

Via email to rob.decandia@dec.ny.gov

March 11, 2019

Mr. Robert D. DeCandia Jr. P.E.
NYSDEC, Division of Environmental Remediation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Re: Quarterly Groundwater Monitoring Report – Fourth Quarter 2018
Frost Street Sites: Site ID #s 1-30043 I, L, M
New Cassel Industrial Area, Westbury, New York

Dear Mr. DeCandia:

EnSafe Inc. is pleased to submit this Quarterly Groundwater Monitoring Report for Fourth Quarter (Q4) 2018 sampling activities at the Frost Street Sites (Site ID #s 1-30043 I, L, M) in Westbury, New York.

Introduction and Background

Long-term groundwater monitoring is performed at the site to evaluate the performance of the air sparge (AS)/soil vapor extraction (SVE) system, which was installed in 2005 as part of the selected remedy for soil and groundwater at the site. The groundwater extraction system was made operational after the first quarter 2018 sampling event (March 2018); a revised sampling plan to incorporate monitoring for this new system is forthcoming in the Site Management Plan.

Groundwater sampling at the Frost Street Sites is performed in accordance with the NYSDEC-approved *Final Engineering Report and Operation, Maintenance and Monitoring (OM&M) Plan* (Walden, June 2006) and the NYSDEC-approved *Monitoring Well Sampling Addendum* (EnSafe, January 25, 2016). **Figure 1** shows the site related monitoring wells and sampling frequency; **Figure 2** shows the AS/SVE wells and system in its current configuration.

Based on the recommendation made in the Third Quarter Report (EnSafe, December 2018), samples were collected via low-flow sampling techniques with a minimum of three well volumes purged.

Sampling Summary

The fourth quarter groundwater sampling event was performed on December 11 and 12, 2018, at which time groundwater samples were collected from the nine quarterly monitoring wells in accordance with the applicable sampling plans.

- All site-related monitoring wells were gauged for depth to groundwater on December 12, 2018; all wells were accessible but a reliable reading could not be obtained from FSMW-5A. Depth to water and calculated groundwater elevations are shown on **Table 1**; historical data is shown on **Table 2**. As shown on **Figures 3** and **4**, groundwater flows southerly, towards the newly installed extraction wells.^{1,2} The Frost Street Parties are preparing the requested documentation to facilitate NYSDEC review of the *Expanded Pumping Test Summary, Findings, and Recommendations*, submitted on August 10, 2018.
- Samples were collected via low-flow sampling techniques. During purging, the turbidity, specific conductance, pH, and temperature of groundwater in each monitoring well were with a pre-calibrated instrument. Samples were collected from the wells once parameters stabilized.
- Samples were collected from FSMW-1A, FSMW-2A, FSMW-2B, FSMW-4A, FSMW-4B, FSMW-8A, FSMW-13A, FSMW-14A and FSMW-14B for VOC analysis.
- Quality control samples for VOCs were collected in accordance with the *Quality Assurance Project Plan* (QAPPs) (Walden, June 2006) and include one blind field duplicate (DUP01 12112018), two equipment blanks (EB01 12112018 and EB02 12122018), two field blanks (FB01 12112018 and FB02 12122018), one trip blank (TB01 12112018), and one matrix spike/matrix spike duplicate of samples collected from FSMW-2B.
- The groundwater samples were submitted to TestAmerica Laboratories, Inc., of Edison, New Jersey, a NYSDOH ELAP CLP laboratory. All groundwater samples were analyzed for TCL VOCs CLP (OLM 4.2 List) by EPA Method 8260C with Superfund equivalent deliverables in accordance with NYSDEC Analytical Services Protocol (ASP) Category B.

¹ Past versions of this report have included groundwater monitoring well construction information and historical water level measurements and elevations prior to AS/SVE system startup in 2005. From this report forward, those data will not be reported in the groundwater monitoring reports.

² Monitoring wells were resurveyed in 2018; groundwater elevations calculated using this data are based on revised well elevations, as indicated in the tables.

- Approximately 50 gallons of purge water was accumulated during sampling. This water was temporarily stored in an upright polypropylene tank and filtered through activated carbon. These waters will be combined with AS/SVE system knockout water and once the tank is full, sampled for permit compliance, and then discharged into the NCDPW municipal sewage collection system via the sewer manhole located at the end of Main Street, behind the Century 21 building and just west of the 101 Frost Street sewer line clean-out in accordance with NCDPW authorization.

Data Validation Summary

The TestAmerica analytical data packages for the fourth quarter 2018 samples were validated to evaluate the analytical laboratory's ability to meet the data quality objectives provided in the QAPP, in accordance with U.S. EPA's (Region II) Contract Laboratory Program National Functional Guidelines for Organic Data Review. The data usability summary report and laboratory data analytical report is attached as Appendix A. Non-compliant data was flagged in accordance with NYSDEC ASP and corrective action was undertaken to rectify any problems.

All of the data were determined to be usable; none of the results were rejected. Matrix spike/matrix spike duplicate sample analysis indicated that quality control requirements were met for this round of groundwater sampling. The trip blank, method blank, and field blank analyses yielded acceptable results. Chloromethane and bromomethane were outside acceptance criteria for initial and/or continuing calibration verification standards; associated sample results were qualified as estimated. The laboratory control sample for chloromethane associated with several samples was outside acceptance criteria; associated samples were qualified estimated due to potential low bias. The samples from FSMW-14A and FSMW-14B were diluted to bring the concentration of target analytes within the calibration range; all other groundwater samples were analyzed undiluted.

Summary of Analytical Results

The validated fourth quarter 2018 analytical data was submitted to NYSDEC on February 15, 2019 in accordance with the Electronic Data Deliverable requirements.

Table 3 presents the fourth quarter 2018 VOC concentrations; **Table 4** presents the VOC concentrations for all quarterly and annual groundwater monitoring events performed to date. Groundwater analytical results are consistent with prior samples collected from the select monitoring wells sampled this quarter. Stable or slightly decreased tetrachloroethene (PCE) and trichloroethene (TCE) concentrations from the previous quarter's results can be noted at all wells except FSMW-1A, FSMW-13A, and FSMW-

14B, which showed slight increases. These minor fluctuations are consistent with recent results of 2017 and 2018; in general all wells sampled exhibit an overall decreasing trend since AS/SVE operation and optimization performed in 2015.

Recommendations

Continued operation of the AS/SVE system should further decrease PCE and TCE concentrations in monitoring wells located within the radius of influence of the system. Fluctuations at FSMW-1A (and increases at LRF-1; results submitted in the *March 2018 Comprehensive Groundwater Monitoring Report* [Walden, July 2018]) should be further monitored and evaluated to determine if the AS/SVE system is adequately addressing groundwater impacts in that area of the site. The performance of the AS/SVE system should also be evaluated near the FSMW-8 wells to determine if asymptotic conditions have been reached. Operation of the groundwater extraction system should further decrease concentrations at offsite wells located downgradient of the extraction wells (FSMW-13 and FSMW-14).³

If you have any questions or require additional information, please do not hesitate to contact me at 860-665-1140 or astark@ensafe.com.

Sincerely,

EnSafe, Inc., by



Alexandra Stark, P.E.

Attachments

Tables

- 1 Groundwater Elevations – Fourth Quarter 2018
- 2 Historical Groundwater Elevations
- 3 Groundwater Monitoring Results – Fourth Quarter 2018
- 4 Historical Groundwater Monitoring Results

Figures

- 1 Monitoring and Extraction Wells
- 2 Air Sparge/Soil Vapor Extraction System
- 3 Potentiometric Surface Map, Group A Wells (58-74 feet bgs), Fourth Quarter 2018
- 4 Potentiometric Surface Map, Group B Wells (114-149 feet bgs), Fourth Quarter 2018

³ A comprehensive trend analysis at each active monitoring well will be performed in the next annual/fifth quarter monitoring report (second quarter 2019).

Appendix

A Fourth Quarter 2018 Groundwater Sampling Data Usability Summary Report and Laboratory Analytical Data

Copies: A. Tamuno, Esq., NYSDEC	<i>Via email to amtamuno@gw.dec.state.ny.us</i>
C. Bethoney, NYSDOH	<i>Via email to charlotte.bethoney@health.ny.gov</i>
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Tables

Table 1
Groundwater Elevations - Fourth Quarter 2018

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used starting Q2 2018 ¹ (feet AMSL)	Q4 2018 (12/12/2018)	
				Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	120.07	49.64	70.43
EX-1B	100-150	6	119.74	51.75	67.99
EX-1C	150-200	6	119.77	56.64	63.13
EX-1D	200-240	6	120.05	61.60	58.45
LRF-1	50-70	4	125.65	54.47	71.18
FSMW-1A	58-68	2	126.03	54.63	71.40
FSMW-1B	117-127	2	125.97	55.04	70.93
FSMW-2A	60-70	4	124.74	53.57	71.17
FSMW-2B	114-124	2	125.05	53.96	71.09
FSMW-3A	60-70	2	126.15	55.02	71.13
FSMW-3B	135-145	2	126.23	55.15	71.08
FSMW-4A	60-70	2	123.95	53.10	70.85
FSMW-4B	137-147	2	123.57	42.71	80.86
FSMW-5A	60-70	2	118.05	NM	NM
FSMW-5B	130-140	2	117.99	47.70	70.29
FSMW-6A	59-69	2	119.17	48.55	70.62
FSMW-6B	137-147	2	119.36	49.15	70.21
FSMW-7A	60-70	2	121.26	50.91	70.35
FSMW-7B	136-146	2	121.44	51.58	69.86
FSMW-8A	64-74	2	121.64	50.95	70.69
FSMW-8B	132-142	2	121.75	51.11	70.64
FSMW-8C	170-180	2	121.43	51.04	70.39
FSMW-8D	223-233	2	121.65	51.25	70.40
FSMW-9A	60-70	2	124.10	53.32	70.78
FSMW-9B	137-147	2	123.91	53.14	70.77
FSMW-10A	60-70	2	123.59	52.65	70.94
FSMW-10B	137-147	2	123.68	52.83	70.85
FSMW-11	139-149	2	119.34	48.88	70.46
FSMW-12	139-149	2	121.30	51.23	70.07
FSMW-13A	69-79	2	118.00	47.86	70.14
FSMW-13B	119-129	2	117.94	49.90	68.04
FSMW-13C	239-249	2	117.81	48.14	69.67
FSMW-14A	119-129	2	117.16	47.20	69.96
FSMW-14B	159-169	2	117.36	47.53	69.83
FSMW-14C	239-249	2	117.19	47.49	69.70
FSMW-19A	70-80	2	120.32	50.32	70.00
FSMW-19B	120-130	2	120.22	49.58	70.64
FSMW-19C	170-180	2	120.17	49.63	70.54
FSMW-19D	223-233	2	120.60	49.93	70.67

Notes:

1 All wells were resurveyed in 2018; well elevations presented herein are based on new elevations.
bgs below ground surface
AMSL above mean sea level

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	1/5/2005		9/1/2006		12/5/2006		3/6/2007	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	NM	NM	52.38	74.53	52.12	74.79	52.26	74.65
FSMW-1A	58-68	2	127.29	126.03	57.1	70.21	52.72	74.59	52.51	74.80	52.61	74.70
FSMW-1B	117-127	2	127.34	125.97	57.1	70.27	52.92	74.45	52.68	74.69	52.73	74.64
FSMW-2A	60-70	4	126.33	124.74	NM	NM	51.81	74.52	51.61	74.72	51.55	74.78
FSMW-2B	114-124	2	126.04	125.05	NM	NM	52.16	73.88	51.97	74.07	51.94	74.10
FSMW-3A	60-70	2	127.45	126.15	55.3	72.15	53.30	74.15	53.25	74.20	53.00	74.45
FSMW-3B	135-145	2	127.53	126.23	57.3	70.32	53.51	74.11	53.25	74.37	53.19	74.43
FSMW-4A	60-70	2	125.25	123.95	55.1	70.20	51.70	73.60	51.51	73.79	51.00	74.30
FSMW-4B	137-147	2	124.86	123.57	55.5	69.36	50.90	73.96	50.70	74.16	51.10	73.76
FSMW-5A	60-70	2	119.30	118.05	49.3	70.25	45.62	73.93	45.43	74.12	45.42	74.13
FSMW-5B	130-140	2	119.19	117.99	49.8	69.73	45.70	73.83	45.49	74.04	45.56	73.97
FSMW-6A	59-69	2	120.44	119.17	50.9	69.55	46.56	73.89	46.36	74.09	47.57	72.88
FSMW-6B	137-147	2	120.61	119.36	51.4	69.21	47.13	73.48	46.92	73.69	47.40	73.21
FSMW-7A	60-70	2	122.46	121.26	53.5	69.16	49.25	73.41	49.04	73.62	48.95	73.71
FSMW-7B	136-146	2	122.68	121.44	54.0	68.68	49.56	73.12	49.37	73.31	49.30	73.38
FSMW-8A	64-74	2	122.95	121.64	53.0	69.95	49.13	73.82	48.94	74.01	48.93	74.02
FSMW-8B	132-142	2	123.07	121.75	53.2	69.88	49.25	73.83	48.93	74.15	49.04	74.04
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	55.2	70.18	51.80	73.58	51.60	73.78	51.59	73.79
FSMW-9B	137-147	2	125.28	123.91	55.2	70.07	51.35	73.92	51.16	74.11	51.68	73.59
FSMW-10A	60-70	2	124.87	123.59	54.7	70.17	50.80	74.07	50.59	74.28	50.65	74.22
FSMW-10B	137-147	2	125.02	123.68	54.9	70.03	50.98	73.95	50.79	74.14	50.81	74.12
FSMW-11	139-149	2	120.80	119.34	51.2	69.60	47.14	73.66	46.95	73.85	46.92	73.88
FSMW-12	139-149	2	122.55	121.30	53.5	69.05	49.13	73.42	46.93	75.62	48.93	73.62
FSMW-13A	69-79	2	119.25	118.00	50.6	not surveyed	46.07	not surveyed	45.86	not surveyed	46.31	not surveyed
FSMW-13B	119-129	2	119.18	117.94	50.6	not surveyed	46.01	not surveyed	45.82	not surveyed	46.42	not surveyed
FSMW-13C	239-249	2	119.07	117.81	50.6	not surveyed	46.75	not surveyed	46.54	not surveyed	46.49	not surveyed
FSMW-14A	119-129	2	118.39	117.16	50.1	not surveyed	45.50	not surveyed	45.31	not surveyed	45.10	not surveyed
FSMW-14B	159-169	2	118.57	117.36	50.5	not surveyed	45.91	not surveyed	45.71	not surveyed	45.52	not surveyed
FSMW-14C	239-249	2	118.42	117.19	50.5	not surveyed	46.22	not surveyed	46.03	not surveyed	45.69	not surveyed
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	5/25/2007		8/31/2007		12/11/2007		3/7/2008	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	51.26	75.65	50.36	76.55	51.01	75.90	50.87	76.04
FSMW-1A	58-68	2	127.29	126.03	51.60	75.71	50.70	76.61	51.35	75.96	51.21	76.10
FSMW-1B	117-127	2	127.34	125.97	51.73	75.64	50.91	76.46	51.52	75.85	51.45	75.92
FSMW-2A	60-70	4	126.33	124.74	50.72	75.61	49.77	76.56	50.41	75.92	50.31	76.02
FSMW-2B	114-124	2	126.04	125.05	51.00	75.04	50.10	75.94	50.77	75.27	50.85	75.19
FSMW-3A	60-70	2	127.45	126.15	52.19	75.26	51.15	76.30	51.89	75.56	51.60	75.85
FSMW-3B	135-145	2	127.53	126.23	52.25	75.37	51.48	76.14	52.07	75.55	52.05	75.57
FSMW-4A	60-70	2	125.25	123.95	50.61	74.69	49.45	75.85	50.14	75.16	49.64	75.66
FSMW-4B	137-147	2	124.86	123.57	49.76	75.10	48.84	76.02	49.94	74.92	49.51	75.35
FSMW-5A	60-70	2	119.30	118.05	44.36	75.19	43.69	75.86	44.50	75.05	44.40	75.15
FSMW-5B	130-140	2	119.19	117.99	44.54	74.99	43.77	75.76	44.50	75.03	44.50	75.03
FSMW-6A	59-69	2	120.44	119.17	45.59	74.86	44.70	75.75	45.55	74.90	45.50	74.94
FSMW-6B	137-147	2	120.61	119.36	46.06	74.55	45.25	75.36	46.01	74.60	46.04	74.57
FSMW-7A	60-70	2	122.46	121.26	48.17	74.49	47.34	75.32	48.17	74.49	48.10	74.56
FSMW-7B	136-146	2	122.68	121.44	48.44	74.24	47.66	75.02	48.57	74.11	48.18	74.50
FSMW-8A	64-74	2	122.95	121.64	48.09	74.86	47.13	75.82	47.90	75.05	47.97	74.98
FSMW-8B	132-142	2	123.07	121.75	48.15	74.93	47.26	75.82	48.00	75.08	48.30	74.78
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	50.67	74.71	49.55	75.83	50.32	75.06	51.05	74.33
FSMW-9B	137-147	2	125.28	123.91	50.19	75.08	NA	NA	50.05	75.22	50.23	75.04
FSMW-10A	60-70	2	124.87	123.59	49.81	75.06	48.85	76.02	49.51	75.36	49.48	75.39
FSMW-10B	137-147	2	125.02	123.68	49.84	75.09	49.02	75.91	49.71	75.22	49.85	75.08
FSMW-11	139-149	2	120.80	119.34	46.05	74.75	45.23	75.57	46.00	74.80	46.00	74.80
FSMW-12	139-149	2	122.55	121.30	48.05	74.50	47.23	75.32	48.00	74.55	48.06	74.49
FSMW-13A	69-79	2	119.25	118.00	45.05	not surveyed	44.26	not surveyed	45.07	74.28	45.01	74.34
FSMW-13B	119-129	2	119.18	117.94	44.97	not surveyed	44.20	not surveyed	44.97	74.21	44.92	74.26
FSMW-13C	239-249	2	119.07	117.81	45.52	not surveyed	44.90	not surveyed	45.54	73.58	45.38	73.74
FSMW-14A	119-129	2	118.39	117.16	44.43	not surveyed	43.68	not surveyed	44.46	74.06	44.38	74.14
FSMW-14B	159-169	2	118.57	117.36	44.81	not surveyed	44.10	not surveyed	44.93	73.80	44.73	74.00
FSMW-14C	239-249	2	118.42	117.19	44.97	not surveyed	44.35	not surveyed	45.00	73.42	44.84	73.58
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/13/2008		9/30/2008		12/11/2008		3/9/2009	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	50.82	76.09	51.14	75.77	51.50	75.41	51.10	75.81
FSMW-1A	58-68	2	127.29	126.03	51.15	76.16	51.52	75.79	51.93	75.36	51.43	75.86
FSMW-1B	117-127	2	127.34	125.97	51.31	76.06	51.71	75.66	52.14	75.20	51.65	75.69
FSMW-2A	60-70	4	126.33	124.74	50.25	76.08	50.84	75.49	50.90	75.43	50.38	75.95
FSMW-2B	114-124	2	126.04	125.05	50.59	75.45	50.95	75.09	51.55	74.49	50.87	75.17
FSMW-3A	60-70	2	127.45	126.15	51.69	75.76	52.10	75.35	52.32	75.13	51.78	75.67
FSMW-3B	135-145	2	127.53	126.23	51.89	75.73	52.23	75.30	52.54	74.99	51.90	75.63
FSMW-4A	60-70	2	125.25	123.95	50.00	75.30	50.37	74.93	50.34	74.91	49.80	75.45
FSMW-4B	137-147	2	124.86	123.57	49.38	75.48	49.73	75.13	50.15	74.71	49.81	75.05
FSMW-5A	60-70	2	119.30	118.05	44.29	75.26	44.55	75.00	44.98	74.32	44.45	74.85
FSMW-5B	130-140	2	119.19	117.99	44.33	75.20	44.62	74.91	45.02	74.17	44.50	74.69
FSMW-6A	59-69	2	120.44	119.17	45.38	75.07	45.53	74.92	46.38	74.06	45.85	74.59
FSMW-6B	137-147	2	120.61	119.36	45.86	74.75	46.07	74.54	46.78	73.83	46.13	74.48
FSMW-7A	60-70	2	122.46	121.26	48.04	74.62	48.22	74.44	48.81	73.65	48.20	74.26
FSMW-7B	136-146	2	122.68	121.44	48.23	74.45	48.59	74.09	49.20	73.48	48.49	74.19
FSMW-8A	64-74	2	122.95	121.64	47.74	75.21	48.01	74.94	48.48	74.47	47.90	75.05
FSMW-8B	132-142	2	123.07	121.75	47.83	75.25	48.16	74.92	48.61	74.46	48.05	75.02
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	50.16	75.22	50.56	74.82	50.71	74.69	50.18	75.22
FSMW-9B	137-147	2	125.28	123.91	49.90	75.37	50.19	75.08	50.61	74.67	50.02	75.26
FSMW-10A	60-70	2	124.87	123.59	49.34	75.53	49.61	75.26	50.01	74.86	49.50	75.37
FSMW-10B	137-147	2	125.02	123.68	49.50	75.43	49.85	75.08	50.31	74.71	49.70	75.32
FSMW-11	139-149	2	120.80	119.34	45.82	74.98	46.06	74.74	46.55	74.25	45.96	74.84
FSMW-12	139-149	2	122.55	121.30	47.85	74.70	48.07	74.48	48.77	73.78	48.12	74.43
FSMW-13A	69-79	2	119.25	118.00	44.93	74.42	44.96	74.39	45.83	73.42	45.19	74.06
FSMW-13B	119-129	2	119.18	117.94	44.84	74.34	44.96	74.22	45.81	73.37	45.13	74.05
FSMW-13C	239-249	2	119.07	117.81	45.39	73.73	45.70	73.42	46.31	72.76	45.32	73.75
FSMW-14A	119-129	2	118.39	117.16	44.32	74.20	44.36	74.16	45.20	73.19	44.49	73.90
FSMW-14B	159-169	2	118.57	117.36	44.70	74.03	44.83	73.74	45.51	73.06	44.85	73.72
FSMW-14C	239-249	2	118.42	117.19	44.83	73.59	45.14	73.28	45.72	72.70	44.74	73.68
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/12/2009		10/5/2009		12/18/2009		3/11/2010	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	51.45	75.46	NM	NM	51.24	75.67	50.65	76.26
FSMW-1A	58-68	2	127.29	126.03	51.77	75.52	NM	NM	51.59	75.70	51.00	76.29
FSMW-1B	117-127	2	127.34	125.97	52.02	75.32	NM	NM	51.74	75.60	51.09	76.25
FSMW-2A	60-70	4	126.33	124.74	50.79	75.54	51.05	75.28	50.56	75.77	49.99	76.34
FSMW-2B	114-124	2	126.04	125.05	51.21	74.83	50.70	75.34	51.05	74.99	50.32	75.72
FSMW-3A	60-70	2	127.45	126.15	52.21	75.24	52.05	75.40	51.97	75.48	51.46	75.99
FSMW-3B	135-145	2	127.53	126.23	52.28	75.25	52.32	75.21	52.33	75.20	51.44	76.09
FSMW-4A	60-70	2	125.25	123.95	50.30	74.95	50.12	75.13	49.89	75.36	49.55	75.70
FSMW-4B	137-147	2	124.86	123.57	49.83	75.03	49.87	74.99	49.70	75.16	49.38	75.48
FSMW-5A	60-70	2	119.30	118.05	44.66	74.64	44.79	74.51	44.53	74.77	43.64	75.66
FSMW-5B	130-140	2	119.19	117.99	44.59	74.60	44.70	74.49	44.49	74.70	43.62	75.57
FSMW-6A	59-69	2	120.44	119.17	48.00	72.44	46.10	74.34	45.75	74.69	44.79	75.65
FSMW-6B	137-147	2	120.61	119.36	46.30	74.31	46.43	74.18	46.22	74.39	45.22	75.39
FSMW-7A	60-70	2	122.46	121.26	48.38	74.08	48.54	73.92	48.27	74.19	47.12	75.34
FSMW-7B	136-146	2	122.68	121.44	48.68	74.00	48.85	73.83	48.71	73.97	47.54	75.15
FSMW-8A	64-74	2	122.95	121.64	48.22	74.73	48.24	74.71	48.00	74.95	47.30	75.65
FSMW-8B	132-142	2	123.07	121.75	48.31	74.76	48.43	74.64	48.19	74.88	47.39	75.68
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	50.55	74.85	50.42	74.98	50.27	75.13	49.73	75.67
FSMW-9B	137-147	2	125.28	123.91	50.32	74.96	50.31	74.97	50.15	75.13	49.61	75.67
FSMW-10A	60-70	2	124.87	123.59	49.78	75.09	49.85	75.02	49.66	75.21	49.05	75.82
FSMW-10B	137-147	2	125.02	123.68	50.04	74.98	50.07	74.95	49.94	75.08	49.14	75.88
FSMW-11	139-149	2	120.80	119.34	46.10	74.70	46.24	74.56	46.02	74.78	45.10	75.70
FSMW-12	139-149	2	122.55	121.30	48.31	74.24	48.49	74.06	48.27	74.28	47.19	75.36
FSMW-13A	69-79	2	119.25	118.00	45.01	74.24	45.49	73.76	45.16	74.09	44.06	75.19
FSMW-13B	119-129	2	119.18	117.94	44.98	74.20	45.43	73.75	45.08	74.10	44.03	75.15
FSMW-13C	239-249	2	119.07	117.81	45.68	73.39	45.75	73.32	45.30	73.77	44.21	74.86
FSMW-14A	119-129	2	118.39	117.16	44.33	74.06	44.82	73.57	44.55	73.84	43.35	75.04
FSMW-14B	159-169	2	118.57	117.36	44.83	73.74	45.06	73.51	45.37**	73.20	43.67	74.90
FSMW-14C	239-249	2	118.42	117.19	44.12	74.30	45.18	73.24	NM	NM	43.85	74.57
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/17/2010		10/4/2010		12/17/2010		4/1/2011	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	NM	NM	48.42	78.49	49.83	77.08	50.14	76.77
FSMW-1A	58-68	2	127.29	126.03	48.18	79.11	49.29	78.00	50.14	77.15	50.50	76.79
FSMW-1B	117-127	2	127.34	125.97	48.53	78.81	49.70	77.64	50.06	77.28	50.51	76.83
FSMW-2A	60-70	4	126.33	124.74	47.17	79.16	48.14	78.19	49.13	77.20	49.44	76.89
FSMW-2B	114-124	2	126.04	125.05	47.32	78.72	48.41	77.63	49.38	76.66	50.23	75.81
FSMW-3A	60-70	2	127.45	126.15	48.59	78.86	49.66	77.79	50.65	76.80	50.88	76.57
FSMW-3B	135-145	2	127.53	126.23	48.94	78.59	50.05	77.48	50.81	76.72	51.14	76.39
FSMW-4A	60-70	2	125.25	123.95	46.30	78.95	47.65	77.60	48.64	76.61	51.07	74.18
FSMW-4B	137-147	2	124.86	123.57	46.39	78.47	47.33	77.53	48.41	76.45	48.61	76.25
FSMW-5A	60-70	2	119.30	118.05	41.31	77.99	42.11	77.19	43.17	76.13	42.86	76.44
FSMW-5B	130-140	2	119.19	117.99	41.25	77.94	42.03	77.16	43.08	76.11	43.47	75.72
FSMW-6A	59-69	2	120.44	119.17	42.60	77.84	43.31	77.13	44.41	76.03	44.80	75.64
FSMW-6B	137-147	2	120.61	119.36	43.02	77.59	43.71	76.90	44.87	75.74	45.23	75.38
FSMW-7A	60-70	2	122.46	121.26	44.98	77.48	45.89	76.57	47.33	75.13	47.19	75.27
FSMW-7B	136-146	2	122.68	121.44	45.42	77.26	46.23	76.45	46.90	75.78	47.65	75.03
FSMW-8A	64-74	2	122.95	121.64	44.74	78.21	45.67	77.28	46.66	76.29	46.82	76.13
FSMW-8B	132-142	2	123.07	121.75	44.87	78.20	45.84	77.23	46.81	76.26	47.10	75.97
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	47.05	78.35	48.02	77.38	48.98	76.42	49.66	75.74
FSMW-9B	137-147	2	125.28	123.91	46.88	78.40	47.90	77.38	48.80	76.48	49.12	76.16
FSMW-10A	60-70	2	124.87	123.59	46.35	78.52	47.36	77.51	48.80	76.07	48.81	76.06
FSMW-10B	137-147	2	125.02	123.68	46.57	78.45	47.66	77.36	48.53	76.49	48.80	76.22
FSMW-11	139-149	2	120.80	119.34	42.80	78.00	43.55	77.25	44.65	76.15	45.02	75.78
FSMW-12	139-149	2	122.55	121.30	45.00	77.55	45.77	76.78	45.77	76.78	47.22	75.33
FSMW-13A	69-79	2	119.25	118.00	42.03	77.22	42.42	76.83	43.83	75.42	44.26	74.99
FSMW-13B	119-129	2	119.18	117.94	42.00	77.18	42.43	76.75	43.73	75.45	44.27	74.91
FSMW-13C	239-249	2	119.07	117.81	42.21	76.86	43.41	75.66	44.41	74.66	44.97	74.10
FSMW-14A	119-129	2	118.39	117.16	41.41	76.98	41.83	76.56	43.22	75.17	43.62	74.77
FSMW-14B	159-169	2	118.57	117.36	41.83	76.74	42.66	75.91	43.51	75.06	44.28	74.29
FSMW-14C	239-249	2	118.42	117.19	41.96	76.46	42.55	75.87	43.89	74.53	44.34	74.08
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	7/28/2011		12/23/2011		4/11/2012		7/26/2012	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	50.47	76.44	NM	NM	NM		49.02	77.89
FSMW-1A	58-68	2	127.29	126.03	50.80	76.49	48.27	79.02	49.48	77.81	49.38	77.91
FSMW-1B	117-127	2	127.34	125.97	51.00	76.34	48.41	78.93	49.66	77.68	49.53	77.81
FSMW-2A	60-70	4	126.33	124.74	49.86	76.47	47.20	79.13	48.50	77.83	48.28	78.05
FSMW-2B	114-124	2	126.04	125.05	50.29	75.75	47.74	78.30	48.94	77.10	48.78	77.26
FSMW-3A	60-70	2	127.45	126.15	51.23	76.22	48.65	78.80	49.88	77.57	49.71	77.74
FSMW-3B	135-145	2	127.53	126.23	51.68	75.85	48.91	78.62	50.16	77.37	50.12	77.41
FSMW-4A	60-70	2	125.25	123.95	49.42	75.83	46.70	78.55	48.00	77.25	47.56	77.69
FSMW-4B	137-147	2	124.86	123.57	49.16	75.70	46.46	78.40	47.71	77.15	47.74	77.12
FSMW-5A	60-70	2	119.30	118.05	44.05	75.25	41.25	78.05	42.74	76.56	42.39	76.91
FSMW-5B	130-140	2	119.19	117.99	44.06	75.13	40.41	78.78	42.63	76.56	42.41	76.78
FSMW-6A	59-69	2	120.44	119.17	45.41	75.03	42.65	77.79	44.09	76.35	43.71	76.73
FSMW-6B	137-147	2	120.61	119.36	45.95	74.66	43.00	77.61	44.42	76.19	44.18	76.43
FSMW-7A	60-70	2	122.46	121.26	47.88	74.58	45.05	77.41	46.44	76.02	46.13	76.33
FSMW-7B	136-146	2	122.68	121.44	48.40	74.28	45.43	77.25	46.81	75.87	46.60	76.08
FSMW-8A	64-74	2	122.95	121.64	47.49	75.46	44.68	78.27	45.10	77.85	45.85	77.10
FSMW-8B	132-142	2	123.07	121.75	47.68	75.39	44.84	78.23	46.25	76.82	46.04	77.03
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	49.64	75.76	46.97	78.43	48.36	77.04	48.11	77.29
FSMW-9B	137-147	2	125.28	123.91	49.75	75.53	46.87	78.41	48.23	77.05	48.04	77.24
FSMW-10A	60-70	2	124.87	123.59	49.02	75.85	46.26	78.61	47.68	77.19	47.45	77.42
FSMW-10B	137-147	2	125.02	123.68	49.29	75.73	46.62	78.40	47.90	77.12	47.74	77.28
FSMW-11	139-149	2	120.80	119.34	45.63	75.17	42.82	77.98	44.20	76.60	43.95	76.85
FSMW-12	139-149	2	122.55	121.30	47.91	74.64	45.01	77.54	46.40	76.15	46.17	76.38
FSMW-13A	69-79	2	119.25	118.00	45.04	74.21	42.05	77.20	43.51	75.74	43.21	76.04
FSMW-13B	119-129	2	119.18	117.94	45.02	74.16	42.02	77.16	43.46	75.72	43.20	75.98
FSMW-13C	239-249	2	119.07	117.81	45.86	73.21	42.49	76.58	43.89	75.18	43.89	75.18
FSMW-14A	119-129	2	118.39	117.16	44.45	73.94	41.39	77.00	42.84	75.55	42.60	75.79
FSMW-14B	159-169	2	118.57	117.36	44.68	73.89	41.73	76.84	43.13	75.44	42.96	75.61
FSMW-14C	239-249	2	118.42	117.19	45.34	73.08	41.92	76.50	43.34	75.08	43.33	75.09
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	11/16/2012		7/17/2013		10/28/2013		3/27/2014	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	49.70	77.21	49.90	77.01	51.95	74.96	53.19	73.72
FSMW-1A	58-68	2	127.29	126.03	50.01	77.28	50.24	77.05	52.25	75.04	53.50	73.79
FSMW-1B	117-127	2	127.34	125.97	52.37	74.97	50.45	76.89	52.45	74.89	53.45	73.89
FSMW-2A	60-70	4	126.33	124.74	48.99	77.34	49.25	77.08	52.85	73.48	52.65	73.68
FSMW-2B	114-124	2	126.04	125.05	49.54	76.50	49.70	76.34	51.59	74.45	53.12	72.92
FSMW-3A	60-70	2	127.45	126.15	50.41	77.04	50.61	76.84	52.70	74.75	54.00	73.45
FSMW-3B	135-145	2	127.53	126.23	54.06	73.47	51.10	76.43	53.00	74.53	54.28	73.25
FSMW-4A	60-70	2	125.25	123.95	48.47	76.78	48.80	76.45	50.73	74.52	52.62	72.63
FSMW-4B	137-147	2	124.86	123.57	48.27	76.59	48.45	76.41	50.55	74.31	52.20	72.66
FSMW-5A	60-70	2	119.30	118.05	43.23	76.07	43.20	76.10	45.46	73.84	46.55	72.75
FSMW-5B	130-140	2	119.19	117.99	44.58	74.61	43.22	75.97	45.39	73.80	46.55	72.64
FSMW-6A	59-69	2	120.44	119.17	44.52	75.92	44.43	76.01	46.82	73.62	48.25	72.19
FSMW-6B	137-147	2	120.61	119.36	44.91	75.70	45.03	75.58	47.27	73.34	47.75	72.86
FSMW-7A	60-70	2	122.46	121.26	46.85	75.61	46.93	75.53	49.28	73.18	50.14	72.32
FSMW-7B	136-146	2	122.68	121.44	47.30	75.38	47.50	75.18	49.66	73.02	50.57	72.11
FSMW-8A	64-74	2	122.95	121.64	46.75	76.20	46.71	76.24	48.87	74.08	50.30	72.65
FSMW-8B	132-142	2	123.07	121.75	46.58	76.49	46.90	76.17	49.02	74.05	50.35	72.72
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	48.81	76.59	49.05	76.35	51.10	74.30	52.50	72.90
FSMW-9B	137-147	2	125.28	123.91	48.85	76.43	48.92	76.36	51.02	74.26	53.03	72.25
FSMW-10A	60-70	2	124.87	123.59	48.15	76.72	48.38	76.49	50.44	74.43	51.80	73.07
FSMW-10B	137-147	2	125.02	123.68	48.42	76.60	48.65	76.37	50.68	74.34	52.19	72.83
FSMW-11	139-149	2	120.80	119.34	44.72	76.08	44.78	76.02	46.95	73.85	48.11	72.69
FSMW-12	139-149	2	122.55	121.30	46.40	76.15	46.95	75.60	49.21	73.34	50.24	72.31
FSMW-13A	69-79	2	119.25	118.00	43.95	75.30	44.00	75.25	46.24	73.01	47.22	72.03
FSMW-13B	119-129	2	119.18	117.94	43.93	75.25	44.20	74.98	46.16	73.02	47.19	71.99
FSMW-13C	239-249	2	119.07	117.81	44.39	74.68	44.92	74.15	46.45	72.62	47.73	71.34
FSMW-14A	119-129	2	118.39	117.16	43.30	75.09	43.43	74.96	45.55	72.84	46.54	71.85
FSMW-14B	159-169	2	118.57	117.36	43.62	74.95	43.85	74.72	45.81	72.76	46.86	71.71
FSMW-14C	239-249	2	118.42	117.19	43.83	74.59	44.36	74.06	45.90	72.52	47.20	71.22
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/25/2014		10/6/2014		12/17/2014		4/1/2015	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	52.01	74.90	53.02	73.89	53.25	73.66	52.02	74.89
FSMW-1A	58-68	2	127.29	126.03	52.33	74.96	53.18	74.11	52.67	74.62	52.18	75.11
FSMW-1B	117-127	2	127.34	125.97	52.50	74.84	53.14	74.20	53.40	73.94	52.05	75.29
FSMW-2A	60-70	4	126.33	124.74	51.35	74.98	49.11	77.22	51.78	74.55	51.23	75.10
FSMW-2B	114-124	2	126.04	125.05	51.76	74.28	49.51	76.53	52.70	73.34	51.35	74.69
FSMW-3A	60-70	2	127.45	126.15	52.76	74.69	NM	NM	53.32	74.13	52.75	74.70
FSMW-3B	135-145	2	127.53	126.23	53.08	74.45	NM	NM	53.18	74.35	52.67	74.86
FSMW-4A	60-70	2	125.25	123.95	50.94	74.31	51.24	74.01	51.76	73.49	50.95	74.30
FSMW-4B	137-147	2	124.86	123.57	50.49	74.37	51.51	73.35	50.79	74.07	50.29	74.57
FSMW-5A	60-70	2	119.30	118.05	45.24	74.06	46.09	73.21	45.24	74.06	44.82	74.48
FSMW-5B	130-140	2	119.19	117.99	45.18	74.01	46.06	73.13	45.28	73.91	44.89	74.30
FSMW-6A	59-69	2	120.44	119.17	46.49	73.95	47.48	72.96	46.40	74.04	46.08	74.36
FSMW-6B	137-147	2	120.61	119.36	46.95	73.66	47.83	72.78	46.73	73.88	46.47	74.14
FSMW-7A	60-70	2	122.46	121.26	48.93	73.53	50.23	72.23	48.93	73.53	48.36	74.10
FSMW-7B	136-146	2	122.68	121.44	48.37	74.31	49.97	72.71	48.45	74.23	48.80	73.88
FSMW-8A	64-74	2	122.95	121.64	48.78	74.17	49.56	73.39	49.70	73.25	48.62	74.33
FSMW-8B	132-142	2	123.07	121.75	48.93	74.14	48.74	74.33	49.15	73.92	48.66	74.41
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	51.26	74.14	51.82	73.58	51.63	73.77	51.05	74.35
FSMW-9B	137-147	2	125.28	123.91	50.94	74.34	51.73	73.55	51.25	74.03	50.69	74.59
FSMW-10A	60-70	2	124.87	123.59	50.46	74.41	51.16	73.71	50.79	74.08	50.31	74.56
FSMW-10B	137-147	2	125.02	123.68	50.68	74.34	51.46	73.56	50.92	74.10	50.39	74.63
FSMW-11	139-149	2	120.80	119.34	46.24	74.56	47.61	73.19	46.75	74.05	46.33	74.47
FSMW-12	139-149	2	122.55	121.30	48.96	73.59	49.84	72.71	48.89	73.66	48.41	74.14
FSMW-13A	69-79	2	119.25	118.00	45.75	73.50	46.83	72.42	45.79	73.46	45.29	73.96
FSMW-13B	119-129	2	119.18	117.94	45.61	73.57	46.79	72.39	45.81	73.37	45.25	73.93
FSMW-13C	239-249	2	119.07	117.81	45.69	73.38	46.17	72.90	46.64	72.43	45.68	73.39
FSMW-14A	119-129	2	118.39	117.16	45.73	72.66	46.26	72.13	45.24	73.15	44.57	73.82
FSMW-14B	159-169	2	118.57	117.36	45.70	72.87	46.62	71.95	45.66	72.91	44.88	73.69
FSMW-14C	239-249	2	118.42	117.19	46.28	72.14	46.67	71.75	46.20	72.22	45.09	73.33
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	7/16/2015		10/5/2015		12/9/2015		4/8/2016	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	52.54	74.37	52.56	74.35	53.13	73.78	53.15	73.76
FSMW-1A	58-68	2	127.29	126.03	52.70	74.59	54.30	72.99	53.32	73.97	53.34	73.95
FSMW-1B	117-127	2	127.34	125.97	52.74	74.60	53.67	73.67	53.97	73.37	53.74	73.60
FSMW-2A	60-70	4	126.33	124.74	51.88	74.45	52.11	74.22	52.22	74.11	52.44	73.89
FSMW-2B	114-124	2	126.04	125.05	52.13	73.91	52.00	74.04	52.61	73.43	52.65	73.39
FSMW-3A	60-70	2	127.45	126.15	53.36	74.09	53.63	73.82	53.68	73.77	53.97	73.48
FSMW-3B	135-145	2	127.53	126.23	53.34	74.19	53.37	74.16	53.86	73.67	53.68	73.85
FSMW-4A	60-70	2	125.25	123.95	51.87	73.38	52.85	72.40	51.69	73.56	52.36	72.89
FSMW-4B	137-147	2	124.86	123.57	50.96	73.90	53.67	71.19	51.39	73.47	51.39	73.47
FSMW-5A	60-70	2	119.30	118.05	45.47	73.83	45.41	73.89	46.23	73.07	45.99	73.31
FSMW-5B	130-140	2	119.19	117.99	45.44	73.75	45.52	73.67	46.17	73.02	45.92	73.27
FSMW-6A	59-69	2	120.44	119.17	46.67	73.77	46.54	73.90	47.49	72.95	47.12	73.32
FSMW-6B	137-147	2	120.61	119.36	47.26	73.35	47.12	73.49	47.83	72.78	47.47	73.14
FSMW-7A	60-70	2	122.46	121.26	49.14	73.32	49.30	73.16	49.79	72.67	49.86	72.60
FSMW-7B	136-146	2	122.68	121.44	49.67	73.01	49.41	73.27	50.18	72.50	49.72	72.96
FSMW-8A	64-74	2	122.95	121.64	49.13	73.82	49.43	73.52	49.69	73.26	49.60	73.35
FSMW-8B	132-142	2	123.07	121.75	49.29	73.78	49.42	73.65	49.84	73.23	49.68	73.39
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	51.72	73.68	52.20	73.20	51.93	73.47	52.24	73.16
FSMW-9B	137-147	2	125.28	123.91	51.31	73.97	51.49	73.79	51.85	73.43	51.80	73.48
FSMW-10A	60-70	2	124.87	123.59	50.79	74.08	51.05	73.82	51.33	73.54	51.33	73.54
FSMW-10B	137-147	2	125.02	123.68	51.02	74.00	51.15	73.87	51.54	73.48	51.41	73.61
FSMW-11	139-149	2	120.80	119.34	47.02	73.78	47.05	73.75	48.68	72.12	NM	NM
FSMW-12	139-149	2	122.55	121.30	49.21	73.34	49.13	73.42	49.79	72.76	49.41	73.14
FSMW-13A	69-79	2	119.25	118.00	46.13	73.12	45.85	73.40	46.81	72.44	46.31	72.94
FSMW-13B	119-129	2	119.18	117.94	46.11	73.07	45.81	73.37	46.78	72.40	46.29	72.89
FSMW-13C	239-249	2	119.07	117.81	46.67	72.40	46.25	72.82	47.04	72.03	46.57	72.50
FSMW-14A	119-129	2	118.39	117.16	45.50	72.89	45.18	73.21	46.10	72.29	45.61	72.78
FSMW-14B	159-169	2	118.57	117.36	45.83	72.74	45.50	73.07	46.39	72.18	45.88	72.69
FSMW-14C	239-249	2	118.42	117.19	46.12	72.30	45.60	72.82	46.44	71.98	45.98	72.44
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	7/1/2016		9/30/2016		12/8/2016		3/30/2017	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NA	NA
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NA	NA
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NA	NA
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NA	NA
LRF-1	50-70	4	126.91	125.65	53.94	72.97	55.53	71.38	55.61	71.30	56.30	70.61
FSMW-1A	58-68	2	127.29	126.03	54.11	73.18	55.71	71.58	56.02	71.27	56.58	70.71
FSMW-1B	117-127	2	127.34	125.97	54.22	73.12	55.49	71.85	56.11	71.23	56.74	70.60
FSMW-2A	60-70	4	126.33	124.74	53.49	72.84	54.95	71.38	55.19	71.14	55.79	70.54
FSMW-2B	114-124	2	126.04	125.05	53.05	72.99	55.30	70.74	55.55	70.49	56.07	69.97
FSMW-3A	60-70	2	127.45	126.15	54.48	72.97	56.43	71.02	56.62	70.83	57.19	70.26
FSMW-3B	135-145	2	127.53	126.23	54.88	72.65	56.45	71.08	56.64	70.89	57.14	70.39
FSMW-4A	60-70	2	125.25	123.95	52.49	72.76	54.40	70.85	54.94	70.31	55.35	69.90
FSMW-4B	137-147	2	124.86	123.57	52.29	72.57	54.14	70.72	54.23	70.63	54.75	70.11
FSMW-5A	60-70	2	119.30	118.05	47.15	72.15	48.74	70.56	48.94	70.36	49.56	69.74
FSMW-5B	130-140	2	119.19	117.99	47.14	72.05	48.73	70.46	48.90	70.29	49.44	69.75
FSMW-6A	59-69	2	120.44	119.17	48.36	72.08	49.95	70.49	50.13	70.31	50.73	69.71
FSMW-6B	137-147	2	120.61	119.36	48.79	71.82	50.50	70.11	50.61	70.00	51.03	69.58
FSMW-7A	60-70	2	122.46	121.26	50.70	71.76	52.29	70.17	52.47	69.99	52.97	69.49
FSMW-7B	136-146	2	122.68	121.44	51.12	71.56	52.73	69.95	52.86	69.82	53.28	69.40
FSMW-8A	64-74	2	122.95	121.64	50.54	72.41	52.30	70.65	52.59	70.36	53.14	69.81
FSMW-8B	132-142	2	123.07	121.75	50.72	72.35	52.72	70.35	52.65	70.42	53.19	69.88
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	52.81	72.59	54.85	70.55	54.72	70.68	54.50	70.90
FSMW-9B	137-147	2	125.28	123.91	52.78	72.50	54.51	70.77	55.09	70.19	55.23	70.05
FSMW-10A	60-70	2	124.87	123.59	52.15	72.72	53.84	71.03	54.13	70.74	54.67	70.20
FSMW-10B	137-147	2	125.02	123.68	52.41	72.61	54.27	70.75	54.47	70.55	53.90	71.12
FSMW-11	139-149	2	120.80	119.34	NM	NM	NM	NM	50.53	70.27	50.96	69.84
FSMW-12	139-149	2	122.55	121.30	50.74	71.81	52.43	70.12	52.59	69.96	53.00	69.55
FSMW-13A	69-79	2	119.25	118.00	47.80	71.45	49.42	69.83	49.44	69.81	49.89	69.36
FSMW-13B	119-129	2	119.18	117.94	47.78	71.40	49.40	69.78	49.42	69.76	49.85	69.33
FSMW-13C	239-249	2	119.07	117.81	48.26	70.81	49.81	69.26	49.75	69.32	50.10	68.97
FSMW-14A	119-129	2	118.39	117.16	47.14	71.25	48.71	69.68	48.75	69.64	49.17	69.22
FSMW-14B	159-169	2	118.57	117.36	47.43	71.14	49.02	69.55	49.04	69.53	49.43	69.14
FSMW-14C	239-249	2	118.42	117.19	47.62	70.80	49.19	69.23	49.16	69.26	49.48	68.94
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/21/2017		9/27/2017		12/22/2017		3/15/2018	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NA	NA	NA	NA	NA	NA	NM	NM
EX-1B	100-150	6	NA	119.74	NA	NA	NA	NA	NA	NA	NM	NM
EX-1C	150-200	6	NA	119.77	NA	NA	NA	NA	NA	NA	NM	NM
EX-1D	200-240	6	NA	120.05	NA	NA	NA	NA	NA	NA	NM	NM
LRF-1	50-70	4	126.91	125.65	55.67	71.24	56.14	70.77	55.58	71.33	56.08	70.83
FSMW-1A	58-68	2	127.29	126.03	55.83	71.46	56.30	70.99	56.75	70.54	56.26	71.03
FSMW-1B	117-127	2	127.34	125.97	56.00	71.34	56.59	70.75	56.82	70.52	56.48	70.86
FSMW-2A	60-70	4	126.33	124.74	54.84	71.49	55.25	71.08	55.65	70.68	55.22	71.11
FSMW-2B	114-124	2	126.04	125.05	55.15	70.89	55.68	70.36	56.04	70.00	55.64	70.40
FSMW-3A	60-70	2	127.45	126.15	56.27	71.18	56.73	70.72	57.10	70.35	56.81	70.64
FSMW-3B	135-145	2	127.53	126.23	56.35	71.18	57.00	70.53	57.33	70.20	56.95	70.58
FSMW-4A	60-70	2	125.25	123.95	54.43	70.82	54.73	70.52	55.07	70.18	54.73	70.52
FSMW-4B	137-147	2	124.86	123.57	53.89	70.97	54.43	70.43	54.82	70.04	54.36	70.50
FSMW-5A	60-70	2	119.30	118.05	48.54	70.76	49.24	70.06	43.00	76.30	48.87	70.43
FSMW-5B	130-140	2	119.19	117.99	48.47	70.72	49.18	70.01	49.61	69.58	48.82	70.37
FSMW-6A	59-69	2	120.44	119.17	49.64	70.80	50.45	69.99	NM	NM	49.97	70.47
FSMW-6B	137-147	2	120.61	119.36	50.05	70.56	50.88	69.73	51.26	69.35	50.38	70.23
FSMW-7A	60-70	2	122.46	121.26	52.02	70.44	52.77	69.69	53.23	69.23	NM	NM
FSMW-7B	136-146	2	122.68	121.44	52.35	70.33	53.20	69.48	53.56	69.12	NM	NM
FSMW-8A	64-74	2	122.95	121.64	52.12	70.83	52.71	70.24	53.10	69.85	52.49	70.46
FSMW-8B	132-142	2	123.07	121.75	52.23	70.84	53.05	70.02	52.85	70.22	52.62	70.45
FSMW-8C	170-180	2	NA	121.43	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-8D	223-233	2	NA	121.65	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-9A	60-70	2	125.40	124.10	54.54	70.86	55.04	70.36	55.38	70.02	54.91	70.49
FSMW-9B	137-147	2	125.28	123.91	54.31	70.97	54.87	70.41	55.20	70.08	54.72	70.56
FSMW-10A	60-70	2	124.87	123.59	53.71	71.16	54.36	70.51	54.75	70.12	54.26	70.61
FSMW-10B	137-147	2	125.02	123.68	54.00	71.02	54.58	70.44	54.99	70.03	54.46	70.56
FSMW-11	139-149	2	120.80	119.34	49.95	70.85	50.71	70.09	51.11	69.69	50.29	70.51
FSMW-12	139-149	2	122.55	121.30	52.04	70.51	52.83	69.72	53.25	69.30	52.40	70.15
FSMW-13A	69-79	2	119.25	118.00	48.89	70.36	49.85	69.40	50.24	69.01	49.18	70.07
FSMW-13B	119-129	2	119.18	117.94	48.86	70.32	49.84	69.34	50.19	68.99	49.19	69.99
FSMW-13C	239-249	2	119.07	117.81	49.24	69.83	50.23	68.84	50.44	68.63	49.76	69.31
FSMW-14A	119-129	2	118.39	117.16	48.31	70.08	49.14	69.25	49.55	68.84	48.49	69.90
FSMW-14B	159-169	2	118.57	117.36	48.63	69.94	49.45	69.12	49.80	68.77	48.80	69.77
FSMW-14C	239-249	2	118.42	117.19	48.74	69.68	49.61	68.81	49.88	68.54	49.09	69.33
FSMW-19A	70-80	2	NA	120.32	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19B	120-130	2	NA	120.22	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19C	170-180	2	NA	120.17	NA	NA	NA	NA	NA	NA	NA	NA
FSMW-19D	223-233	2	NA	120.60	NA	NA	NA	NA	NA	NA	NA	NA

Table 2
Historical Groundwater Elevations

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used prior to Q2 2018 ¹ (feet AMSL)	Well Elevation Used starting Q2 2018 ² (feet AMSL)	6/27 and 6/28/2018		10/1/2018		12/12/2018	
					Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)	Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	NA	120.07	NM	NM	NM	NM	49.64	70.43
EX-1B	100-150	6	NA	119.74	NM	NM	NM	NM	51.75	67.99
EX-1C	150-200	6	NA	119.77	NM	NM	NM	NM	56.64	63.13
EX-1D	200-240	6	NA	120.05	NM	NM	NM	NM	61.60	58.45
LRF-1	50-70	4	126.91	125.65	NM	NM	55.36	70.29	54.47	71.18
FSMW-1A	58-68	2	127.29	126.03	55.74	70.29	55.53	70.50	54.63	71.40
FSMW-1B	117-127	2	127.34	125.97	55.96	70.01	55.60	70.37	55.04	70.93
FSMW-2A	60-70	4	126.33	124.74	54.78	69.96	54.47	70.27	53.57	71.17
FSMW-2B	114-124	2	126.04	125.05	55.13	69.92	54.86	70.19	53.96	71.09
FSMW-3A	60-70	2	127.45	126.15	56.20	69.95	55.92	70.23	55.02	71.13
FSMW-3B	135-145	2	127.53	126.23	56.45	69.78	56.17	70.06	55.15	71.08
FSMW-4A	60-70	2	125.25	123.95	54.31	69.64	53.89	70.06	53.10	70.85
FSMW-4B	137-147	2	124.86	123.57	54.02	69.55	53.64	69.93	42.71	80.86
FSMW-5A	60-70	2	119.30	118.05	49.78	68.27	NM	NM	NM	NM
FSMW-5B	130-140	2	119.19	117.99	49.70	68.29	48.36	69.63	47.70	70.29
FSMW-6A	59-69	2	120.44	119.17	50.92	68.25	49.60	69.57	48.55	70.62
FSMW-6B	137-147	2	120.61	119.36	51.39	67.97	50.22	69.14	49.15	70.21
FSMW-7A	60-70	2	122.46	121.26	53.30	67.96	52.02	69.24	50.91	70.35
FSMW-7B	136-146	2	122.68	121.44	53.71	67.73	52.49	68.95	51.58	69.86
FSMW-8A	64-74	2	122.95	121.64	52.20	69.44	51.89	69.75	50.95	70.69
FSMW-8B	132-142	2	123.07	121.75	52.39	69.36	52.01	69.74	51.11	70.64
FSMW-8C	170-180	2	NA	121.43	52.43	69.00	52.16	69.27	51.04	70.39
FSMW-8D	223-233	2	NA	121.65	52.62	69.03	52.41	69.24	51.25	70.40
FSMW-9A	60-70	2	125.40	124.10	55.55	68.55	54.29	69.81	53.32	70.78
FSMW-9B	137-147	2	125.28	123.91	55.36	68.55	54.08	69.83	53.14	70.77
FSMW-10A	60-70	2	124.87	123.59	54.87	68.72	53.52	70.07	52.65	70.94
FSMW-10B	137-147	2	125.02	123.68	55.11	68.57	53.76	69.92	52.83	70.85
FSMW-11	139-149	2	120.80	119.34	51.19	68.15	49.90	69.44	48.88	70.46
FSMW-12	139-149	2	122.55	121.30	53.34	67.96	52.32	68.98	51.23	70.07
FSMW-13A	69-79	2	119.25	118.00	49.35	68.65	48.96	69.04	47.86	70.14
FSMW-13B	119-129	2	119.18	117.94	49.38	68.56	49.00	68.94	49.90	68.04
FSMW-13C	239-249	2	119.07	117.81	49.62	68.19	49.35	68.46	48.14	69.67
FSMW-14A	119-129	2	118.39	117.16	49.02	68.14	48.32	68.84	47.20	69.96
FSMW-14B	159-169	2	118.57	117.36	49.05	68.31	48.72	68.64	47.53	69.83
FSMW-14C	239-249	2	118.42	117.19	50.13	67.06	48.73	68.46	47.49	69.70
FSMW-19A	70-80	2	NA	120.32	51.52	68.80	50.60	69.72	50.32	70.00
FSMW-19B	120-130	2	NA	120.22	51.43	68.79	50.56	69.66	49.58	70.64
FSMW-19C	170-180	2	NA	120.17	51.71	68.46	51.06	69.11	49.63	70.54
FSMW-19D	223-233	2	NA	120.60	52.15	68.45	51.48	69.12	49.93	70.67

Notes:

- 1 Historical well elevations obtained from prior reports.
- 2 All wells were resurveyed in 2018; new well elevations used for June 2018 groundwater elevations.
- bgs below ground surface
- AMSL above mean sea level
- NA Well did not exist during gauging activities on that date.
- NM Water level not measured.

Table 3
Groundwater Monitoring Results - Fourth Quarter 2018

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-1A 12/12/2018 58-68 feet bgs (µg/L)		FSMW-2A 12/11/2018 60-70 feet bgs (µg/L)		FSMW-2B 12/11/2018 114-124 feet bgs (µg/L)		FSMW-4A 12/11/2018 60-70 feet bgs (µg/L)		FSMW-4A (Duplicate) 12/11/2018 60-70 feet bgs (µg/L)		FSMW-4B 12/11/2018 137-147 feet bgs (µg/L)		FSMW-8A 12/12/2018 64-74 feet bgs (µg/L)		FSMW-13A 12/12/2018 69-79 feet bgs (µg/L)		FSMW-14A 12/12/2018 119-129 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	2.4	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	3.7	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	4.3	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	2.6	U
1,1-Dichloroethene	5	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	1.2	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	4.3	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	1.2		3.5	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	19	U
2-Hexanone	50	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	29	U
4-Methyl-2-Pentanone (MIBK)	NC	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	27	U
Acetone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	52	B
Benzene	1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	4.3	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	3.4	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	5.4	U
Bromomethane	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
Carbon disulfide	60	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	1.6	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	2.1	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	3.8	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	4.1	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	3.2	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	3.3	U
Chloromethane	5	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	1.4	U
cis-1,2-Dichloroethene	5	80		28		0.22	U	0.66	J	0.66	J	0.22	U	0.41	J	10		2.7	J
cis-1,3-Dichloropropene	0.4	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	4.6	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	3	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	3.2	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	4.2	U
Tetrachloroethene	5	240		340		0.86	J	20		20		6.1		8.3		280		2,900	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	3.8	U
trans-1,2-Dichloroethene	5	0.24	U	0.31	J	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.32	J	2.4	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	4.9	U
Trichloroethene	5	54		17		0.31	U	0.31	U	0.31	U	1.5		0.35	J	10		42	
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	1.7	U
Total Xylenes	5	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	6.5	U

Table 3
Groundwater Monitoring Results - Fourth Quarter 2018

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	FSMW-14B 12/12/2018 159-169 feet bgs (µg/L)	
Analyte			
1,1,1-Trichloroethane	5	1.2	U
1,1,2,2-Tetrachloroethane	5	1.8	U
1,1,2-Trichloroethane	1	2.2	U
1,1-Dichloroethane	5	1.3	U
1,1-Dichloroethene	5	0.59	U
1,2-Dichloroethane	0.6	2.2	U
1,2-Dichloropropane	1	1.8	U
2-Butanone (MEK)	50	9.3	U
2-Hexanone	50	15	U
4-Methyl-2-Pentanone (MIBK)	NC	14	U
Acetone	50	29	B
Benzene	1	2.1	U
Bromodichloromethane	50	1.7	U
Bromoform	50	2.7	U
Bromomethane	5	5	U
Carbon disulfide	60	0.78	U
Carbon tetrachloride	5	1	U
Chlorobenzene	5	1.9	U
Chlorobromomethane	5	2.1	U
Chloroethane	5	1.6	U
Chloroform	7	1.6	U
Chloromethane	5	0.72	UJ
cis-1,2-Dichloroethene	5	7.8	
cis-1,3-Dichloropropene	0.4	2.3	U
Ethylbenzene	5	1.5	U
Methylene chloride	5	1.6	U
Styrene	5	2.1	U
Tetrachloroethene	5	1,300	
Toluene	5	1.9	U
trans-1,2-Dichloroethene	5	1.2	U
trans-1,3-Dichloropropene	0.4	2.4	U
Trichloroethene	5	36	
Vinyl chloride	2	0.86	U
Total Xylenes	5	3.3	U

Notes:

(a) New York State Ambient Water Quality Standards and Guidance Values, June 2004

µg/L micrograms per liter

bgs below ground surface

Bold Detected Value

Bold and highlight Detected value exceeds criteria

U Undetected

J Estimated

UJ Undetected and estimated

B Analyte also detected in associated laboratory blank; result possible laboratory contamination.

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2016		2015		2014		2013				2012		2010	
		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1 - Duplicate		LRF-1		LRF-1	
		Mar-18		Dec-16		Oct-15		Oct-14		Oct-13		Oct-13		Nov-12		Sep-10	
		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.0	U	1.0	U	11	U	2.1	U	2.1	U	2.1	U	2.1	U	0.21	J
1,1,2,2-Tetrachloroethane	5	1.0	U	1.0	UJ	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	1.0	U	1.0	U	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
1,1-Dichloroethane	5	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
1,1-Dichloroethene	5	1.0	U	1.0	U	13	U	2.5	U	2.5	U	2.5	U	2.5	UJ	0.10	U
1,2-Dichloroethane	0.6	1.0	U	1.0	U	4.2	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	1.0	U	1.0	UJ	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
2-Hexanone	50	1.0	U	1.0	U	9.0	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Acetone	50	12	U	1.0	UJ	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	1.4	J
Benzene	1	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	1.0	U	1.0	U	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
Bromoform	50	1.0	U	1.0	U	25	U	5.0	UJ	5.0	U	5.0	U	5.0	UJ	0.10	U
Bromomethane	5	1.0	U	1.0	U	22	U	4.3	U	4.3	UJ	4.3	UJ	4.3	UJ	0.10	U
Carbon disulfide	60	1.0	U	1.0	U	11	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U
Carbon tetrachloride	5	1.0	U	1.0	U	10	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	1.0	U	1.0	U	13	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U
Chloroform	7	1.0	U	1.0	U	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
Chloromethane	5	1.0	U	1.0	UJ	12	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*
cis-1,2-Dichloroethene	5	120		67	J	36	J	30		1.8	U	1.8	U	1.8	U	0.17	J
cis-1,3-Dichloropropene	0.4	1.0	U	1.0	U	7.0	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	4.5	U	1.0	U	6.5	U	1.3	U	1.3	U	1.3	U	1.3	U	0.22	JB
Styrene	5	1.0	U	1.0	U	8.5	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	930		800		320		600	D	4.9	J	5.1	J	7.7	J	33	
Toluene	5	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	2.0	J	0.10	U
trans-1,2-Dichloroethene	5	1.0	U	1.0	U	9.5	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.0	U	1.0	U	8.0	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	100		87	J	48	J	130		1.9	U	1.9	U	1.9	U	2.8	J
Vinyl chloride	2	1.0	U	1.0	U	12	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.0	U	1.0	U	4.1	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009		2008		2007		2006		2018							
		LRF-1		LRF-1		LRF-1		LRF-1		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
		Sep-09		Sep-08		Aug-07		Aug-06		Dec-18		Sep-18		Jun-18		Mar-18	
		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		45-65 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	1.6	J	100	U	0.24	U	0.24	U	0.24	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	100	U	0.37	U	0.37	U	0.37	U	0.20	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	100	U	0.43	U	0.43	U	0.43	U	0.20	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	100	U	0.26	U	0.26	U	0.26	U	0.20	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	100	U	0.12	U	0.12	U	0.12	U	0.20	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	100	U	0.43	U	0.43	U	0.43	U	0.20	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	100	U	0.35	U	0.35	U	0.35	U	0.20	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	100	U	1.9	U	1.9	U	1.9	U	0.20	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	100	U	2.9	U	2.9	U	2.9	U	0.20	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	100	U	2.7	U	2.7	U	2.7	U	0.20	U
Acetone	50	0.10	U*	0.10	U	0.10	U	100	U	5	U	5	U	5	U	0.20	U
Benzene	1	0.10	U	0.10	U	0.10	U	100	U	0.43	U	0.43	U	0.43	U	0.20	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	100	U	0.34	U	0.34	U	0.34	U	0.20	U
Bromoform	50	0.10	U	0.10	U	0.10	U	100	U	0.54	U	0.54	U	0.54	U	0.20	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	100	UJ	1	U	1	U	1	U	0.20	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	100	U	0.16	U	0.16	U	0.16	U	0.20	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	100	U	0.21	U	0.21	U	0.21	U	0.20	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	100	U	0.38	U	0.38	U	0.38	U	0.20	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	100	U	0.41	U	0.41	U	0.41	U	0.20	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	100	UJ	0.32	U	0.32	U	0.32	U	0.20	U
Chloroform	7	0.10	U	0.10	U	0.10	U	100	U	0.33	U	0.33	U	0.33	U	0.20	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	100	U	0.14	UJ	0.14	U	0.14	U	0.20	U
cis-1,2-Dichloroethene	5	0.16	J	0.10	U	0.10	U	100	U	80		36		69		150	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	100	U	0.46	U	0.46	U	0.46	U	0.20	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	100	U	0.3	U	0.3	U	0.3	U	0.20	U
Methylene chloride	5	0.40	JB	0.10	U	0.10	U	100	U	0.32	U	0.32	U	0.32	U	0.20	U
Styrene	5	0.10	U	0.10	U	0.10	U	100	U	0.42	U	0.42	U	0.42	U	0.20	U
Tetrachloroethene	5	210		220		710	J	890		240		140		180		310	
Toluene	5	0.10	U	0.10	U	0.10	U	100	U	0.38	U	0.38	U	0.38	U	0.20	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	100	U	0.24	U	0.28	J	0.34	J	0.80	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	100	U	0.49	U	0.49	U	0.49	U	0.20	U
Trichloroethene	5	24		37		73		33	J	54		24		44		66	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	100	U	0.17	U	0.17	U	0.17	U	0.20	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		0.3	U	NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		0.36	U	NA	
Total Xylenes	5	0.10	U	0.10	U	100	U	82	U	0.65	U	0.65	U	NA		0.20	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2017												2016			
		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A	
		Dec-17		Sep-17		Sep-17		Jun-17		Mar-17		Mar-17		Dec-16		Sep-16	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.20	U	0.20	U	0.50	UJ	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.20	U	0.20	U	0.50	U	0.10	UJ	0.10	UJ	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	UJ	0.10	U
2-Hexanone	50	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	U	0.20	U	0.20	U	0.50	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ
Benzene	1	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Carbon disulfide	60	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	UJ	0.10	U
cis-1,2-Dichloroethene	5	62		63		62		110	J	48		48		13		15	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	180		180		170	D	400		300	D	300	D	180		170	ED
Toluene	5	0.10	J	0.71	J	0.67	J	0.5	U	3.7	J	0.10	U	3.7	J	0.10	U
trans-1,2-Dichloroethene	5	0.29	J	0.49	J	0.20	U	1.1	J	0.46	J	0.45	J	0.10	U	0.32	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	35		32		32		57		60		61		32		33	
Vinyl chloride	2	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.20	U	0.20	U	0.50	UJ	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2016						2015						2014			
		FSMW-1A		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A			
		Jul-16		Jul-16		Apr-16		Dec-15		Sep-15		Jul-15		Mar-15			
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs			
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)			
Analyte																	
1,1,1-Trichloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	4.2	U	11	U	1.0	U	4.2	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.10	U	0.10	U	3.8	U	9.5	U	1.0	U	3.8	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	UJ	1.0	UJ	3.4	U
1,1-Dichloroethene	5	0.20	U	0.20	U	0.10	U	0.10	U	5.0	U	13	U	1.0	U	5.0	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U	0.10	U	0.10	U	1.7	U	4.2	UJ	1.0	UJ	1.7	U
1,2-Dichloropropane	1	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U
2-Butanone (MEK)	50	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	UJ
2-Hexanone	50	0.20	U	0.20	U	0.10	U	0.10	U	3.6	U	9.0	U	1.0	U	3.6	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U
Acetone	50	0.20	UJ	0.20	UJ	0.10	U	0.10	UJ	3.8	U	9.5	U	1.0	U	3.8	UJ
Benzene	1	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U
Bromodichloromethane	50	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U	3.0	U
Bromoform	50	0.20	U	0.20	U	0.10	U	0.10	U	10	U	25	U	1.0	U	10	U
Bromomethane	5	0.20	U	0.20	U	0.10	U	0.10	U	8.6	U	22	U	1.0	U	8.6	U
Carbon disulfide	60	0.20	U	0.20	U	0.10	U	0.10	U	4.2	U	11	U	1.0	U	4.2	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.10	U	0.10	U	4.0	U	10	U	1.0	U	4.0	U
Chlorobenzene	5	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U
Chlorobromomethane	5	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U
Chloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	5.0	U	13	U	1.0	U	5.0	U
Chloroform	7	0.20	U	0.20	U	0.10	U	0.10	U	3.8	U	9.5	U	1.0	U	3.8	U
Chloromethane	5	0.20	U	0.20	U	0.10	U	0.10	U	4.6	U	12	U	1.0	U	4.6	U
cis-1,2-Dichloroethene	5	17	J	17	J	4.8	J	11		7.9	J	9.0	J	1.8	J	3.6	U
cis-1,3-Dichloropropene	0.4	0.20	U	0.20	U	0.10	U	0.10	U	2.8	U	7.0	U	1.0	U	2.8	U
Ethylbenzene	5	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U
Methylene chloride	5	0.20	U	0.20	U	0.10	U	0.10	UJ	2.6	U	6.5	U	1.0	U	2.6	U
Styrene	5	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U	3.4	U
Tetrachloroethene	5	240		250		140		170	D	220		330		990		150	
Toluene	5	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	0.10	UJ	0.17	J	3.8	U	9.5	U	1.0	U	3.8	U
trans-1,3-Dichloropropene	0.4	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U	3.2	U
Trichloroethene	5	43		41		17		25		23		19	J	65		11	J
Vinyl chloride	2	0.20	U	0.20	U	0.10	U	0.10	U	4.6	U	12	U	1.0	U	4.6	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.20	U	0.20	U	0.10	U	0.10	U	1.6	U	4.1	U	1.0	U	1.6	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014						2013				2012					
		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate	
		Oct-14		Jun-14		Mar-14		Oct-13		Jul-13		Nov-12		Jul-12		Jul-12	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	UJ	1.5	UJ
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	UJ	4.3	U	4.3	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	3.3	J	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	210	J	10		2.4	J	2.1	U	2.6	J	3.0	U	2.1	J	2.1	UJ
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	4.5	J	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.9	U	1.6	U
Trichloroethene	5	38		1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2012		2011						2010							
		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
		Apr-12		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10		Jun-10		Mar-10	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	0.10	U	0.30	J	0.22	J	0.25	J	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	1.5	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U*	0.10	U*
2-Hexanone	50	1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	U	1.9	UJ	0.72	UJ	0.36	UJ	0.76	JB*	1.1	J	0.10	U*	0.61	JB*
Benzene	1	1.6	U	1.60	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Carbon disulfide	60	2.1	U	2.1	U	0.10	U	0.18	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	2.5	U	0.10	U	0.10	UJ	0.10	U	0.52	J	0.10	U	0.10	U
Chloroform	7	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.16	J*	0.10	U	0.10	U*
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.32	J	0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	0.45	U	0.25	U	0.48	JB	0.24	JB	0.19	JB	0.35	JB
Styrene	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	2.1	U	6.0	U	4.4	J	6.1	J	7.3	J	21		27		65	
Toluene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.17	J	0.18	J	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	1.1	J	1.1	J	0.87	J	0.94	J	1.7	J	4.5	J
Vinyl chloride	2	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009										2008					
		FSMW-1A		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
		Dec-09		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Jun-08	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.33	J	0.10	U	0.40	J	0.54	J	0.10	U	0.10	U	0.10	U	0.93	J
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U
Acetone	50	1.2	JB*	1.5	JB*	0.78	JB*	1.0	JB*	0.76	JB*	0.10	U	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	1.0	J	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.34	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.50	JB	0.53	JB	0.38	JB	0.33	JB	0.10	U	0.10	U	0.24	JB	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	30		30		56		63		75	B	71		51		190	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.6	J	1.6	J	3.0	J	1.7	J	2.5	J	1.7	J	1.5	J	3.7	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2008				2007								2006			
		FSMW-1A		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
		Mar-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06	
		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1,1-Dichloroethane	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1,1-Dichloroethene	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
1,2-Dichloropropane	1	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
2-Butanone (MEK)	50	0.20	U	0.20	U	10	U	0.10	U	50	U	50	U	10	UJ	50	U
2-Hexanone	50	0.20	U	0.20	U	10	U	0.10	U	50	U	50	U	10	UJ	50	U
4-Methyl-2-Pentanone (MIBK)	NC	0.20	U	0.20	U	10	U	0.10	U	50	U	50	U	10	UJ	50	U
Acetone	50	0.20	U	0.20	U	10	U	0.10	U	50	UJ	50	U	10	UJ	50	U
Benzene	1	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Bromodichloromethane	50	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Bromoform	50	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Bromomethane	5	0.20	U	0.20	U	5	UJ	0.10	U	50	U	50	U	10	UJ	50	UJ
Carbon disulfide	60	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Carbon tetrachloride	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Chlorobenzene	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Chlorobromomethane	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Chloroethane	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	UJ
Chloroform	7	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Chloromethane	5	0.20	U	0.20	U	5	U	0.10	U	50	UJ	50	U	10	UJ	50	U
cis-1,2-Dichloroethene	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	1	J	50	U
cis-1,3-Dichloropropene	0.4	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Ethylbenzene	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Methylene chloride	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Styrene	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Tetrachloroethene	5	250		210		340		160		540		740		1,100	J	410	
Toluene	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
trans-1,3-Dichloropropene	0.4	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U
Trichloroethene	5	5.1		4.6	J	7.2		9.9	J	31	J	39	J	86	J	18	J
Vinyl chloride	2	0.20	U	0.20	U	5	U	0.10	U	50	UJ	50	U	10	UJ	50	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.20	U	0.20	U	5	U	0.10	U	50	U	50	U	10	UJ	50	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2016		2015		2014		2013		2012				2010	
		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B - Duplicate		FSMW-1B	
		Mar-18		Dec-16		Sep-15		Oct-14		Oct-13		Nov-12		Nov-12		Sep-10	
		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
2-Hexanone	50	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Acetone	50	2.6	U	0.10	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.7	J
Benzene	1	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ	5.0	UJ	0.10	U
Bromomethane	5	0.10	U	0.10	U	4.3	U	4.3	U	4.3	UJ	4.3	UJ	4.3	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U
Chloroform	7	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
Chloromethane	5	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.22	J*
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	0.43	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.27	JB
Styrene	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	1.2	J	0.10	U	2.1	U	2.1	U	2.8	J	2.9	U	2.1	U	0.86	J
Toluene	5	0.10	U	1.8	J	1.6	U	1.6	U	1.6	U	12		12		0.86	J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
Vinyl chloride	2	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009		2008		2007		2006		2018							
		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-2A		FSMW-2A		FSMW-2A (Duplicate)		FSMW-2A	
		Sep-09		Sep-08		Aug-07		Aug-06		Dec-18		Oct-18		Oct-18		Jun-18	
		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.24	U	0.48	U	0.48	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.37	U	0.73	U	0.73	U	0.37	UJ
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	10	U	0.43	U	0.87	U	0.87	U	0.43	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.26	U	0.53	U	0.53	U	0.26	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.12	U	0.23	U	0.23	U	0.12	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	10	U	0.43	U	0.86	U	0.86	UJ	0.43	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	10	U	0.35	U	0.71	U	0.71	U	0.35	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	10	U	1.9	U	3.7	U	3.7	U	1.9	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	10	U	2.9	U	5.8	U	5.8	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	2.7	U	5.5	U	5.5	U	2.7	U
Acetone	50	1.1	JB*	0.10	U*	0.10	U	10	U	5	U	10	U	10	U	5	U
Benzene	1	0.10	U	0.10	U	0.10	U	10	U	0.43	U	0.86	U	0.86	U	0.43	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	10	U	0.34	U	0.69	U	0.69	U	0.34	U
Bromoform	50	0.10	U	0.10	U	0.10	U	10	U	0.54	U	1.1	U	1.1	U	0.54	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	10	UJ	1	UJ	2	U	2	U	1	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	10	U	0.16	U	0.31	U	0.31	U	0.16	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	10	U	0.21	U	0.42	U	0.42	U	0.21	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.38	U	0.75	U	0.75	U	0.38	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	10	U	0.41	U	0.82	U	0.82	U	0.41	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	10	UJ	0.32	U	0.64	U	0.64	U	0.32	U
Chloroform	7	0.10	U	0.10	U	0.10	U	10	U	0.33	U	0.65	U	0.65	U	0.33	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	10	U	0.14	UJ	0.29	UJ	0.29	UJ	0.14	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	28		28		27		10	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	0.46	U	0.91	U	0.91	U	0.46	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.3	U	0.6	U	0.6	U	0.3	U
Methylene chloride	5	0.35	JB	0.10	U	0.10	U	10	U	0.32	U	0.63	U	0.63	U	0.32	U
Styrene	5	0.10	U	0.10	U	0.10	U	10	U	0.42	U	0.83	U	0.83	U	0.42	U
Tetrachloroethene	5	0.69	J	0.10	U	0.33	J	17		340		350		340		200	
Toluene	5	0.15	J	0.10	U	0.10	U	10	U	0.38	U	0.76	U	0.76	U	0.38	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.31	J	0.47	U	0.47	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	0.49	U	0.97	U	0.97	U	0.49	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	17		19		19		7.9	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	10	U	0.17	U	0.34	U	0.34	U	0.17	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		0.3	U
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		0.36	U
Total Xylenes	5	0.10	U	0.10	U	10	U	0.82	U	0.65	U	1.3	U	1.3	U	NA	

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2017											
		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A - Duplicate	
		Mar-18		Dec-17		Dec-17		Sep-17		Sep-17		Jun-17		Jun-17	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	UJ	0.20	UJ
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	UJ	0.20	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chlorobenzene	5	0.37	J	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
cis-1,2-Dichloroethene	5	45		10		11	J	7.6	J	6.8	J	7.3	J	6.6	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Methylene chloride	5	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Tetrachloroethene	5	450	D	200		190		180		170		290		280	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
trans-1,2-Dichloroethene	5	0.43	J	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Trichloroethene	5	19		7.9	J	7.8	J	6.6	J	5.7	J	6.9	J	6.5	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	UJ	0.20	UJ

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2016										2015					
		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A	
		Dec-16		Sep-16		Jun-16		Apr-16		Apr-16		Dec-15		Oct-15		Jul-15	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	42	U	210	U
1,1,2,2-Tetrachloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U
1,1,2-Trichloroethane	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U
1,1-Dichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U
1,1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	50	U	250	U
1,2-Dichloroethane	0.6	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	17	U	83	U
1,2-Dichloropropane	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U
2-Butanone (MEK)	50	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U
2-Hexanone	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	36	U	180	U
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U
Acetone	50	1.0	UJ	1.0	UJ	1.0	UJ	1.0	U	1.0	U	0.10	UJ	38	U	190	U
Benzene	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U
Bromodichloromethane	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U
Bromoform	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	100	U	500	U
Bromomethane	5	1.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U	0.10	U	86	U	430	U
Carbon disulfide	60	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	42	U	210	U
Carbon tetrachloride	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	40	U	200	U
Chlorobenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.43	J	32	U	160	U
Chlorobromomethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U
Chloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	50	U	250	U
Chloroform	7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U
Chloromethane	5	1.0	UJ	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	46	U	230	U
cis-1,2-Dichloroethene	5	25	J	19	J	17	J	26	J	27	J	37		38	J	180	U
cis-1,3-Dichloropropene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	28	U	140	U
Ethylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U
Methylene chloride	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	UJ	26	U	130	U
Styrene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U
Tetrachloroethene	5	1,000		840		1,000		1,300		1,300		1,200	D	2,000		8,100	
Toluene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U
trans-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U
trans-1,3-Dichloropropene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U
Trichloroethene	5	37	J	32	J	32	J	53	J	53	J	61		61	J	280	J
Vinyl chloride	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	46	U	230	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	16	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2015		2014								2013					
		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A	
		Mar-15		Dec-14		Sep-14		Sep-14		Jun-14		Jun-14		Mar-14		Oct-13	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	10	U	110	U	110	U	110	U	110	U	110	U	210	U	2.1	U
1,1,2,2-Tetrachloroethane	5	10	U	75	U	75	U	75	U	75	U	75	U	150	U	1.5	U
1,1,2-Trichloroethane	1	10	U	95	U	95	U	95	U	95	U	95	U	190	U	1.9	U
1,1-Dichloroethane	5	10	UJ	85	U	85	U	85	U	85	U	85	U	170	U	1.7	U
1,1-Dichloroethene	5	10	U	130	U	130	U	130	U	130	U	130	U	250	U	2.5	U
1,2-Dichloroethane	0.6	10	UJ	42	U	42	U	42	U	42	U	42	U	83	U	0.83	U
1,2-Dichloropropane	1	10	U	85	U	85	U	85	U	85	U	85	U	170	U	1.7	U
2-Butanone (MEK)	50	10	U	75	UJ	75	U	75	U	75	U	75	U	150	UJ	1.5	U
2-Hexanone	50	10	U	90	UJ	90	U	90	U	90	U	90	U	180	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	85	U	85	U	85	U	85	U	85	U	170	U	1.7	U
Acetone	50	10	U	95	UJ	95	U	95	U	95	U	95	U	190	U	1.9	U
Benzene	1	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U
Bromodichloromethane	50	10	U	75	U	75	U	75	U	75	U	75	U	150	U	1.5	U
Bromoform	50	10	U	250	U	250	U	250	UJ	250	U	250	U	500	U	5.0	U
Bromomethane	5	10	U	220	U	220	U	220	U	220	U	220	U	430	UJ	4.3	U
Carbon disulfide	60	10	U	110	U	110	U	110	U	110	U	110	U	210	U	2.1	U
Carbon tetrachloride	5	10	U	100	U	100	U	100	U	100	U	100	U	200	U	2.0	U
Chlorobenzene	5	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U
Chlorobromomethane	5	10	U	85	U	85	U	85	U	85	U	85	U	170	U	1.7	U
Chloroethane	5	10	U	130	U	130	U	130	U	130	U	130	U	250	U	2.5	U
Chloroform	7	10	U	95	U	95	U	95	U	95	U	95	U	190	U	1.9	U
Chloromethane	5	10	U	120	U	120	U	120	U	120	U	120	U	230	U	2.3	U
cis-1,2-Dichloroethene	5	140		290	J	180	J	200	J	130	J	140	J	180	U	110	
cis-1,3-Dichloropropene	0.4	10	U	70	U	70	U	70	U	70	U	70	U	140	U	1.4	U
Ethylbenzene	5	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U
Methylene chloride	5	10	U	65	U	65	U	65	U	65	U	120	J	130	U	1.3	U
Styrene	5	10	U	75	U	85	U	85	U	85	U	85	U	170	U	1.7	U
Tetrachloroethene	5	5,400		14,000	D	6,200		5,700		7,000		7,400		12,000		24,000	D
Toluene	5	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U
trans-1,2-Dichloroethene	5	10	U	95	U	95	U	95	U	95	U	95	U	190	U	1.9	U
trans-1,3-Dichloropropene	0.4	10	U	80	U	80	U	80	U	80	U	80	U	160	U	1.6	U
Trichloroethene	5	310		370	J	270	J	280	J	200	J	210	J	210	J	730	D
Vinyl chloride	2	10	U	120	U	120	U	120	U	120	U	120	U	230	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	41	U	41	U	41	U	41	U	41	U	82	U	0.82	U	4.1	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2013				2012						2011			
		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A	
		Jul-13		Jul-13		Nov-12		Jul-12		Apr-12		Apr-12		Dec-11	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	11	U	170	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	7.5	U	120	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	9.5	U	150	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	8.5	U	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	13	U	200	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	4.2	U	66	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	8.5	U	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	7.5	U	120	U	1.5	U	1.5	UJ	1.5	U	1.5	UJ	1.5	UJ
2-Hexanone	50	9.0	U	140	U	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	8.5	U	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	9.5	U	150	U	1.9	U	1.9	UJ	1.9	U	1.9	UJ	1.9	UJ
Benzene	1	8.0	U	130	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	7.5	U	120	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	25.0	U	400	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	22	U	340	U	4.3	UJ	4.3	U	4.3	UJ	4.3	UJ	4.3	U
Carbon disulfide	60	11	U	170	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	10.0	U	160	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	8.0	U	130	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	8.5	U	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	13	U	200	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	9.5	U	150	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	12	U	180	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	UJ
cis-1,2-Dichloroethene	5	160		140	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	7.0	U	110	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	8.0	U	130	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	6.5	U	100	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	8.5	U	140	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	9,300	D	9,600		780	D	2.3	J	26		28		14	U
Toluene	5	8.0	U	130	U	2.3	J	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	9.5	U	150	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	8.0	U	130	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	620		710	J	51		1.9	U	2.7	U	3.0	U	1.9	U
Vinyl chloride	2	12	U	180	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	65	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	1.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2011		2010								2009					
		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A	
		Mar-11		Dec-10		Sep-10		Jun-10		Mar-10		Dec-09		Sep-09		Jun-09	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.27	J	0.20	U	0.17	J	0.10	U	1.0	U	2.5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,1-Dichloroethene	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,2-Dichloropropane	1	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
2-Butanone (MEK)	50	0.20	UJ	0.20	U	0.10	U	0.10	U*	1.0	U*	2.5	U*	5	U	5	U
2-Hexanone	50	0.20	U	0.20	U	0.10	U	0.10	U*	1.0	U	2.5	U*	5	U	5	U
4-Methyl-2-Pentanone (MIBK)	NC	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Acetone	50	0.65	UJ	1.4	JB*	0.55	J	0.10	U*	7.10	JB*	7.1	JB*	5	U	120	JB
Benzene	1	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Bromodichloromethane	50	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Bromoform	50	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Bromomethane	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Carbon disulfide	60	1.4	U	0.20	JB	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Chlorobenzene	5	0.20	U	0.20	U	0.23	J	0.10	U	1.0	U	2.5	U	5	U	5	U
Chlorobromomethane	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Chloroethane	5	0.20	UJ	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Chloroform	7	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Chloromethane	5	0.20	U	0.20	U	0.10	U*	0.10	U	1.0	U	2.5	U	5	U	5	U
cis-1,2-Dichloroethene	5	150		73		70		0.10	U	56.00	J	16	J	13		5	U
cis-1,3-Dichloropropene	0.4	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Ethylbenzene	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Methylene chloride	5	2.2	U	4.3	JB	0.19	JB	0.27	JB	9.0	JB	14.0	JB	110	JB	74	JB
Styrene	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Tetrachloroethene	5	13,000	D	2,500		14,000	B	700		14,000		2,900		7,700		7,600	
Toluene	5	0.20	U	0.20	U	0.18	J	0.10	U	1.0	U	2.5	U	5		5	U
trans-1,2-Dichloroethene	5	2.8	J	0.76	J	1.5	J	0.10	U	1.0	U	2.5	U	5	U	5	U
trans-1,3-Dichloropropene	0.4	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Trichloroethene	5	600	D	150		350	J	10		440		76	J	230		190	J
Vinyl chloride	2	0.20	U	0.20	U	0.10	U*	0.10	U	1.0	U	2.5	U	5	U	5	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009		2008								2007					
		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A	
		Mar-09		Dec-08		Sep-08		Jun-08		Mar-08		Dec-07		Aug-07		May-07	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
1,1-Dichloroethane	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
1,1-Dichloroethene	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
1,2-Dichloropropane	1	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
2-Butanone (MEK)	50	100	U	10	U	0.50	U	1.0	U	10	U	10	U	0.10	U	0.10	U
2-Hexanone	50	100	U	10	U	0.50	U	1.0	U	10	U	10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	100	U	10	U*	0.50	U	1.0	U	10	U	10	U	0.10	U	0.10	U
Acetone	50	10	JB	10	U	0.50	U	1.0	U	10	U	10	U	0.10	UJ	0.10	U
Benzene	1	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Bromodichloromethane	50	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Bromoform	50	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Bromomethane	5	100	U	10	U	0.50	U	1.0	U	10	U	5	UJ	0.10	U	0.10	U
Carbon disulfide	60	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Carbon tetrachloride	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Chlorobenzene	5	1.8	J	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Chlorobromomethane	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Chloroethane	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Chloroform	7	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Chloromethane	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	8.1	J	10	U	3.5	J	16	J	11	J	27		3.9	J	3.9	J
cis-1,3-Dichloropropene	0.4	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Ethylbenzene	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Methylene chloride	5	10	JB	110	JB	21	JB	10	JB	10	U	5	U	0.10	U	0.10	U
Styrene	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Tetrachloroethene	5	8,900		8,600		4,900		12,000		12,000		9,300		3,800		3,800	B
Toluene	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
Trichloroethene	5	180		190	J	160		310		330		410	J	120		100	J
Vinyl chloride	2	100	U	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	0.50	U	1.0	U	10	U	5	U	0.10	U	0.10	U	1000.00	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2007						2006				2018					
		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2B		FSMW-2B		FSMW-2B	
		May-07		May-07		Feb-07		Nov-06		Aug-06		Dec-18		Sep-18		Jun-18	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	1,000	U	1,000	U	200	U	10	UJ	200	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.12	U	0.12	U	0.12	U
1,2-Dichloroethane	0.6	1,000	U	1,000	U	200	U	10	UJ	200	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	1,000	U	1,000	U	200	U	10	UJ	200	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	1,000	U	1,000	U	200	U	10	UJ	200	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	1,000	U	1,000	U	200	U	10	UJ	200	U	2.9	U	2.9	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	1,000	U	1,000	U	200	U	10	UJ	200	U	2.7	U	2.7	U	2.7	U
Acetone	50	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U	5	U	5	U	5	U
Benzene	1	1,000	U	1,000	U	200	U	10	UJ	200	U	0.43	U	0.43	U	0.43	U
Bromodichloromethane	50	1,000	U	1,000	U	200	U	10	UJ	200	U	0.34	U	0.34	U	0.34	U
Bromoform	50	1,000	U	1,000	U	200	U	10	UJ	200	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	1,000	U	1,000	U	200	U	10	UJ	200	U	1	U	1	U	1	U
Carbon disulfide	60	1,000	U	1,000	U	200	U	10	UJ	200	U	0.16	U	0.16	U	0.16	U
Carbon tetrachloride	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	1,000	U	1,000	U	200	U	0.8	J	200	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.41	U	0.41	UJ	0.41	U
Chloroethane	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.32	U	0.32	U	0.32	U
Chloroform	7	1,000	U	1,000	U	200	U	10	UJ	200	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U	0.14	UJ	0.14	UJ	0.14	U
cis-1,2-Dichloroethene	5	1,000	U	1,000	U	4.8	J	4	J	200	U	0.22	U	0.22	U	0.22	U
cis-1,3-Dichloropropene	0.4	1,000	U	1,000	U	200	U	10	UJ	200	U	0.46	U	0.46	U	0.46	U
Ethylbenzene	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.32	U	0.32	U	0.32	U
Styrene	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	11,000		11,000		3,800		4,100	J	2,500		0.86	J	0.62	J+	0.71	J
Toluene	5	1,000	U	1,000	U	200	U	10	UJ	200	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	1,000	U	1,000	U	200	U	1	J	200	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	1,000	U	1,000	U	200	U	10	UJ	200	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	230	J	220	J	96	J	140	J	53	J	0.31	U	0.31	U	0.31	U
Vinyl chloride	2	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U	0.17	U	0.17	U	0.17	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		0.3	U
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		0.36	U
Total Xylenes	5	1,000	U	200	U	10	UJ	200	U	0.82	U	0.65	U	0.65	U	NA	

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2017								2016					
		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B	
		Mar-18		Dec-17		Sep-17		Jun-17		Mar-17		Dec-16		Sep-16		Jun-16	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.33	J	0.43	J	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	1.1	J	1.5	J	0.84	J	1.7	J	1.3	J	1.4	J	1.2	J	2.1	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.39	J	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	0.30	J	0.24	J	0.10	U	0.21	J	0.18	J	0.10	U	0.16	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2016		2015										2014					
		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B	
		Apr-16		Dec-15		Oct-15		Jul-15		Mar-15		Dec-14		Sep-14		Jun-14			
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs			
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	2.10	U	2.1	U	0.10	U	2.10	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	1.70	U	1.7	U	0.10	UJ	1.70	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	2.50	U	2.5	U	0.10	U	2.50	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.83	U	0.83	U	0.10	UJ	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	UJ	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U	1.80	U	1.8	U	0.10	U	1.80	UJ	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	0.10	UJ	1.90	U	1.9	U	0.10	U	1.90	UJ	1.9	U	1.9	U	1.9	U
Benzene	1	0.10	U	0.37	J	1.60	U	1.6	U	1.0		1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	5.0	U	5.0	U	0.10	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	0.10	U	0.10	UJ	4.30	U	4.3	U	0.10	U	4.30	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	2.10	U	2.1	U	0.10	U	2.10	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	2.0	U	2.0	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	2.50	U	2.5	U	0.10	U	2.50	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	2.30	U	2.3	U	0.10	U	2.30	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	1.80	U	1.8	U	0.11	J	1.80	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.40	U	1.4	U	0.10	U	1.40	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	0.10	UJ	1.30	U	1.3	U	0.10	U	1.30	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	2.5	J	3.0		3.6	J	5.8	J	5.4		4.0	J	4.2	J	5.1	J		
Toluene	5	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	UJ	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.10	U	0.20	J	1.90	U	1.9	U	0.19	J	1.90	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	2.30	U	2.3	U	0.10	U	2.30	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.82	U	0.94	J	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014		2013				2012						2011	
		FSMW-2B		FSMW-2B		FSMW-2B - Duplicate		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B	
		Mar-14		Oct-13		Oct-13		Jul-13		Nov-12		Jul-12		Apr-12	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	UJ	1.5	U
2-Hexanone	50	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	1.9	U	1.9	U	2.1	UJ	1.9	U	1.9	U	1.9	UJ	1.9	U
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Bromomethane	5	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	UJ
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	6.1	J	3.5	U	3.7	U	4.2	J	2.7	U	2.8	J	4.7	J
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	J

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2011				2010						2009			
		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B - Duplicate		FSMW-2B		FSMW-2B	
		Jul-11		Mar-11		Dec-10		Sep-10		Sep-10		Mar-10		Dec-09	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.72	UJ	0.26	UJ	1.1	JB*	0.84	J	0.77	J	0.46	JB*	1.1	JB*
Benzene	1	0.96	J	1.2	J	2.2	J	2.3	J	2.4	J	1.3	J	0.43	J
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U
Carbon disulfide	60	0.10	U	0.31	U	0.10	U	0.10	U	0.10	U	0.20	JB	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.12	J
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.41	U	0.34	U	0.51	JB	0.19	JB	0.19	JB	0.40	JB	0.51	JB
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	3.9	J	13		2.3	J	37		5.5	J	4.0	J	3.2	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.11	J	0.94	J	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	0.21	J	0.10	U	0.33	J	0.10	U	0.10	U	0.10	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.29	J	1.4	J	0.79	J	0.78	J	0.68	J	0.30	J	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009				2008								2007			
		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B - Duplicate		FSMW-2B	
		Jun-09		Mar-09		Dec-08		Sep-08		Jun-08		Mar-08		Mar-08		Dec-07	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,1,2-Trichloroethane	1	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,1-Dichloroethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,1-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,2-Dichloroethane	0.6	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,2-Dichloropropane	1	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
2-Butanone (MEK)	50	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Hexanone	50	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	0.45	JB	10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Benzene	1	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Bromodichloromethane	50	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Bromoform	50	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Bromomethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ
Carbon disulfide	60	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Carbon tetrachloride	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chlorobenzene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chlorobromomethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chloroethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chloroform	7	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chloromethane	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Ethylbenzene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Methylene chloride	5	0.39	JB	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Styrene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Tetrachloroethene	5	4.4	J	5.1		9.0	J	3.9	J	4.7	J	5.1		4.4	J	13	
Toluene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
trans-1,2-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Trichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Vinyl chloride	2	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2007						2006				2018		2016		2015	
		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-3A		FSMW-3A		FSMW-3A	
		Aug-07		May-07		Feb-07		Nov-06		Aug-06		Mar-18		Dec-16		Sep-15	
		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		114-124 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	2.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.50	U
1,1,2-Trichloroethane	1	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.90	U
1,1-Dichloroethane	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.70	U
1,1-Dichloroethene	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	2.50	U
1,2-Dichloroethane	0.6	0.10	U	10	U	10	U	10	UJ	10	UJ	0.10	U	0.10	U	0.83	U
1,2-Dichloropropane	1	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.70	U
2-Butanone (MEK)	50	0.10	U	10	U	10	U	10	UJ	10	UJ	0.10	U	0.10	UJ	1.50	U
2-Hexanone	50	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.80	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.70	U
Acetone	50	0.10	UJ	10	UJ	10	U	10	UJ	10	U	0.10	U	0.10	UJ	1.90	U
Benzene	1	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.60	U
Bromodichloromethane	50	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.50	U
Bromoform	50	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	5.0	U
Bromomethane	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	4.30	U
Carbon disulfide	60	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	2.10	U
Carbon tetrachloride	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	2.0	U
Chlorobenzene	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.60	U
Chlorobromomethane	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.70	U
Chloroethane	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	2.50	U
Chloroform	7	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.90	U
Chloromethane	5	0.10	U	10	UJ	10	U	10	UJ	10	U	0.35	J	0.10	UJ	2.30	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	10	U	10	UJ	10	U	22		0.75	J	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.40	U
Ethylbenzene	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.60	U
Methylene chloride	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.30	U
Styrene	5	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.70	U
Tetrachloroethene	5	2.1	J	2.0	J	4.6	J	3	J	10	U	32		3.5	J	3.9	J
Toluene	5	0.10	U	10	U	10	U	10	UJ	10	U	0.75	J	6.4	J	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	7.0		10.0	U	10	UJ	10	U	0.10	U	0.10	U	1.90	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	10	U	10	UJ	10	U	0.10	U	0.10	U	1.60	U
Trichloroethene	5	0.10	U	10	U	10	U	10	UJ	10	U	17		0.71	J	1.9	U
Vinyl chloride	2	0.10	U	10	UJ	10	U	10	UJ	10	U	0.10	U	0.10	U	2.30	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	10	U	10	UJ	10	U	0.82	U	0.10	U	0.10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014		2013		2012		2010		2009		2008		2007		2006	
		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A	
		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U	200	U
2-Hexanone	50	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	200	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.1	J	0.10	U*	0.10	U	0.10	U	200	U
Benzene	1	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Bromoform	50	5.0	U	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Bromomethane	5	4.3	U	4.3	UJ	4.3	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.58	J	200	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chloroform	7	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	200	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.24	J	0.21	J	1.1	J	12		200	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.20	JB	0.40	JB	0.10	U	0.10	U	200	U
Styrene	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Tetrachloroethene	5	2.1	U	2.1	U	5.4	J	25		46		210		2,900		2,600	
Toluene	5	1.6	U	1.6	U	2.8	J	0.10	J	0.10	U	0.10	U	0.10	U	200	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	2.1	J	1.1	J	4.6	J	100		81	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	200	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2016		2015		2014		2013		2010		2009		2008	
		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B	
		Mar-18		Dec-16		Sep-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08	
		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	2.10	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	1.50	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	1.90	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	2.50	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	1.50	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U
2-Hexanone	50	0.10	U	0.10	U	1.80	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	2.2	U	0.10	UJ	1.90	U	1.9	U	1.9	U	1.1	J	0.10	U*	0.10	U
Benzene	1	0.10	U	0.10	U	1.60	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	1.50	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	4.30	U	4.3	U	4.3	UJ	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	2.10	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	1.60	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	2.50	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	1.90	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	UJ	2.30	U	2.3	U	2.3	U	0.18	J*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	1.80	U	1.8	U	1.8	U	0.19	J	0.26	J	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.40	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	1.60	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.44	U	0.10	U	1.30	U	1.3	U	1.3	U	0.27	JB	0.38	JB	0.30	JB
Styrene	5	0.10	U	0.10	U	1.70	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	0.10	U	0.57	J	2.1	U	2.1	U	2.1	U	0.64	J	2.2	J	0.10	U
Toluene	5	0.10	U	0.51	J	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	1.90	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.60	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	0.88	J	1.9	U	1.9	U	1.9	U	1.7	J	2.3	J	0.97	J
Vinyl chloride	2	0.10	U	0.10	U	2.30	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2008		2007		2006		2018							
		FSMW-3B - Duplicate		FSMW-3B		FSMW-3B		FSMW-4A		FSMW-4A (Duplicate)		FSMW-4A		FSMW-4A	
		Sep-08		Aug-07		Aug-06		Dec-18		Dec-18		Sep-18		Jun-18	
		135-145 feet bgs		135-145 feet bgs		135-145 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	0.10	U	0.10	U	10	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	10	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	10	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	0.10	U	0.10	U	10	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.10	U	0.10	U	10	U	0.12	U	0.12	U	0.12	U	0.12	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	10	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.10	U	0.10	U	10	U	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U	0.10	U	10	U	2.9	U	2.9	U	2.9	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U	2.7	U	2.7	U	2.7	U	2.7	U
Acetone	50	0.10	U*	0.10	U	10	U	5	U	5	U	5	U	5	U
Benzene	1	0.10	U	0.10	U	10	U	0.43	U	0.43	U	0.43	U	0.43	U
Bromodichloromethane	50	0.10	U	0.10	U	10	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.10	U	0.10	U	10	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	0.10	U	10	UJ	1	U	1	UJ	1	U	1	U
Carbon disulfide	60	0.10	U	0.10	U	10	U	0.16	U	0.16	U	0.16	U	0.16	U
Carbon tetrachloride	5	0.10	U	0.10	U	10	UJ	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.10	U	0.10	U	10	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.10	U	0.10	U	10	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.10	U	0.10	U	10	UJ	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.10	U	0.10	U	10	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.10	U	0.10	U	10	U	0.14	UJ	0.14	UJ	0.14	U	0.14	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	0.66	J	0.66	J	0.4	J	3.7	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.46	U	0.46	U	0.46	U	0.46	U
Ethylbenzene	5	0.10	U	0.10	U	10	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.60	JB	0.10	U	10	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.10	U	0.10	U	10	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	0.10	U	3.80	J	10	U	20		20		51		57	
Toluene	5	0.10	U	0.10	U	10	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	0.54	J	0.10	U	10	U	0.31	U	0.31	U	0.49	J	0.92	J
Vinyl chloride	2	0.10	U	0.10	U	10	U	0.17	U	0.17	U	0.17	U	0.17	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		0.3	U
o-Xylene	5	NA		NA		NA		NA		NA		NA		0.36	U
Total Xylenes	5	0.10	U	10.00	U	82	U	0.65	U	0.65	U	0.65	U	NA	

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2017										2016	
		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate	
		Mar-18		Dec-17		Sep-17		Jun-17		Jun-17		Mar-17		Mar-17	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.70	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
cis-1,2-Dichloroethene	5	0.10	U	0.57	J	0.57	J	5.6	J	5.6	J	4.4	J	4.1	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.37	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	49		48		81		52		49		69		68	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.16	J	0.10	U	0.10	J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.73	J	0.44	J	5.3	J	5.9	J	6.0	J	0.60	J	0.57	J
Vinyl chloride	2	0.10	U	0.10	J	0.10	J	1.1	J	1.1	J	1.30	J	1.10	J
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2016												2015			
		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate	
		Dec-16		Sep-16		Sep-16		Jun-16		Jun-16		Apr-16		Dec-15		Dec-15	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Acetone	50	0.10	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.50	U	0.10	UJ	0.10	UJ
Benzene	1	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.20	UJ	0.20	UJ	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	1.70		1.70	
Chlorobromomethane	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chloromethane	5	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	9.8	J	14	J	14	J	15	J	14	J	19	J	80		87	
cis-1,3-Dichloropropene	0.4	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	UJ	0.10	UJ
Styrene	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Tetrachloroethene	5	97		200		200		300		310		580		7,800	D	7,600	D
Toluene	5	0.96	J	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.24	J	0.22	J	0.20	U	0.20	U	0.69	J	0.25	J	0.27	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Trichloroethene	5	5.0	J	9.5	J	9.5	J	10	J	9.8	J	12	J	120		120	
Vinyl chloride	2	0.10	U	0.93	J	0.97	J	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2015												2014					
		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate			
		Sep-15		Sep-15		Jul-15		Jul-15		Mar-15		Mar-15		Dec-14		Dec-14			
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs			
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)			
Analyte																			
1,1,1-Trichloroethane	5	420	U	420	U	210	U	210	U	10	U	10	U	110	U	110	U		
1,1,2,2-Tetrachloroethane	5	300	U	300	U	150	U	150	U	10	U	10	U	75	U	75	U		
1,1,2-Trichloroethane	1	380	U	380	U	190	U	190	U	10	U	10	U	95	U	95	U		
1,1-Dichloroethane	5	340	U	340	U	170	U	170	U	10	UJ	10	U	85	U	85	U		
1,1-Dichloroethene	5	500	U	500	U	250	U	250	U	10	U	10	UJ	130	U	130	U		
1,2-Dichloroethane	0.6	170	U	170	U	83	U	83	U	10	UJ	10	U	42	U	42	U		
1,2-Dichloropropane	1	340	U	340	U	170	U	170	U	10	U	10	UJ	85	U	85	U		
2-Butanone (MEK)	50	300	U	300	U	150	U	150	U	10	U	10	U	75	UJ	75	UJ		
2-Hexanone	50	360	U	360	U	180	U	180	U	10	U	10	U	90	UJ	90	UJ		
4-Methyl-2-Pentanone (MIBK)	NC	340	U	340	U	170	U	170	U	10	U	10	U	85	U	85	U		
Acetone	50	380	U	380	U	190	U	190	U	10	U	10	U	95	UJ	95	UJ		
Benzene	1	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U		
Bromodichloromethane	50	300	U	300	U	150	U	150	U	10	U	10	U	75	U	75	U		
Bromoform	50	1000	U	1000	U	500	U	500	U	10	U	10	U	250	U	250	U		
Bromomethane	5	860	U	860	U	430	U	430	U	10	U	10	U	220	U	220	U		
Carbon disulfide	60	420	U	420	U	210	U	210	U	10	U	10	U	110	U	110	U		
Carbon tetrachloride	5	400	U	400	U	200	U	200	U	10	U	10	U	100	U	100	U		
Chlorobenzene	5	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U		
Chlorobromomethane	5	340	U	340	U	170	U	170	U	10	U	10	U	85	U	85	U		
Chloroethane	5	500	U	500	U	250	U	250	U	10	U	10	U	130	U	130	U		
Chloroform	7	380	U	380	U	190	U	190	U	10	U	10	U	95	U	95	U		
Chloromethane	5	460	U	460	U	230	U	230	U	10	U	10	U	120	U	120	U		
cis-1,2-Dichloroethene	5	360	U	360	U	460	J	470	J	420		420		110	J	110	J		
cis-1,3-Dichloropropene	0.4	280	U	280	U	140	U	140	U	10	U	10	U	70	U	70	U		
Ethylbenzene	5	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U		
Methylene chloride	5	260	U	260	U	130	U	130	U	10	U	10	U	65	U	65	U		
Styrene	5	340	U	340	U	170	U	170	U	10	U	10	U	85	U	85	U		
Tetrachloroethene	5	28,000		27,000		31,000	D	31,000	D	19,000		19,000		6,800		6,700			
Toluene	5	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U		
trans-1,2-Dichloroethene	5	380	U	380	U	190	U	190	U	10	U	10	U	95	U	95	U		
trans-1,3-Dichloropropene	0.4	320	U	320	U	160	U	160	U	10	U	10	U	80	U	80	U		
Trichloroethene	5	560	J	530	J	770	J	760	J	410		370		120	J	110	J		
Vinyl chloride	2	460	U	460	U	230	U	230	U	10	U	10	U	120	U	120	U		
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA			
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA			
Total Xylenes	5	160	U	160	U	82	U	10	U	10	U	41	U	41	U	160	U		

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014										2013			
		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A	
		Sep-14		Sep-14		Jun-14		Jun-14		Mar-14		Mar-14		Oct-13	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	420	U	210	U	1,100	U	1,100	U	840	U	840	U	840	U
1,1,2,2-Tetrachloroethane	5	300	U	150	U	750	U	750	U	600	U	600	U	600	U
1,1,2-Trichloroethane	1	380	U	190	U	950	U	950	U	760	U	760	U	760	U
1,1-Dichloroethane	5	340	U	170	U	850	U	850	U	680	U	680	U	680	U
1,1-Dichloroethene	5	500	U	250	U	1,300	U	1,300	U	1,000	U	1,000	U	1,000	U
1,2-Dichloroethane	0.6	170	U	83	U	420	U	420	U	330	U	330	U	330	U
1,2-Dichloropropane	1	340	U	170	U	850	U	850	U	680	U	680	U	680	U
2-Butanone (MEK)	50	300	U	150	U	750	U	750	U	600	U	600	U	600	U
2-Hexanone	50	360	U	180	U	900	U	900	U	720	U	720	U	720	U
4-Methyl-2-Pentanone (MIBK)	NC	340	U	170	U	850	U	850	U	680	U	680	U	680	U
Acetone	50	380	U	190	U	950	U	950	U	760	U	760	U	760	U
Benzene	1	320	U	160	U	800	U	800	U	640	U	640	U	640	U
Bromodichloromethane	50	300	U	150	U	750	U	750	U	600	U	600	U	600	U
Bromoform	50	1,000	U	500	U	2,500	U	2,500	U	2,000	U	2,000	U	2,000	U
Bromomethane	5	860	U	430	U	2,200	U	2,200	U	1,700	U	1,700	U	1,700	U
Carbon disulfide	60	420	U	210	U	1,100	U	1,100	U	840	U	840	U	840	U
Carbon tetrachloride	5	400	U	200	U	1,000	U	1,000	U	800	U	800	U	800	U
Chlorobenzene	5	320	U	160	U	800	U	800	U	640	U	640	U	640	U
Chlorobromomethane	5	340	U	170	U	850	U	850	U	680	U	680	U	680	U
Chloroethane	5	500	U	250	U	1,300	U	1,300	U	1,000	U	1,000	U	1,000	U
Chloroform	7	380	U	190	U	950	U	950	U	760	U	760	U	760	U
Chloromethane	5	460	U	230	U	1,200	U	1,200	U	920	U	920	U	920	U
cis-1,2-Dichloroethene	5	360	U	280	J	900	U	900	U	720	U	720	U	720	U
cis-1,3-Dichloropropene	0.4	280	U	140	U	700	U	700	U	560	U	560	U	560	U
Ethylbenzene	5	320	U	160	U	800	U	800	U	640	U	640	U	640	U
Methylene chloride	5	260	U	130	U	650	U	650	U	520	U	520	U	520	U
Styrene	5	340	U	170	U	850	U	850	U	680	U	680	U	680	U
Tetrachloroethene	5	27,000		28,000	D	88,000		92,000		76,000	D	76,000	D	51,000	
Toluene	5	320	U	160	U	800	U	800	U	640	U	640	U	640	U
trans-1,2-Dichloroethene	5	380	U	190	U	950	U	950	U	760	U	760	U	760	U
trans-1,3-Dichloropropene	0.4	320	U	160	U	800	U	800	U	640	U	640	U	640	U
Trichloroethene	5	650	J	650	J	1,400	J	1,400	J	2,400	J	2,400	J	760	U
Vinyl chloride	2	460	U	230	U	1,200	U	1,200	U	920	U	920	U	920	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	82	U	410	U	410	U	330	U	330	U	330	U	410	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2012										2011					
		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A	
		Nov-12		Nov-12		Jul-12		Apr-12		Apr-12		Dec-11		Dec-11		Jul-11	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	84	U	170	U	530	U	530	U	530	U	2.1	U	2.1	U	4.0	U
1,1,2,2-Tetrachloroethane	5	60	U	120	U	380	U	380	U	380	U	1.5	U	1.5	U	4.0	U
1,1,2-Trichloroethane	1	76	U	150	U	480	U	480	U	480	U	1.9	U	1.9	U	4.0	U
1,1-Dichloroethane	5	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U
1,1-Dichloroethene	5	100	U	200	U	630	U	630	U	630	U	2.5	U	2.5	U	4.0	U
1,2-Dichloroethane	0.6	33	U	66	U	210	U	210	U	210	U	0.83	U	0.83	U	4.0	U
1,2-Dichloropropane	1	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U
2-Butanone (MEK)	50	60	UJ	120	UJ	380	UJ	380	U	380	U	1.5	UJ	1.5	UJ	4.0	UJ
2-Hexanone	50	72	UJ	140	UJ	450	U	450	U	450	U	1.8	UJ	1.8	UJ	4.0	U
4-Methyl-2-Pentanone (MIBK)	NC	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U
Acetone	50	76	UJ	150	UJ	480	UJ	480	U	480	U	1.9	UJ	1.9	UJ	15	UJ
Benzene	1	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U
Bromodichloromethane	50	60	U	120	U	380	U	380	U	380	U	1.5	U	1.5	U	4.0	U
Bromoform	50	200	UJ	400	UJ	1,300	U	1,300	U	1,300	U	5.0	UJ	5.0	UJ	4.0	U
Bromomethane	5	170	U	340	U	1,100	U	1,100	UJ	1,100	UJ	4.3	U	4.3	U	4.0	U
Carbon disulfide	60	84	U	170	U	530	U	530	U	530	U	2.1	U	2.1	U	4.0	U
Carbon tetrachloride	5	80	U	160	U	500	U	500	U	500	U	2.0	U	2.0	U	4.0	U
Chlorobenzene	5	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U
Chlorobromomethane	5	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U
Chloroethane	5	100	U	200	U	630	U	630	U	630	U	2.5	U	2.5	U	4.0	U
Chloroform	7	76	U	150	U	480	U	480	U	480	U	1.9	U	1.9	U	4.0	U
Chloromethane	5	92	U	180	U	580	U	580	U	580	U	2.3	U	2.3	U	4.0	U
cis-1,2-Dichloroethene	5	170	J	170	J	450	U	450	U	450	U	110		100		130	J
cis-1,3-Dichloropropene	0.4	56	U	110	U	350	U	350	U	350	U	1.4	U	1.4	U	4.0	U
Ethylbenzene	5	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U
Methylene chloride	5	52	U	100	U	330	U	330	U	330	U	1.3	U	1.3	U	100	U
Styrene	5	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	U
Tetrachloroethene	5	62,000	D	69,000	D	66,000	D	35,000		30,000		30,000	D	29,000	D	57,000	D
Toluene	5	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U
trans-1,2-Dichloroethene	5	76	U	150	U	480	U	480	U	480	U	1.9	U	1.9	U	4.0	U
trans-1,3-Dichloropropene	0.4	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	U
Trichloroethene	5	2,100		1,900		1,300	J	1,100	J	970	J	570	D	560	D	1,300	
Vinyl chloride	2	92	U	180	U	580	U	580	U	580	U	2.3	U	2.3	U	4.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	65	U	200	U	200	U	200	U	0.82	U	0.82	U	4.0	U	4.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2011				2010											
		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A	
		Apr-11		Apr-11		Dec-10		Dec-10		Sep-10		Jun-10		Jun-10		Mar-10	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	4.0	U	4.0	U	4.0	U	4.0	U	0.36	J	2.0	U	2.0	U	4.0	U
1,1,2,2-Tetrachloroethane	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
1,1,2-Trichloroethane	1	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
1,1-Dichloroethane	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
1,1-Dichloroethene	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
1,2-Dichloroethane	0.6	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
1,2-Dichloropropane	1	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
2-Butanone (MEK)	50	4.0	UJ	4.0	UJ	4.0	U	4.0	U	0.10	U	2.0	U*	2.0	U*	4.0	U*
2-Hexanone	50	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U*	2.0	U*	4.0	U
4-Methyl-2-Pentanone (MIBK)	NC	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Acetone	50	7.1	UJ	12	UJ	22	JB*	24	JB*	1.6	J	22	JB*	19	JB*	32	JB*
Benzene	1	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Bromodichloromethane	50	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Bromoform	50	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Bromomethane	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	3.3	J	3.70	J	4.0	U
Carbon disulfide	60	31	U	24	U	4.0	JB	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Carbon tetrachloride	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Chlorobenzene	5	4.0	UJ	6.6	J	4.0	U	4.0	U	3.1	J	2.0	U	4.6	J	4.0	U
Chlorobromomethane	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Chloroethane	5	4.0	UJ	4.0	UJ	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Chloroform	7	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Chloromethane	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U*	2.0	U	2.0	U	4.0	U
cis-1,2-Dichloroethene	5	150	J	160	J	36	J	40	J	49		51	J	41	J	110	J
cis-1,3-Dichloropropene	0.4	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Ethylbenzene	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Methylene chloride	5	71	U	89	U	100	JB	130	JB	0.23	JB	15	JB	18	JB	40	JB
Styrene	5	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Tetrachloroethene	5	69,000	D	69,000	D	39,000		39,000		38,000	B	24,000		20,000		37,000	
Toluene	5	4.0	U	4.0	U	4.0	U	4.0	U	0.24	J	2.0	U	2.2	J	4.0	U
trans-1,2-Dichloroethene	5	4.0	U	4.0	U	4.0	U	4.0	U	0.31	J	2.0	U	2.0	U	4.0	U
trans-1,3-Dichloropropene	0.4	4.0	U	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U
Trichloroethene	5	600		620		390		390	J	410	J	320		310		560	
Vinyl chloride	2	5.0	J	8.1	J	5.0	U	4.0	U	3.6	J*	4.3	J	2.6	J	8.7	J
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009										2008					
		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate	
		Dec-09		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Sep-08	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
1,1,2-Trichloroethane	1	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
1,1-Dichloroethane	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
1,1-Dichloroethene	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
1,2-Dichloroethane	0.6	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
1,2-Dichloropropane	1	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
2-Butanone (MEK)	50	10.0	U*	10.0	U*	2.5	U*	50	U	500	U	50	U	5.0	U	5.0	U
2-Hexanone	50	10.0	U*	10.0	U*	2.5	U*	50	U	500	U	50	U	5.0	U	5.0	U
4-Methyl-2-Pentanone (MIBK)	NC	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U*	5.0	U	5.0	U
Acetone	50	52	JB*	72	JB*	13	JB*	410	JB	10	UJ	50	U	5.0	U	5.0	U
Benzene	1	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Bromodichloromethane	50	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Bromoform	50	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Bromomethane	5	10	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Carbon disulfide	60	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Carbon tetrachloride	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Chlorobenzene	5	10	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Chlorobromomethane	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Chloroethane	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Chloroform	7	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Chloromethane	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5	78	J	77	J	150	J	77	J	150	J	230	J	280	J	290	J
cis-1,3-Dichloropropene	0.4	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Ethylbenzene	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Methylene chloride	5	53	JB	48	JB	58	JB	520	JB	500	U	570	JB	240	JB	240	JB
Styrene	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Tetrachloroethene	5	9,300		9,100		40,000		42,000		61,000		54,000		51,000		51,000	
Toluene	5	10	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	0.4	10.0	U	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U
Trichloroethene	5	140	J	130	J	490		280	J	600		420	J	600		640	
Vinyl chloride	2	10	U	10.0	U	6.7	J	50	U	500	U	50	U	5.0	U	5.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10.0	U	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2008				2007						2006			
		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A	
		Jun-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07		Nov-06	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	5	J 2,000 U
1,1,2,2-Tetrachloroethane	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
1,1,2-Trichloroethane	1	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
1,1-Dichloroethane	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
1,1-Dichloroethene	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
1,2-Dichloroethane	0.6	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
1,2-Dichloropropane	1	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
2-Butanone (MEK)	50	1.0	U	40	U	10	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
2-Hexanone	50	1.0	U	40	U	10	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	40	U	10	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Acetone	50	1.0	U	40	U	10	U	0.10	UJ	2,000	U	2,000	U	10	U 2,000 U
Benzene	1	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Bromodichloromethane	50	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Bromoform	50	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Bromomethane	5	1.0	U	40	U	5	UJ	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Carbon disulfide	60	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	UJ 2,000 U
Carbon tetrachloride	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Chlorobenzene	5	1.0	U	40	U	5.5		5.1	J	2,000	U	2,000	U	10	U 2,000 U
Chlorobromomethane	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Chloroethane	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Chloroform	7	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Chloromethane	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
cis-1,2-Dichloroethene	5	92	J	24	J	110		66	J	2,000	U	2,000	U	71	U 2,000 U
cis-1,3-Dichloropropene	0.4	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Ethylbenzene	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	0.7	J 2,000 U
Methylene chloride	5	24	JB	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Styrene	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Tetrachloroethene	5	55,000		50,000		48,000		46,000		22,000		18,000		79,000	U 16,000 U
Toluene	5	1.0	U	40	U	1.5	J	2.0	J	2,000	U	2,000	U	4	J 2,000 U
trans-1,2-Dichloroethene	5	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	0.8	J 2,000 U
trans-1,3-Dichloropropene	0.4	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
Trichloroethene	5	260		230	J	600	J	720	J	360	J	280	J	1,600	J 420 J
Vinyl chloride	2	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U	10	U 2,000 U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	NA
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	NA
Total Xylenes	5	40	U	0.53	J	0.58	J	2,000	U	2,000	U	2.0	J	2,000	U 0.82 U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018								2017							
		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B	
		Dec-18		Oct-18		Jun-18		Mar-18		Dec-17		Sep-17		Jun-17		Mar-17	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.12	U	0.12	U	0.12	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	2.9	U	2.9	U	2.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	2.7	U	2.7	U	2.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	5	U	5	U	5	U	1.5	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ
Benzene	1	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50			0.34	U	0.34	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	1	U	1	U	1	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
Carbon disulfide	60	0.16	U	0.16	U	0.16	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.32	UJ	0.32	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.14	UJ	0.14	UJ	0.14	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.22	U	0.22	U	0.22	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.46	U	0.46	U	0.46	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.37	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	6.1		3.5		6.8		9.3	J	3.1	J	6.0	J	4.4	J	8.6	J
Toluene	5	0.38	U	0.38	U	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.5		1.8		1.6		1.40	J	1.10	J	0.97	J	0.59	J	0.66	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		0.3	U	NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		0.36	U	NA		NA		NA		NA		NA	
Total Xylenes	5	0.65	U	0.65	U	NA		0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2016								2015							
		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B	
		Dec-16		Sep-16		Jun-16		Apr-16		Dec-15		Sep-15		Jul-15		Mar-15	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	UJ
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
Acetone	50	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	UJ	1.9	U	1.9	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	0.10	UJ
Bromomethane	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	UJ	4.3	U	4.3	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.20	J
Chloromethane	5	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.36	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	1.3	U	1.3	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	7.2	J	7.8	J	13		16		13		20		26		20	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	1.9	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	0.57	J	0.60	J	0.83	J	0.73	J	1.8		2.3	J	3.1	J	2.7	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.82	U	0.10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014								2013						2012	
		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B	
		Dec-14		Sep-14		Jun-14		Mar-14		Oct-13		Oct-13		Jul-13		Nov-12	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	1.5	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
2-Hexanone	50	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	U	1.9	U
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	UJ
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	5.9	J	4.5	J	10		17		6.6	J	7.3	J	3.8	J	13	
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	3.8	J	3.3	J	3.9	J	7.9	J	4.6	J	4.9	J	4.1	J	3.1	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2012				2011								2010			
		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B	
		Jul-12		Apr-12		Dec-11		Dec-11		Jul-11		Jul-11		Mar-11		Dec-10	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	4.5	J	1.5	U	1.5	UJ	1.5	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U
2-Hexanone	50	1.8	U	1.8	U	1.8	UJ	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	2.1	UJ	1.9	U	1.9	UJ	1.9	UJ	0.69	UJ	0.86	UJ	0.24	UJ	0.76	JB*
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	UJ	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.19	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.25	J	0.24	J	0.33	J	0.32	J
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	UJ	0.10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.19	U	0.19	U	0.15	U	0.14	J
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.67	J	0.67	J	0.40	J	0.46	J
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.45	U	0.46	U	0.28	U	0.43	JB
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	22		14		6.4	U	8.1	U	13		12		7.5	J	8.4	J
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	5.5	J	6.6	J	4.1	J	4.3	J	4.9	J	4.8	J	3.6	J	4.5	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2010						2009									
		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B	
		Sep-10		Mar-10		Mar-10		Dec-09		Sep-09		Sep-09		Jun-09		Mar-09	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U*
2-Hexanone	50	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Acetone	50	0.82	J	0.10	U*	0.48	JB*	0.39	JB*	0.82	JB*	0.93	JB*	1.6	JB	0.45	JB
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.23	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.33	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
Chloroform	7	0.10	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.34	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.20	JB	0.36	JB	0.38	JB	0.46	JB	0.41	JB	0.39	JB	0.36	JB	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	5.2	J	5.0	J	5.1	J	10		28		27		19		33	B
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.13	J	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	3.3	J	0.77	J	0.78	J	0.26	J	0.47	J	0.49	J	0.29	J	0.51	J
Vinyl chloride	2	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.12	J	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2008														2007	
		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B	
		Dec-08		Dec-08		Sep-08		Jun-08		Jun-08		Mar-08		Mar-08		Dec-07	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Methylene chloride	5	0.10	U	0.10	U	0.26	JB	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Tetrachloroethene	5	63		62		33		14		13		50		44		40	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
Trichloroethene	5	0.53	J	0.63	J	0.34	J	0.10	U	0.10	U	0.98	J	1.0	J	5	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2007						2006				2015		2014		2013	
		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-5A		FSMW-5A		FSMW-5A	
		Aug-07		May-07		Feb-07		Nov-06		Aug-06		Oct-15		Oct-14		Oct-13	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	10	U	10	U	10	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	10	U	10	U	10	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	10	U	10	U	10	U	10	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	10	U	10	U	10	U	10	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	10	U	10	U	10	U	10	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	10	U	10	U	10	U	10	UJ	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	10	U	10	U	10	U	10	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	10	U	10	U	10	U	10	UJ	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	10	U	10	U	10	U	10	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	10	U	10	U	10	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	10	UJ	10	U	10	UJ	10	U	1.9	U	1.9	U	4.9	U
Benzene	1	0.10	U	10	U	10	U	10	U	10	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	10	U	10	U	10	U	10	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	10	U	10	U	10	U	10	U	5.0	U	5.0	UJ	5.0	U
Bromomethane	5	0.10	U	10	U	10	U	10	U	10	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	10	U	10	U	10	UJ	10	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	10	U	10	U	10	U	10	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	10	U	10	U	10	U	10	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	10	U	10	U	10	U	10	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	10	U	10	U	10	U	10	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	10	U	10	U	10	U	10	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	10	UJ	10	U	10	U	10	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	10	U	10	U	10	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	10	U	10	U	10	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	10	U	10	U	10	U	10	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	10	U	10	U	10	U	10	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	10	U	10	U	10	U	10	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	25		11		26		28	J	49		2.1	U	2.1	U	4.0	U
Toluene	5	0.10	U	10	U	10	U	10	U	10	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	13		0.15	J	10	U	10	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	10	U	10	U	10	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.49	J	10	U	0.7	J	0.8	J	10	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	10	UJ	10	U	10	U	10	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	10	U	10	U	10	U	0.82	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2010		2009				2008		2007		2006		2015		2014	
		FSMW-5A		FSMW-5A		FSMW-5A - Duplicate		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5B		FSMW-5B	
		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06		Oct-15		Oct-14	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		130-140 feet bgs		130-140 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U
Acetone	50	1.8	JB	1.4	JB*	1.1	JB*	0.10	U*	0.10	U	10	U	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	5.0	U	5.0	UJ
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U
Chloromethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U
Methylene chloride	5	0.21	JB	0.37	JB	0.43	JB	0.26	JB	0.10	U	10	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U
Tetrachloroethene	5	0.36	J	0.10	U	0.17	J	0.10	U	0.51	J	10	U	2.1	U	2.1	U
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2013		2010		2009		2008		2007		2006		2018		2016	
		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-6A		FSMW-6A	
		Oct-13		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06		Mar-18		Dec-16	
		130-140 feet bgs		130-140 feet bgs		130-140 feet bgs		130-140 feet bgs		130-140 feet bgs		130-140 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ
2-Hexanone	50	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Acetone	50	1.9	U	0.58	J	0.90	JB*	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ
Benzene	1	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	0.10	U
Chloroform	7	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ
cis-1,2-Dichloroethene	5	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	0.17	JB	0.40	JB	0.28	JB	0.10	U	10	U	0.10	U	0.10	U
Styrene	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Tetrachloroethene	5	2.1	U	0.45	J	0.28	J	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Toluene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
Vinyl chloride	2	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2015										2014					
		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A	
		Dec-15		Sep-15		Sep-15		Jul-15		Apr-15		Dec-14		Sep-14		Jun-14	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	2.1	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	1.5	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	1.7	U	1.7	U	1.7	U	0.10	UJ	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	2.5	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.83	U	0.83	U	0.83	U	0.10	UJ	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	1.5	U	1.5	U	1.5	U	0.10	U	1.5	UJ	1.5	U	1.5	U
2-Hexanone	50	0.10	U	1.8	U	1.8	U	1.8	U	0.10	U	1.8	UJ	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	UJ	1.9	U	1.9	U	1.9	U	0.10	U	1.9	UJ	1.9	U	1.9	U
Benzene	1	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	1.5	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	5.0	U	5.0	U	5.0	U	0.10	U	5.0	U	5.0	UJ	5.0	U
Bromomethane	5	0.10	UJ	4.3	U	4.3	U	4.3	U	0.10	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	2.1	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	2.0	U	2.0	U	2.0	U	0.10	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	2.5	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	2.3	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	1.8	U	1.8	U	1.8	U	0.12	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	1.4	U	1.4	U	1.4	U	0.10	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	UJ	1.3	U	1.3	U	1.3	U	0.10	U	1.3	U	1.3	J	1.3	U
Styrene	5	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	0.10	U	2.1	U	2.1	U	2.1	U	1.8	U	2.1	U	2.1	U	5.8	J
Toluene	5	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	1.9	U	1.9	U	1.9	U	0.15	J	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	2.3	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.82	U	0.82	U	0.10	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014		2013				2012						2011			
		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate	
		Mar-14		Oct-13		Jul-13		Nov-12		Jul-12		Apr-12		Dec-11		Dec-11	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	1.5	UJ	1.5	U	1.5	U	1.5	UJ	1.5	UJ	1.5	U	1.5	UJ	1.5	UJ
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	UJ	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	UJ	1.9	U	1.9	UJ	1.9	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	4.3	UJ	4.3	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	7.8	J	2.1	U	2.1	U	7.3	J	2.1	U	2.4	J	4.9	J	4.3	J
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2011				2010				2009			
		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A	
		Jul-11		Mar-11		Dec-10		Sep-10		Mar-10		Dec-09	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte													
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U*	0.10	U*
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.46	UJ	0.34	UJ	0.98	JB*	1.0	J	0.34	JB*	1.4	JB*
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U
Carbon disulfide	60	0.10	U	0.30	U	0.10	U	0.10	U	0.10	U	0.11	J
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.16	J*	0.10	U*	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.38	U	0.33	U	1.2	JB	0.30	JB	0.37	JB	0.53	JB
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	1.3	U	3.0	J	0.79	J	0.46	J	1.6	J	0.78	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.36	J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009		2008										2007			
		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6A	
		Mar-09		Dec-08		Sep-08		Sep-08		Jun-08		Jun-08		Dec-07		Aug-07	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
Acetone	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromomethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloroethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Tetrachloroethene	5	11	B	0.10	U	1.1	J	0.61	J	1.9	J	2.0	J	0.67	J	2.6	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2007				2006						2018		2016			
		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6B		FSMW-6B		FSMW-6B - Duplicate	
		May-07		Feb-07		Nov-06		Nov-06		Aug-06		Mar-18		Dec-16		Dec-16	
		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		56-59 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	10	U	10	U	10	UJ	10	UJ	10	UJ	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	10	U	10	U	10	UJ	10	UJ	10	UJ	0.10	U	0.10	UJ	0.10	UJ
2-Hexanone	50	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Acetone	50	10	UJ	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	UJ	0.10	UJ
Benzene	1	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	10	UJ	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	UJ	0.10	UJ
cis-1,2-Dichloroethene	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Styrene	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	1.3	J	3.9	J	10	UJ	10	UJ	10	U	6.4	J	5.6	J	5.9	J
Toluene	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	10	U	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	10	U	10	U	10	UJ	10	UJ	10	U	0.95	J	0.47	J	0.51	J
Vinyl chloride	2	10	UJ	10	U	10	UJ	10	UJ	10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	10	UJ	10	UJ	10	U	0.82	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2015		2014		2013		2012		2010		2009		2009		2008	
		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B - Duplicate		FSMW-6B	
		Sep-15		Sep-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-09		Sep-08	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	UJ	0.10	U	0.10	U*	0.10	U*	0.10	U
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U*	0.10	U*	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	UJ	0.91	J	1.5	J*	0.88	J*	0.10	U*
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	0.18	J*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.30	JB	0.42	JB	0.38	JB	0.51	JB
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	39		42		67		79		110		7.7	J	6.9	J	15	
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.11	J	0.18	J	0.17	J	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	2.6	J	3.7	J	1.8	J	1.7	J	1.7	J*
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2007				2006		2015		2014		2013		2010		2009	
		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A	
		Aug-07		May-07		Aug-06		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	10	U	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	10	U	10	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	10	U	10	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U
2-Hexanone	50	0.10	U	10	U	10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Acetone	50	0.10	U	10	UJ	10	U	1.9	U	1.9	U	1.9	U	1.0	JB*	0.74	JB
Benzene	1	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
Bromoform	50	0.10	U	10	U	10	U	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	10	U	10	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	10	U	10	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U
Carbon tetrachloride	5	0.10	U	10	U	10	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	10	U	10	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroform	7	0.10	U	10	U	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	10	UJ	10	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	10	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	10	U	10	U	1.3	U	1.3	U	1.3	U	0.27	JB	0.43	JB
Styrene	5	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Tetrachloroethene	5	1.2	J	1.8	J	10	U	2.1	U	2.1	U	2.1	U	1.8	JB	0.45	J
Toluene	5	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.18	J	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	1.9	J	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Trichloroethene	5	1.2	J	1.7	J	3	J	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
Vinyl chloride	2	0.10	U	10	UJ	10	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	10	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009		2008		2007		2006		2015		2014		2014		2013	
		FSMW-7A - Duplicate		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7B		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B	
		Sep-09		Sep-08		Aug-07		Aug-06		Oct-15		Oct-14		Oct-14		Oct-13	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	10	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	10	UJ	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	UJ	1.5	U	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	U	1.8	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	10	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	10	U	5.0	U	5.0	UJ	5.0	UJ	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	10	U	4.3	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	10	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	10	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	10	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.39	JB	0.10	U	0.10	U	10	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	0.67	J	0.10	U	0.58	J	10	U	2.1	U	2.1	U	2.1	U	2.1	U
Toluene	5	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.19	J	0.10	U	0.33	J	10	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	10	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2010				2009		2008				2007		2006		2018	
		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B		FSMW-7B		FSMW-8A	
		Sep-10		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06		Dec-18	
		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		136-146 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.23	J	0.23	J	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.37	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.43	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.26	U
1,1-Dichloroethene	5	0.14	J	0.10	U	0.15	J	0.10	U	0.10	U	0.10	U	10	U	0.12	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.43	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.35	U
2-Butanone (MEK)	50	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	1.9	U
2-Hexanone	50	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	2.7	U
Acetone	50	0.71	JB*	0.35	JB*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	5	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.43	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.34	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.54	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1	UJ
Carbon disulfide	60	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.16	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.21	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.38	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.41	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.32	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.33	U
Chloromethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.14	UJ
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.41	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.46	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.3	U
Methylene chloride	5	0.23	JB	0.29	JB	0.36	JB	0.10	U	0.44	JB	0.10	U	10	U	0.32	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.42	U
Tetrachloroethene	5	2.3	JB	1.2	J	1.70	J	0.10	U	0.10	U	0.38	J	10	U	8.3	
Toluene	5	0.11	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.38	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.49	U
Trichloroethene	5	0.26	J	0.20	J	0.32	J	0.10	U	0.10	U	1.1	J	2	J	0.35	J
Vinyl chloride	2	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.17	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	4.1	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018								2017							
		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A	
		Sep-18		Jun-18		Mar-18		Mar-18		Dec-17		Dec-17		Sep-17		Jun-17	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.24	UJ	0.24	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.37	UJ	0.37	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.43	UJ	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.26	UJ	0.26	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.12	UJ	0.12	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
1,2-Dichloroethane	0.6	0.43	UJ	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.35	UJ	0.35	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.9	UJ	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	2.9	UJ	2.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	2.7	UJ	2.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	5	UJ	5	U	1.1	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Benzene	1	0.43	UJ	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	UJ	0.34	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.54	UJ	0.54	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	1	UJ	1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Carbon disulfide	60	0.16	UJ	0.16	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.21	UJ	0.21	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	UJ	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	UJ	0.41	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.32	UJ	0.32	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.33	UJ	0.33	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.14	UJ	0.14	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.92	J-	0.53	J	0.10	U	0.10	U	1.6	J	1.5	J	1.3	J	1.7	J
cis-1,3-Dichloropropene	0.4	0.46	UJ	0.46	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	UJ	0.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.32	UJ	0.32	U	0.39	U	0.45	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.42	UJ	0.42	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	15	J-	16		31		30		22		24		13		22	
Toluene	5	0.38	UJ	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.24	UJ	0.24	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
trans-1,3-Dichloropropene	0.4	0.49	UJ	0.49	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.66	J-	0.75	J	1.4	J	1.3	J	1.2	J	1.5	J	0.7	J	0.99	J
Vinyl chloride	2	0.17	UJ	0.17	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		0.3	U	NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		0.36	U	NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.65	UJ	NA		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2017		2016								2015					
		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate	
		Mar-17		Dec-16		Sep-16		Sep-16		Jun-16		Apr-16		Dec-15		Dec-15	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Acetone	50	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.20	U	0.10	UJ	0.10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	U	0.20	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.27	J	0.26	J
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.7	J	2.6	J	5.1	J	5.0	J	14		35		76		76	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	UJ	0.10	UJ
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Tetrachloroethene	5	30		44		52		54		120		190		330	D	320	D
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.54	J	0.33	J	0.30	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
Trichloroethene	5	1.6	J	1.7	J	2.7	J	2.6	J	6.8	J	14	J	29		29	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2015										2014			
		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A	
		Oct-15		Oct-15		Jul-15		Jul-15		Apr-15		Apr-15		Dec-14	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	11	U	11	U	11	U	11	U	0.50	U	0.50	U	21	U
1,1,2,2-Tetrachloroethane	5	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U	15	U
1,1,2-Trichloroethane	1	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U	19	U
1,1-Dichloroethane	5	8.5	U	8.5	U	8.5	U	8.5	U	0.50	UJ	0.50	UJ	17	U
1,1-Dichloroethene	5	13	U	13	U	13	U	13	U	0.50	U	0.50	U	25	U
1,2-Dichloroethane	0.6	4.2	U	4.2	U	4.2	U	4.2	U	0.50	UJ	0.50	UJ	8.3	U
1,2-Dichloropropane	1	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U	17	U
2-Butanone (MEK)	50	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U	15	UJ
2-Hexanone	50	9.0	U	9.0	U	9.0	U	9.0	U	0.50	U	0.50	U	18	UJ
4-Methyl-2-Pentanone (MIBK)	NC	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U	17	U
Acetone	50	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U	19	UJ
Benzene	1	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U
Bromodichloromethane	50	7.5	U	7.5	U	7.5	U	7.5	U	0.50	U	0.50	U	15	U
Bromoform	50	25	U	25	U	25	U	25	U	0.50	U	0.50	U	50	U
Bromomethane	5	22	U	22	U	22	U	22	U	0.50	U	0.50	U	43	U
Carbon disulfide	60	11	U	11	U	11	U	11	U	0.50	U	0.50	U	21	U
Carbon tetrachloride	5	10	U	10	U	10	U	10	U	0.50	U	0.50	U	20	U
Chlorobenzene	5	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U
Chlorobromomethane	5	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U	17	U
Chloroethane	5	13	U	13	U	13	U	13	U	0.50	U	0.50	U	25	U
Chloroform	7	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.50	U	19	U
Chloromethane	5	12	U	12	U	12	U	12	U	0.50	U	0.50	U	23	U
cis-1,2-Dichloroethene	5	130		120		120		120		34		30		18	UJ
cis-1,3-Dichloropropene	0.4	7.0	U	7.0	U	7.0	U	7.0	U	0.50	U	0.50	U	14	U
Ethylbenzene	5	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U
Methylene chloride	5	6.5	U	6.5	U	6.5	U	6.5	U	0.50	U	0.50	U	13	U
Styrene	5	8.5	U	8.5	U	8.5	U	8.5	U	0.50	U	0.50	U	17	U
Tetrachloroethene	5	360		340		260		270		480		490		590	
Toluene	5	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U
trans-1,2-Dichloroethene	5	9.5	U	9.5	U	9.5	U	9.5	U	0.50	U	0.69	J	19	U
trans-1,3-Dichloropropene	0.4	8.0	U	8.0	U	8.0	U	8.0	U	0.50	U	0.50	U	16	U
Trichloroethene	5	38	J	36	J	24	J	25	J	18		20		19	UJ
Vinyl chloride	2	12	U	12	U	12	U	12	U	0.50	U	0.50	U	23	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	4.1	U	4.1	U	4.1	U	0.50	U	0.50	U	8.2	U	8.2	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014										2013				2012	
		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A	
		Oct-14		Oct-14		Jun-14		Mar-14		Mar-14		Oct-13		Jul-13		Nov-12	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	21	U	21	U	21	U	21	U	21	U	110	U	21	U	2.1	U
1,1,2,2-Tetrachloroethane	5	15	U	15	U	15	U	15	U	15	U	75	U	15	U	1.5	U
1,1,2-Trichloroethane	1	19	U	19	U	19	U	19	U	19	U	95	U	19	U	1.9	U
1,1-Dichloroethane	5	17	U	17	U	17	U	17	U	17	U	85	U	17	U	1.7	U
1,1-Dichloroethene	5	25	U	25	U	25	U	25	U	25	U	130	U	25	U	2.5	U
1,2-Dichloroethane	0.6	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	42	U	8.3	U	0.83	U
1,2-Dichloropropane	1	17	U	17	U	17	U	17	U	17	U	85	U	17	U	1.7	U
2-Butanone (MEK)	50	15	U	15	U	15	U	15	UJ	15	UJ	75	U	15	U	1.5	U
2-Hexanone	50	18	U	18	U	18	U	18	U	18	U	90	U	18	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	17	U	17	U	17	U	17	U	17	U	85	U	17	U	1.7	U
Acetone	50	19	U	19	U	19	U	19	U	19	U	95	U	19	U	1.9	U
Benzene	1	16	U	16	U	16	U	16	U	16	U	80	U	16	U	1.6	U
Bromodichloromethane	50	15	U	15	U	15	U	15	U	15	U	75	U	15	U	1.5	U
Bromoform	50	50	U	50	U	50	U	50	U	50	U	250	U	50	U	5.0	UJ
Bromomethane	5	43	U	43	U	43	U	43	UJ	43	UJ	220	U	43	U	4.3	U
Carbon disulfide	60	21	U	21	U	21	U	21	U	21	U	110	U	21	U	2.1	U
Carbon tetrachloride	5	20	U	20	U	20	U	20	U	20	U	100	U	20	U	2.0	U
Chlorobenzene	5	16	U	16	U	16	U	16	U	16	U	80	U	16	U	1.6	U
Chlorobromomethane	5	17	U	17	U	17	U	17	U	17	U	85	U	17	U	1.7	U
Chloroethane	5	25	U	25	U	25	U	25	U	25	U	130	U	25	U	2.5	U
Chloroform	7	19	U	19	U	19	U	19	U	19	U	95	U	19	U	1.9	U
Chloromethane	5	23	U	23	U	23	U	23	U	23	U	120	U	23	U	2.3	U
cis-1,2-Dichloroethene	5	57	J	57	J	180		190		190		170	J	150		40	
cis-1,3-Dichloropropene	0.4	14	U	14	U	14	U	14	U	14	U	70	U	14	U	1.4	U
Ethylbenzene	5	16	U	16	U	16	U	16	U	16	U	80	U	16	U	1.6	U
Methylene chloride	5	13	U	13	U	13	U	13	U	13	U	65	U	13	U	1.3	U
Styrene	5	17	U	17	U	17	U	17	U	17	U	85	U	17	U	1.7	U
Tetrachloroethene	5	1,400	J	1,400		1,900		1,600		1,700		9,600		7,200	D	1,000	D
Toluene	5	16	U	16	U	16	U	16	U	16	U	80	U	16	U	1.6	U
trans-1,2-Dichloroethene	5	19	U	19	U	19	U	19	U	19	U	95	U	19	U	1.9	U
trans-1,3-Dichloropropene	0.4	16	U	16	U	16	U	16	U	16	U	80	U	16	U	1.6	U
Trichloroethene	5	57	J	55	J	140		140		130		280	J	230		53	
Vinyl chloride	2	23	U	23	U	23	U	23	U	23	U	120	U	23	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	8.2	U	8.2	U	8.2	U	8.2	U	41	U	8.2	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2012						2011									
		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate	
		Jul-12		Jul-12		Apr-12		Dec-11		Jul-11		Jul-11		Mar-11		Mar-11	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	UJ	1.5	UJ	1.5	U	1.5	UJ	0.10	U	0.10	U	0.10	UJ	0.10	UJ
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	UJ	1.9	UJ	1.9	U	1.9	UJ	0.78	UJ	0.54	UJ	0.49	UJ	0.24	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	1.2	J
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	U	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.26	U	0.25	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	0.20	J	0.10	J	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	28		27		4.9	J	1.8	U	0.12	J	0.12	J	0.26	J	0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.46	U	0.36	U	0.33	U	0.30	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	770	D	770	D	84		21		15		13		12		12	
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	45		44		8.9	J	1.9	U	0.10	U	0.48	J	0.16	J	0.13	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.34	J	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2010										2009					
		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A	
		Dec-10		Sep-10		Sep-10		Jun-10		Mar-10		Dec-09		Dec-09		Sep-09	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.73	JB*	1.2	J	1.1	J	0.10	U*	0.42	JB*	0.95	JB*	1.2	JB*	0.48	JB*
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.12	J	0.12	J	0.16	J	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.28	J*	0.29	J*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.21	J	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.49	JB*	0.27	JB	0.23	JB	0.25	JB	0.40	JB	0.53	JB	0.54	JB	0.43	JB
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	12		10		9.9	J	17		23		20		20		20	
Toluene	5	0.10	U	0.15	J	0.12	J	0.10	U	0.19	J	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.13	J	0.16	J	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.49	J	0.34	J	0.38	J	0.64	J	0.82	J	1.1	J	0.98	J	0.93	J
Vinyl chloride	2	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009						2008					
		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A	
		Sep-09		Jun-09		Mar-09		Dec-08		Dec-08		Sep-08	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte													
1,1,1-Trichloroethane	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U*	0.10	U*	10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U*	0.10	U*	10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U	0.10	U*	0.10	U*	0.10	U
Acetone	50	0.40	JB*	1.0	J*B	10	UJ	0.10	U	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.27	J	0.34	J	0.10	U	0.10	U	0.1	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.43	JB	0.40	JB	10	U	0.10	U	0.10	U	0.37	JB
Styrene	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	20		39		29		63		62		77	
Toluene	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.13	J	10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.89	J	1.7	J	1.3	J	2.3	J	2.3	J	3.6	J
Vinyl chloride	2	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2008		2007						2006			
		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A	
		Mar-08		Dec-07		Dec-07		Aug-07		May-07		Feb-07	
		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs		64-74 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte													
1,1,1-Trichloroethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,1,2,2-Tetrachloroethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,1,2-Trichloroethane	1	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,1-Dichloroethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,1-Dichloroethene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,2-Dichloroethane	0.6	0.40	U	5	U	5	U	1.0	U	200	U	400	U
1,2-Dichloropropane	1	0.40	U	5	U	5	U	1.0	U	200	U	400	U
2-Butanone (MEK)	50	0.40	U	10	U	10	U	1.0	U	200	U	400	U
2-Hexanone	50	0.40	U	10	U	10	U	1.0	U	200	U	400	U
4-Methyl-2-Pentanone (MIBK)	NC	0.40	U	10	U	10	U	1.0	U	200	U	400	U
Acetone	50	0.40	U	10	U	10	U	1.0	U	200	U	400	U
Benzene	1	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Bromodichloromethane	50	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Bromoform	50	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Bromomethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Carbon disulfide	60	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Carbon tetrachloride	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chlorobenzene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chlorobromomethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chloroethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chloroform	7	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Chloromethane	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
cis-1,2-Dichloroethene	5	3.2	J	8.1		8.3		7.8	J	7.7	J	12	J
cis-1,3-Dichloropropene	0.4	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Ethylbenzene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Methylene chloride	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Styrene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Tetrachloroethene	5	380		1,200		1,300		1,400		2,200		5,400	
Toluene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
trans-1,2-Dichloroethene	5	0.40	U	5	U	5	U	1.0	U	200	U	400	U
trans-1,3-Dichloropropene	0.4	0.40	U	5	U	5	U	1.0	U	200	U	400	U
Trichloroethene	5	25		78		88		74		110	J	130	J
Vinyl chloride	2	0.40	U	5	U	5	U	1.0	U	2.2	J	400	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA	
Total Xylenes	5	5	U	5	U	1.0	U	200	U	400	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2016		2015						2014			
		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B	
		Mar-18		Dec-16		Dec-15		Oct-15		Jul-15		Apr-15		Dec-14	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.10	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.10	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
Acetone	50	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	0.10	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	4.3	U	4.3	U	0.10	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	0.10	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.11	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	0.10	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
Methylene chloride	5	0.52	U	0.10	U	0.10	U	1.3	U	1.3	U	0.10	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
Tetrachloroethene	5	1.3	J	0.58	J	0.95	U	2.1	U	2.1	U	1.3	U	2.1	U
Toluene	5	0.10	U	0.32	J	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
Trichloroethene	5	0.33	J	0.21	J	0.25	J	1.9	U	1.9	U	0.25	J	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.82	U	0.10	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014				2013					2012						
		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate	FSMW-8B		FSMW-8B		FSMW-8B		
		Jun-14		Mar-14		Oct-13		Jul-13		Jul-13	Nov-12		Jul-12		Apr-12		
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	(µg/L)		(µg/L)		(µg/L)		
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	4.5	J	2.1	U	2.1	U
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2012		2011				2010							
		FSMW-8B - Duplicate		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B	
		Apr-12		Dec-11		Jul-11		Mar-11		Dec-10		Dec-10		Sep-10	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	1.5	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U*
2-Hexanone	50	1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	U	1.9	UJ	0.46	UJ	0.35	UJ	0.63	JB*	0.56	JB*	1.1	J
Benzene	1	1.6	U	1.60	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	0.10	U	0.25	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.10	U	0.14	J	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	2.5	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Chloroform	7	1.9	U	1.9	U	0.10	U	0.10	U	0.11	JB	0.10	U	0.10	U
Chloromethane	5	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	J*
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	0.10	U	0.10	U	2.3	J	0.22	J	0.21	J
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	0.39	U	0.27	U	0.46	JB	0.49	JB	0.22	JB
Styrene	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	2.1	U	3.0	U	1.9	J	2.4	J	2.5	J	2.8	J	2.6	J
Toluene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	0.81	J	1.3	J	2.4	J	2.4	J	2.4	J
Vinyl chloride	2	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2010				2009								2008			
		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B	
		Mar-10		Mar-10		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U
Acetone	50	0.10	JB*	1.0	JB*	0.48	JB*	0.10	U	0.89	JB*	0.48	J	0.10	UJ	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.20	J	0.19	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.12	J	0.20	J	0.21	J	0.10	U	0.18	J	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.36	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.11	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.28	J	0.35	J	0.32	J	0.28	J	0.25	J	0.26	J	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.48	JB	0.42	JB	0.55	JB	0.37	JB	0.38	JB	0.14	JB	0.10	U	0.29	JB
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	3.7	J	3.2	J	2.7	J	2.2	J	2.1	J	1.6	J	2.1	J	1.3	J
Toluene	5	0.10	U	0.18	J	0.10	U	0.10	U	0.10	U	0.13	J	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	3.0	J	3.0	J	3.0	J	2.5	J	2.2	J	1.9	J	1.6	J	1.5	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2008						2007						2006	
		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B	
		Jun-08		Jun-08		Mar-08		Dec-07		Aug-07		May-07		Feb-07	
		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs		132-142 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U
Acetone	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	10	U	10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	U	10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	UJ
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Methylene chloride	5	0.10	U	0.74	JB	0.10	U	5	U	0.10	U	10	U	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Tetrachloroethene	5	1.9	J	1.7	J	1.6	J	10	U	2.4	J	10	U	18	U
Toluene	5	0.10	U	0.10	U	0.10	U	0.63	J	0.10	U	10	U	10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	0.75	J	10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Trichloroethene	5	1.4	J	1.5	J	1.2	J	0.98	J	1.4	J	1.2	J	1.2	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2006				2018		2016		2015		2014				2013	
		FSMW-8B - Duplicate		FSMW-8B		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A - Duplicate		FSMW-9A	
		Nov-06		Aug-06		Mar-18		Dec-16		Oct-15		Oct-14		Oct-14		Oct-13	
		132-142 feet bgs		132-142 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	11	U
1,1,2,2-Tetrachloroethane	5	10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	7.5	U
1,1,2-Trichloroethane	1	10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U
1,1-Dichloroethane	5	10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U
1,1-Dichloroethene	5	10	U	10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	13	U
1,2-Dichloroethane	0.6	10	U	10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	4.2	U
1,2-Dichloropropane	1	10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U
2-Butanone (MEK)	50	10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	7.5	U
2-Hexanone	50	10	U	10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	9.0	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U
Acetone	50	10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U
Benzene	1	10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U
Bromodichloromethane	50	10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	7.5	U
Bromoform	50	10	U	10	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	25	U
Bromomethane	5	10	U	10	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	U	22	U
Carbon disulfide	60	10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	11	U
Carbon tetrachloride	5	10	U	10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	10	U
Chlorobenzene	5	10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U
Chlorobromomethane	5	10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U
Chloroethane	5	10	U	10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	13	U
Chloroform	7	10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U
Chloromethane	5	10	U	10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	12	U
cis-1,2-Dichloroethene	5	10	U	10	U	0.10	U	1.3	J	2.1	J	14		14		320	
cis-1,3-Dichloropropene	0.4	10	U	10	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	7.0	U
Ethylbenzene	5	10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U
Methylene chloride	5	10	U	10	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	6.5	U
Styrene	5	10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U
Tetrachloroethene	5	3	J	17		10		4.1	J	7.4	J	93		93		770	
Toluene	5	10	U	10	U	0.10	U	3.0	J	1.6	U	1.6	U	1.6	U	8.0	U
trans-1,2-Dichloroethene	5	10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U
trans-1,3-Dichloropropene	0.4	10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U
Trichloroethene	5	2	J	1	J	0.66	J	0.83	J	1.9	U	8.9	J	8.9	J	160	
Vinyl chloride	2	10	U	10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	12	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U	4.1	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2012		2010		2009		2008		2007		2006		2018		2016	
		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9B		FSMW-9B	
		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06		Mar-18		Dec-16	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	UJ
1,1,2-Trichloroethane	1	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	UJ
1,1-Dichloroethene	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	UJ	0.10	U*	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	UJ
2-Hexanone	50	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	UJ
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	UJ
Acetone	50	1.9	UJ	0.90	JB*	1	J	0.10	U	0.10	U	500	U	0.10	U	0.10	UJ
Benzene	1	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Bromoform	50	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	500	UJ	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	0.10	U*	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.63	J	500	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	500	UJ	0.10	U	0.10	UJ
Chloroform	7	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	UJ
cis-1,2-Dichloroethene	5	270	D	0.22	J	0.1	J	0.10	U	4.3	J	500	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	0.23	JB	0.42	JB	0.10	U	0.10	U	110	J	0.10	U	0.10	U
Styrene	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Tetrachloroethene	5	440	D	16	B	28	U	52		500		3,900		0.73	J	0.77	U
Toluene	5	2.0	J	0.33	J	0.13	J	0.10	U	0.43	J	500	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	U
Trichloroethene	5	190		0.32	J	0.28	J	0.59	J	36		260	J	0.10	U	0.20	J
Vinyl chloride	2	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	500	U	0.10	U	0.10	UJ
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	500	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2015		2014		2013		2012		2010		2009				2008	
		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B - Duplicate		FSMW-9B	
		Oct-15		Oct-14		Oct-13		Nov-12		Sep-10		Oct-09		Oct-09		Sep-08	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	UJ	0.10	U*	0.10	U	0.10	U	0.10	U
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	U	1.9	U	4.1	U	1.9	UJ	0.93	JB*	1.2	J	1.20	U	0.10	U*
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	U	4.3	UJ	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.28	JB	0.4	JB	0.46	JB	0.10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	2.1	U	2.4	J	2.1	U	14		7.2	JB	9.3	J	10	J	29	
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.2	J	0.17	J	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.24	J	0.47	J	0.49	J	0.50	J*
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2007		2006		2018		2016		2015		2014		2013		2012	
		FSMW-9B		FSMW-9B		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A	
		Aug-07		Aug-06		Mar-18		Dec-16		Oct-15		Sep-14		Oct-13		Nov-12	
		137-147 feet bgs		137-147 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	0.10	U	0.10	UJ	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	10	U	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	UJ
1,2-Dichloroethane	0.6	0.10	U	10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	10	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	10	U	0.10	U	0.10	UJ	1.8	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	10	U	0.10	U	0.10	UJ	1.9	U	1.9	U	1.9	U	1.9	U
Benzene	1	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	10	U	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ
Bromomethane	5	0.10	U	10	UJ	0.10	U	0.10	U	4.3	U	4.3	U	4.3	UJ	4.3	UJ
Carbon disulfide	60	0.10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	10	UJ	0.10	U	0.10	UJ	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	10	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	25		10	U	2.0	J	0.69	U	3.2	J	3.2	U	140		12	
Toluene	5	0.10	U	10	U	0.10	U	1.40	J	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	1.1	J	2	J	0.10	U	0.10	U	1.9	U	1.9	U	2.3	J	1.9	U
Vinyl chloride	2	0.10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	U	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2012		2010				2009		2008				2007		2006	
		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A	
		Nov-12		Sep-10		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1,2-Trichloroethane	1	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1-Dichloroethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1-Dichloroethene	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,2-Dichloroethane	0.6	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
1,2-Dichloropropane	1	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	UJ
2-Hexanone	50	1.8	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.6	J	1.1	J	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
Benzene	1	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromodichloromethane	50	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	60	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobromomethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane	5	2.3	U	0.25	J*	0.20	J*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1,2-Dichloroethene	5	1.8	U	0.17	J	0.15	J	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1,3-Dichloropropene	0.4	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	0.26	JB	0.25	JB	0.36	JB	0.10	U	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	10		200	B	200	B	44		11		11		72		87	
Toluene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1,2-Dichloroethene	5	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1,3-Dichloropropene	0.4	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	J	2.0	J	0.54	J	0.10	U	0.10	U	1.5	J	2	J
Vinyl chloride	2	2.3	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2016		2015		2014		2013		2010		2009		2008	
		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B	
		Mar-18		Dec-16		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08	
		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	0.27	J	0.27	J	0.73	J
1,1-Dichloroethene	5	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	0.11	J	0.12	J	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U
2-Hexanone	50	0.10	U	0.10	UJ	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	U	0.10	UJ	1.9	U	1.9	U	1.9	U	1.2	J	0.62	JB*	0.10	U*
Benzene	1	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	4.3	U	4.3	U	4.3	UJ	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	UJ	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	0.28	JB	0.34	JB	0.47	JB
Styrene	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	1.4	J	0.69	U	2.1	U	2.1	U	2.1	U	0.86	J	0.55	J	0.10	U
Toluene	5	0.10	U	1.40	J	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.1	J	0.84	J	1.9	U	1.9	U	1.9	U	1.3	J	1.3	J	1.3	J
Vinyl chloride	2	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2007		2018		2016		2015		2014		2013				2010	
		FSMW-10B		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-11 - Duplicate		FSMW-11	
		Aug-07		Mar-18		Dec-16		Oct-15		Sep-14		Oct-13		Oct-13		Sep-10	
		137-147 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Acetone	50	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.6	J
Benzene	1	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	0.22	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	0.27	JB
Styrene	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	0.34	J	0.65	J	1.00	J	2.1	U	2.1	U	2.5	J	2.5	J	2.3	J
Toluene	5	0.10	U	0.10	U	0.33	J	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	1.6	J	0.53	J	0.56	J	1.9	U	1.9	U	4.8	J	4.9	J	3.0	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009		2008		2007		2006		2018		2016		2015		2015	
		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-12		FSMW-12		FSMW-12		FSMW-12 - Duplicate	
		Sep-09		Sep-08		Aug-07		Aug-06		Mar-18		Dec-16		Oct-15		Oct-15	
		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	0.10	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	0.10	UJ	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
Acetone	50	1.5	U	0.10	U	0.10	UJ	10	U	0.10	U	0.10	UJ	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	5.0	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.13	J	0.10	U	1.3	J	0.6	J	0.10	U	0.10	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	UJ	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.34	J	0.59	J	0.95	J	10	U	0.10	U	0.10	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Methylene chloride	5	0.41	JB	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.7	U	1.7	U
Tetrachloroethene	5	3.3	J	3.0	J	6.9	J	5.0	J	1.50	J	4.8	J	2.1	J	2.3	J
Toluene	5	0.29	J	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	1.6	U	1.6	U
Trichloroethene	5	4	J	13		22		21		6.9	J	5.7	J	6.6	J	6.4	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	10	U	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2014		2013		2010		2009		2008				2007		2006	
		FSMW-12		FSMW-12		FSMW-12		FSMW-12		FSMW-12		FSMW-12 - Duplicate		FSMW-12		FSMW-12	
		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	0.10	U	0.11	J	0.10	U	0.10	U	0.10	U	10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
1,2-Dichloropropane	1	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
2-Hexanone	50	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	2.8	J	1.1	JB*	0.75	J	0.10	U*	0.10	U*	0.10	U	10	U
Benzene	1	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromodichloromethane	50	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	60	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobromomethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	5	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane	5	2.3	U	2.3	U	0.22	J*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	1.3	U	0.30	JB	0.49	JB	0.54	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	J	1.8	JB	0.65	J	0.10	U	0.10	U	2.3	J	10	U
Toluene	5	1.6	U	1.6	U	0.10	U	0.25	J	0.10	U	0.10	U	0.10	U	10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	3.7	J	1.9	J	2.2	J	2.4	J	0.10	U*	0.10	U*	0.26	J	10	U
Vinyl chloride	2	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018										2017					
		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A	
		Dec-18		Sep-18		Jun-18		Jun-18		Mar-18		Dec-17		Dec-17		Sep-17	
		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.20	U	0.20	U	0.20	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.20	U	0.20	U	0.20	U	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.20	U	0.20	U	0.20	U	0.10	U
1,1-Dichloroethene	5	0.12	U	0.12	U	0.12	U	0.12	U	0.20	U	0.20	J	0.20	U	0.15	J
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U
1,2-Dichloropropane	1	1.2		1.2		1.4	J+	1		1.2	J	1.0	J	1.10	J	1.3	J
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	0.20	U	0.20	U	0.20	U	0.10	U
2-Hexanone	50	2.9	U	2.9	U	2.9	U	2.9	U	0.20	U	0.20	U	0.20	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	2.7	U	2.7	U	2.7	U	2.7	U	0.20	U	0.20	U	0.20	U	0.10	U
Acetone	50	5	U	5	U	5	U	5	U	2.7	U	0.20	U	0.20	U	0.10	U
Benzene	1	0.43	U	0.43	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.20	U	0.20	U	0.20	U	0.10	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.20	U	0.20	U	0.20	U	0.10	U
Bromomethane	5	1	U	1	U	1	U	1	U	0.20	U	0.20	U	0.20	U	0.10	U
Carbon disulfide	60	0.16	U	0.16	U	0.16	U	0.16	U	0.20	U	0.20	U	0.20	U	0.10	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.20	U	0.20	U	0.20	U	0.10	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.20	U	0.20	U	0.20	U	0.10	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.20	U	0.20	U	0.20	U	0.10	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.20	U	0.20	U	0.20	U	0.10	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.20	U	0.20	U	0.20	U	0.10	U
Chloromethane	5	0.14	U	0.14	U	0.14	U	0.14	U	0.20	U	0.20	U	0.20	U	0.10	U
cis-1,2-Dichloroethene	5	10		6.5		6.9	J+	6.3		6.6	J	8.3	J	8.1	J	7.6	J
cis-1,3-Dichloropropene	0.4	0.46	U	0.46	U	0.46	U	0.46	U	0.20	U	0.20	U	0.20	U	0.10	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.20	U	0.20	U	0.20	U	0.10	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.86	U	0.20	U	1.20	J	0.10	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.20	U	0.20	U	0.20	U	0.10	U
Tetrachloroethene	5	280		190		200	J+	170		170		190		190		180	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.20	U	0.20	U	0.20	J	0.10	U
trans-1,2-Dichloroethene	5	0.32	J	0.24	U	0.24	U	0.24	U	0.20	U	0.20	J	0.20	U	0.17	J
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.49	U	0.20	U	0.20	U	0.20	U	0.10	U
Trichloroethene	5	10		5.6		7.9	J+	6.5		6.9	J	7.2	J	6.3	J	6.4	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.20	U	0.20	U	0.20	U	0.10	U
m+p Xylene	5	NA		NA		0.3	U	0.3	U	NA		NA		NA		NA	
o-Xylene	5	NA		NA		0.36	U	0.36	U	NA		NA		NA		NA	
Total Xylenes	5	0.65	U	0.65	U	NA		NA		0.20	U	0.20	U	0.20	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2017				2016											
		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate	
		Jun-17		Mar-17		Dec-16		Sep-16		Sep-16		Jul-16		Apr-16		Apr-16	
		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.21	J	0.18	J
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.1	J	0.10	U	1.3	J	1.0	J	1.0	J	0.96	J	0.37	J	0.47	J
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	U	0.10	UJ	0.10	UJ
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	6.5	J	6.9	J	5.4	J	6.2	J	6.5	J	5.4	J	7.1	J	7.2	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	180		150		150		160		160		180		170	D	180	D
Toluene	5	0.10	U	0.26	J	0.26	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	UJ	0.10	U	0.10	U	0.12	J	0.18	J	0.10	U	0.18	J	0.16	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	6.0	J	5.7	J	5.2	J	6.0	J	6.3	J	6.0	J	8.4	J	8.7	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2015		2014		2013		2012		2010		2009		2008		2007	
		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A	
		Oct-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07	
		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	4.2	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	3.8	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	5.0	U	2.5	U	2.5	U	2.5	U	0.25	J	0.2	J	0.10	U	0.10	U
1,2-Dichloroethane	0.6	1.7	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	3.4	U	1.7	U	1.7	U	1.7	U	0.35	J	0.25	J	0.10	U	0.10	U
2-Butanone (MEK)	50	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	U
2-Hexanone	50	3.6	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	3.8	U	1.9	U	6.5	U	1.9	U	0.44	JB*	0.10	U	0.10	U*	0.10	U
Benzene	1	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	10	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	8.6	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	4.2	U	2.1	U	2.1	U	2.1	U	0.1	U*	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	4.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	5.0	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	3.8	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	4.6	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	9.4	J	12		5.3	J	3.1	J	5.7	J	4.3	J	8.2	J	20	
cis-1,3-Dichloropropene	0.4	2.8	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	2.6	U	1.3	U	1.3	U	1.3	U	0.23	JB	0.39	JB	0.10	U	0.10	U
Styrene	5	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	260		350	D	140		19		240		200		95		570	
Toluene	5	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	3.8	U	1.9	U	1.9	U	1.9	U	0.12	J	0.16	J	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	11	J	14		5.8	J	1.9	U	6.5	J	4.7	J	8.2	J	20	
Vinyl chloride	2	4.6	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.6	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2006		2018		2016		2015				2014		2013		2012	
		FSMW-13A		FSMW-13B		FSMW-13B		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B		FSMW-13B	
		Aug-06		Mar-18		Dec-16		Oct-15		Oct-15		Oct-14		Oct-13		Nov-12	
		69-79 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	40	U	0.50	U	0.50	U	4.2	U	4.2	U	4.2	U	11	U	2.1	U
1,1,2,2-Tetrachloroethane	5	40	U	0.50	U	0.50	U	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U
1,1,2-Trichloroethane	1	40	U	0.50	U	0.50	U	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U
1,1-Dichloroethane	5	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
1,1-Dichloroethene	5	40	U	0.50	U	0.50	U	5.0	U	5.0	U	5.0	U	13	U	2.5	U
1,2-Dichloroethane	0.6	40	U	0.50	U	0.50	U	1.7	U	1.7	U	1.7	U	4.2	U	0.83	U
1,2-Dichloropropane	1	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
2-Butanone (MEK)	50	40	U	0.50	U	0.50	U	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U
2-Hexanone	50	40	U	0.50	U	0.50	U	3.6	U	3.6	U	3.6	U	9.0	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
Acetone	50	40	U	6.4	U	0.50	U	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U
Benzene	1	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
Bromodichloromethane	50	40	U	0.50	U	0.50	U	3.0	U	3.0	U	3.0	U	7.5	U	1.5	U
Bromoform	50	40	U	0.50	U	0.50	U	10	U	10	U	10	U	25	U	5.0	U
Bromomethane	5	40	U	0.50	U	0.50	U	8.6	U	8.6	U	8.6	U	22	U	4.3	U
Carbon disulfide	60	40	U	0.50	U	0.50	U	4.2	U	4.2	U	4.2	U	11	U	2.1	U
Carbon tetrachloride	5	40	U	0.50	U	0.50	U	4.0	U	4.0	U	4.0	U	10	U	2.0	U
Chlorobenzene	5	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
Chlorobromomethane	5	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
Chloroethane	5	40	U	0.50	U	0.50	U	5.0	U	5.0	U	5.0	U	13	U	2.5	U
Chloroform	7	40	U	0.50	U	0.50	U	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U
Chloromethane	5	40	U	0.50	U	0.50	U	4.6	U	4.6	U	4.6	U	12	U	2.3	U
cis-1,2-Dichloroethene	5	12	J	11	J	7.1	J	3.6	U	3.6	U	5.5	J	17	J	9.4	J
cis-1,3-Dichloropropene	0.4	40	U	0.50	U	0.50	U	2.8	U	2.8	U	2.8	U	7.0	U	1.4	U
Ethylbenzene	5	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
Methylene chloride	5	40	U	2.4	U	0.50	U	2.6	U	2.6	U	2.6	U	6.5	U	1.3	U
Styrene	5	40	U	0.50	U	0.50	U	3.4	U	3.4	U	3.4	U	8.5	U	1.7	U
Tetrachloroethene	5	360		450		400		180		200		330		770		620	D
Toluene	5	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
trans-1,2-Dichloroethene	5	40	U	0.50	U	0.50	U	3.8	U	3.8	U	3.8	U	9.5	U	1.9	U
trans-1,3-Dichloropropene	0.4	40	U	0.50	U	0.50	U	3.2	U	3.2	U	3.2	U	8.0	U	1.6	U
Trichloroethene	5	13	J	24	J	16	J	12	J	12	J	31		110		60	
Vinyl chloride	2	40	U	0.50	U	0.50	U	4.6	U	4.6	U	4.6	U	12	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.6	U	0.50	U	0.50	U	1.6	U	1.6	U	4.1	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2010				2009				2008				2007		2006	
		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B	
		Sep-10		Sep-10		Sep-09		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06	
		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1,1-Dichloroethane	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1,1-Dichloroethene	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
1,2-Dichloropropane	1	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
2-Butanone (MEK)	50	0.10	U	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
2-Hexanone	50	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Acetone	50	1.2	J	0.93	JB*	15	J	18	J	0.10	U*	0.10	U*	0.10	U	200	U
Benzene	1	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Bromodichloromethane	50	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Bromoform	50	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Bromomethane	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	UJ
Carbon disulfide	60	0.10	U	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Carbon tetrachloride	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chlorobenzene	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.45	J	200	U
Chlorobromomethane	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chloroethane	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	UJ
Chloroform	7	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Chloromethane	5	0.20	J*	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
cis-1,2-Dichloroethene	5	1.7	J	2.0	J	21	J	22	J	19		20		23		23	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Ethylbenzene	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	J	200	U
Methylene chloride	5	0.25	JB	0.30	JB	49	JB	48	JB	0.20	JB	0.10	U	0.10	U	200	U
Styrene	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Tetrachloroethene	5	450	B	460		3,700		3,700		1,900		2,000		2,700		2,900	
Toluene	5	0.11	J	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
Trichloroethene	5	8.8	J	9.0	J	71	J	72	J	50		57		65		69	J
Vinyl chloride	2	0.10	U*	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	200	U	1.6	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2018		2016		2015		2014		2013				2012		2010	
		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C - Duplicate		FSMW-13C		FSMW-13C	
		Mar-18		Dec-16		Oct-15		Sep-14		Oct-13		Oct-13		Nov-12		Sep-10	
		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.2	J	0.88	J	4.2	U	4.2	U	4.2	U	2.1	U	2.1	U	1.1	J
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	UJ	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	UJ	3.8	U	3.8	U	3.8	U	1.9	U	1.9	U	0.20	J
1,1-Dichloroethane	5	0.96	J	0.69	J	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	1.3	J
1,1-Dichloroethene	5	6.7	J	4.3	J	5.0	U	5.0	UJ	5.0	UJ	2.6	J	2.5	U	4.4	J
1,2-Dichloroethane	0.6	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U*
2-Hexanone	50	0.10	U	0.10	U	3.6	U	3.6	U	3.6	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U
Acetone	50	0.10	U	0.10	UJ	3.8	U	3.8	U	3.8	U	21	U	1.9	U	0.96	JB*
Benzene	1	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	10	U	10	UJ	10	U	5.0	U	5.0	UJ	0.10	U
Bromomethane	5	0.10	U	0.10	U	8.6	U	8.6	U	8.6	U	4.3	U	4.3	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	4.2	U	4.2	U	4.2	U	2.1	U	2.1	U	0.10	U*
Carbon tetrachloride	5	3.4	J	3.8	J	8.5	J	7.6	J	6.0	J	6.9	J	2.0	U	20	
Chlorobenzene	5	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	2.5	U	2.5	U	0.10	U
Chloroform	7	3.8	J	2.8	J	4.7	J	5.2	J	3.8	U	3.5	J	1.9	U	2.1	J
Chloromethane	5	0.10	U	0.10	UJ	4.6	U	4.6	U	4.6	U	2.3	U	2.3	U	0.10	U*
cis-1,2-Dichloroethene	5	39		34		56		61		79		78		1.8	U	53	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	2.8	U	2.8	U	2.8	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	2.6	U	2.6	U	2.6	U	1.3	U	1.3	U	0.23	JB
Styrene	5	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	40		39		58		63		64		70		640	J	100	B
Toluene	5	0.10	J	0.17	J	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.11	J
trans-1,2-Dichloroethene	5	0.43	J	0.33	J	3.8	U	3.8	U	3.8	U	1.9	U	1.9	U	0.55	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	200		180		300		340		390		410	D	13		560	
Vinyl chloride	2	0.10	U	0.10	U	4.6	U	4.6	U	4.6	U	2.3	U	2.3	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	1.6	U	1.6	U	0.82	U	0.82	U	0.10	U	0.5	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2009		2008		2007		2006		2018							
		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A	
		Sep-09		Sep-08		Aug-07		Aug-06		Dec-18		Sep-18		Jun-18		Mar-18	
		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.2	J	1.4	J	1.8	J	40	U	2.4	U	4.8	UJ	1.2	U	2.0	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.10	U	0.10	U	40	U	3.7	U	7.3	UJ	1.8	U	2.0	U
1,1,2-Trichloroethane	1	0.5	U	0.10	U	0.10	U	40	U	4.3	U	8.7	UJ	2.2	U	2.0	U
1,1-Dichloroethane	5	1.1	J	0.88	J	0.72	J	40	U	2.6	U	5.3	UJ	1.3	U	2.0	U
1,1-Dichloroethene	5	4.5	J	0.10	U	5.3	J	40	U	1.2	U	2.3	UJ	0.59	U	2.0	U
1,2-Dichloroethane	0.6	0.5	U	0.10	U	0.10	U	40	U	4.3	U	8.6	U	2.2	U	2.0	U
1,2-Dichloropropane	1	0.5	U	0.10	U	0.10	U	40	U	3.5	U	7.1	UJ	1.8	U	2.0	U
2-Butanone (MEK)	50	0.5	U	0.10	U	0.10	U	40	U	19	U	37	UJ	9.3	U	2.0	U
2-Hexanone	50	0.5	U	0.10	U	0.10	U	40	U	29	U	58	UJ	15	U	2.0	U
4-Methyl-2-Pentanone (MIBK)	NC	0.5	U	0.10	U	0.10	U	40	U	27	U	55	UJ	14	U	2.0	U
Acetone	50	3.8	J	0.10	U*	0.10	U	40	U	52	B	100	UJ	25	U	2.0	U
Benzene	1	0.5	U	0.10	U	0.10	U	40	U	4.3	U	8.6	UJ	2.1	U	2.0	U
Bromodichloromethane	50	0.5	U	0.10	U	0.10	U	40	U	3.4	U	6.9	UJ	1.7	U	2.0	U
Bromoform	50	0.5	U	0.10	U	0.10	U	40	U	5.4	U	11	UJ	2.7	U	2.0	U
Bromomethane	5	0.5	U	0.10	U	0.10	U	40	UJ	10	UJ	20	UJ	5	U	2.0	U
Carbon disulfide	60	0.5	U	0.10	U	0.10	U	40	U	1.6	U	3.1	UJ	0.78	U	2.0	U
Carbon tetrachloride	5	16	J	28		36		42		2.1	U	4.2	UJ	1	U	2.0	U
Chlorobenzene	5	0.5	U	0.10	U	0.10	U	40	U	3.8	U	7.5	UJ	1.9	U	2.0	U
Chlorobromomethane	5	0.5	U	0.10	U	0.10	U	40	U	4.1	U	8.2	UJ	2.1	U	2.0	U
Chloroethane	5	0.5	U	0.10	U	0.10	U	40	UJ	3.2	U	6.4	UJ	1.6	U	2.0	U
Chloroform	7	2.1	J	1.60	J	1.7	J	1	J	3.3	U	6.5	UJ	1.6	U	2.0	U
Chloromethane	5	0.5	U	0.10	U	0.10	U	40	U	1.4	UJ	2.9	UJ	0.72	U	2.0	U
cis-1,2-Dichloroethene	5	39	J	28		20		15	J	2.7	J	4.4	UJ	14		35	J
cis-1,3-Dichloropropene	0.4	0.5	U	0.10	U	0.10	U	40	U	4.6	U	9.1	UJ	2.3	U	2.0	U
Ethylbenzene	5	0.5	U	0.10	U	0.10	U	40	U	3	U	6	UJ	1.5	U	2.0	U
Methylene chloride	5	8.4	JB	0.42	JB	0.10	U	40	U	3.2	U	6.3	UJ	1.6	U	2.0	U
Styrene	5	0.5	U	0.10	U	0.10	U	40	U	4.2	U	8.3	UJ	2.1	U	2.0	U
Tetrachloroethene	5	96		67		88		89		2,900		3,000	J-	1,600		3,100	
Toluene	5	0.5	U	0.10	U	0.10	U	40	U	3.8	U	7.6	UJ	1.9	U	2.0	U
trans-1,2-Dichloroethene	5	0.93	J	2.0	J	0.10	U	40	U	2.4	U	4.7	UJ	1.2	U	2.0	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.10	U	0.10	U	40	U	4.9	U	9.7	UJ	2.4	U	2.0	U
Trichloroethene	5	510		410		530		500		42		42	J-	45		100	J
Vinyl chloride	2	0.5	U	0.10	U	0.10	U	40	U	1.7	U	3.4	UJ	0.86	U	2.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		1.5	U	NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		1.8	U	NA	
Total Xylenes	5	0.10	U	0.10	U	40	U	82	U	6.5	U	13	UJ	NA		2.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2017												2016					
		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A - Duplicate			
		Dec-17		Sep-17		Jun-17		Jun-17		Mar-17		Mar-17		Dec-16		Dec-16			
		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs			
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)			
Analyte																			
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.23	J	0.15	J	2.0	U	2.0	U		
1,1,2,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	UJ		
1,1,2-Trichloroethane	1	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.56	J	0.67	J	2.0	U	2.0	U		
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	UJ	2.5	UJ	0.10	U	0.10	U	2.0	U	2.0	U		
1,2-Dichloroethane	0.6	2.5	U	2.5	U	2.5	U	2.5	U	0.10	UJ	0.10	UJ	2.0	U	2.0	U		
1,2-Dichloropropane	1	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	U		
2-Butanone (MEK)	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	UJ		
2-Hexanone	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
4-Methyl-2-Pentanone (MIBK)	NC	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	U		
Acetone	50	2.5	U	2.5	U	2.5	UJ	2.5	UJ	0.10	UJ	0.10	UJ	2.0	U	2.0	UJ		
Benzene	1	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Bromodichloromethane	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Bromoform	50	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Carbon disulfide	60	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Carbon tetrachloride	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.37	J	0.34	J	2.0	U	2.0	U		
Chlorobromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Chloroform	7	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Chloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	UJ		
cis-1,2-Dichloroethene	5	23	J	39	J	50	J	45	J	21		21		8.9	J	7.2	J		
cis-1,3-Dichloropropene	0.4	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Tetrachloroethene	5	2,300		2,900		3,600		3,600		1,700	D	1,800	D	1,600		1,400			
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.27	J	0.28	J	2.0	U	2.0	U		
trans-1,3-Dichloropropene	0.4	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
Trichloroethene	5	57	J	89	J	100	J	100	J	86		83	J	36	J	32	J		
Vinyl chloride	2	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U		
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA			
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA			
Total Xylenes	5	2.5	U	2.5	U	2.5	UJ	2.5	UJ	0.10	U	0.10	U	2.0	U	2.0	U		

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2016								2015				2014		2013	
		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A	
		Sep-16		Jun-16		Jun-16		Apr-16		Sep-15		Sep-15		Oct-14		Oct-13	
		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U
1,1,2,2-Tetrachloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U
1,1,2-Trichloroethane	1	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U
1,1-Dichloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
1,1-Dichloroethene	5	2.0	U	2.0	U	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U
1,2-Dichloroethane	0.6	2.0	U	2.0	U	2.0	U	2.0	U	17	U	17	U	83	U	0.83	U
1,2-Dichloropropane	1	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
2-Butanone (MEK)	50	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U
2-Hexanone	50	2.0	U	2.0	U	2.0	U	2.0	U	36	U	36	U	180	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
Acetone	50	2.0	UJ	2.0	UJ	2.0	UJ	2.0	U	38	U	38	U	190	U	3.6	U
Benzene	1	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
Bromodichloromethane	50	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U
Bromoform	50	2.0	U	2.0	U	2.0	U	2.0	U	100	U	100	U	500	UJ	5.0	U
Bromomethane	5	2.0	UJ	2.0	U	2.0	U	2.0	U	86	U	86	U	430	U	4.3	U
Carbon disulfide	60	2.0	U	2.0	U	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	40	U	40	U	200	U	2.0	U
Chlorobenzene	5	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
Chlorobromomethane	5	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
Chloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U
Chloroform	7	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U
Chloromethane	5	2.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U
cis-1,2-Dichloroethene	5	13	J	18	J	17	J	7.5	J	36	U	36	U	180	U	61	
cis-1,3-Dichloropropene	0.4	2.0	U	2.0	U	2.0	U	2.0	U	28	U	28	U	140	U	1.4	U
Ethylbenzene	5	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
Methylene chloride	5	2.0	U	2.0	U	2.0	U	2.0	U	26	U	26	U	130	U	1.3	U
Styrene	5	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
Tetrachloroethene	5	2,000		2,100		2,100		2,000		2,700		3,300		10,000		12,000	D
Toluene	5	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
trans-1,2-Dichloroethene	5	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U
trans-1,3-Dichloropropene	0.4	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
Trichloroethene	5	50	J	62	J	57	J	44	J	80	J	100	J	340	J	340	J
Vinyl chloride	2	2.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	2.0	U	2.0	U	2.0	U	2.0	U	16	U	16	U	0.82	U	33	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2013		2012				2010		2009		2008				2007	
		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A	
		Oct-13		Nov-12		Nov-12		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07	
		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	84	U	2.1	U	8.4	U	4.0	U	50	U	5.0	U	5.0	U	12	
1,1,2,2-Tetrachloroethane	5	60	U	1.5	U	6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
1,1,2-Trichloroethane	1	76	U	1.9	U	7.6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
1,1-Dichloroethane	5	68	U	1.7	U	6.8	U	4.0	U	1.8	J	5.0	U	5.0	U	1.2	J
1,1-Dichloroethene	5	100	U	2.5	U	10	U	6.9	J	3.2	J	5.0	U	5.0	U	7.0	J
1,2-Dichloroethane	0.6	33	U	0.83	U	3.3	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
1,2-Dichloropropane	1	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
2-Butanone (MEK)	50	60	U	1.5	UJ	6	UJ	4.0	U*	50	U	5.0	U	5.0	U	0.10	U
2-Hexanone	50	72	U	1.8	UJ	7.2	UJ	4.0	U*	50	U	5.0	U	5.0	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Acetone	50	76	U	1.9	UJ	7.6	UJ	7.6	JB*	280	JB	5.0	U*	5.0	U*	0.10	U
Benzene	1	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Bromodichloromethane	50	60	U	1.5	U	6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Bromoform	50	200	U	5.0	UJ	20	UJ	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Bromomethane	5	170	U	4.3	U	17	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Carbon disulfide	60	84	U	2.1	U	8.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Carbon tetrachloride	5	80	U	2.0	U	8.0	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Chlorobenzene	5	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	8.3	J
Chlorobromomethane	5	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Chloroethane	5	100	U	2.5	U	10	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Chloroform	7	76	U	1.9	U	7.6	U	4.0	U	50	U	66	J	67	J	0.10	U
Chloromethane	5	92	U	2.3	U	9.2	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
cis-1,2-Dichloroethene	5	72	R	190		190		330	J	440	J	570		590		700	J
cis-1,3-Dichloropropene	0.4	56	U	1.4	U	5.6	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Ethylbenzene	5	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.30	J
Methylene chloride	5	52	U	1.3	U	5.2	U	41	JB	1,000	JB	64	JB	56	JB	0.10	U
Styrene	5	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Tetrachloroethene	5	11,000	D	37,000	D	34,000	D	48,000		59,000		58,000		61,000		75,000	
Toluene	5	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	2.9	J
trans-1,2-Dichloroethene	5	76	U	1.9	U	7.6	U	4.4	J	50	U	5.0	U	5.0	U	5.9	J
trans-1,3-Dichloropropene	0.4	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	5.0	U	0.10	U
Trichloroethene	5	340	J	1,400	J	1,400	J	1,500		1,800	J	2,200		2,100		2,300	J
Vinyl chloride	2	92	U	2.3	U	9.2	U	4.0	U	50	U	5.0	U	5.0	U	0.94	J
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	3.3	U	4.0	U	50	U	5.0	U	5.0	U	1.6	J	2,000	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2006		2018										2017			
		FSMW-14A		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B	
		Aug-06		Dec-18		Sep-18		Jun-18		Mar-18		Mar-18		Dec-17		Sep-17	
		119-129 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2,000	U	1.2	U	1.2	UJ	1.2	U	2.0	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	2,000	U	1.8	U	1.8	UJ	1.8	U	2.0	U	2.5	U	2.5	U	2.5	U
1,1,2-Trichloroethane	1	2,000	U	2.2	U	2.2	UJ	2.2	U	2.0	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethane	5	2,000	U	1.3	U	1.3	UJ	1.3	U	2.0	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	2,000	U	0.59	U	0.59	UJ	0.59	U	2.0	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	2,000	U	2.2	U	2.2	UJ	2.2	U	2.0	U	2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	1	2,000	U	1.8	U	1.8	UJ	1.8	U	2.0	U	2.5	U	2.5	U	2.5	U
2-Butanone (MEK)	50	2,000	U	9.3	U	9.3	UJ	9.3	U	2.0	U	2.5	U	2.5	U	2.5	U
2-Hexanone	50	2,000	U	15	U	15	UJ	15	U	2.0	U	2.5	U	2.5	U	2.5	U
4-Methyl-2-Pentanone (MIBK)	NC	2,000	U	14	U	14	UJ	14	U	2.0	U	2.5	U	2.5	U	2.5	U
Acetone	50	2,000	U	29	B	25	UJ	25	U	2.0	U	2.5	U	2.5	U	2.5	U
Benzene	1	2,000	U	2.1	U	2.1	UJ	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	2,000	U	1.7	U	1.7	UJ	1.7	U	2.0	U	2.5	U	2.5	U	2.5	U
Bromoform	50	2,000	U	2.7	U	2.7	UJ	2.7	U	2.0	U	2.5	U	2.5	U	2.5	U
Bromomethane	5	2,000	UJ	5	U	5	UJ	5	U	2.0	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	2,000	U	0.78	U	0.78	UJ	0.78	U	2.0	U	2.5	U	2.5	U	2.5	U
Carbon tetrachloride	5	2,000	U	1	U	1	UJ	1	U	2.0	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	5	2,000	U	1.9	U	1.9	UJ	1.9	U	2.0	U	2.5	U	2.5	U	2.5	U
Chlorobromomethane	5	2,000	U	2.1	U	2.1	UJ	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2,000	UJ	1.6	U	1.6	UJ	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2,000	U	1.6	U	1.6	UJ	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U
Chloromethane	5	2,000	U	0.72	UJ	0.72	UJ	0.72	U	2.0	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	460	J	7.8		6.5	J-	2.1	J	2.0	U	2.5	U	4	J	4.0	J
cis-1,3-Dichloropropene	0.4	2,000	U	2.3	U	2.3	UJ	2.3	U	2.0	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	2,000	U	1.5	U	1.5	UJ	1.5	U	2.0	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	2,000	U	1.6	U	1.6	UJ	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U
Styrene	5	2,000	U	2.1	U	2.1	UJ	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	32,000		1,300		1,100	J-	1,600		2,100		2,400		2,300		2,000	
Toluene	5	2,000	U	1.9	U	1.9	UJ	1.9	U	2.0	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2,000	U	1.2	U	1.2	UJ	1.2	U	2.0	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	2,000	U	2.4	U	2.4	UJ	2.4	U	2.0	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	1,200	J	36		33	J-	33		53	J	53	J	44	J	36	J
Vinyl chloride	2	2,000	U	0.86	U	0.86	UJ	0.86	U	2.0	U	2.5	U	2.5	U	2.5	U
m+p Xylene	5	NA		NA		NA		1.5	U	NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		1.8	U	NA		NA		NA		NA	
Total Xylenes	5	16	U	3.3	U	3.3	UJ	NA		2.0	U	2.5	U	2.5	U	2.5	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2017						2016									
		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate	
		Sep-17		Jun-17		Mar-17		Dec-16		Sep-16		Jun-16		Apr-16		Apr-16	
		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	2.5	U	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U
1,1,2,2-Tetrachloroethane	5	2.5	U	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U
1,1,2-Trichloroethane	1	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethene	5	2.5	U	2.5	UJ	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
1,2-Dichloroethane	0.6	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
1,2-Dichloropropane	1	2.5	U	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U
2-Butanone (MEK)	50	2.5	U	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U
2-Hexanone	50	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
4-Methyl-2-Pentanone (MIBK)	NC	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Acetone	50	2.5	U	2.5	UJ	1.0	UJ	1.0	UJ	1.0	UJ	2.0	UJ	2.0	U	2.0	U
Benzene	1	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Bromodichloromethane	50	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Bromoform	50	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Bromomethane	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	UJ	2.0	U	2.0	U	2.0	U
Carbon disulfide	60	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Carbon tetrachloride	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Chlorobromomethane	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Chloroethane	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Chloroform	7	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Chloromethane	5	2.5	U	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	5	4.2	U	2.5	UJ	2.5	J	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
cis-1,3-Dichloropropene	0.4	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Methylene chloride	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Styrene	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5	1,900		1,600		1,500		1,500		1,600		2,000		1,600		1,800	
Toluene	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
trans-1,3-Dichloropropene	0.4	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5	37	J	29	J	28	J	24	J	25	J	23	J	20	J	26	J
Vinyl chloride	2	2.5	U	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	2.5	U	2.5	UJ	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2015		2014		2014		2013		2012		2010				2009	
		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B	
		Sep-15		Oct-14		Oct-14		Oct-13		Nov-12		Sep-10		Sep-10		Sep-09	
		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	42	U	42	U	42	U	42	U	6.3	J	24	J	24	J	36	J
1,1,2,2-Tetrachloroethane	5	30	U	30	U	30	U	30	U	1.5	U	0.40	U	0.40	U	5	U
1,1,2-Trichloroethane	1	38	U	38	U	38	U	38	U	1.9	U	0.40	U	0.40	U	5	U
1,1-Dichloroethane	5	34	U	34	U	34	U	34	U	1.7	U	2.0	J	2.0	J	5	U
1,1-Dichloroethene	5	50	U	50	U	50	U	50	U	2.5	U	3.9	J	5.1	J	19	J
1,2-Dichloroethane	0.6	17	U	17	U	17	U	17	U	0.83	U	0.40	U	0.40	U	5	U
1,2-Dichloropropane	1	34	U	34	U	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U
2-Butanone (MEK)	50	30	U	30	U	30	U	30	U	1.5	U	0.40	U*	0.40	U*	5	U
2-Hexanone	50	36	U	36	U	36	U	36	U	1.8	U	0.40	U*	0.40	U*	5	U
4-Methyl-2-Pentanone (MIBK)	NC	34	U	34	U	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U
Acetone	50	38	U	38	U	38	U	38	U	1.9	U	1.2	JB*	1.2	JB*	23	JB
Benzene	1	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U
Bromodichloromethane	50	30	U	30	U	30	U	30	U	1.5	U	0.40	U	0.40	U	5	U
Bromoform	50	100	U	100	UJ	100	UJ	100	U	5.0	UJ	0.40	U	0.40	U	5	U
Bromomethane	5	86	U	86	U	86	U	86	U	4.3	U	0.40	U	0.40	U	5	U
Carbon disulfide	60	42	U	42	U	42	U	42	U	2.1	U	0.40	U	0.40	U	5	U
Carbon tetrachloride	5	40	U	40	U	40	U	40	U	2	U	0.40	U	0.40	U	5	U
Chlorobenzene	5	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U
Chlorobromomethane	5	34	U	34	U	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U
Chloroethane	5	50	U	50	U	50	U	50	U	2.5	U	0.40	U	0.40	U	5	U
Chloroform	7	38	U	38	U	38	U	38	U	1.9	U	0.40	U	0.40	U	5	U
Chloromethane	5	46	U	46	U	46	U	46	U	2.3	U	0.40	U	0.40	U	5	U
cis-1,2-Dichloroethene	5	36	U	36	U	36	U	36	U	11		11	J	11	J	12	J
cis-1,3-Dichloropropene	0.4	28	U	28	U	28	U	28	U	1.4	U	0.40	U	0.40	U	5	U
Ethylbenzene	5	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U
Methylene chloride	5	26	U	26	U	26	U	26	U	1.3	U	4.7	JB	3.6	JB	96	JB
Styrene	5	34	U	34	U	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U
Tetrachloroethene	5	2,600		3,300		3,300		2,600		5,500	D	4,500		4,600		5,200	
Toluene	5	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U
trans-1,2-Dichloroethene	5	38	U	38	U	38	U	38	U	1.9	U	0.66	J	0.40	U	5	U
trans-1,3-Dichloropropene	0.4	32	U	32	U	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U
Trichloroethene	5	38	U	38	U	38	U	38	U	93		17	J	17	J	19	J
Vinyl chloride	2	46	U	46	U	46	U	46	U	2.3	U	0.40	U	0.40	U	5	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	16	U	16	U	16	U	0.82	U	0.40	U	0.40	U	5	U	1.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2008		2007		2006		2018		2016		2015		2014		2013	
		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C	
		Sep-08		Aug-07		Aug-06		Mar-18		Dec-16		Sep-15		Oct-14		Oct-13	
		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	48	J	75		400	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	1.0	U	0.10	U	400	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	1.0	U	11		400	U	0.97	J	0.10	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	13	J	36		400	U	4.1	J	1.0	J	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	1.0	U	0.10	U	400	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	1.0	U	0.10	U	400	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U
2-Hexanone	50	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Acetone	50	1.0	U	0.10	U	400	U	0.10	U	0.10	UJ	1.9	U	1.9	U	1.9	U
Benzene	1	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U
Bromoform	50	1.0	U	0.10	U	400	U	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U
Bromomethane	5	1.0	U	0.10	U	400	UJ	0.10	U	0.10	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	1.0	U	0.10	U	400	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	1.0	U	0.10	U	400	U	5.2	J	3.2	J	9.0	J	8.1	J	7.6	J
Chlorobenzene	5	1.0	U	0.84	J	400	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	1.0	U	0.10	U	400	UJ	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U
Chloroform	7	1.0	U	0.10	U	400	U	3.3	J	1.6	J	3.6	J	2.5	J	1.9	U
Chloromethane	5	1.0	U	0.10	U	400	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	22		28		400	U	21		6.4	J	33		20		18	
cis-1,3-Dichloropropene	0.4	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	13	JB	0.10	U	400	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U
Styrene	5	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	13,000		13,000		3,600		25		8.5	J	34		25		20	
Toluene	5	1.0	U	0.10	U	400	U	0.10	U	0.35	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	1.0	U	0.10	U	400	U	0.64	J	0.10	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	1.0	U	0.10	U	400	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	140		91		400	U	130		44		190		140		120	
Vinyl chloride	2	1.0	U	0.10	U	400	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	400	U	0.82	U	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC CLASS GA GW Standard (a) µg/L	2012		2010		2009				2008		2007		2006	
		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C - Duplicate		FSMW-14C		FSMW-14C		FSMW-14C	
		Nov-12		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06	
		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs	
		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte															
1,1,1-Trichloroethane	5	2.1	U	0.91	J	0.86	J	0.85	J	1.3	J	1.9	J	3	J
1,1,2,2-Tetrachloroethane	5	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1,2-Trichloroethane	1	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1-Dichloroethane	5	1.7	U	2.0	J	1.8	J	1.8	J	2.4	J	3.1	J	5	J
1,1-Dichloroethene	5	2.5	J	3.8	J	3.2	J	3.2	J	4.0	J	5.5	J	8	J
1,2-Dichloroethane	0.6	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,2-Dichloropropane	1	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	1.5	U	0.10	U*	0.10	U	0.10	U	0.10	UJ	0.10	U	10	U
2-Hexanone	50	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	1.9	U	1.2	JB*	0.10	U	0.10	U	0.10	UJ	0.10	UJ	10	U
Benzene	1	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromodichloromethane	50	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	60	2.1	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	12		18		16		16	J	26		33		45	
Chlorobenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobromomethane	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	5	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1.9	U	1.4	J	1.1	J	1	J	1.1	J	1.3	J	1	J
Chloromethane	5	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1,2-Dichloroethene	5	16		9.9	J	5.6	J	5.5	J	7.1	J	6.2	J	6	J
cis-1,3-Dichloropropene	0.4	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	1.3	U	0.30	JB	0.4	JB	0.39	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	29		25	B	21		23		28		37		36	
Toluene	5	1.6	U	0.10	U	0.11	J	0.10	U	0.10	U	0.10	U	10	U
trans-1,2-Dichloroethene	5	1.9	U	0.15	J	0.13	J	0.14	J	0.10	U	0.10	U	10	U
trans-1,3-Dichloropropene	0.4	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	130		130		90		90		140		160		140	
Vinyl chloride	2	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U

Notes:

(a) New York State Ambient Water Quality Standards and Guidance Values, June 2004

µg/L micrograms per liter

bgs below ground surface

R Rejected

Bold Detected Value

B Analyte also detected in associated laboratory blank; result possible laboratory contamination.

Bold and highlight Detected value exceeds criteria

U Undetected

Qualifiers used for results prior to Q2 2018:

J Estimated

D Indicates results are based on a dilution.

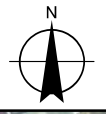
J- Estimated and biased low

E Estimated result, indicates analyte exceeded instrument calibration range.

J+ Estimated and biased high

UJ Undetected and estimated; estimated "J" qualifier added during validation

Figures



NOTES:
GPM - GALLONS PER MINUTE
BGS - BELOW GROUND SURFACE
COORDINATE SYSTEM: NAD 1983
STATE PLANE NEW YORK LONG ISLAND FEET

FIGURE 1
MONITORING AND EXTRACTION WELLS
FROST STREET SITES
WESTBURY, NEW YORK

LEGEND

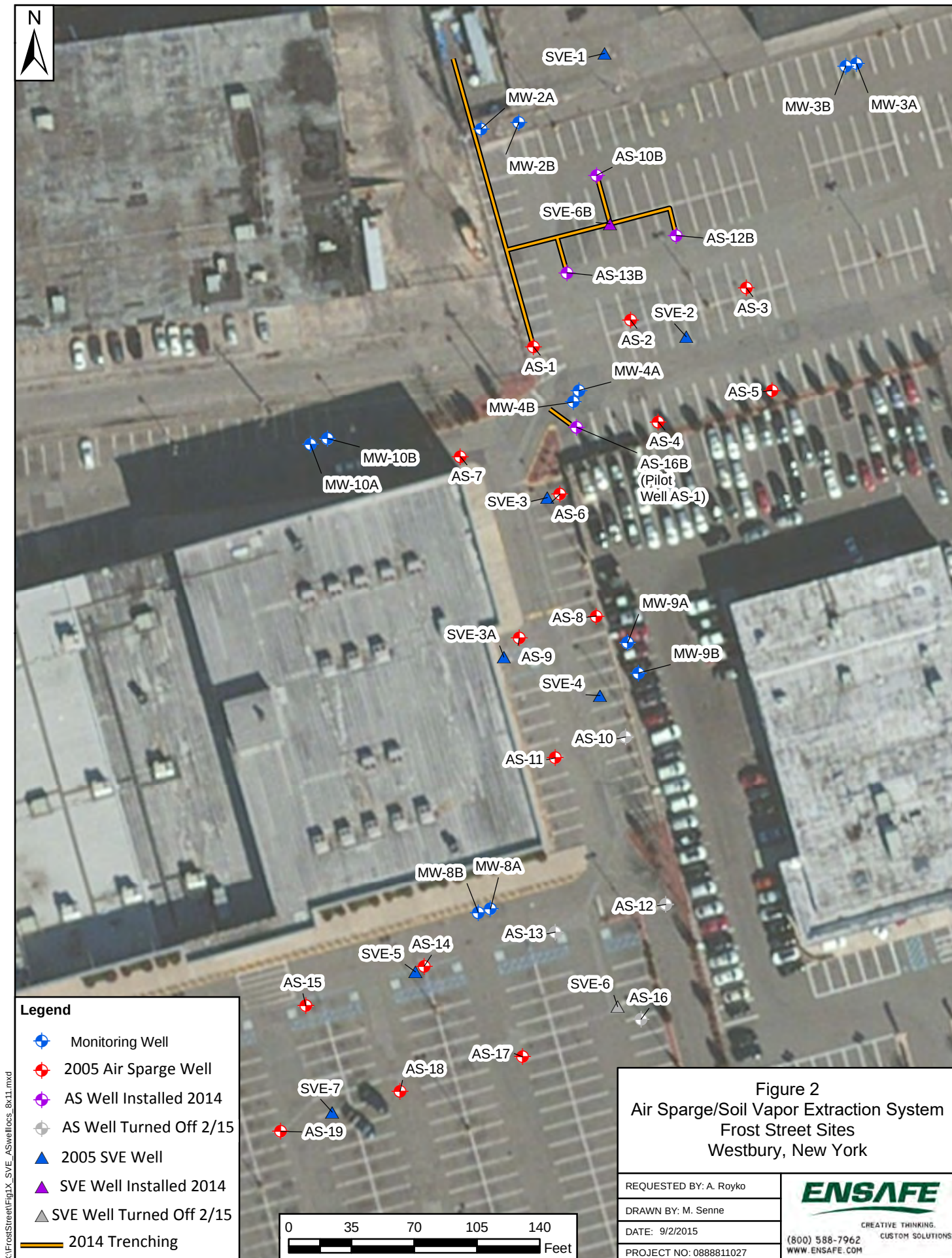
- ◆ ACTIVE MONITORING WELL - ANNUALLY (5TH QUARTER)
- ◆ ACTIVE MONITORING WELL - QUARTERLY
- ◆ EXTRACTION WELLS
- ◆ IDLE MONITORING WELL

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET
0 100 200
SCALE IN FEET

REQUESTED BY: AS
DRAWN BY: MS
DATE: 8/29/2018
PROJECT: 0888820265

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NOTE:
NM - NOT MEASURED
BGS - BELOW GROUND SURFACE
GPM - GALLONS PER MINUTE

EXTRACTION WELL PUMPING RATES
EX-1A - OFF
EX-1B - 28 GPM
EX-1C - 45 GPM
EX-1D - 45 GPM

FIGURE 3
POTENTIOMETRIC SURFACE MAP
GROUP A WELLS (58-74 FEET BGS)
FOURTH QUARTER 2018
FROST STREET SITES
WESTBURY, NEW YORK

LEGEND

GROUP A MONITORING WELLS	EXTRACTION WELL
GROUP B/C/D MONITORING WELLS	GROUP A POTENTIOMETRIC CONTOUR (DASHED WHERE INFERRED)

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200
SCALE IN FEET

REQUESTED BY: GH
DRAWN BY: MS
DATE: 3/7/2019
PROJECT: 0888820265

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X:\FrostStreet\Figure1_PotMap_GroupA_Q418.mxd



LEGEND

- GROUP B MONITORING WELLS
- GROUP A/C/D MONITORING WELLS
- EXTRACTION WELL
- POTENTIOMETRIC SURFACE CONTOUR (DASHED WHERE INFERRED)
- POTENTIOMETRIC SURFACE, DEPRESSION CONTOUR (DASHED WHERE INFERRED)

NOTES:

NM - NOT MEASURED
BGS - BELOW GROUND SURFACE
GPM - GALLONS PER MINUTE

EXTRACTION WELL PUMPING RATES

EX-1A - OFF
EX-1B - 28 GPM
EX-1C - 45 GPM
EX-1D - 45 GPM

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200

SCALE IN FEET

FIGURE 4
POTENTIOMETRIC SURFACE MAP
GROUP B WELLS (114-149 FEET BGS)
FOURTH QUARTER 2018
FROST STREET SITES
WESTBURY, NEW YORK

REQUESTED BY: GH

DRAWN BY: MS

DATE: 3/7/2019

PROJECT: 0888820265

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Source: Google Earth Pro Imagery - 10/01/2017

X:\FrostStreet\Figure1_PotMap_GroupB_Q418.mxd



NOTE:
BGS - BELOW GROUND SURFACE
GPM - GALLONS PER MINUTE

EXTRACTION WELL PUMPING RATES

EX-1A - OFF
EX-1B - 28 GPM
EX-1C - 45 GPM
EX-1D - 45 GPM

LEGEND

- GROUP C MONITORING WELLS
- EXTRACTION WELL
- GROUP A/B/D MONITORING WELLS
- INFERRED POTENTIOMETRIC SURFACE DEPRESSION CONTOUR

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200
SCALE IN FEET

FIGURE 5
POTENTIOMETRIC SURFACE MAP
GROUP C WELLS (150-200 FEET BGS)
FOURTH QUARTER 2018
FROST STREET SITES
WESTBURY, NEW YORK

REQUESTED BY: GH
DRAWN BY: MS
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PROJECT: 0888820265

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NOTE:
BGS - BELOW GROUND SURFACE
GPM - GALLONS PER MINUTE

EXTRACTION WELL PUMPING RATES

EX-1A - OFF
EX-1B - 28 GPM
EX-1C - 45 GPM
EX-1D - 45 GPM

LEGEND

- GROUP D MONITORING WELLS
- EXTRACTION WELL
- GROUP A/B/C MONITORING WELLS
- INFERRED POTENTIOMETRIC SURFACE DEPRESSION CONTOUR

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200
SCALE IN FEET

FIGURE 6
POTENTIOMETRIC SURFACE MAP
GROUP D WELLS (200-249 FEET BGS)
FOURTH QUARTER 2018
FROST STREET SITES
WESTBURY, NEW YORK

REQUESTED BY: GH
DRAWN BY: MS
DATE: 3/7/2019
PROJECT: 0888820265

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Appendix

DATA USABILITY SUMMARY REPORT FOURTH QUARTER 2018 SAMPLING EVENT

FROST STREET SITES
WESTBURY, NEW YORK

NYSDEC SITE NO. 1-30043-I, -L, -M

1233 Silas Deane Highway
Wethersfield, Connecticut 06109
860-665-1140 | 800-588-7962
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1.0 INTRODUCTION

This data usability summary report presents the results for groundwater samples collected during the fourth quarter groundwater sampling activities at the Frost Street Sites in Westbury, New York. Samples collected and analyzed for volatile organic compounds (VOCs) were done so in accordance with the Quality Assurance Project Plan (QAPP) included in the *Final Engineering Report and Operation, Maintenance and Monitoring Plan for Soil Vapor Extraction/Air Sparging Remedial System and Soil Remediation Measures* (Walden, June 2006).

Data were evaluated independently from the laboratory to assess data quality. Samples discussed in this report were collected between December 11 and 12, 2018. TestAmerica Laboratories Inc. in Edison, New Jersey (New York State Department of Health, Environmental Laboratory Approval Program certificate #11452) analyzed the samples. Tina Clemmey, EnSafe Inc. chemist, reviewed the data package discussed in this report.

The quality assurance criteria used to assess all data were established by the analytical methods, consistent with the measurement performance criteria provided in the QAPP. Data validation activities were conducted using the QAPP measurement performance criteria and the following guidance documents:

- *National Functional Guidelines for Organic Superfund Methods Data Review.* (United States Environmental Protection [U.S. EPA], January 2017).
- *Hazardous Waste Support Section, SOP NO. HW-24 Revision 4, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS), SW-846 Method 8260B and 8260C.* (U.S. EPA Region 2, September 2014).

Samples were analyzed for the following for VOCs by gas chromatography/mass spectrometry via SW-846 Method 8260C.

Data packages were submitted in accordance with the New York State Department of Environmental Conservation (NYSDEC) Category B Deliverables requirements. U.S. EPA Stage 4 electronic and manual data validation, consisting of sample results, quality control (QC) summary information, and raw data was performed. A minimum of 10% of the raw data were reviewed during the validation process and no anomalies were observed.

When the QC parameters did not fall within the specific method or data review guidelines, the data reviewer annotated or “flagged” the corresponding compounds. Table A-1 in Attachment A provides analytical parameters for each sample and cross-references between laboratory and field sample identifications.

2.0 REVIEW ELEMENTS

Analytical data were reviewed for the following QC elements:

* Data completeness	* Organic surrogates
* Sample preservation and holding times	Laboratory control samples (LCS)
* Instrument tuning	* Matrix spike/matrix spike duplicate (MS/MSD)
* Initial calibration	Laboratory blank contamination
Initial calibration verification	* Field blank contamination (equipment, field, trip)
Continuing calibration verification	* Field duplicate precision
* Internal standards	

Acceptable data parameters for which all criteria were met or no qualification was performed, as indicated above with an asterisk (*), are not discussed further.

The following flags were used by the laboratory to annotate results:

Laboratory Qualifiers

B	=	The analyte was detected in the laboratory method blank.
J	=	Estimated - Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.
U	=	Undetected - The analyte was undetected above the MDL.

When the QC parameters did not fall within the specific method or data review guidelines, the data reviewer annotated or “flagged” the corresponding compounds. Flags that may be used during data review are as follows:

Data Review Qualifiers

U	=	Undetected	— The analyte was undetected above the MDL or was qualified as undetected during blank examination; the associated value presented is the MDL.
UJ	=	Undetected and Estimated	— The parameter was analyzed but undetected and was estimated because at least one QC parameter was outside control limits.
J	=	Estimated Value	— One or more QC parameters were outside control limits or the concentration of the analyte was above the MDL but less than the RL.
J+	=	Estimated and Biased High	— Bias in sample result is likely to be high due to quality control outlier.
J-	=	Estimated and Biased Low	— Bias in sample result is likely to be low due to quality control outlier.
R	=	Rejected	— The data are unusable. The same results are rejected due to serious deficiencies in meeting quality control criteria.
N	=	Presumptive Evidence	— The analysis indicates the presence of an analyte that has been “tentatively identified.”
NJ	=	Presumptive Evidence, Estimated	— The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate quantity.

3.0 DATA EVALUATION

3.1 Initial Calibration Verification

The accuracy of the initial calibration is verified using a second source standard. If the percent difference (%D) is close to the known concentrations, the reported analyte concentrations are assumed to be accurate. As shown on Table 3-1, analytes that had initial calibration verification outliers were qualified as estimated in associated samples during data review.

Table 3-1 Initial Calibration Verification Outliers							
Calibration	Analyte	Instrument	Column	% D	Limit	Qualified Samples	Flags
460-577330/14	Chloromethane	CVOAMS13	Rtx-624	40.5	30	EB01 12112018, FB02 12122018, FSMW-8A 12122018, DUP01 12112018, FSMW-2A 12112018, FSMW-14A 12122018	UJ
460-577330/14	Bromomethane	CVOAMS13	Rtx-624	41.4	30	EB01 12112018, FB02 12122018, FSMW-8A 12122018, DUP01 12112018, FSMW-2A 12112018, FSMW-14A 12122018	UJ

Notes:

%D = Percent difference
UJ = Undetected result was qualified as estimated due to calibration outlier.

3.2 Continuing Calibration Verification

Continuing calibration verification (CCV) standards are used to verify that the instrument response is reliable and has not changed significantly from the initial calibration curve. If the %D is close to the known concentrations, the reported analyte concentrations are assumed to be accurate. CCV %D outliers and qualified results are summarized in Table 3-2.



Table 3-2 Continuing Calibration Verification Outliers							
Calibration	Analyte	Instrument	Column	% D	Limit	Qualified Samples	Flags
460-576929/3	Chloromethane	CVOAMS13	Rtx-624	-45	20	FB01 12112018, EB02 12122018, TB01 12112018, FSMW-2B 12112018, FSMW-4A 12112018, FSMW-4B 12112018, FSMW-1A 12122018, FSMW-13A 12122018, FSMW-14B 12122018	UJ

Notes:

%D = Percent difference

UJ = Undetected result was qualified as estimated due to calibration outlier.

3.4 Laboratory Control Sample

The LCS percent recovery (%R) results are used to monitor the overall performance of each step during analysis, including sample preparation. Undetected results with high bias did not require sample qualification. LCS %R outliers and qualified results are summarized in Table 3-3.

Table 3-3 Laboratory Control Sample Outliers						
LCS	Analytes	%R	Limit	Qualified Samples		Flags
LCS 460-576929/5	Chloromethane	52	56-131	EB02 12122018, FB01 12112018, FSMW-13A 12122018, FSMW-14B 12122018, FSMW-1A 12122018, FSMW-2B 12112018, FSMW-4A 12112018, FSMW-4B 12112018, TB-01 12112018		UJ

Notes:

LCS = Laboratory control sample

%R = Percent recovery

UJ = Undetected result was qualified as estimated due to potential low bias.

3.5 Laboratory Blank Contamination

Acetone was detected in samples FSMW-14A 12122018 (52 µg/L) and FSMW-14B 12122018 (29 µg/L). The samples were analyzed using a 10X and 5X dilution, respectively due to high concentrations of target analytes in the samples. The laboratory was asked to review the raw data because acetone has not been reported in these wells historically. The laboratory found acetone to be present in both samples at similar on-column concentrations (5.21 and 5.87 µg/L, respectively) slightly above the method detection limit of 4.98 µg/L. Therefore, it is possible that the acetone detected in these two samples was introduced by the dilution water. The validator used professional judgment to retain the laboratory qualifier “B” on the final data to indicate the presence of the analyte in the associated laboratory blanks.

4.0 Elevated Reporting Limits

As shown in Table 4-1, the following samples were diluted to bring the concentration of VOC target analytes within the calibration range. Per the QAPP, the undetected results were reported to the



method detection limit (MDL). The MDLs were elevated and adjusted accordingly to account for sample dilution.

Table 4-1 Result Flagging Codes		
Sample ID	Laboratory ID	Dilution Factor
FSMW-14A 12122018	460-171555-14	10X
FSMW-14B 12122018	460-171555-15	5X

5.0 OVERALL ASSESSMENT

Data from the groundwater sampling activities at the Frost Street Sites, Westbury, New York, were reviewed independently from the laboratory to assess data quality. When the parameters did not fall within the specific method or data review guidelines, the data evaluator annotated or “flagged” the corresponding compounds. A total of 495 data points were evaluated and reported as final results. No results were rejected during the data review process; therefore, analytical completeness was calculated to be 100%. Some results were qualified as estimated (J-flag) and may be biased high or low; however, these results are usable to evaluate site conditions and performance of on-site remedial systems at the site according to U.S. EPA guidelines

Table 5-1 shows final data review qualifiers used to describe results and how they should be interpreted by the end data user. Table B-1 in Attachment B presents final results after data review and Attachment C contains the laboratory data deliverables packages for samples discussed in this report.

Table 5-1 Result Flagging Codes				
Data Qualifier	Qualifier Definition	Interpret Result As a Detection?	Result Usable?	Potential Result Bias
no qualifier	Acceptable	Yes	Yes	None expected
J	Estimated	Yes	Yes	High or Low
J+	Estimated	Yes	Yes	High
J-	Estimated	Yes	Yes	Low
U	Undetected	No	Yes	None expected
UJ	Undetected and Estimated	No	Yes	High or Low
UR	Undetected and Rejected	No	No	Low and Unusable
B	Analyte detected in blank	Yes	Yes	Result possible laboratory contamination; data should be evaluated with historical site data

Attachment A
Sample and Analysis Summary

Table A-1
Sample and Analysis Summary

Sample Delivery Group	Sample Identification	Laboratory Identification	Sample Date	Sample Type	SW8260C
4601715551	FSMW-2A 12112018	460-171555-1	12/11/2018	Groundwater	X
4601715551	FSMW-2B 12112018	460-171555-2	12/11/2018	Groundwater	X
4601715551	FSMW-4A 12112018	460-171555-3	12/11/2018	Groundwater	X
4601715551	EB01 12112018	460-171555-4	12/11/2018	Equipment Blank	X
4601715551	FB01 12112018	460-171555-5	12/11/2018	Field Blank	X
4601715551	DUP01 12112018	460-171555-6	12/11/2018	Duplicate of FSMW-4A 12112018	X
4601715551	FSMW-4B 12112018	460-171555-7	12/11/2018	Groundwater	X
4601715551	FSMW-1A 12122018	460-171555-8	12/12/2018	Groundwater	X
4601715551	EB02 12122018	460-171555-9	12/12/2018	Equipment Blank	X
4601715551	FSMW-8A 12122018	460-171555-10	12/12/2018	Groundwater	X
4601715551	TB01 12112018	460-171555-11	12/11/2018	Trip Blank	X
4601715551	FB02 12122018	460-171555-12	12/12/2018	Field Blank	X
4601715551	FSMW-13A 12122018	460-171555-13	12/12/2018	Groundwater	X
4601715551	FSMW-14A 12122018	460-171555-14	12/12/2018	Groundwater	X
4601715551	FSMW-14B 12122018	460-171555-15	12/12/2018	Groundwater	X

Notes:

SW8260C = Volatile organic compounds via SW846 Method 8260C

Attachment B
Final Results after Data Review

Table B-1
Groundwater Sample Final Results after Data Review

Sample Delivery Group Lab ID Sample ID Sample Date Sample Type				4601715551 460-171555-1 FSMW-2A 12112018 12/11/2018 Groundwater			4601715551 460-171555-2 FSMW-2B 12112018 12/11/2018 Groundwater			4601715551 460-171555-3 FSMW-4A 12112018 12/11/2018 Groundwater			4601715551 460-171555-6 DUP01 12112018 12/11/2018 Duplicate		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	1,1,1-Trichloroethane	71-55-6	µg/L	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L	0.37	U		0.37	U		0.37	U		0.37	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/L	0.26	U		0.26	U		0.26	U		0.26	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/L	0.12	U		0.12	U		0.12	U		0.12	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/L	0.35	U		0.35	U		0.35	U		0.35	U	
SW8260C	2-Butanone (MEK)	78-93-3	µg/L	1.9	U		1.9	U		1.9	U		1.9	U	
SW8260C	2-Hexanone	591-78-6	µg/L	2.9	U		2.9	U		2.9	U		2.9	U	
SW8260C	4-Methyl-2-Pentanone (MIBK)	108-10-1	µg/L	2.7	U		2.7	U		2.7	U		2.7	U	
SW8260C	Acetone	67-64-1	µg/L	5	U		5	U		5	U		5	U	
SW8260C	Benzene	71-43-2	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	Bromoform	75-25-2	µg/L	0.54	U		0.54	U		0.54	U		0.54	U	
SW8260C	Bromodichloromethane	75-27-4	µg/L	0.34	U		0.34	U		0.34	U		0.34	U	
SW8260C	Bromomethane	74-83-9	µg/L	1	UJ	c	1	U		1	U		1	UJ	c
SW8260C	Carbon disulfide	75-15-0	µg/L	0.16	U		0.16	U		0.16	U		0.16	U	
SW8260C	Carbon tetrachloride	56-23-5	µg/L	0.21	U		0.21	U		0.21	U		0.21	U	
SW8260C	Chlorobenzene	108-90-7	µg/L	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260C	Chlorobromomethane	74-97-5	µg/L	0.41	U		0.41	U		0.41	U		0.41	U	
SW8260C	Chloroethane	75-00-3	µg/L	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260C	Chloroform	67-66-3	µg/L	0.33	U		0.33	U		0.33	U		0.33	U	
SW8260C	Chloromethane	74-87-3	µg/L	0.14	UJ	c	0.14	UJ	l,c	0.14	UJ	l,c	0.14	UJ	c
SW8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	28			0.22	U		0.66	J		0.66	J	
SW8260C	cis-1,3-Dichloropropene	10061-01-5	µg/L	0.46	U		0.46	U		0.46	U		0.46	U	
SW8260C	Ethylbenzene	100-41-4	µg/L	0.3	U		0.3	U		0.3	U		0.3	U	
SW8260C	Methylene chloride	75-09-2	µg/L	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260C	Styrene	100-42-5	µg/L	0.42	U		0.42	U		0.42	U		0.42	U	
SW8260C	Tetrachloroethene	127-18-4	µg/L	340			0.86	J		20			20		
SW8260C	Toluene	108-88-3	µg/L	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	0.31	J		0.24	U		0.24	U		0.24	U	
SW8260C	trans-1,3-Dichloropropene	10061-02-6	µg/L	0.49	U		0.49	U		0.49	U		0.49	U	
SW8260C	Trichloroethene	79-01-6	µg/L	17			0.31	U		0.31	U		0.31	U	
SW8260C	Vinyl chloride	75-01-4	µg/L	0.17	U		0.17	U		0.17	U		0.17	U	
SW8260C	Xylene (Total)	1330-20-7	µg/L	0.65	U		0.65	U		0.65	U		0.65	U	

Table B-1
Groundwater Sample Final Results after Data Review

Sample Delivery Group				4601715551 460-171555-7 FSMW-4B 12112018 12/11/2018 Groundwater			4601715551 460-171555-8 FSMW-1A 12122018 12/12/2018 Groundwater			4601715551 460-171555-10 FSMW-8A 12122018 12/12/2018 Groundwater			4601715551 460-171555-13 FSMW-13A 12122018 12/12/2018 Groundwater		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	1,1,1-Trichloroethane	71-55-6	µg/L	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L	0.37	U		0.37	U		0.37	U		0.37	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/L	0.26	U		0.26	U		0.26	U		0.26	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/L	0.12	U		0.12	U		0.12	U		0.12	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/L	0.35	U		0.35	U		0.35	U		1.2		
SW8260C	2-Butanone (MEK)	78-93-3	µg/L	1.9	U		1.9	U		1.9	U		1.9	U	
SW8260C	2-Hexanone	591-78-6	µg/L	2.9	U		2.9	U		2.9	U		2.9	U	
SW8260C	4-Methyl-2-Pentanone (MIBK)	108-10-1	µg/L	2.7	U		2.7	U		2.7	U		2.7	U	
SW8260C	Acetone	67-64-1	µg/L	5	U		5	U		5	U		5	U	
SW8260C	Benzene	71-43-2	µg/L	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260C	Bromoform	75-25-2	µg/L	0.54	U		0.54	U		0.54	U		0.54	U	
SW8260C	Bromodichloromethane	75-27-4	µg/L	0.34	U		0.34	U		0.34	U		0.34	U	
SW8260C	Bromomethane	74-83-9	µg/L	1	U		1	U		1	UJ	c	1	U	
SW8260C	Carbon disulfide	75-15-0	µg/L	0.16	U		0.16	U		0.16	U		0.16	U	
SW8260C	Carbon tetrachloride	56-23-5	µg/L	0.21	U		0.21	U		0.21	U		0.21	U	
SW8260C	Chlorobenzene	108-90-7	µg/L	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260C	Chlorobromomethane	74-97-5	µg/L	0.41	U		0.41	U		0.41	U		0.41	U	
SW8260C	Chloroethane	75-00-3	µg/L	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260C	Chloroform	67-66-3	µg/L	0.33	U		0.33	U		0.33	U		0.33	U	
SW8260C	Chloromethane	74-87-3	µg/L	0.14	UJ	l,c	0.14	UJ	l,c	0.14	UJ	c	0.14	UJ	l,c
SW8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	0.22	U		80			0.41	J		10		
SW8260C	cis-1,3-Dichloropropene	10061-01-5	µg/L	0.46	U		0.46	U		0.46	U		0.46	U	
SW8260C	Ethylbenzene	100-41-4	µg/L	0.3	U		0.3	U		0.3	U		0.3	U	
SW8260C	Methylene chloride	75-09-2	µg/L	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260C	Styrene	100-42-5	µg/L	0.42	U		0.42	U		0.42	U		0.42	U	
SW8260C	Tetrachloroethene	127-18-4	µg/L	6.1			240			8.3			280		
SW8260C	Toluene	108-88-3	µg/L	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	0.24	U		0.24	U		0.24	U		0.32	J	
SW8260C	trans-1,3-Dichloropropene	10061-02-6	µg/L	0.49	U		0.49	U		0.49	U		0.49	U	
SW8260C	Trichloroethene	79-01-6	µg/L	1.5			54			0.35	J		10		
SW8260C	Vinyl chloride	75-01-4	µg/L	0.17	U		0.17	U		0.17	U		0.17	U	
SW8260C	Xylene (Total)	1330-20-7	µg/L	0.65	U		0.65	U		0.65	U		0.65	U	

Table B-1
Groundwater Sample Final Results after Data Review

Sample Delivery Group				4601715551			4601715551		
Lab ID				460-171555-14			460-171555-15		
Sample ID				FSMW-14A 12122018			FSMW-14B 12122018		
Sample Date				12/12/2018			12/12/2018		
Sample Type				Groundwater			Groundwater		
Method	Analyte	CAS No	Units	Result	Final Qual	RC	Result	Final Qual	RC
SW8260C	1,1,1-Trichloroethane	71-55-6	µg/L	2.4	U		1.2	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L	3.7	U		1.8	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/L	4.3	U		2.2	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/L	2.6	U		1.3	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/L	1.2	U		0.59	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/L	4.3	U		2.2	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/L	3.5	U		1.8	U	
SW8260C	2-Butanone (MEK)	78-93-3	µg/L	19	U		9.3	U	
SW8260C	2-Hexanone	591-78-6	µg/L	29	U		15	U	
SW8260C	4-Methyl-2-Pentanone (MIBK)	108-10-1	µg/L	27	U		14	U	
SW8260C	Acetone	67-64-1	µg/L	52	B		29	B	
SW8260C	Benzene	71-43-2	µg/L	4.3	U		2.1	U	
SW8260C	Bromoform	75-25-2	µg/L	5.4	U		2.7	U	
SW8260C	Bromodichloromethane	75-27-4	µg/L	3.4	U		1.7	U	
SW8260C	Bromomethane	74-83-9	µg/L	10	UJ	c	5	U	
SW8260C	Carbon disulfide	75-15-0	µg/L	1.6	U		0.78	U	
SW8260C	Carbon tetrachloride	56-23-5	µg/L	2.1	U		1	U	
SW8260C	Chlorobenzene	108-90-7	µg/L	3.8	U		1.9	U	
SW8260C	Chlorobromomethane	74-97-5	µg/L	4.1	U		2.1	U	
SW8260C	Chloroethane	75-00-3	µg/L	3.2	U		1.6	U	
SW8260C	Chloroform	67-66-3	µg/L	3.3	U		1.6	U	
SW8260C	Chloromethane	74-87-3	µg/L	1.4	UJ	c	0.72	UJ	l,c
SW8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	2.7	J		7.8		
SW8260C	cis-1,3-Dichloropropene	10061-01-5	µg/L	4.6	U		2.3	U	
SW8260C	Ethylbenzene	100-41-4	µg/L	3	U		1.5	U	
SW8260C	Methylene chloride	75-09-2	µg/L	3.2	U		1.6	U	
SW8260C	Styrene	100-42-5	µg/L	4.2	U		2.1	U	
SW8260C	Tetrachloroethene	127-18-4	µg/L	2900			1300		
SW8260C	Toluene	108-88-3	µg/L	3.8	U		1.9	U	
SW8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	2.4	U		1.2	U	
SW8260C	trans-1,3-Dichloropropene	10061-02-6	µg/L	4.9	U		2.4	U	
SW8260C	Trichloroethene	79-01-6	µg/L	42			36		
SW8260C	Vinyl chloride	75-01-4	µg/L	1.7	U		0.86	U	
SW8260C	Xylene (Total)	1330-20-7	µg/L	6.5	U		3.3	U	

Notes:

- CAS = Chemical abstract services
- Qual = Final qualifier
- RC = Reason code (See definition below)
- µg/L = Micrograms per liter
- B = Analyte was detected in the associated laboratory blank and/or a signal was observed for the analyte below the method detection limit. Per the laboratory, the analyte may have been introduced via the dilution water. The laboratory qualifier "B" was retained as a final qualifier by the validator per professional judgment.
- J = **Estimated Value** — One or more quality control parameters were outside control limits or the analyte concentration was below the reporting limit but above the method detection limit.
- U = **Undetected** — The analyte was undetected above the method detection.
- UJ = **Estimated and undetected** — The analyte was undetected above the method detection limit and one or more quality control parameters were outside control limits; the associated value presented is the method detection limit.

Reason Code

- c = Calibration Outlier
- I = Laboratory control sample recovery outlier (accuracy indicator)

Attachment C
NYSDEC Data Deliverables Package

ANALYTICAL REPORT

Job Number: 460-171555-1

Job Description: Frost Street

For:

EnSafe, Inc.

1233 Silas Deane Highway
Wethersfield, CT 06109

Attention: Alexandra Stark



Approved for release.
Dawn F Crowell
Project Manager I
1/30/2019 10:10 AM

Dawn F Crowell, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
dawn.crowell@testamericainc.com
01/30/2019
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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TestAmerica Laboratories, Inc.

TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com



Job Number: 460-171555-1

Job Description: Frost Street

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

A handwritten signature in black ink, appearing to read 'Dawn F. Crowell', is positioned above a horizontal line.

Approved for release.
Dawn F. Crowell
Project Manager I
1/30/2019 10:10 AM

Dawn F Crowell

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CASE NARRATIVE

Client: EnSafe, Inc.

Project: Frost Street

Report Number: 460-171555-1

Revision - 1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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

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

RECEIPT

The samples were received on 12/12/2018 7:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.0° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

One or more containers for the following sample was received broken or leaking: FSMW-4B 12112018 (460-171555-7). 1 of 3 vials received broken.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): FSMW-13A 12122018 (460-171555-13). #13 - Sample time on COC is 11:50 but 12:50 on the containers.

Analyte bromodichloromethane was inadvertently omitted from the client specific reporting list for VOCs. A revised report has been issued.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples FSMW-2A 12112018 (460-171555-1), FSMW-2B 12112018 (460-171555-2), FSMW-4A 12112018 (460-171555-3), EB01 12112018 (460-171555-4), FB01 12112018 (460-171555-5), DUP01 12112018 (460-171555-6), FSMW-4B 12112018 (460-171555-7), FSMW-1A 12122018 (460-171555-8), EB02 12122018 (460-171555-9), FSMW-8A 12122018 (460-171555-10), TB01 12112018 (460-171555-11), FB02 12122018 (460-171555-12), FSMW-13A 12122018 (460-171555-13), FSMW-14A 12122018 (460-171555-14) and FSMW-14B 12122018 (460-171555-15) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 12/19/2018 and 12/20/2018.

The continuing calibration verification (CCV) analyzed in batch 460-576929 was outside the method criteria for the following analyte(s): Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-576929 recovered outside control limits for the following analytes: Chloromethane and 2-Butanone (MEK). These analytes were not detected in the associated samples; therefore, the data have been reported.

The method blank for analytical batch 460-576929 contained Methylene Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.

2-Butanone (MEK) failed the recovery criteria high for the MSD of sample FSMW-2B 12112018MSD (460-171555-2) in batch

460-576929.

The laboratory control sample (LCS) for analytical batch 460-577330 recovered outside control limits for the following analytes: Bromomethane and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Acetone was detected in method blank MB 460-577330/18 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Chloromethane failed the recovery criteria high for the MSD of sample FSMW-8A 12122018MSD (460-171555-10) in batch 460-577330.

Refer to the QC report for details.

The following samples were diluted to bring the concentration of target analytes within the calibration range: FSMW-14A 12122018 (460-171555-14)[10X] and FSMW-14B 12122018 (460-171555-15)[5X]. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-171555-1	FSMW-2A 12112018	Water	12/11/18 09:00	12/12/18 19:00
460-171555-2	FSMW-2B 12112018	Water	12/11/18 10:00	12/12/18 19:00
460-171555-3	FSMW-4A 12112018	Water	12/11/18 11:45	12/12/18 19:00
460-171555-4	EB01 12112018	Water	12/11/18 09:10	12/12/18 19:00
460-171555-5	FB01 12112018	Water	12/11/18 10:45	12/12/18 19:00
460-171555-6	DUP01 12112018	Water	12/11/18 00:00	12/12/18 19:00
460-171555-7	FSMW-4B 12112018	Water	12/11/18 12:55	12/12/18 19:00
460-171555-8	FSMW-1A 12122018	Water	12/12/18 09:10	12/12/18 19:00
460-171555-9	EB02 12122018	Water	12/12/18 09:20	12/12/18 19:00
460-171555-10	FSMW-8A 12122018	Water	12/12/18 10:25	12/12/18 19:00
460-171555-11	TB01 12112018	Water	12/11/18 08:00	12/12/18 19:00
460-171555-12	FB02 12122018	Water	12/12/18 11:10	12/12/18 19:00
460-171555-13	FSMW-13A 12122018	Water	12/12/18 11:50	12/12/18 19:00
460-171555-14	FSMW-14A 12122018	Water	12/12/18 12:40	12/12/18 19:00
460-171555-15	FSMW-14B 12122018	Water	12/12/18 13:40	12/12/18 19:00

Detection Summary

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-2A 12112018

Lab Sample ID: 460-171555-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	28		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	340		1.0	0.25	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.31	J	1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	17		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW-2B 12112018

Lab Sample ID: 460-171555-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.86	J	1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW-4A 12112018

Lab Sample ID: 460-171555-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.66	J	1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	20		1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: EB01 12112018

Lab Sample ID: 460-171555-4

No Detections.

Client Sample ID: FB01 12112018

Lab Sample ID: 460-171555-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.2	B	1.0	0.32	ug/L	1		8260C	Total/NA

Client Sample ID: DUP01 12112018

Lab Sample ID: 460-171555-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.66	J	1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	20		1.0	0.25	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW-4B 12112018

Lab Sample ID: 460-171555-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.1		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.5		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW-1A 12122018

Lab Sample ID: 460-171555-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	80		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	240		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	54		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: EB02 12122018

Lab Sample ID: 460-171555-9

No Detections.

Client Sample ID: FSMW-8A 12122018

Lab Sample ID: 460-171555-10

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-8A 12122018 (Continued)

Lab Sample ID: 460-171555-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.41	J	1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	8.3		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	0.35	J	1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: TB01 12112018

Lab Sample ID: 460-171555-11

No Detections.

Client Sample ID: FB02 12122018

Lab Sample ID: 460-171555-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.7	J	5.0	1.9	ug/L	1		8260C	Total/NA
Methylene Chloride	1.3		1.0	0.32	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW-13A 12122018

Lab Sample ID: 460-171555-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloropropane	1.2		1.0	0.35	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	10		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	280		1.0	0.25	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.32	J	1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	10		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW-14A 12122018

Lab Sample ID: 460-171555-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	52	B	50	50	ug/L	10		8260C	Total/NA
cis-1,2-Dichloroethene	2.7	J	10	2.2	ug/L	10		8260C	Total/NA
Tetrachloroethene	2900		10	2.5	ug/L	10		8260C	Total/NA
Trichloroethene	42		10	3.1	ug/L	10		8260C	Total/NA

Client Sample ID: FSMW-14B 12122018

Lab Sample ID: 460-171555-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	29		25	25	ug/L	5		8260C	Total/NA
cis-1,2-Dichloroethene	7.8		5.0	1.1	ug/L	5		8260C	Total/NA
Tetrachloroethene	1300		5.0	1.2	ug/L	5		8260C	Total/NA
Trichloroethene	36		5.0	1.6	ug/L	5		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Method Summary

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

Protocol References:

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

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-2A 12112018

Lab Sample ID: 460-171555-1

Date Collected: 12/11/18 09:00

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/20/18 16:59	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/20/18 16:59	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 16:59	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/20/18 16:59	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/20/18 16:59	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 16:59	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/20/18 16:59	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/20/18 16:59	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/20/18 16:59	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/20/18 16:59	1
Acetone	5.0	U	5.0	5.0	ug/L			12/20/18 16:59	1
Benzene	0.43	U	1.0	0.43	ug/L			12/20/18 16:59	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/20/18 16:59	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/20/18 16:59	1
Bromomethane	1.0	U *	1.0	1.0	ug/L			12/20/18 16:59	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/20/18 16:59	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/20/18 16:59	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/20/18 16:59	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/20/18 16:59	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/20/18 16:59	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/20/18 16:59	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/20/18 16:59	1
cis-1,2-Dichloroethene	28		1.0	0.22	ug/L			12/20/18 16:59	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/20/18 16:59	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/20/18 16:59	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/20/18 16:59	1
Styrene	0.42	U	1.0	0.42	ug/L			12/20/18 16:59	1
Tetrachloroethene	340		1.0	0.25	ug/L			12/20/18 16:59	1
Toluene	0.38	U	1.0	0.38	ug/L			12/20/18 16:59	1
trans-1,2-Dichloroethene	0.31	J	1.0	0.24	ug/L			12/20/18 16:59	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/20/18 16:59	1
Trichloroethene	17		1.0	0.31	ug/L			12/20/18 16:59	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/20/18 16:59	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/20/18 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		74 - 132		12/20/18 16:59	1
4-Bromofluorobenzene	93		77 - 124		12/20/18 16:59	1
Dibromofluoromethane (Surr)	97		72 - 131		12/20/18 16:59	1
Toluene-d8 (Surr)	94		80 - 120		12/20/18 16:59	1

Client Sample ID: FSMW-2B 12112018

Lab Sample ID: 460-171555-2

Date Collected: 12/11/18 10:00

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/19/18 02:09	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/19/18 02:09	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 02:09	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-2B 12112018

Lab Sample ID: 460-171555-2

Date Collected: 12/11/18 10:00

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/19/18 02:09	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/19/18 02:09	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 02:09	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/19/18 02:09	1
2-Butanone (MEK)	1.9	U F1 *	5.0	1.9	ug/L			12/19/18 02:09	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/19/18 02:09	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/19/18 02:09	1
Acetone	5.0	U	5.0	5.0	ug/L			12/19/18 02:09	1
Benzene	0.43	U	1.0	0.43	ug/L			12/19/18 02:09	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/19/18 02:09	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/19/18 02:09	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/19/18 02:09	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/19/18 02:09	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/19/18 02:09	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/19/18 02:09	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/19/18 02:09	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/19/18 02:09	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/19/18 02:09	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/19/18 02:09	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/19/18 02:09	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/19/18 02:09	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/19/18 02:09	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/19/18 02:09	1
Styrene	0.42	U	1.0	0.42	ug/L			12/19/18 02:09	1
Tetrachloroethene	0.86	J	1.0	0.25	ug/L			12/19/18 02:09	1
Toluene	0.38	U	1.0	0.38	ug/L			12/19/18 02:09	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/19/18 02:09	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/19/18 02:09	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/19/18 02:09	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/19/18 02:09	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/19/18 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		74 - 132		12/19/18 02:09	1
4-Bromofluorobenzene	98		77 - 124		12/19/18 02:09	1
Dibromofluoromethane (Surr)	113		72 - 131		12/19/18 02:09	1
Toluene-d8 (Surr)	114		80 - 120		12/19/18 02:09	1

Client Sample ID: FSMW-4A 12112018

Lab Sample ID: 460-171555-3

Date Collected: 12/11/18 11:45

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/19/18 02:35	1
1,1,1,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/19/18 02:35	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 02:35	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/19/18 02:35	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/19/18 02:35	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 02:35	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-4A 12112018

Lab Sample ID: 460-171555-3

Date Collected: 12/11/18 11:45

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/19/18 02:35	1
2-Butanone (MEK)	1.9	U *	5.0	1.9	ug/L			12/19/18 02:35	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/19/18 02:35	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/19/18 02:35	1
Acetone	5.0	U	5.0	5.0	ug/L			12/19/18 02:35	1
Benzene	0.43	U	1.0	0.43	ug/L			12/19/18 02:35	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/19/18 02:35	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/19/18 02:35	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/19/18 02:35	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/19/18 02:35	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/19/18 02:35	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/19/18 02:35	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/19/18 02:35	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/19/18 02:35	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/19/18 02:35	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/19/18 02:35	1
cis-1,2-Dichloroethene	0.66	J	1.0	0.22	ug/L			12/19/18 02:35	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/19/18 02:35	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/19/18 02:35	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/19/18 02:35	1
Styrene	0.42	U	1.0	0.42	ug/L			12/19/18 02:35	1
Tetrachloroethene	20		1.0	0.25	ug/L			12/19/18 02:35	1
Toluene	0.38	U	1.0	0.38	ug/L			12/19/18 02:35	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/19/18 02:35	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/19/18 02:35	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/19/18 02:35	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/19/18 02:35	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/19/18 02:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		74 - 132		12/19/18 02:35	1
4-Bromofluorobenzene	97		77 - 124		12/19/18 02:35	1
Dibromofluoromethane (Surr)	111		72 - 131		12/19/18 02:35	1
Toluene-d8 (Surr)	112		80 - 120		12/19/18 02:35	1

Client Sample ID: EB01 12112018

Lab Sample ID: 460-171555-4

Date Collected: 12/11/18 09:10

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/20/18 15:18	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/20/18 15:18	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 15:18	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/20/18 15:18	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/20/18 15:18	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 15:18	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/20/18 15:18	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/20/18 15:18	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/20/18 15:18	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: EB01 12112018

Lab Sample ID: 460-171555-4

Date Collected: 12/11/18 09:10

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/20/18 15:18	1
Acetone	5.0	U	5.0	5.0	ug/L			12/20/18 15:18	1
Benzene	0.43	U	1.0	0.43	ug/L			12/20/18 15:18	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/20/18 15:18	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/20/18 15:18	1
Bromomethane	1.0	U *	1.0	1.0	ug/L			12/20/18 15:18	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/20/18 15:18	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/20/18 15:18	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/20/18 15:18	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/20/18 15:18	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/20/18 15:18	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/20/18 15:18	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/20/18 15:18	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/20/18 15:18	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/20/18 15:18	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/20/18 15:18	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/20/18 15:18	1
Styrene	0.42	U	1.0	0.42	ug/L			12/20/18 15:18	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/20/18 15:18	1
Toluene	0.38	U	1.0	0.38	ug/L			12/20/18 15:18	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/20/18 15:18	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/20/18 15:18	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/20/18 15:18	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/20/18 15:18	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/20/18 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		74 - 132		12/20/18 15:18	1
4-Bromofluorobenzene	95		77 - 124		12/20/18 15:18	1
Dibromofluoromethane (Surr)	97		72 - 131		12/20/18 15:18	1
Toluene-d8 (Surr)	95		80 - 120		12/20/18 15:18	1

Client Sample ID: FB01 12112018

Lab Sample ID: 460-171555-5

Date Collected: 12/11/18 10:45

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/19/18 00:28	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/19/18 00:28	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 00:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/19/18 00:28	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/19/18 00:28	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 00:28	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/19/18 00:28	1
2-Butanone (MEK)	1.9	U *	5.0	1.9	ug/L			12/19/18 00:28	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/19/18 00:28	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/19/18 00:28	1
Acetone	5.0	U	5.0	5.0	ug/L			12/19/18 00:28	1
Benzene	0.43	U	1.0	0.43	ug/L			12/19/18 00:28	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FB01 12112018

Lab Sample ID: 460-171555-5

Date Collected: 12/11/18 10:45

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/19/18 00:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/19/18 00:28	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/19/18 00:28	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/19/18 00:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/19/18 00:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/19/18 00:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/19/18 00:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/19/18 00:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/19/18 00:28	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/19/18 00:28	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/19/18 00:28	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/19/18 00:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/19/18 00:28	1
Methylene Chloride	2.2	B	1.0	0.32	ug/L			12/19/18 00:28	1
Styrene	0.42	U	1.0	0.42	ug/L			12/19/18 00:28	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/19/18 00:28	1
Toluene	0.38	U	1.0	0.38	ug/L			12/19/18 00:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/19/18 00:28	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/19/18 00:28	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/19/18 00:28	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/19/18 00:28	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/19/18 00:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		74 - 132		12/19/18 00:28	1
4-Bromofluorobenzene	101		77 - 124		12/19/18 00:28	1
Dibromofluoromethane (Surr)	116		72 - 131		12/19/18 00:28	1
Toluene-d8 (Surr)	115		80 - 120		12/19/18 00:28	1

Client Sample ID: DUP01 12112018

Lab Sample ID: 460-171555-6

Date Collected: 12/11/18 00:00

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/20/18 16:34	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/20/18 16:34	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 16:34	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/20/18 16:34	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/20/18 16:34	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 16:34	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/20/18 16:34	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/20/18 16:34	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/20/18 16:34	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/20/18 16:34	1
Acetone	5.0	U	5.0	5.0	ug/L			12/20/18 16:34	1
Benzene	0.43	U	1.0	0.43	ug/L			12/20/18 16:34	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/20/18 16:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/20/18 16:34	1
Bromomethane	1.0	U *	1.0	1.0	ug/L			12/20/18 16:34	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: DUP01 12112018

Lab Sample ID: 460-171555-6

Date Collected: 12/11/18 00:00

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/20/18 16:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/20/18 16:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/20/18 16:34	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/20/18 16:34	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/20/18 16:34	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/20/18 16:34	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/20/18 16:34	1
cis-1,2-Dichloroethene	0.66	J	1.0	0.22	ug/L			12/20/18 16:34	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/20/18 16:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/20/18 16:34	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/20/18 16:34	1
Styrene	0.42	U	1.0	0.42	ug/L			12/20/18 16:34	1
Tetrachloroethene	20		1.0	0.25	ug/L			12/20/18 16:34	1
Toluene	0.38	U	1.0	0.38	ug/L			12/20/18 16:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/20/18 16:34	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/20/18 16:34	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/20/18 16:34	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/20/18 16:34	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/20/18 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		12/20/18 16:34	1
4-Bromofluorobenzene	96		77 - 124		12/20/18 16:34	1
Dibromofluoromethane (Surr)	100		72 - 131		12/20/18 16:34	1
Toluene-d8 (Surr)	97		80 - 120		12/20/18 16:34	1

Client Sample ID: FSMW-4B 12112018

Lab Sample ID: 460-171555-7

Date Collected: 12/11/18 12:55

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/19/18 03:00	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/19/18 03:00	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 03:00	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/19/18 03:00	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/19/18 03:00	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 03:00	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/19/18 03:00	1
2-Butanone (MEK)	1.9	U *	5.0	1.9	ug/L			12/19/18 03:00	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/19/18 03:00	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/19/18 03:00	1
Acetone	5.0	U	5.0	5.0	ug/L			12/19/18 03:00	1
Benzene	0.43	U	1.0	0.43	ug/L			12/19/18 03:00	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/19/18 03:00	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/19/18 03:00	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/19/18 03:00	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/19/18 03:00	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/19/18 03:00	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/19/18 03:00	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-4B 12112018

Lab Sample ID: 460-171555-7

Date Collected: 12/11/18 12:55

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/19/18 03:00	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/19/18 03:00	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/19/18 03:00	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/19/18 03:00	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/19/18 03:00	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/19/18 03:00	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/19/18 03:00	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/19/18 03:00	1
Styrene	0.42	U	1.0	0.42	ug/L			12/19/18 03:00	1
Tetrachloroethene	6.1		1.0	0.25	ug/L			12/19/18 03:00	1
Toluene	0.38	U	1.0	0.38	ug/L			12/19/18 03:00	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/19/18 03:00	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/19/18 03:00	1
Trichloroethene	1.5		1.0	0.31	ug/L			12/19/18 03:00	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/19/18 03:00	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/19/18 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		74 - 132		12/19/18 03:00	1
4-Bromofluorobenzene	101		77 - 124		12/19/18 03:00	1
Dibromofluoromethane (Surr)	114		72 - 131		12/19/18 03:00	1
Toluene-d8 (Surr)	117		80 - 120		12/19/18 03:00	1

Client Sample ID: FSMW-1A 12122018

Lab Sample ID: 460-171555-8

Date Collected: 12/12/18 09:10

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/19/18 03:26	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/19/18 03:26	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 03:26	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/19/18 03:26	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/19/18 03:26	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 03:26	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/19/18 03:26	1
2-Butanone (MEK)	1.9	U *	5.0	1.9	ug/L			12/19/18 03:26	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/19/18 03:26	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/19/18 03:26	1
Acetone	5.0	U	5.0	5.0	ug/L			12/19/18 03:26	1
Benzene	0.43	U	1.0	0.43	ug/L			12/19/18 03:26	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/19/18 03:26	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/19/18 03:26	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/19/18 03:26	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/19/18 03:26	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/19/18 03:26	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/19/18 03:26	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/19/18 03:26	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/19/18 03:26	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/19/18 03:26	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-1A 12122018

Lab Sample ID: 460-171555-8

Date Collected: 12/12/18 09:10

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/19/18 03:26	1
cis-1,2-Dichloroethene	80		1.0	0.22	ug/L			12/19/18 03:26	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/19/18 03:26	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/19/18 03:26	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/19/18 03:26	1
Styrene	0.42	U	1.0	0.42	ug/L			12/19/18 03:26	1
Tetrachloroethene	240		1.0	0.25	ug/L			12/19/18 03:26	1
Toluene	0.38	U	1.0	0.38	ug/L			12/19/18 03:26	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/19/18 03:26	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/19/18 03:26	1
Trichloroethene	54		1.0	0.31	ug/L			12/19/18 03:26	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/19/18 03:26	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/19/18 03:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		74 - 132		12/19/18 03:26	1
4-Bromofluorobenzene	98		77 - 124		12/19/18 03:26	1
Dibromofluoromethane (Surr)	112		72 - 131		12/19/18 03:26	1
Toluene-d8 (Surr)	112		80 - 120		12/19/18 03:26	1

Client Sample ID: EB02 12122018

Lab Sample ID: 460-171555-9

Date Collected: 12/12/18 09:20

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/19/18 00:53	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/19/18 00:53	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 00:53	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/19/18 00:53	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/19/18 00:53	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 00:53	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/19/18 00:53	1
2-Butanone (MEK)	1.9	U *	5.0	1.9	ug/L			12/19/18 00:53	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/19/18 00:53	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/19/18 00:53	1
Acetone	5.0	U	5.0	5.0	ug/L			12/19/18 00:53	1
Benzene	0.43	U	1.0	0.43	ug/L			12/19/18 00:53	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/19/18 00:53	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/19/18 00:53	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/19/18 00:53	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/19/18 00:53	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/19/18 00:53	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/19/18 00:53	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/19/18 00:53	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/19/18 00:53	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/19/18 00:53	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/19/18 00:53	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/19/18 00:53	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/19/18 00:53	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: EB02 12122018

Lab Sample ID: 460-171555-9

Date Collected: 12/12/18 09:20

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/19/18 00:53	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/19/18 00:53	1
Styrene	0.42	U	1.0	0.42	ug/L			12/19/18 00:53	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/19/18 00:53	1
Toluene	0.38	U	1.0	0.38	ug/L			12/19/18 00:53	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/19/18 00:53	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/19/18 00:53	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/19/18 00:53	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/19/18 00:53	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/19/18 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		74 - 132		12/19/18 00:53	1
4-Bromofluorobenzene	99		77 - 124		12/19/18 00:53	1
Dibromofluoromethane (Surr)	113		72 - 131		12/19/18 00:53	1
Toluene-d8 (Surr)	116		80 - 120		12/19/18 00:53	1

Client Sample ID: FSMW-8A 12122018

Lab Sample ID: 460-171555-10

Date Collected: 12/12/18 10:25

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/20/18 16:08	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/20/18 16:08	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 16:08	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/20/18 16:08	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/20/18 16:08	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 16:08	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/20/18 16:08	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/20/18 16:08	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/20/18 16:08	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/20/18 16:08	1
Acetone	5.0	U	5.0	5.0	ug/L			12/20/18 16:08	1
Benzene	0.43	U	1.0	0.43	ug/L			12/20/18 16:08	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/20/18 16:08	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/20/18 16:08	1
Bromomethane	1.0	U *	1.0	1.0	ug/L			12/20/18 16:08	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/20/18 16:08	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/20/18 16:08	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/20/18 16:08	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/20/18 16:08	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/20/18 16:08	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/20/18 16:08	1
Chloromethane	0.14	U F1 *	1.0	0.14	ug/L			12/20/18 16:08	1
cis-1,2-Dichloroethene	0.41	J	1.0	0.22	ug/L			12/20/18 16:08	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/20/18 16:08	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/20/18 16:08	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/20/18 16:08	1
Styrene	0.42	U	1.0	0.42	ug/L			12/20/18 16:08	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-8A 12122018

Lab Sample ID: 460-171555-10

Date Collected: 12/12/18 10:25

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	8.3		1.0	0.25	ug/L			12/20/18 16:08	1
Toluene	0.38	U	1.0	0.38	ug/L			12/20/18 16:08	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/20/18 16:08	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/20/18 16:08	1
Trichloroethene	0.35	J	1.0	0.31	ug/L			12/20/18 16:08	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/20/18 16:08	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/20/18 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		74 - 132		12/20/18 16:08	1
4-Bromofluorobenzene	112		77 - 124		12/20/18 16:08	1
Dibromofluoromethane (Surr)	115		72 - 131		12/20/18 16:08	1
Toluene-d8 (Surr)	114		80 - 120		12/20/18 16:08	1

Client Sample ID: TB01 12112018

Lab Sample ID: 460-171555-11

Date Collected: 12/11/18 08:00

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/19/18 01:19	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/19/18 01:19	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 01:19	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/19/18 01:19	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/19/18 01:19	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 01:19	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/19/18 01:19	1
2-Butanone (MEK)	1.9	U *	5.0	1.9	ug/L			12/19/18 01:19	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/19/18 01:19	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/19/18 01:19	1
Acetone	5.0	U	5.0	5.0	ug/L			12/19/18 01:19	1
Benzene	0.43	U	1.0	0.43	ug/L			12/19/18 01:19	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/19/18 01:19	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/19/18 01:19	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/19/18 01:19	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/19/18 01:19	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/19/18 01:19	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/19/18 01:19	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/19/18 01:19	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/19/18 01:19	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/19/18 01:19	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/19/18 01:19	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/19/18 01:19	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/19/18 01:19	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/19/18 01:19	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/19/18 01:19	1
Styrene	0.42	U	1.0	0.42	ug/L			12/19/18 01:19	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/19/18 01:19	1
Toluene	0.38	U	1.0	0.38	ug/L			12/19/18 01:19	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/19/18 01:19	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: TB01 12112018

Lab Sample ID: 460-171555-11

Date Collected: 12/11/18 08:00

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/19/18 01:19	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/19/18 01:19	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/19/18 01:19	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/19/18 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		74 - 132					12/19/18 01:19	1
4-Bromofluorobenzene	95		77 - 124					12/19/18 01:19	1
Dibromofluoromethane (Surr)	117		72 - 131					12/19/18 01:19	1
Toluene-d8 (Surr)	113		80 - 120					12/19/18 01:19	1

Client Sample ID: FB02 12122018

Lab Sample ID: 460-171555-12

Date Collected: 12/12/18 11:10

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/20/18 15:43	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/20/18 15:43	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 15:43	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/20/18 15:43	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/20/18 15:43	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 15:43	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/20/18 15:43	1
2-Butanone (MEK)	2.7	J	5.0	1.9	ug/L			12/20/18 15:43	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/20/18 15:43	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/20/18 15:43	1
Acetone	5.0	U	5.0	5.0	ug/L			12/20/18 15:43	1
Benzene	0.43	U	1.0	0.43	ug/L			12/20/18 15:43	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/20/18 15:43	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/20/18 15:43	1
Bromomethane	1.0	U *	1.0	1.0	ug/L			12/20/18 15:43	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/20/18 15:43	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/20/18 15:43	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/20/18 15:43	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/20/18 15:43	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/20/18 15:43	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/20/18 15:43	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/20/18 15:43	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/20/18 15:43	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/20/18 15:43	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/20/18 15:43	1
Methylene Chloride	1.3		1.0	0.32	ug/L			12/20/18 15:43	1
Styrene	0.42	U	1.0	0.42	ug/L			12/20/18 15:43	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/20/18 15:43	1
Toluene	0.38	U	1.0	0.38	ug/L			12/20/18 15:43	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/20/18 15:43	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/20/18 15:43	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/20/18 15:43	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/20/18 15:43	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FB02 12122018

Lab Sample ID: 460-171555-12

Date Collected: 12/12/18 11:10

Matrix: Water

Date Received: 12/12/18 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/20/18 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132					12/20/18 15:43	1
4-Bromofluorobenzene	97		77 - 124					12/20/18 15:43	1
Dibromofluoromethane (Surr)	99		72 - 131					12/20/18 15:43	1
Toluene-d8 (Surr)	99		80 - 120					12/20/18 15:43	1

Client Sample ID: FSMW-13A 12122018

Lab Sample ID: 460-171555-13

Date Collected: 12/12/18 11:50

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/19/18 04:16	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/19/18 04:16	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 04:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/19/18 04:16	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/19/18 04:16	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/19/18 04:16	1
1,2-Dichloropropane	1.2		1.0	0.35	ug/L			12/19/18 04:16	1
2-Butanone (MEK)	1.9	U *	5.0	1.9	ug/L			12/19/18 04:16	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/19/18 04:16	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/19/18 04:16	1
Acetone	5.0	U	5.0	5.0	ug/L			12/19/18 04:16	1
Benzene	0.43	U	1.0	0.43	ug/L			12/19/18 04:16	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/19/18 04:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/19/18 04:16	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/19/18 04:16	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/19/18 04:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/19/18 04:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/19/18 04:16	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/19/18 04:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/19/18 04:16	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/19/18 04:16	1
Chloromethane	0.14	U *	1.0	0.14	ug/L			12/19/18 04:16	1
cis-1,2-Dichloroethene	10		1.0	0.22	ug/L			12/19/18 04:16	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/19/18 04:16	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/19/18 04:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/19/18 04:16	1
Styrene	0.42	U	1.0	0.42	ug/L			12/19/18 04:16	1
Tetrachloroethene	280		1.0	0.25	ug/L			12/19/18 04:16	1
Toluene	0.38	U	1.0	0.38	ug/L			12/19/18 04:16	1
trans-1,2-Dichloroethene	0.32 J		1.0	0.24	ug/L			12/19/18 04:16	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/19/18 04:16	1
Trichloroethene	10		1.0	0.31	ug/L			12/19/18 04:16	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/19/18 04:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/19/18 04:16	1

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-13A 12122018

Date Collected: 12/12/18 11:50

Date Received: 12/12/18 19:00

Lab Sample ID: 460-171555-13

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		74 - 132		12/19/18 04:16	1
4-Bromofluorobenzene	98		77 - 124		12/19/18 04:16	1
Dibromofluoromethane (Surr)	112		72 - 131		12/19/18 04:16	1
Toluene-d8 (Surr)	114		80 - 120		12/19/18 04:16	1

Client Sample ID: FSMW-14A 12122018

Date Collected: 12/12/18 12:40

Date Received: 12/12/18 19:00

Lab Sample ID: 460-171555-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.4	U	10	2.4	ug/L			12/20/18 17:24	10
1,1,2,2-Tetrachloroethane	3.7	U	10	3.7	ug/L			12/20/18 17:24	10
1,1,2-Trichloroethane	4.3	U	10	4.3	ug/L			12/20/18 17:24	10
1,1-Dichloroethane	2.6	U	10	2.6	ug/L			12/20/18 17:24	10
1,1-Dichloroethene	1.2	U	10	1.2	ug/L			12/20/18 17:24	10
1,2-Dichloroethane	4.3	U	10	4.3	ug/L			12/20/18 17:24	10
1,2-Dichloropropane	3.5	U	10	3.5	ug/L			12/20/18 17:24	10
2-Butanone (MEK)	19	U	50	19	ug/L			12/20/18 17:24	10
2-Hexanone	29	U	50	29	ug/L			12/20/18 17:24	10
4-Methyl-2-pentanone (MIBK)	27	U	50	27	ug/L			12/20/18 17:24	10
Acetone	52	B	50	50	ug/L			12/20/18 17:24	10
Benzene	4.3	U	10	4.3	ug/L			12/20/18 17:24	10
Bromodichloromethane	3.4	U	10	3.4	ug/L			12/20/18 17:24	10
Bromoform	5.4	U	10	5.4	ug/L			12/20/18 17:24	10
Bromomethane	10	U *	10	10	ug/L			12/20/18 17:24	10
Carbon disulfide	1.6	U	10	1.6	ug/L			12/20/18 17:24	10
Carbon tetrachloride	2.1	U	10	2.1	ug/L			12/20/18 17:24	10
Chlorobenzene	3.8	U	10	3.8	ug/L			12/20/18 17:24	10
Chlorobromomethane	4.1	U	10	4.1	ug/L			12/20/18 17:24	10
Chloroethane	3.2	U	10	3.2	ug/L			12/20/18 17:24	10
Chloroform	3.3	U	10	3.3	ug/L			12/20/18 17:24	10
Chloromethane	1.4	U *	10	1.4	ug/L			12/20/18 17:24	10
cis-1,2-Dichloroethene	2.7	J	10	2.2	ug/L			12/20/18 17:24	10
cis-1,3-Dichloropropene	4.6	U	10	4.6	ug/L			12/20/18 17:24	10
Ethylbenzene	3.0	U	10	3.0	ug/L			12/20/18 17:24	10
Methylene Chloride	3.2	U	10	3.2	ug/L			12/20/18 17:24	10
Styrene	4.2	U	10	4.2	ug/L			12/20/18 17:24	10
Tetrachloroethene	2900		10	2.5	ug/L			12/20/18 17:24	10
Toluene	3.8	U	10	3.8	ug/L			12/20/18 17:24	10
trans-1,2-Dichloroethene	2.4	U	10	2.4	ug/L			12/20/18 17:24	10
trans-1,3-Dichloropropene	4.9	U	10	4.9	ug/L			12/20/18 17:24	10
Trichloroethene	42		10	3.1	ug/L			12/20/18 17:24	10
Vinyl chloride	1.7	U	10	1.7	ug/L			12/20/18 17:24	10
Xylenes, Total	6.5	U	20	6.5	ug/L			12/20/18 17:24	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		12/20/18 17:24	10
4-Bromofluorobenzene	99		77 - 124		12/20/18 17:24	10
Dibromofluoromethane (Surr)	101		72 - 131		12/20/18 17:24	10

TestAmerica Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-14A 12122018

Lab Sample ID: 460-171555-14

Date Collected: 12/12/18 12:40

Matrix: Water

Date Received: 12/12/18 19:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		12/20/18 17:24	10

Client Sample ID: FSMW-14B 12122018

Lab Sample ID: 460-171555-15

Date Collected: 12/12/18 13:40

Matrix: Water

Date Received: 12/12/18 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.2	U	5.0	1.2	ug/L			12/19/18 05:07	5
1,1,2,2-Tetrachloroethane	1.8	U	5.0	1.8	ug/L			12/19/18 05:07	5
1,1,2-Trichloroethane	2.2	U	5.0	2.2	ug/L			12/19/18 05:07	5
1,1-Dichloroethane	1.3	U	5.0	1.3	ug/L			12/19/18 05:07	5
1,1-Dichloroethene	0.59	U	5.0	0.59	ug/L			12/19/18 05:07	5
1,2-Dichloroethane	2.2	U	5.0	2.2	ug/L			12/19/18 05:07	5
1,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			12/19/18 05:07	5
2-Butanone (MEK)	9.3	U *	25	9.3	ug/L			12/19/18 05:07	5
2-Hexanone	15	U	25	15	ug/L			12/19/18 05:07	5
4-Methyl-2-pentanone (MIBK)	14	U	25	14	ug/L			12/19/18 05:07	5
Acetone	29		25	25	ug/L			12/19/18 05:07	5
Benzene	2.1	U	5.0	2.1	ug/L			12/19/18 05:07	5
Bromodichloromethane	1.7	U	5.0	1.7	ug/L			12/19/18 05:07	5
Bromoform	2.7	U	5.0	2.7	ug/L			12/19/18 05:07	5
Bromomethane	5.0	U	5.0	5.0	ug/L			12/19/18 05:07	5
Carbon disulfide	0.78	U	5.0	0.78	ug/L			12/19/18 05:07	5
Carbon tetrachloride	1.0	U	5.0	1.0	ug/L			12/19/18 05:07	5
Chlorobenzene	1.9	U	5.0	1.9	ug/L			12/19/18 05:07	5
Chlorobromomethane	2.1	U	5.0	2.1	ug/L			12/19/18 05:07	5
Chloroethane	1.6	U	5.0	1.6	ug/L			12/19/18 05:07	5
Chloroform	1.6	U	5.0	1.6	ug/L			12/19/18 05:07	5
Chloromethane	0.72	U *	5.0	0.72	ug/L			12/19/18 05:07	5
cis-1,2-Dichloroethene	7.8		5.0	1.1	ug/L			12/19/18 05:07	5
cis-1,3-Dichloropropene	2.3	U	5.0	2.3	ug/L			12/19/18 05:07	5
Ethylbenzene	1.5	U	5.0	1.5	ug/L			12/19/18 05:07	5
Methylene Chloride	1.6	U	5.0	1.6	ug/L			12/19/18 05:07	5
Styrene	2.1	U	5.0	2.1	ug/L			12/19/18 05:07	5
Tetrachloroethene	1300		5.0	1.2	ug/L			12/19/18 05:07	5
Toluene	1.9	U	5.0	1.9	ug/L			12/19/18 05:07	5
trans-1,2-Dichloroethene	1.2	U	5.0	1.2	ug/L			12/19/18 05:07	5
trans-1,3-Dichloropropene	2.4	U	5.0	2.4	ug/L			12/19/18 05:07	5
Trichloroethene	36		5.0	1.6	ug/L			12/19/18 05:07	5
Vinyl chloride	0.86	U	5.0	0.86	ug/L			12/19/18 05:07	5
Xylenes, Total	3.3	U	10	3.3	ug/L			12/19/18 05:07	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		74 - 132		12/19/18 05:07	5
4-Bromofluorobenzene	98		77 - 124		12/19/18 05:07	5
Dibromofluoromethane (Surr)	115		72 - 131		12/19/18 05:07	5
Toluene-d8 (Surr)	115		80 - 120		12/19/18 05:07	5

TestAmerica Edison

Surrogate Summary

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (74-132)	BFB (77-124)	DBFM (72-131)	TOL (80-120)
460-171555-1	FSMW-2A 12112018	97	93	97	94
460-171555-2	FSMW-2B 12112018	118	98	113	114
460-171555-2 MS	FSMW-2B 12112018	114	101	112	113
460-171555-2 MSD	FSMW-2B 12112018	118	100	112	112
460-171555-3	FSMW-4A 12112018	116	97	111	112
460-171555-4	EB01 12112018	97	95	97	95
460-171555-5	FB01 12112018	119	101	116	115
460-171555-6	DUP01 12112018	99	96	100	97
460-171555-7	FSMW-4B 12112018	117	101	114	117
460-171555-8	FSMW-1A 12122018	117	98	112	112
460-171555-9	EB02 12122018	117	99	113	116
460-171555-10	FSMW-8A 12122018	117	112	115	114
460-171555-10 MS	FSMW-8A 12122018	99	100	100	98
460-171555-10 MSD	FSMW-8A 12122018	102	104	104	103
460-171555-11	TB01 12112018	120	95	117	113
460-171555-12	FB02 12122018	99	97	99	99
460-171555-13	FSMW-13A 12122018	120	98	112	114
460-171555-14	FSMW-14A 12122018	100	99	101	101
460-171555-15	FSMW-14B 12122018	122	98	115	115
LCS 460-576929/5	Lab Control Sample	117	101	114	113
LCS 460-577330/15	Lab Control Sample	99	103	102	101
MB 460-576929/8	Method Blank	118	97	116	114
MB 460-577330/18	Method Blank	99	98	99	98

Surrogate Legend

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

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-576929/8

Matrix: Water

Analysis Batch: 576929

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/18/18 23:37	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/18/18 23:37	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/18/18 23:37	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/18/18 23:37	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/18/18 23:37	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/18/18 23:37	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/18/18 23:37	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/18/18 23:37	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/18/18 23:37	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/18/18 23:37	1
Acetone	5.0	U	5.0	5.0	ug/L			12/18/18 23:37	1
Benzene	0.43	U	1.0	0.43	ug/L			12/18/18 23:37	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/18/18 23:37	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/18/18 23:37	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/18/18 23:37	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/18/18 23:37	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/18/18 23:37	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/18/18 23:37	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/18/18 23:37	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/18/18 23:37	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/18/18 23:37	1
Chloromethane	0.14	U	1.0	0.14	ug/L			12/18/18 23:37	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/18/18 23:37	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/18/18 23:37	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/18/18 23:37	1
Methylene Chloride	0.632	J	1.0	0.32	ug/L			12/18/18 23:37	1
Styrene	0.42	U	1.0	0.42	ug/L			12/18/18 23:37	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/18/18 23:37	1
Toluene	0.38	U	1.0	0.38	ug/L			12/18/18 23:37	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/18/18 23:37	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/18/18 23:37	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/18/18 23:37	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/18/18 23:37	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/18/18 23:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		74 - 132		12/18/18 23:37	1
4-Bromofluorobenzene	97		77 - 124		12/18/18 23:37	1
Dibromofluoromethane (Surr)	116		72 - 131		12/18/18 23:37	1
Toluene-d8 (Surr)	114		80 - 120		12/18/18 23:37	1

Lab Sample ID: LCS 460-576929/5

Matrix: Water

Analysis Batch: 576929

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	22.0		ug/L		110	75 - 125
1,1,2,2-Tetrachloroethane	20.0	21.7		ug/L		109	74 - 120

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

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

Lab Sample ID: LCS 460-576929/5

Matrix: Water

Analysis Batch: 576929

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	20.0	21.7		ug/L		109	78 - 120
1,1-Dichloroethane	20.0	20.0		ug/L		100	77 - 123
1,1-Dichloroethene	20.0	22.1		ug/L		110	74 - 123
1,2-Dichloroethane	20.0	20.3		ug/L		101	76 - 121
1,2-Dichloropropane	20.0	19.2		ug/L		96	77 - 123
2-Butanone (MEK)	100	130	*	ug/L		130	64 - 120
2-Hexanone	100	109		ug/L		109	71 - 125
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	78 - 124
Acetone	100	101		ug/L		101	39 - 150
Benzene	20.0	21.3		ug/L		106	77 - 121
Bromodichloromethane	20.0	21.9		ug/L		109	76 - 120
Bromoform	20.0	17.8		ug/L		89	53 - 120
Bromomethane	20.0	26.5		ug/L		132	10 - 150
Carbon disulfide	20.0	19.8		ug/L		99	69 - 133
Carbon tetrachloride	20.0	20.5		ug/L		103	70 - 132
Chlorobenzene	20.0	20.8		ug/L		104	80 - 120
Chlorobromomethane	20.0	21.4		ug/L		107	77 - 127
Chloroethane	20.0	18.8		ug/L		94	52 - 150
Chloroform	20.0	21.8		ug/L		109	80 - 120
Chloromethane	20.0	10.5	*	ug/L		52	56 - 131
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	80 - 120
cis-1,3-Dichloropropene	20.0	20.1		ug/L		100	77 - 120
Ethylbenzene	20.0	19.6		ug/L		98	80 - 120
Methylene Chloride	20.0	22.0		ug/L		110	77 - 123
Styrene	20.0	21.2		ug/L		106	80 - 120
Tetrachloroethene	20.0	18.9		ug/L		94	78 - 122
Toluene	20.0	21.5		ug/L		108	80 - 120
trans-1,2-Dichloroethene	20.0	21.3		ug/L		106	79 - 120
trans-1,3-Dichloropropene	20.0	21.1		ug/L		105	76 - 120
Trichloroethene	20.0	20.7		ug/L		104	77 - 120
Vinyl chloride	20.0	16.4		ug/L		82	62 - 138
Xylenes, Total	40.0	39.7		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	117		74 - 132
4-Bromofluorobenzene	101		77 - 124
Dibromofluoromethane (Surr)	114		72 - 131
Toluene-d8 (Surr)	113		80 - 120

Lab Sample ID: 460-171555-2 MS

Matrix: Water

Analysis Batch: 576929

Client Sample ID: FSMW-2B 12112018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.24	U	20.0	22.2		ug/L		111	75 - 125
1,1,2,2-Tetrachloroethane	0.37	U	20.0	23.6		ug/L		118	74 - 120
1,1,2-Trichloroethane	0.43	U	20.0	22.5		ug/L		112	78 - 120
1,1-Dichloroethane	0.26	U	20.0	21.0		ug/L		105	77 - 123

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

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

Lab Sample ID: 460-171555-2 MS

Matrix: Water

Analysis Batch: 576929

Client Sample ID: FSMW-2B 12112018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.12	U	20.0	22.4		ug/L		112	74 - 123
1,2-Dichloroethane	0.43	U	20.0	20.7		ug/L		104	76 - 121
1,2-Dichloropropane	0.35	U	20.0	20.2		ug/L		101	77 - 123
2-Butanone (MEK)	1.9	U F1 *	100	120		ug/L		120	64 - 120
2-Hexanone	2.9	U	100	107		ug/L		107	71 - 125
4-Methyl-2-pentanone (MIBK)	2.7	U	100	103		ug/L		103	78 - 124
Acetone	5.0	U	100	89.9		ug/L		90	39 - 150
Benzene	0.43	U	20.0	21.6		ug/L		108	77 - 121
Bromodichloromethane	0.34	U	20.0	22.4		ug/L		112	76 - 120
Bromoform	0.54	U	20.0	18.1		ug/L		90	53 - 120
Bromomethane	1.0	U	20.0	19.7		ug/L		98	10 - 150
Carbon disulfide	0.16	U	20.0	19.0		ug/L		95	69 - 133
Carbon tetrachloride	0.21	U	20.0	20.7		ug/L		103	70 - 132
Chlorobenzene	0.38	U	20.0	21.1		ug/L		105	80 - 120
Chlorobromomethane	0.41	U	20.0	21.5		ug/L		108	77 - 127
Chloroethane	0.32	U	20.0	19.9		ug/L		99	52 - 150
Chloroform	0.33	U	20.0	22.9		ug/L		115	80 - 120
Chloromethane	0.14	U *	20.0	13.5		ug/L		68	56 - 131
cis-1,2-Dichloroethene	0.22	U	20.0	21.7		ug/L		108	80 - 120
cis-1,3-Dichloropropene	0.46	U	20.0	19.6		ug/L		98	77 - 120
Ethylbenzene	0.30	U	20.0	19.6		ug/L		98	80 - 120
Methylene Chloride	0.32	U	20.0	22.6		ug/L		113	77 - 123
Styrene	0.42	U	20.0	20.9		ug/L		105	80 - 120
Tetrachloroethene	0.86	J	20.0	19.9		ug/L		95	78 - 122
Toluene	0.38	U	20.0	22.0		ug/L		110	80 - 120
trans-1,2-Dichloroethene	0.24	U	20.0	22.2		ug/L		111	79 - 120
trans-1,3-Dichloropropene	0.49	U	20.0	20.4		ug/L		102	76 - 120
Trichloroethene	0.31	U	20.0	20.8		ug/L		104	77 - 120
Vinyl chloride	0.17	U	20.0	17.5		ug/L		88	62 - 138
Xylenes, Total	0.65	U	40.0	40.0		ug/L		100	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		74 - 132
4-Bromofluorobenzene	101		77 - 124
Dibromofluoromethane (Surr)	112		72 - 131
Toluene-d8 (Surr)	113		80 - 120

Lab Sample ID: 460-171555-2 MSD

Matrix: Water

Analysis Batch: 576929

Client Sample ID: FSMW-2B 12112018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	20.0	23.1		ug/L		116	75 - 125	4	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	22.8		ug/L		114	74 - 120	3	30
1,1,2-Trichloroethane	0.43	U	20.0	22.5		ug/L		112	78 - 120	0	30
1,1-Dichloroethane	0.26	U	20.0	21.5		ug/L		108	77 - 123	2	30
1,1-Dichloroethene	0.12	U	20.0	23.7		ug/L		119	74 - 123	6	30
1,2-Dichloroethane	0.43	U	20.0	21.2		ug/L		106	76 - 121	2	30

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

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

Lab Sample ID: 460-171555-2 MSD

Matrix: Water

Analysis Batch: 576929

Client Sample ID: FSMW-2B 12112018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	0.35	U	20.0	20.9		ug/L		105	77 - 123	3	30
2-Butanone (MEK)	1.9	U F1 *	100	122	F1	ug/L		122	64 - 120	1	30
2-Hexanone	2.9	U	100	108		ug/L		108	71 - 125	1	30
4-Methyl-2-pentanone (MIBK)	2.7	U	100	105		ug/L		105	78 - 124	1	30
Acetone	5.0	U	100	89.2		ug/L		89	39 - 150	1	30
Benzene	0.43	U	20.0	22.4		ug/L		112	77 - 121	4	30
Bromodichloromethane	0.34	U	20.0	23.0		ug/L		115	76 - 120	3	30
Bromoform	0.54	U	20.0	17.6		ug/L		88	53 - 120	3	30
Bromomethane	1.0	U	20.0	23.0		ug/L		115	10 - 150	16	30
Carbon disulfide	0.16	U	20.0	20.2		ug/L		101	69 - 133	6	30
Carbon tetrachloride	0.21	U	20.0	21.8		ug/L		109	70 - 132	5	30
Chlorobenzene	0.38	U	20.0	21.5		ug/L		107	80 - 120	2	30
Chlorobromomethane	0.41	U	20.0	21.7		ug/L		109	77 - 127	1	30
Chloroethane	0.32	U	20.0	20.5		ug/L		102	52 - 150	3	30
Chloroform	0.33	U	20.0	23.0		ug/L		115	80 - 120	0	30
Chloromethane	0.14	U *	20.0	14.7		ug/L		73	56 - 131	8	30
cis-1,2-Dichloroethene	0.22	U	20.0	22.1		ug/L		111	80 - 120	2	30
cis-1,3-Dichloropropene	0.46	U	20.0	20.6		ug/L		103	77 - 120	5	30
Ethylbenzene	0.30	U	20.0	20.7		ug/L		103	80 - 120	5	30
Methylene Chloride	0.32	U	20.0	22.9		ug/L		114	77 - 123	1	30
Styrene	0.42	U	20.0	21.6		ug/L		108	80 - 120	3	30
Tetrachloroethene	0.86	J	20.0	20.5		ug/L		98	78 - 122	3	30
Toluene	0.38	U	20.0	22.7		ug/L		114	80 - 120	3	30
trans-1,2-Dichloroethene	0.24	U	20.0	22.3		ug/L		111	79 - 120	0	30
trans-1,3-Dichloropropene	0.49	U	20.0	21.2		ug/L		106	76 - 120	4	30
Trichloroethene	0.31	U	20.0	21.6		ug/L		108	77 - 120	4	30
Vinyl chloride	0.17	U	20.0	18.1		ug/L		90	62 - 138	3	30
Xylenes, Total	0.65	U	40.0	41.6		ug/L		104	80 - 120	4	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	118		74 - 132
4-Bromofluorobenzene	100		77 - 124
Dibromofluoromethane (Surr)	112		72 - 131
Toluene-d8 (Surr)	112		80 - 120

Lab Sample ID: MB 460-577330/18

Matrix: Water

Analysis Batch: 577330

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/20/18 14:52	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/20/18 14:52	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 14:52	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/20/18 14:52	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/20/18 14:52	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/20/18 14:52	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/20/18 14:52	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/20/18 14:52	1

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

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

Lab Sample ID: MB 460-577330/18

Matrix: Water

Analysis Batch: 577330

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/20/18 14:52	1
4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7	ug/L			12/20/18 14:52	1
Acetone	7.03		5.0	5.0	ug/L			12/20/18 14:52	1
Benzene	0.43	U	1.0	0.43	ug/L			12/20/18 14:52	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/20/18 14:52	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/20/18 14:52	1
Bromomethane	1.0	U	1.0	1.0	ug/L			12/20/18 14:52	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/20/18 14:52	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/20/18 14:52	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/20/18 14:52	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/20/18 14:52	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/20/18 14:52	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/20/18 14:52	1
Chloromethane	0.14	U	1.0	0.14	ug/L			12/20/18 14:52	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/20/18 14:52	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/20/18 14:52	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/20/18 14:52	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/20/18 14:52	1
Styrene	0.42	U	1.0	0.42	ug/L			12/20/18 14:52	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/20/18 14:52	1
Toluene	0.38	U	1.0	0.38	ug/L			12/20/18 14:52	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/20/18 14:52	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/20/18 14:52	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/20/18 14:52	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/20/18 14:52	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/20/18 14:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		12/20/18 14:52	1
4-Bromofluorobenzene	98		77 - 124		12/20/18 14:52	1
Dibromofluoromethane (Surr)	99		72 - 131		12/20/18 14:52	1
Toluene-d8 (Surr)	98		80 - 120		12/20/18 14:52	1

Lab Sample ID: LCS 460-577330/15

Matrix: Water

Analysis Batch: 577330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/L		96	74 - 120
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	78 - 120
1,1-Dichloroethane	20.0	19.7		ug/L		98	77 - 123
1,1-Dichloroethene	20.0	19.8		ug/L		99	74 - 123
1,2-Dichloroethane	20.0	19.3		ug/L		96	76 - 121
1,2-Dichloropropane	20.0	20.4		ug/L		102	77 - 123
2-Butanone (MEK)	100	101		ug/L		101	64 - 120
2-Hexanone	100	114		ug/L		114	71 - 125
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	78 - 124

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

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

Lab Sample ID: LCS 460-577330/15

Matrix: Water

Analysis Batch: 577330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	113		ug/L		113	39 - 150
Benzene	20.0	19.8		ug/L		99	77 - 121
Bromodichloromethane	20.0	20.9		ug/L		104	76 - 120
Bromoform	20.0	20.6		ug/L		103	53 - 120
Bromomethane	20.0	30.9	*	ug/L		154	10 - 150
Carbon disulfide	20.0	20.6		ug/L		103	69 - 133
Carbon tetrachloride	20.0	20.3		ug/L		102	70 - 132
Chlorobenzene	20.0	20.6		ug/L		103	80 - 120
Chlorobromomethane	20.0	21.0		ug/L		105	77 - 127
Chloroethane	20.0	21.8		ug/L		109	52 - 150
Chloroform	20.0	20.0		ug/L		100	80 - 120
Chloromethane	20.0	30.4	*	ug/L		152	56 - 131
cis-1,2-Dichloroethene	20.0	19.9		ug/L		100	80 - 120
cis-1,3-Dichloropropene	20.0	21.9		ug/L		109	77 - 120
Ethylbenzene	20.0	20.5		ug/L		102	80 - 120
Methylene Chloride	20.0	19.2		ug/L		96	77 - 123
Styrene	20.0	21.0		ug/L		105	80 - 120
Tetrachloroethene	20.0	20.4		ug/L		102	78 - 122
Toluene	20.0	20.0		ug/L		100	80 - 120
trans-1,2-Dichloroethene	20.0	20.5		ug/L		103	79 - 120
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	76 - 120
Trichloroethene	20.0	20.1		ug/L		101	77 - 120
Vinyl chloride	20.0	22.4		ug/L		112	62 - 138
Xylenes, Total	40.0	42.2		ug/L		106	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		74 - 132
4-Bromofluorobenzene	103		77 - 124
Dibromofluoromethane (Surr)	102		72 - 131
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 460-171555-10 MS

Matrix: Water

Analysis Batch: 577330

Client Sample ID: FSMW-8A 12122018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.24	U	200	204		ug/L		102	75 - 125
1,1,2,2-Tetrachloroethane	0.37	U	200	200		ug/L		100	74 - 120
1,1,2-Trichloroethane	0.43	U	200	202		ug/L		101	78 - 120
1,1-Dichloroethane	0.26	U	200	196		ug/L		98	77 - 123
1,1-Dichloroethene	0.12	U	200	193		ug/L		96	74 - 123
1,2-Dichloroethane	0.43	U	200	198		ug/L		99	76 - 121
1,2-Dichloropropane	0.35	U	200	200		ug/L		100	77 - 123
2-Butanone (MEK)	1.9	U	1000	958		ug/L		96	64 - 120
2-Hexanone	2.9	U	1000	1130		ug/L		113	71 - 125
4-Methyl-2-pentanone (MIBK)	2.7	U	1000	1070		ug/L		107	78 - 124
Acetone	5.0	U	1000	1040		ug/L		104	39 - 150
Benzene	0.43	U	200	194		ug/L		97	77 - 121

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

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

Lab Sample ID: 460-171555-10 MS

Matrix: Water

Analysis Batch: 577330

Client Sample ID: FSMW-8A 12122018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	0.34	U	200	208		ug/L		104	76 - 120
Bromoform	0.54	U	200	206		ug/L		103	53 - 120
Bromomethane	1.0	U *	200	219		ug/L		110	10 - 150
Carbon disulfide	0.16	U	200	201		ug/L		101	69 - 133
Carbon tetrachloride	0.21	U	200	199		ug/L		100	70 - 132
Chlorobenzene	0.38	U	200	204		ug/L		102	80 - 120
Chlorobromomethane	0.41	U	200	210		ug/L		105	77 - 127
Chloroethane	0.32	U	200	204		ug/L		102	52 - 150
Chloroform	0.33	U	200	204		ug/L		102	80 - 120
Chloromethane	0.14	U F1 *	200	217		ug/L		108	56 - 131
cis-1,2-Dichloroethene	0.41	J	200	217		ug/L		108	80 - 120
cis-1,3-Dichloropropene	0.46	U	200	201		ug/L		100	77 - 120
Ethylbenzene	0.30	U	200	205		ug/L		103	80 - 120
Methylene Chloride	0.32	U	200	197		ug/L		98	77 - 123
Styrene	0.42	U	200	215		ug/L		107	80 - 120
Tetrachloroethene	8.3		200	221		ug/L		106	78 - 122
Toluene	0.38	U	200	197		ug/L		99	80 - 120
trans-1,2-Dichloroethene	0.24	U	200	200		ug/L		100	79 - 120
trans-1,3-Dichloropropene	0.49	U	200	201		ug/L		100	76 - 120
Trichloroethene	0.35	J	200	204		ug/L		102	77 - 120
Vinyl chloride	0.17	U	200	200		ug/L		100	62 - 138
Xylenes, Total	0.65	U	400	412		ug/L		103	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		74 - 132
4-Bromofluorobenzene	100		77 - 124
Dibromofluoromethane (Surr)	100		72 - 131
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 460-171555-10 MSD

Matrix: Water

Analysis Batch: 577330

Client Sample ID: FSMW-8A 12122018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	200	208		ug/L		104	75 - 125	2	30
1,1,2,2-Tetrachloroethane	0.37	U	200	210		ug/L		105	74 - 120	5	30
1,1,2-Trichloroethane	0.43	U	200	210		ug/L		105	78 - 120	4	30
1,1-Dichloroethane	0.26	U	200	203		ug/L		101	77 - 123	3	30
1,1-Dichloroethene	0.12	U	200	200		ug/L		100	74 - 123	4	30
1,2-Dichloroethane	0.43	U	200	197		ug/L		99	76 - 121	1	30
1,2-Dichloropropane	0.35	U	200	204		ug/L		102	77 - 123	2	30
2-Butanone (MEK)	1.9	U	1000	999		ug/L		100	64 - 120	4	30
2-Hexanone	2.9	U	1000	1160		ug/L		116	71 - 125	3	30
4-Methyl-2-pentanone (MIBK)	2.7	U	1000	1100		ug/L		110	78 - 124	2	30
Acetone	5.0	U	1000	1080		ug/L		108	39 - 150	4	30
Benzene	0.43	U	200	198		ug/L		99	77 - 121	2	30
Bromodichloromethane	0.34	U	200	211		ug/L		106	76 - 120	2	30
Bromoform	0.54	U	200	212		ug/L		106	53 - 120	3	30

TestAmerica Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

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

Lab Sample ID: 460-171555-10 MSD

Matrix: Water

Analysis Batch: 577330

Client Sample ID: FSMW-8A 12122018

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	1.0	U *	200	240		ug/L		120	10 - 150	9	30
Carbon disulfide	0.16	U	200	207		ug/L		104	69 - 133	3	30
Carbon tetrachloride	0.21	U	200	206		ug/L		103	70 - 132	4	30
Chlorobenzene	0.38	U	200	209		ug/L		105	80 - 120	3	30
Chlorobromomethane	0.41	U	200	218		ug/L		109	77 - 127	4	30
Chloroethane	0.32	U	200	206		ug/L		103	52 - 150	1	30
Chloroform	0.33	U	200	204		ug/L		102	80 - 120	0	30
Chloromethane	0.14	U F1 *	200	274	F1	ug/L		137	56 - 131	23	30
cis-1,2-Dichloroethene	0.41	J	200	223		ug/L		111	80 - 120	3	30
cis-1,3-Dichloropropene	0.46	U	200	209		ug/L		104	77 - 120	4	30
Ethylbenzene	0.30	U	200	210		ug/L		105	80 - 120	2	30
Methylene Chloride	0.32	U	200	202		ug/L		101	77 - 123	3	30
Styrene	0.42	U	200	221		ug/L		111	80 - 120	3	30
Tetrachloroethene	8.3		200	218		ug/L		105	78 - 122	2	30
Toluene	0.38	U	200	202		ug/L		101	80 - 120	2	30
trans-1,2-Dichloroethene	0.24	U	200	206		ug/L		103	79 - 120	3	30
trans-1,3-Dichloropropene	0.49	U	200	208		ug/L		104	76 - 120	4	30
Trichloroethene	0.35	J	200	208		ug/L		104	77 - 120	2	30
Vinyl chloride	0.17	U	200	204		ug/L		102	62 - 138	2	30
Xylenes, Total	0.65	U	400	432		ug/L		108	80 - 120	5	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	102		74 - 132								
4-Bromofluorobenzene	104		77 - 124								
Dibromofluoromethane (Surr)	104		72 - 131								
Toluene-d8 (Surr)	103		80 - 120								

Definitions/Glossary

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

GC/MS VOA

Analysis Batch: 576929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-171555-2	FSMW-2B 12112018	Total/NA	Water	8260C	
460-171555-3	FSMW-4A 12112018	Total/NA	Water	8260C	
460-171555-5	FB01 12112018	Total/NA	Water	8260C	
460-171555-7	FSMW-4B 12112018	Total/NA	Water	8260C	
460-171555-8	FSMW-1A 12122018	Total/NA	Water	8260C	
460-171555-9	EB02 12122018	Total/NA	Water	8260C	
460-171555-11	TB01 12112018	Total/NA	Water	8260C	
460-171555-13	FSMW-13A 12122018	Total/NA	Water	8260C	
460-171555-15	FSMW-14B 12122018	Total/NA	Water	8260C	
MB 460-576929/8	Method Blank	Total/NA	Water	8260C	
LCS 460-576929/5	Lab Control Sample	Total/NA	Water	8260C	
460-171555-2 MS	FSMW-2B 12112018	Total/NA	Water	8260C	
460-171555-2 MSD	FSMW-2B 12112018	Total/NA	Water	8260C	

Analysis Batch: 577330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-171555-1	FSMW-2A 12112018	Total/NA	Water	8260C	
460-171555-4	EB01 12112018	Total/NA	Water	8260C	
460-171555-6	DUP01 12112018	Total/NA	Water	8260C	
460-171555-10	FSMW-8A 12122018	Total/NA	Water	8260C	
460-171555-12	FB02 12122018	Total/NA	Water	8260C	
460-171555-14	FSMW-14A 12122018	Total/NA	Water	8260C	
MB 460-577330/18	Method Blank	Total/NA	Water	8260C	
LCS 460-577330/15	Lab Control Sample	Total/NA	Water	8260C	
460-171555-10 MS	FSMW-8A 12122018	Total/NA	Water	8260C	
460-171555-10 MSD	FSMW-8A 12122018	Total/NA	Water	8260C	

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-2A 12112018

Date Collected: 12/11/18 09:00

Date Received: 12/12/18 19:00

Lab Sample ID: 460-171555-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	577330	12/20/18 16:59	KLB	TAL EDI

Client Sample ID: FSMW-2B 12112018

Date Collected: 12/11/18 10:00

Date Received: 12/12/18 19:00

Lab Sample ID: 460-171555-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576929	12/19/18 02:09	VBP	TAL EDI

Client Sample ID: FSMW-4A 12112018

Date Collected: 12/11/18 11:45

Date Received: 12/12/18 19:00

Lab Sample ID: 460-171555-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576929	12/19/18 02:35	VBP	TAL EDI

Client Sample ID: EB01 12112018

Date Collected: 12/11/18 09:10

Date Received: 12/12/18 19:00

Lab Sample ID: 460-171555-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	577330	12/20/18 15:18	KLB	TAL EDI

Client Sample ID: FB01 12112018

Date Collected: 12/11/18 10:45

Date Received: 12/12/18 19:00

Lab Sample ID: 460-171555-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576929	12/19/18 00:28	VBP	TAL EDI

Client Sample ID: DUP01 12112018

Date Collected: 12/11/18 00:00

Date Received: 12/12/18 19:00

Lab Sample ID: 460-171555-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	577330	12/20/18 16:34	KLB	TAL EDI

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-4B 12112018

Lab Sample ID: 460-171555-7

Date Collected: 12/11/18 12:55

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576929	12/19/18 03:00	VBP	TAL EDI

Client Sample ID: FSMW-1A 12122018

Lab Sample ID: 460-171555-8

Date Collected: 12/12/18 09:10

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576929	12/19/18 03:26	VBP	TAL EDI

Client Sample ID: EB02 12122018

Lab Sample ID: 460-171555-9

Date Collected: 12/12/18 09:20

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576929	12/19/18 00:53	VBP	TAL EDI

Client Sample ID: FSMW-8A 12122018

Lab Sample ID: 460-171555-10

Date Collected: 12/12/18 10:25

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	577330	12/20/18 16:08	KLB	TAL EDI

Client Sample ID: TB01 12112018

Lab Sample ID: 460-171555-11

Date Collected: 12/11/18 08:00

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576929	12/19/18 01:19	VBP	TAL EDI

Client Sample ID: FB02 12122018

Lab Sample ID: 460-171555-12

Date Collected: 12/12/18 11:10

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	577330	12/20/18 15:43	KLB	TAL EDI

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Client Sample ID: FSMW-13A 12122018

Lab Sample ID: 460-171555-13

Date Collected: 12/12/18 11:50

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576929	12/19/18 04:16	VBP	TAL EDI

Client Sample ID: FSMW-14A 12122018

Lab Sample ID: 460-171555-14

Date Collected: 12/12/18 12:40

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	577330	12/20/18 17:24	KLB	TAL EDI

Client Sample ID: FSMW-14B 12122018

Lab Sample ID: 460-171555-15

Date Collected: 12/12/18 13:40

Matrix: Water

Date Received: 12/12/18 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	576929	12/19/18 05:07	VBP	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: EnSafe, Inc.
Project/Site: Frost Street

TestAmerica Job ID: 460-171555-1

Laboratory: TestAmerica Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-19

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FSMW-2A 12112018	460-171555-1	97	97	94	93
FSMW-2B 12112018	460-171555-2	113	118	114	98
FSMW-4A 12112018	460-171555-3	111	116	112	97
EB01 12112018	460-171555-4	97	97	95	95
FB01 12112018	460-171555-5	116	119	115	101
DUP01 12112018	460-171555-6	100	99	97	96
FSMW-4B 12112018	460-171555-7	114	117	117	101
FSMW-1A 12122018	460-171555-8	112	117	112	98
EB02 12122018	460-171555-9	113	117	116	99
FSMW-8A 12122018	460-171555-10	115	117	114	112
TB01 12112018	460-171555-11	117	120	113	95
FB02 12122018	460-171555-12	99	99	99	97
FSMW-13A 12122018	460-171555-13	112	120	114	98
FSMW-14A 12122018	460-171555-14	101	100	101	99
FSMW-14B 12122018	460-171555-15	115	122	115	98
	MB 460-576929/8	116	118	114	97
	MB 460-577330/18	99	99	98	98
	LCS 460-576929/5	114	117	113	101
	LCS 460-577330/15	102	99	101	103
FSMW-2B 12112018 MS	460-171555-2 MS	112	114	113	101
FSMW-8A 12122018 MS	460-171555-10 MS	100	99	98	100
FSMW-2B 12112018 MSD	460-171555-2 MSD	112	118	112	100
FSMW-8A 12122018 MSD	460-171555-10 MSD	104	102	103	104

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	72-131
DCA = 1,2-Dichloroethane-d4 (Surr)	74-132
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	77-124

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P54760.D
 Lab ID: LCS 460-576929/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.0	110	75-125	
1,1,2,2-Tetrachloroethane	20.0	21.7	109	74-120	
1,1,2-Trichloroethane	20.0	21.7	109	78-120	
1,1-Dichloroethane	20.0	20.0	100	77-123	
1,1-Dichloroethene	20.0	22.1	110	74-123	
1,2-Dichloroethane	20.0	20.3	101	76-121	
1,2-Dichloropropane	20.0	19.2	96	77-123	
2-Butanone (MEK)	100	130	130	64-120	*
2-Hexanone	100	109	109	71-125	
4-Methyl-2-pentanone (MIBK)	100	105	105	78-124	
Acetone	100	101	101	39-150	
Benzene	20.0	21.3	106	77-121	
Bromodichloromethane	20.0	21.9	109	76-120	
Bromoform	20.0	17.8	89	53-120	
Bromomethane	20.0	26.5	132	10-150	
Carbon disulfide	20.0	19.8	99	69-133	
Carbon tetrachloride	20.0	20.5	103	70-132	
Chlorobenzene	20.0	20.8	104	80-120	
Chlorobromomethane	20.0	21.4	107	77-127	
Chloroethane	20.0	18.8	94	52-150	
Chloroform	20.0	21.8	109	80-120	
Chloromethane	20.0	10.5	52	56-131	*
cis-1,2-Dichloroethene	20.0	21.2	106	80-120	
cis-1,3-Dichloropropene	20.0	20.1	100	77-120	
Ethylbenzene	20.0	19.6	98	80-120	
Methylene Chloride	20.0	22.0	110	77-123	
Styrene	20.0	21.2	106	80-120	
Tetrachloroethene	20.0	18.9	94	78-122	
Toluene	20.0	21.5	108	80-120	
trans-1,2-Dichloroethene	20.0	21.3	106	79-120	
trans-1,3-Dichloropropene	20.0	21.1	105	76-120	
Trichloroethene	20.0	20.7	104	77-120	
Vinyl chloride	20.0	16.4	82	62-138	
Xylenes, Total	40.0	39.7	99	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P54832.D
 Lab ID: LCS 460-577330/15 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.8	104	75-125	
1,1,2,2-Tetrachloroethane	20.0	19.1	96	74-120	
1,1,2-Trichloroethane	20.0	20.6	103	78-120	
1,1-Dichloroethane	20.0	19.7	98	77-123	
1,1-Dichloroethene	20.0	19.8	99	74-123	
1,2-Dichloroethane	20.0	19.3	96	76-121	
1,2-Dichloropropane	20.0	20.4	102	77-123	
2-Butanone (MEK)	100	101	101	64-120	
2-Hexanone	100	114	114	71-125	
4-Methyl-2-pentanone (MIBK)	100	106	106	78-124	
Acetone	100	113	113	39-150	
Benzene	20.0	19.8	99	77-121	
Bromodichloromethane	20.0	20.9	104	76-120	
Bromoform	20.0	20.6	103	53-120	
Bromomethane	20.0	30.9	154	10-150	*
Carbon disulfide	20.0	20.6	103	69-133	
Carbon tetrachloride	20.0	20.3	102	70-132	
Chlorobenzene	20.0	20.6	103	80-120	
Chlorobromomethane	20.0	21.0	105	77-127	
Chloroethane	20.0	21.8	109	52-150	
Chloroform	20.0	20.0	100	80-120	
Chloromethane	20.0	30.4	152	56-131	*
cis-1,2-Dichloroethene	20.0	19.9	100	80-120	
cis-1,3-Dichloropropene	20.0	21.9	109	77-120	
Ethylbenzene	20.0	20.5	102	80-120	
Methylene Chloride	20.0	19.2	96	77-123	
Styrene	20.0	21.0	105	80-120	
Tetrachloroethene	20.0	20.4	102	78-122	
Toluene	20.0	20.0	100	80-120	
trans-1,2-Dichloroethene	20.0	20.5	103	79-120	
trans-1,3-Dichloropropene	20.0	21.0	105	76-120	
Trichloroethene	20.0	20.1	101	77-120	
Vinyl chloride	20.0	22.4	112	62-138	
Xylenes, Total	40.0	42.2	106	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P54779.D
 Lab ID: 460-171555-2 MS Client ID: FSMW-2B 12112018 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	22.2	111	75-125	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	23.6	118	74-120	
1,1,2-Trichloroethane	20.0	0.43 U	22.5	112	78-120	
1,1-Dichloroethane	20.0	0.26 U	21.0	105	77-123	
1,1-Dichloroethene	20.0	0.12 U	22.4	112	74-123	
1,2-Dichloroethane	20.0	0.43 U	20.7	104	76-121	
1,2-Dichloropropane	20.0	0.35 U	20.2	101	77-123	
2-Butanone (MEK)	100	1.9 U	120	120	64-120	
2-Hexanone	100	2.9 U	107	107	71-125	
4-Methyl-2-pentanone (MIBK)	100	2.7 U	103	103	78-124	
Acetone	100	5.0 U	89.9	90	39-150	
Benzene	20.0	0.43 U	21.6	108	77-121	
Bromodichloromethane	20.0	0.34 U	22.4	112	76-120	
Bromoform	20.0	0.54 U	18.1	90	53-120	
Bromomethane	20.0	1.0 U	19.7	98	10-150	
Carbon disulfide	20.0	0.16 U	19.0	95	69-133	
Carbon tetrachloride	20.0	0.21 U	20.7	103	70-132	
Chlorobenzene	20.0	0.38 U	21.1	105	80-120	
Chlorobromomethane	20.0	0.41 U	21.5	108	77-127	
Chloroethane	20.0	0.32 U	19.9	99	52-150	
Chloroform	20.0	0.33 U	22.9	115	80-120	
Chloromethane	20.0	0.14 U	13.5	68	56-131	
cis-1,2-Dichloroethene	20.0	0.22 U	21.7	108	80-120	
cis-1,3-Dichloropropene	20.0	0.46 U	19.6	98	77-120	
Ethylbenzene	20.0	0.30 U	19.6	98	80-120	
Methylene Chloride	20.0	0.32 U	22.6	113	77-123	
Styrene	20.0	0.42 U	20.9	105	80-120	
Tetrachloroethene	20.0	0.86 U	19.9	95	78-122	
Toluene	20.0	0.38 U	22.0	110	80-120	
trans-1,2-Dichloroethene	20.0	0.24 U	22.2	111	79-120	
trans-1,3-Dichloropropene	20.0	0.49 U	20.4	102	76-120	
Trichloroethene	20.0	0.31 U	20.8	104	77-120	
Vinyl chloride	20.0	0.17 U	17.5	88	62-138	
Xylenes, Total	40.0	0.65 U	40.0	100	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P54842.D
 Lab ID: 460-171555-10 MS Client ID: FSMW-8A 12122018 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	0.24 U	204	102	75-125	
1,1,2,2-Tetrachloroethane	200	0.37 U	200	100	74-120	
1,1,2-Trichloroethane	200	0.43 U	202	101	78-120	
1,1-Dichloroethane	200	0.26 U	196	98	77-123	
1,1-Dichloroethene	200	0.12 U	193	96	74-123	
1,2-Dichloroethane	200	0.43 U	198	99	76-121	
1,2-Dichloropropane	200	0.35 U	200	100	77-123	
2-Butanone (MEK)	1000	1.9 U	958	96	64-120	
2-Hexanone	1000	2.9 U	1130	113	71-125	
4-Methyl-2-pentanone (MIBK)	1000	2.7 U	1070	107	78-124	
Acetone	1000	5.0 U	1040	104	39-150	
Benzene	200	0.43 U	194	97	77-121	
Bromodichloromethane	200	0.34 U	208	104	76-120	
Bromoform	200	0.54 U	206	103	53-120	
Bromomethane	200	1.0 U	219	110	10-150	
Carbon disulfide	200	0.16 U	201	101	69-133	
Carbon tetrachloride	200	0.21 U	199	100	70-132	
Chlorobenzene	200	0.38 U	204	102	80-120	
Chlorobromomethane	200	0.41 U	210	105	77-127	
Chloroethane	200	0.32 U	204	102	52-150	
Chloroform	200	0.33 U	204	102	80-120	
Chloromethane	200	0.14 U	217	108	56-131	
cis-1,2-Dichloroethene	200	0.41 U	217	108	80-120	
cis-1,3-Dichloropropene	200	0.46 U	201	100	77-120	
Ethylbenzene	200	0.30 U	205	103	80-120	
Methylene Chloride	200	0.32 U	197	98	77-123	
Styrene	200	0.42 U	215	107	80-120	
Tetrachloroethene	200	8.3	221	106	78-122	
Toluene	200	0.38 U	197	99	80-120	
trans-1,2-Dichloroethene	200	0.24 U	200	100	79-120	
trans-1,3-Dichloropropene	200	0.49 U	201	100	76-120	
Trichloroethene	200	0.35 U	204	102	77-120	
Vinyl chloride	200	0.17 U	200	100	62-138	
Xylenes, Total	400	0.65 U	412	103	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P54780.D
 Lab ID: 460-171555-2 MSD Client ID: FSMW-2B 12112018 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	23.1	116	4	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	22.8	114	3	30	74-120	
1,1,2-Trichloroethane	20.0	22.5	112	0	30	78-120	
1,1-Dichloroethane	20.0	21.5	108	2	30	77-123	
1,1-Dichloroethene	20.0	23.7	119	6	30	74-123	
1,2-Dichloroethane	20.0	21.2	106	2	30	76-121	
1,2-Dichloropropane	20.0	20.9	105	3	30	77-123	
2-Butanone (MEK)	100	122	122	1	30	64-120	F1
2-Hexanone	100	108	108	1	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	105	105	1	30	78-124	
Acetone	100	89.2	89	1	30	39-150	
Benzene	20.0	22.4	112	4	30	77-121	
Bromodichloromethane	20.0	23.0	115	3	30	76-120	
Bromoform	20.0	17.6	88	3	30	53-120	
Bromomethane	20.0	23.0	115	16	30	10-150	
Carbon disulfide	20.0	20.2	101	6	30	69-133	
Carbon tetrachloride	20.0	21.8	109	5	30	70-132	
Chlorobenzene	20.0	21.5	107	2	30	80-120	
Chlorobromomethane	20.0	21.7	109	1	30	77-127	
Chloroethane	20.0	20.5	102	3	30	52-150	
Chloroform	20.0	23.0	115	0	30	80-120	
Chloromethane	20.0	14.7	73	8	30	56-131	
cis-1,2-Dichloroethene	20.0	22.1	111	2	30	80-120	
cis-1,3-Dichloropropene	20.0	20.6	103	5	30	77-120	
Ethylbenzene	20.0	20.7	103	5	30	80-120	
Methylene Chloride	20.0	22.9	114	1	30	77-123	
Styrene	20.0	21.6	108	3	30	80-120	
Tetrachloroethene	20.0	20.5	98	3	30	78-122	
Toluene	20.0	22.7	114	3	30	80-120	
trans-1,2-Dichloroethene	20.0	22.3	111	0	30	79-120	
trans-1,3-Dichloropropene	20.0	21.2	106	4	30	76-120	
Trichloroethene	20.0	21.6	108	4	30	77-120	
Vinyl chloride	20.0	18.1	90	3	30	62-138	
Xylenes, Total	40.0	41.6	104	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P54843.D
 Lab ID: 460-171555-10 MSD Client ID: FSMW-8A 12122018 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	208	104	2	30	75-125	
1,1,2,2-Tetrachloroethane	200	210	105	5	30	74-120	
1,1,2-Trichloroethane	200	210	105	4	30	78-120	
1,1-Dichloroethane	200	203	101	3	30	77-123	
1,1-Dichloroethene	200	200	100	4	30	74-123	
1,2-Dichloroethane	200	197	99	1	30	76-121	
1,2-Dichloropropane	200	204	102	2	30	77-123	
2-Butanone (MEK)	1000	999	100	4	30	64-120	
2-Hexanone	1000	1160	116	3	30	71-125	
4-Methyl-2-pentanone (MIBK)	1000	1100	110	2	30	78-124	
Acetone	1000	1080	108	4	30	39-150	
Benzene	200	198	99	2	30	77-121	
Bromodichloromethane	200	211	106	2	30	76-120	
Bromoform	200	212	106	3	30	53-120	
Bromomethane	200	240	120	9	30	10-150	
Carbon disulfide	200	207	104	3	30	69-133	
Carbon tetrachloride	200	206	103	4	30	70-132	
Chlorobenzene	200	209	105	3	30	80-120	
Chlorobromomethane	200	218	109	4	30	77-127	
Chloroethane	200	206	103	1	30	52-150	
Chloroform	200	204	102	0	30	80-120	
Chloromethane	200	274	137	23	30	56-131	F1
cis-1,2-Dichloroethene	200	223	111	3	30	80-120	
cis-1,3-Dichloropropene	200	209	104	4	30	77-120	
Ethylbenzene	200	210	105	2	30	80-120	
Methylene Chloride	200	202	101	3	30	77-123	
Styrene	200	221	111	3	30	80-120	
Tetrachloroethene	200	218	105	2	30	78-122	
Toluene	200	202	101	2	30	80-120	
trans-1,2-Dichloroethene	200	206	103	3	30	79-120	
trans-1,3-Dichloropropene	200	208	104	4	30	76-120	
Trichloroethene	200	208	104	2	30	77-120	
Vinyl chloride	200	204	102	2	30	62-138	
Xylenes, Total	400	432	108	5	30	80-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Lab File ID: P54763.D Lab Sample ID: MB 460-576929/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS13 Date Analyzed: 12/18/2018 23:37
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-576929/5	P54760.D	12/18/2018 22:21
FB01 12112018	460-171555-5	P54765.D	12/19/2018 00:28
EB02 12122018	460-171555-9	P54766.D	12/19/2018 00:53
TB01 12112018	460-171555-11	P54767.D	12/19/2018 01:19
FSMW-2B 12112018	460-171555-2	P54769.D	12/19/2018 02:09
FSMW-4A 12112018	460-171555-3	P54770.D	12/19/2018 02:35
FSMW-4B 12112018	460-171555-7	P54771.D	12/19/2018 03:00
FSMW-1A 12122018	460-171555-8	P54772.D	12/19/2018 03:26
FSMW-13A 12122018	460-171555-13	P54774.D	12/19/2018 04:16
FSMW-14B 12122018	460-171555-15	P54776.D	12/19/2018 05:07
FSMW-2B 12112018 MS	460-171555-2 MS	P54779.D	12/19/2018 06:23
FSMW-2B 12112018 MSD	460-171555-2 MSD	P54780.D	12/19/2018 06:49

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Lab File ID: P54835.D Lab Sample ID: MB 460-577330/18
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS13 Date Analyzed: 12/20/2018 14:52
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-577330/15	P54832.D	12/20/2018 13:36
EB01 12112018	460-171555-4	P54836.D	12/20/2018 15:18
FB02 12122018	460-171555-12	P54837.D	12/20/2018 15:43
FSMW-8A 12122018	460-171555-10	P54838.D	12/20/2018 16:08
DUP01 12112018	460-171555-6	P54839.D	12/20/2018 16:34
FSMW-2A 12112018	460-171555-1	P54840.D	12/20/2018 16:59
FSMW-14A 12122018	460-171555-14	P54841.D	12/20/2018 17:24
FSMW-8A 12122018 MS	460-171555-10 MS	P54842.D	12/20/2018 17:49
FSMW-8A 12122018 MSD	460-171555-10 MSD	P54843.D	12/20/2018 18:14

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Lab File ID: P54131.D BFB Injection Date: 12/05/2018
 Instrument ID: CVOAMS13 BFB Injection Time: 14:08
 Analysis Batch No.: 573313

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.4	
75	30.0 - 60.0 % of mass 95	49.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	85.1	
175	5.0 - 9.0 % of mass 174	7.1	(8.3) 1
176	95.0 - 101.0 % of mass 174	81.9	(96.3) 1
177	5.0 - 9.0 % of mass 176	5.0	(6.1) 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
	STD8 460-573313/3	P54133.D	12/05/2018	14:47
	STD05 460-573313/4	P54134.D	12/05/2018	15:12
	STD1 460-573313/5	P54135.D	12/05/2018	15:38
	STD5 460-573313/6	P54136.D	12/05/2018	16:03
	STD20 460-573313/7	P54137.D	12/05/2018	16:28
	STD50 460-573313/8	P54138.D	12/05/2018	16:54
	STD200 460-573313/9	P54139.D	12/05/2018	17:19
	STD500 460-573313/10	P54140.D	12/05/2018	17:44

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Lab File ID: P54756.D BFB Injection Date: 12/18/2018
Instrument ID: CVOAMS13 BFB Injection Time: 20:30
Analysis Batch No.: 576929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.4
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	7.3
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	75.4
175	5.0 - 9.0 % of mass 174	4.3 (5.6) 1
176	95.0 - 101.0 % of mass 174	73.6 (97.6) 1
177	5.0 - 9.0 % of mass 176	5.4 (7.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-576929/3	P54758.D	12/18/2018	21:19
	LCS 460-576929/5	P54760.D	12/18/2018	22:21
	MB 460-576929/8	P54763.D	12/18/2018	23:37
FB01 12112018	460-171555-5	P54765.D	12/19/2018	00:28
EB02 12122018	460-171555-9	P54766.D	12/19/2018	00:53
TB01 12112018	460-171555-11	P54767.D	12/19/2018	01:19
FSMW-2B 12112018	460-171555-2	P54769.D	12/19/2018	02:09
FSMW-4A 12112018	460-171555-3	P54770.D	12/19/2018	02:35
FSMW-4B 12112018	460-171555-7	P54771.D	12/19/2018	03:00
FSMW-1A 12122018	460-171555-8	P54772.D	12/19/2018	03:26
FSMW-13A 12122018	460-171555-13	P54774.D	12/19/2018	04:16
FSMW-14B 12122018	460-171555-15	P54776.D	12/19/2018	05:07
FSMW-2B 12112018 MS	460-171555-2 MS	P54779.D	12/19/2018	06:23
FSMW-2B 12112018 MSD	460-171555-2 MSD	P54780.D	12/19/2018	06:49

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Lab File ID: P54818.D BFB Injection Date: 12/20/2018
Instrument ID: CVOAMS13 BFB Injection Time: 06:21
Analysis Batch No.: 577330

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.1
75	30.0 - 60.0 % of mass 95	53.2
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	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	77.4
175	5.0 - 9.0 % of mass 174	6.4 (8.3) 1
176	95.0 - 101.0 % of mass 174	75.7 (97.9) 1
177	5.0 - 9.0 % of mass 176	4.6 (6.1) 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
	STD8 460-577330/3	P54820.D	12/20/2018	07:12
	STD05 460-577330/4	P54821.D	12/20/2018	07:37
	STD1 460-577330/5	P54822.D	12/20/2018	08:03
	STD5 460-577330/6	P54823.D	12/20/2018	08:28
	STD20 460-577330/7	P54824.D	12/20/2018	08:53
	STD50 460-577330/8	P54825.D	12/20/2018	09:19
	STD200 460-577330/9	P54826.D	12/20/2018	09:44
	STD500 460-577330/10	P54827.D	12/20/2018	10:10
	ICV 460-577330/14	P54831.D	12/20/2018	13:11
	LCS 460-577330/15	P54832.D	12/20/2018	13:36
	MB 460-577330/18	P54835.D	12/20/2018	14:52
EB01 12112018	460-171555-4	P54836.D	12/20/2018	15:18
FB02 12122018	460-171555-12	P54837.D	12/20/2018	15:43
FSMW-8A 12122018	460-171555-10	P54838.D	12/20/2018	16:08
DUP01 12112018	460-171555-6	P54839.D	12/20/2018	16:34
FSMW-2A 12112018	460-171555-1	P54840.D	12/20/2018	16:59
FSMW-14A 12122018	460-171555-14	P54841.D	12/20/2018	17:24
FSMW-8A 12122018 MS	460-171555-10 MS	P54842.D	12/20/2018	17:49
FSMW-8A 12122018 MSD	460-171555-10 MSD	P54843.D	12/20/2018	18:14

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1
 SDG No.: _____
 Sample No.: CCVIS 460-576929/3 Date Analyzed: 12/18/2018 21:19
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P54758.D Heated Purge: (Y/N) N
 Calibration ID: 72297

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		185828	2.02	194262	3.03	475676	3.61
UPPER LIMIT		371656	2.52	388524	3.53	951352	4.11
LOWER LIMIT		92914	1.52	97131	2.53	237838	3.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-576929/5		184424	2.01	198227	3.03	486713	3.61
MB 460-576929/8		206797	2.02	205486	3.03	466478	3.61
460-171555-5	FB01 12112018	199077	2.02	203624	3.03	466460	3.61
460-171555-9	EB02 12122018	204377	2.02	205272	3.03	466433	3.61
460-171555-11	TB01 12112018	195665	2.02	201503	3.03	464992	3.61
460-171555-2	FSMW-2B 12112018	213994	2.02	212719	3.03	469725	3.61
460-171555-3	FSMW-4A 12112018	218244	2.02	215129	3.03	478751	3.61
460-171555-7	FSMW-4B 12112018	214890	2.02	211713	3.03	463618	3.61
460-171555-8	FSMW-1A 12122018	223147	2.02	221110	3.03	475233	3.61
460-171555-13	FSMW-13A 12122018	222509	2.02	214114	3.03	469493	3.61
460-171555-15	FSMW-14B 12122018	200238	2.02	204139	3.03	467747	3.61
460-171555-2 MS	FSMW-2B 12112018 MS	222706	2.02	225557	3.03	489368	3.61
460-171555-2 MSD	FSMW-2B 12112018 MSD	211518	2.02	221760	3.03	502812	3.61

TBAd9 = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

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 Edison Job No.: 460-171555-1
 SDG No.: _____
 Sample No.: CCVIS 460-576929/3 Date Analyzed: 12/18/2018 21:19
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P54758.D Heated Purge: (Y/N) N
 Calibration ID: 72297

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	24358	4.48	404627	7.01	226882	10.53	
UPPER LIMIT	48716	4.98	809254	7.51	453764	11.03	
LOWER LIMIT	12179	3.98	202314	6.51	113441	10.03	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-576929/5		24267	4.49	415030	7.01	232778	10.54
MB 460-576929/8		25877	4.49	399682	7.01	210750	10.54
460-171555-5	FB01 12112018	24969	4.48	392021	7.01	209438	10.54
460-171555-9	EB02 12122018	25343	4.48	390288	7.01	212250	10.53
460-171555-11	TB01 12112018	22693	4.49	401627	7.01	214062	10.54
460-171555-2	FSMW-2B 12112018	24780	4.49	396971	7.01	212038	10.54
460-171555-3	FSMW-4A 12112018	25621	4.50	402471	7.01	216205	10.54
460-171555-7	FSMW-4B 12112018	26014	4.49	385934	7.01	205356	10.54
460-171555-8	FSMW-1A 12122018	24154	4.49	402946	7.01	215544	10.54
460-171555-13	FSMW-13A 12122018	24200	4.49	399926	7.01	216352	10.54
460-171555-15	FSMW-14B 12122018	23037	4.50	394851	7.01	210991	10.54
460-171555-2 MS	FSMW-2B 12112018 MS	26156	4.48	417973	7.01	234454	10.53
460-171555-2 MSD	FSMW-2B 12112018 MSD	25160	4.48	425214	7.01	236180	10.53

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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 Edison Job No.: 460-171555-1
 SDG No.: _____
 Sample No.: STD20 460-577330/7 Date Analyzed: 12/20/2018 08:53
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P54824.D Heated Purge: (Y/N) N
 Calibration ID: 72574

	TBAd9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	235333	2.02	246047	3.03	466377	3.61
UPPER LIMIT	470666	2.52	492094	3.53	932754	4.11
LOWER LIMIT	117667	1.52	123024	2.53	233189	3.11
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-577330/14		216342	2.02	234166	3.03	479471 3.61
LCS 460-577330/15		201973	2.02	219016	3.03	467168 3.61
MB 460-577330/18		228227	2.01	229284	3.03	441827 3.61
460-171555-4	EB01 12112018	216300	2.01	223868	3.03	449648 3.61
460-171555-12	FB02 12122018	220513	2.01	224191	3.03	444622 3.61
460-171555-10	FSMW-8A 12122018	189464	2.01	193755	3.03	376308 3.61
460-171555-6	DUP01 12112018	215904	2.01	222043	3.03	440936 3.61
460-171555-1	FSMW-2A 12112018	208888	2.01	218934	3.03	440267 3.61
460-171555-14	FSMW-14A 12122018	212418	2.01	216101	3.03	428215 3.61
460-171555-10 MS	FSMW-8A 12122018 MS	212672	2.02	227296	3.03	443833 3.61
460-171555-10 MSD	FSMW-8A 12122018 MSD	215668	2.02	226537	3.03	442982 3.61

TBAd9 = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

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 Edison Job No.: 460-171555-1
 SDG No.: _____
 Sample No.: STD20 460-577330/7 Date Analyzed: 12/20/2018 08:53
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P54824.D Heated Purge: (Y/N) N
 Calibration ID: 72574

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	23880	4.49	413104	7.01	234769	10.54	
UPPER LIMIT	47760	4.99	826208	7.51	469538	11.04	
LOWER LIMIT	11940	3.99	206552	6.51	117385	10.04	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-577330/14		25065	4.49	422267	7.01	242166	10.53
LCS 460-577330/15		21833	4.49	407661	7.01	232598	10.54
MB 460-577330/18		25015	4.49	394641	7.01	220651	10.54
460-171555-4	EB01 12112018	23737	4.49	400548	7.01	219493	10.54
460-171555-12	FB02 12122018	25270	4.50	395691	7.01	217900	10.54
460-171555-10	FSMW-8A 12122018	19618	4.49	334301	7.01	183719	10.54
460-171555-6	DUP01 12112018	23920	4.49	392852	7.01	213809	10.54
460-171555-1	FSMW-2A 12112018	23516	4.49	399159	7.01	219540	10.54
460-171555-14	FSMW-14A 12122018	20918	4.49	386252	7.01	213550	10.54
460-171555-10 MS	FSMW-8A 12122018 MS	24589	4.49	399504	7.01	228427	10.54
460-171555-10 MSD	FSMW-8A 12122018 MSD	24175	4.49	396924	7.01	226035	10.54

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-2A 12112018</u>	Lab Sample ID: <u>460-171555-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54840.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 09:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>12/20/2018 16:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>577330</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	28		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	340		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.31	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	17		1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-2A 12112018 Lab Sample ID: 460-171555-1
Matrix: Water Lab File ID: P54840.D
Analysis Method: 8260C Date Collected: 12/11/2018 09:00
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 16:59
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	94		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54840.D
 Lims ID: 460-171555-B-1
 Client ID: FSMW-2A 12112018
 Sample Type: Client
 Inject. Date: 20-Dec-2018 16:59:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-B-1
 Misc. Info.: 460-0083907-023
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Jan-2019 09:19:25 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: smithra

Date: 20-Dec-2018 21:04:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	88	1121	0.3123	
* 29 TBA-d9 (IS)	65	2.009	2.017	-0.008	0	208888	1000.0	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	101832	27.9	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	96	109343	48.4	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	218934	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	139447	48.7	
* 62 Fluorobenzene	96	3.614	3.607	0.007	98	440267	50.0	
65 Trichloroethene	130	3.757	3.757	0.000	97	61522	16.8	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	23516	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	463988	47.0	
82 Tetrachloroethene	166	5.620	5.620	0.000	96	1241472	340.2	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	399159	50.0	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	90	146590	46.5	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	97	219540	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54840.D

Injection Date: 20-Dec-2018 16:59:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-B-1

Lab Sample ID: 460-171555-1

Worklist Smp#: 23

Client ID: FSMW-2A 12112018

Purge Vol: 5.000 mL

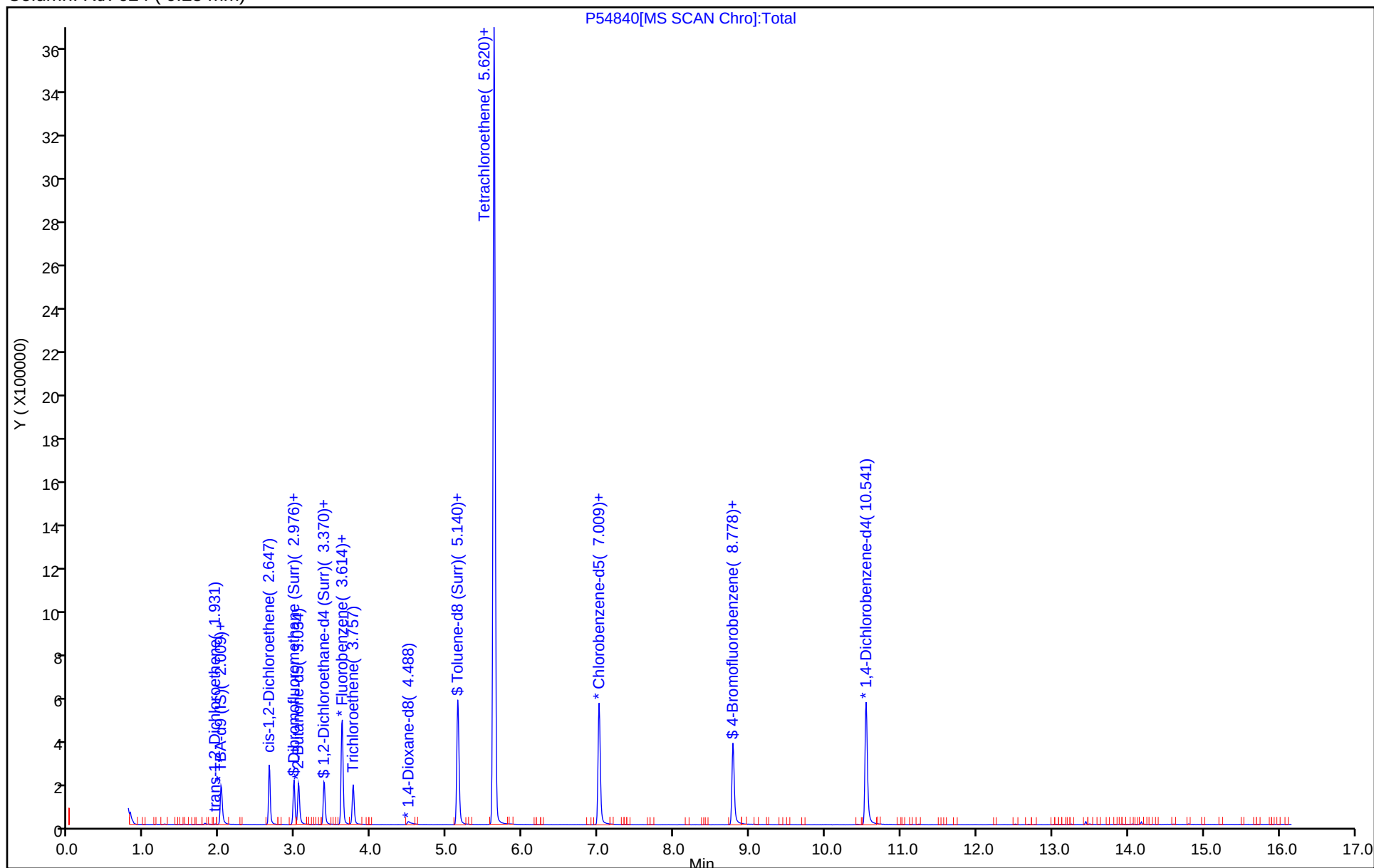
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54840.D

Injection Date: 20-Dec-2018 16:59:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-1

Lab Sample ID: 460-171555-1

Client ID: FSMW-2A 12112018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

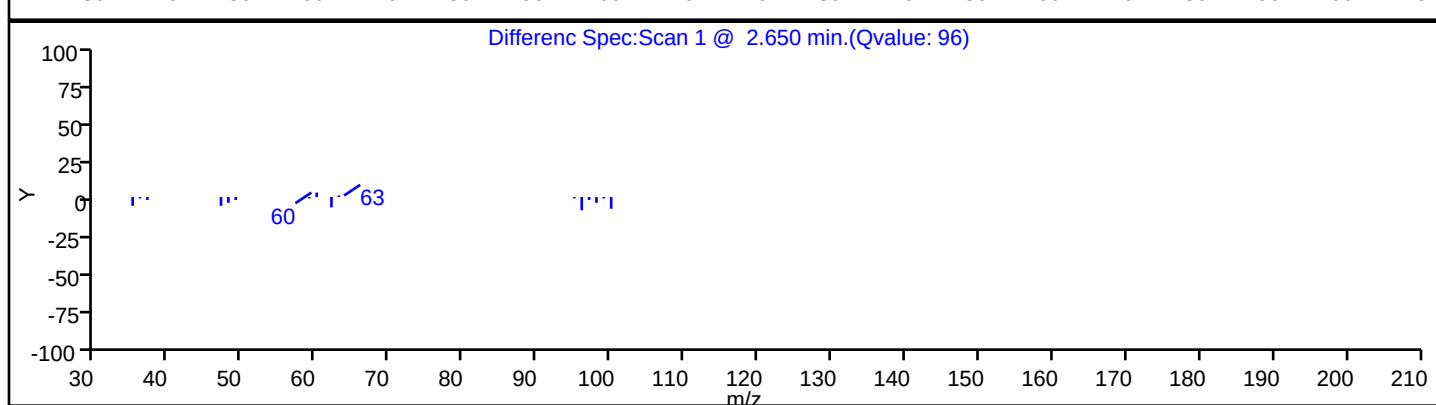
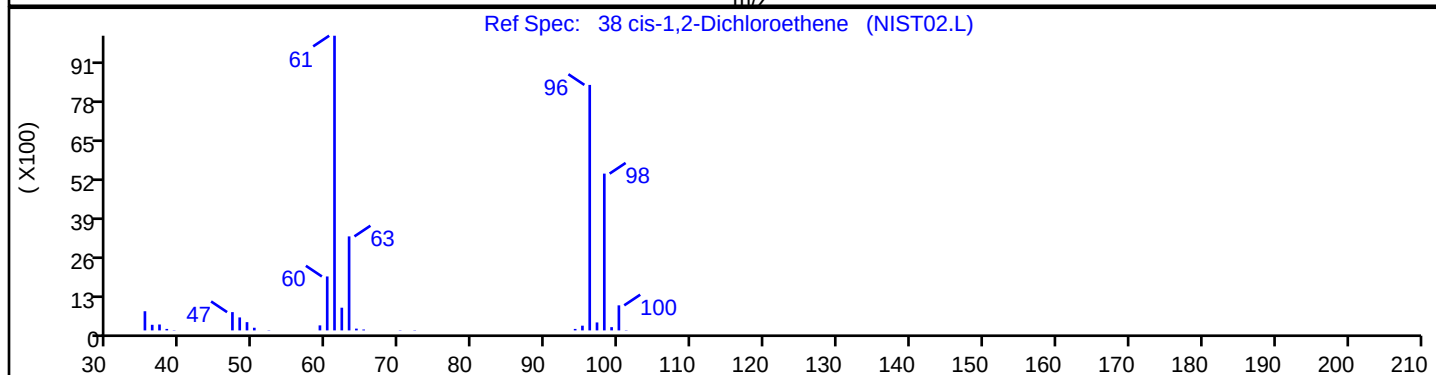
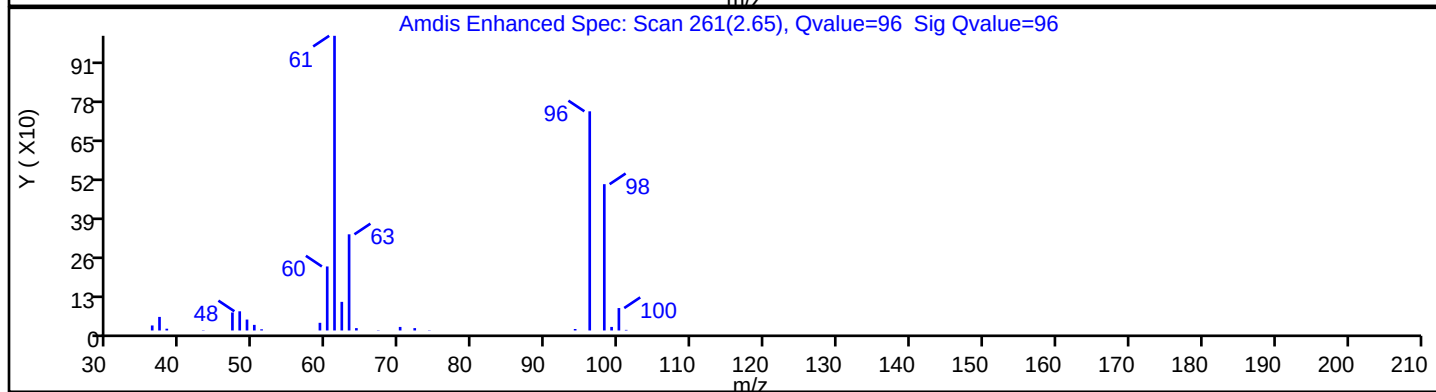
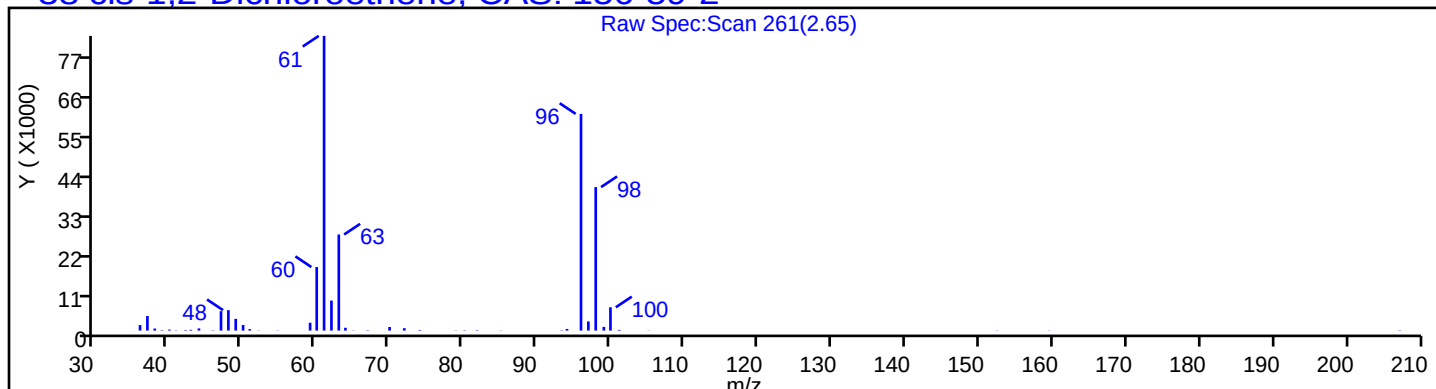
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54840.D

Injection Date: 20-Dec-2018 16:59:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-1

Lab Sample ID: 460-171555-1

Client ID: FSMW-2A 12112018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

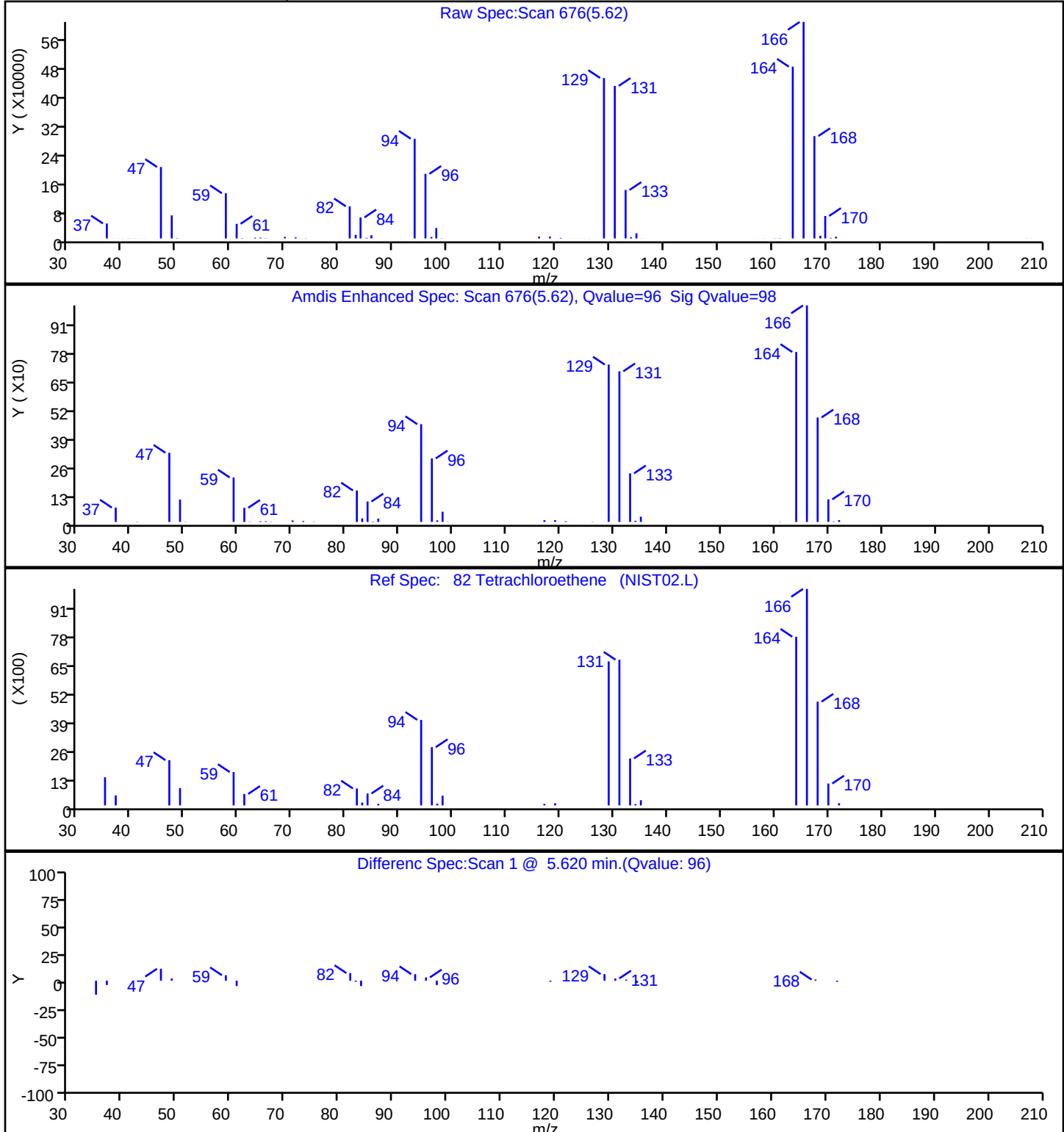
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54840.D

Injection Date: 20-Dec-2018 16:59:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-1

Lab Sample ID: 460-171555-1

Client ID: FSMW-2A 12112018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

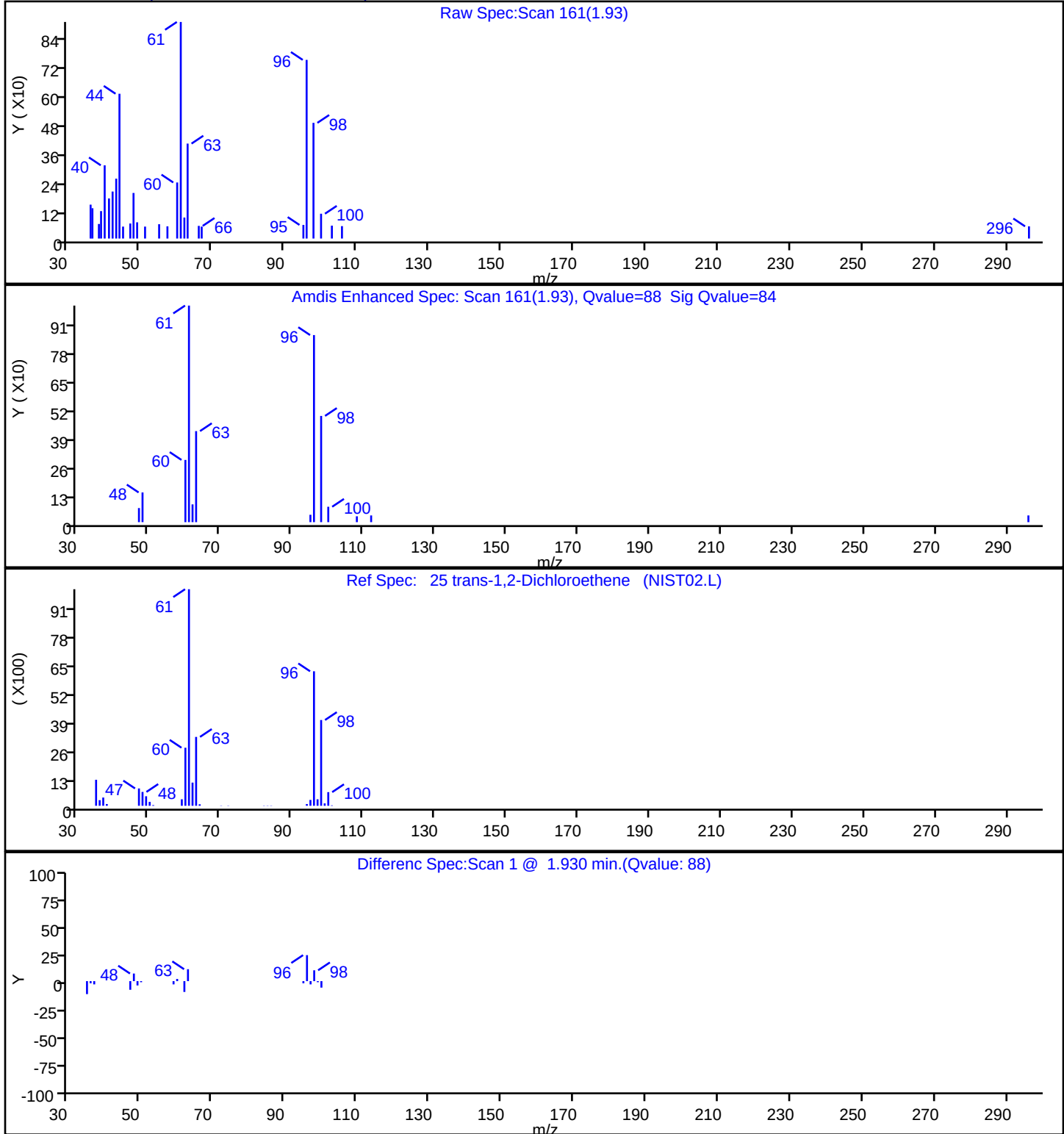
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 trans-1,2-Dichloroethene, CAS: 156-60-5

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54840.D

Injection Date: 20-Dec-2018 16:59:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-1

Lab Sample ID: 460-171555-1

Client ID: FSMW-2A 12112018

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

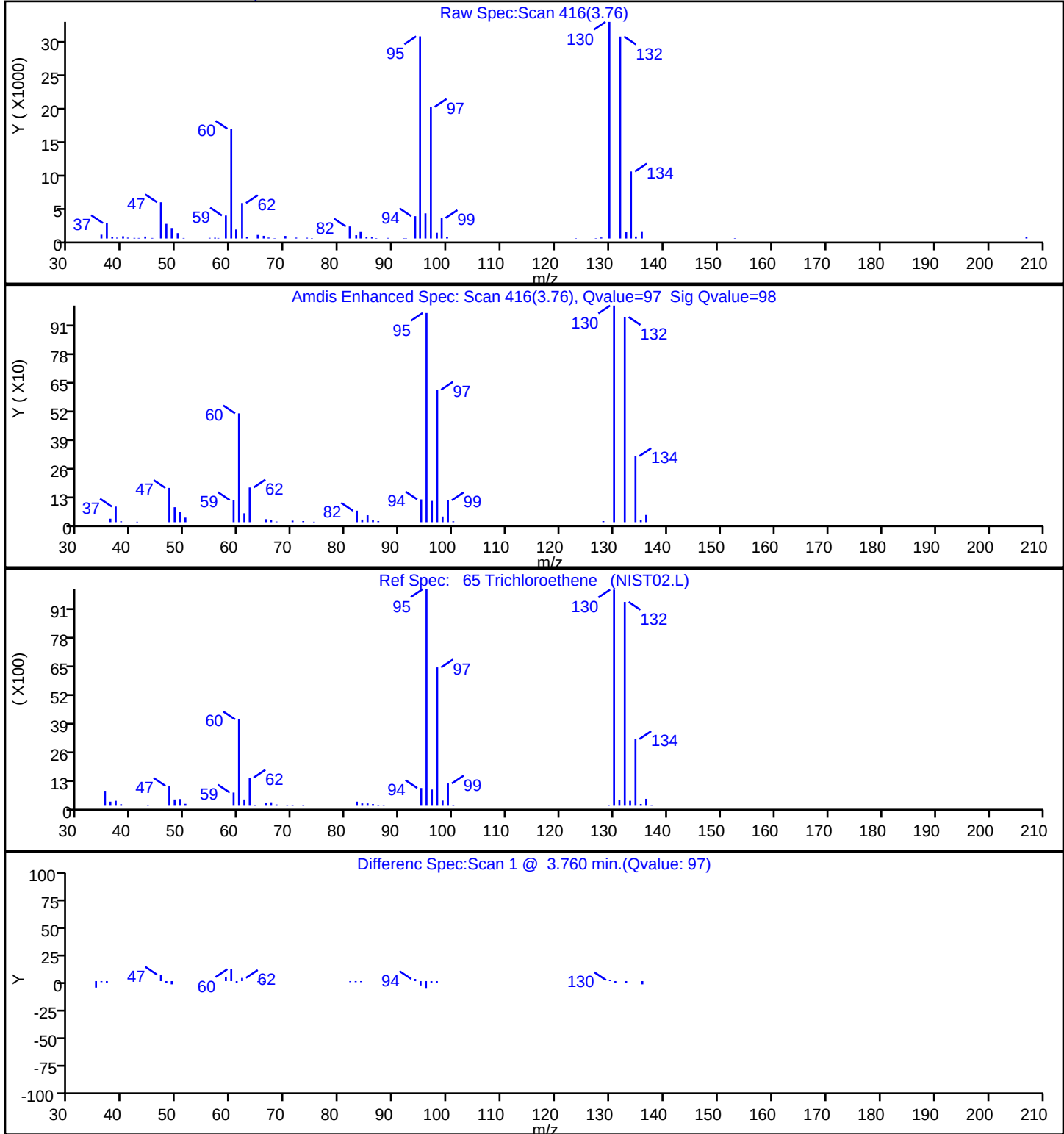
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-2B 12112018</u>	Lab Sample ID: <u>460-171555-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54769.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 10:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/19/2018 02:09</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U F1 *	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.86	J	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-2B 12112018 Lab Sample ID: 460-171555-2
Matrix: Water Lab File ID: P54769.D
Analysis Method: 8260C Date Collected: 12/11/2018 10:00
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 02:09
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	113		72-131
2037-26-5	Toluene-d8 (Surr)	114		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54769.D
 Lims ID: 460-171555-A-2
 Client ID: FSMW-2B 12112018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 02:09:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-2
 Misc. Info.: 460-0083832-014
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: xuyvo

Date: 20-Dec-2018 19:12:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Isopropyl alcohol	45	1.802	1.802	0.000	93	1625	8.33	
24 Acetone	43	1.866	1.859	0.007	84	1085	1.39	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	213994	1000.0	
30 2-Methyl-2-propanol	59	2.067	2.060	0.007	6	602	1.93	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.969	0.007	95	118233	56.6	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	212719	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	141373	58.9	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	469725	50.0	
* 72 1,4-Dioxane-d8	96	4.488	4.481	0.007	0	24780	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	481793	56.9	
82 Tetrachloroethene	166	5.627	5.620	0.007	94	2923	0.8627	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	396971	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	86	136067	48.8	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	96	212038	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54769.D

Injection Date: 19-Dec-2018 02:09:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-2

Lab Sample ID: 460-171555-2

Worklist Smp#: 14

Client ID: FSMW-2B 12112018

Purge Vol: 5.000 mL

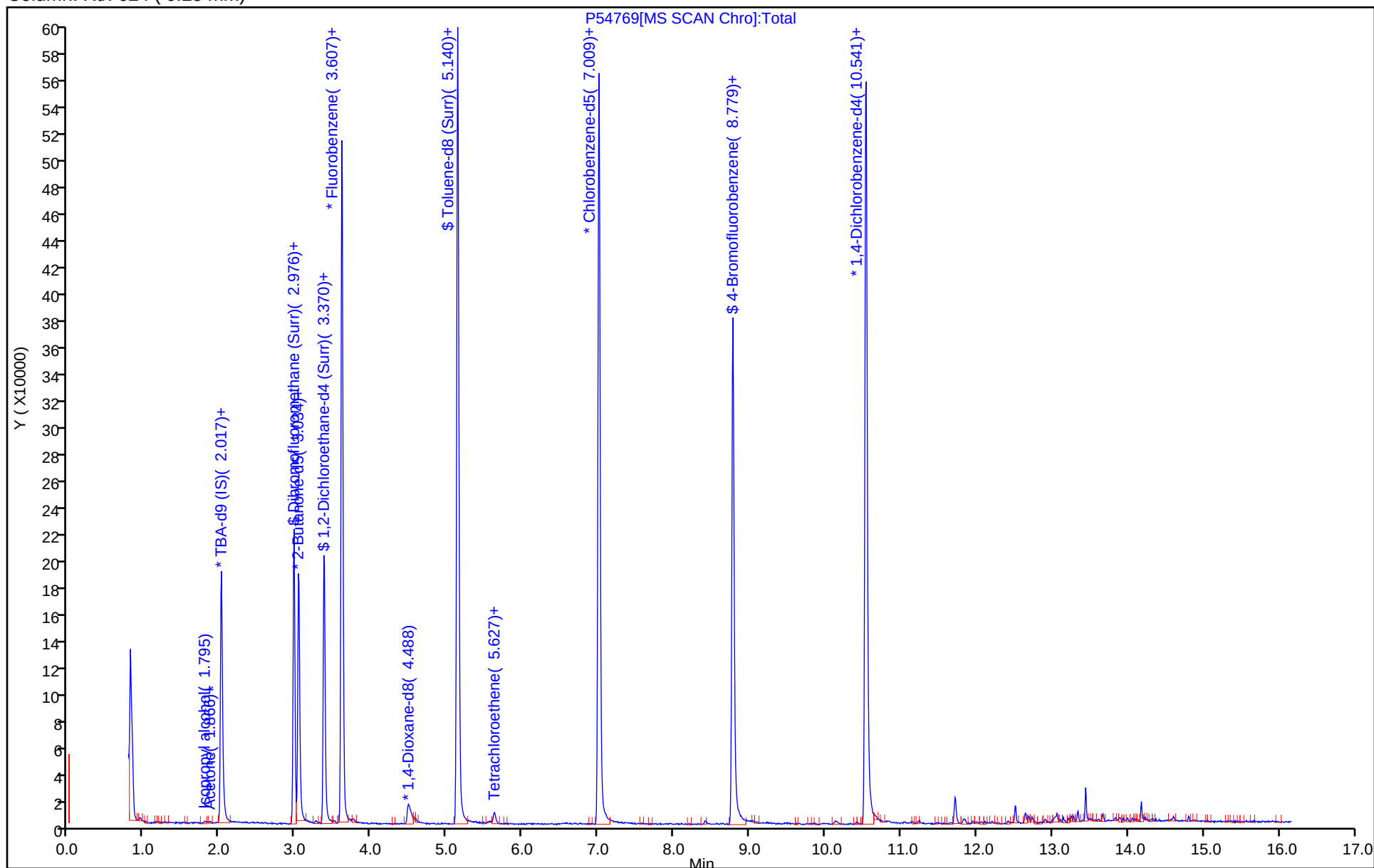
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54769.D

Injection Date: 19-Dec-2018 02:09:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-2

Lab Sample ID: 460-171555-2

Client ID: FSMW-2B 12112018

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

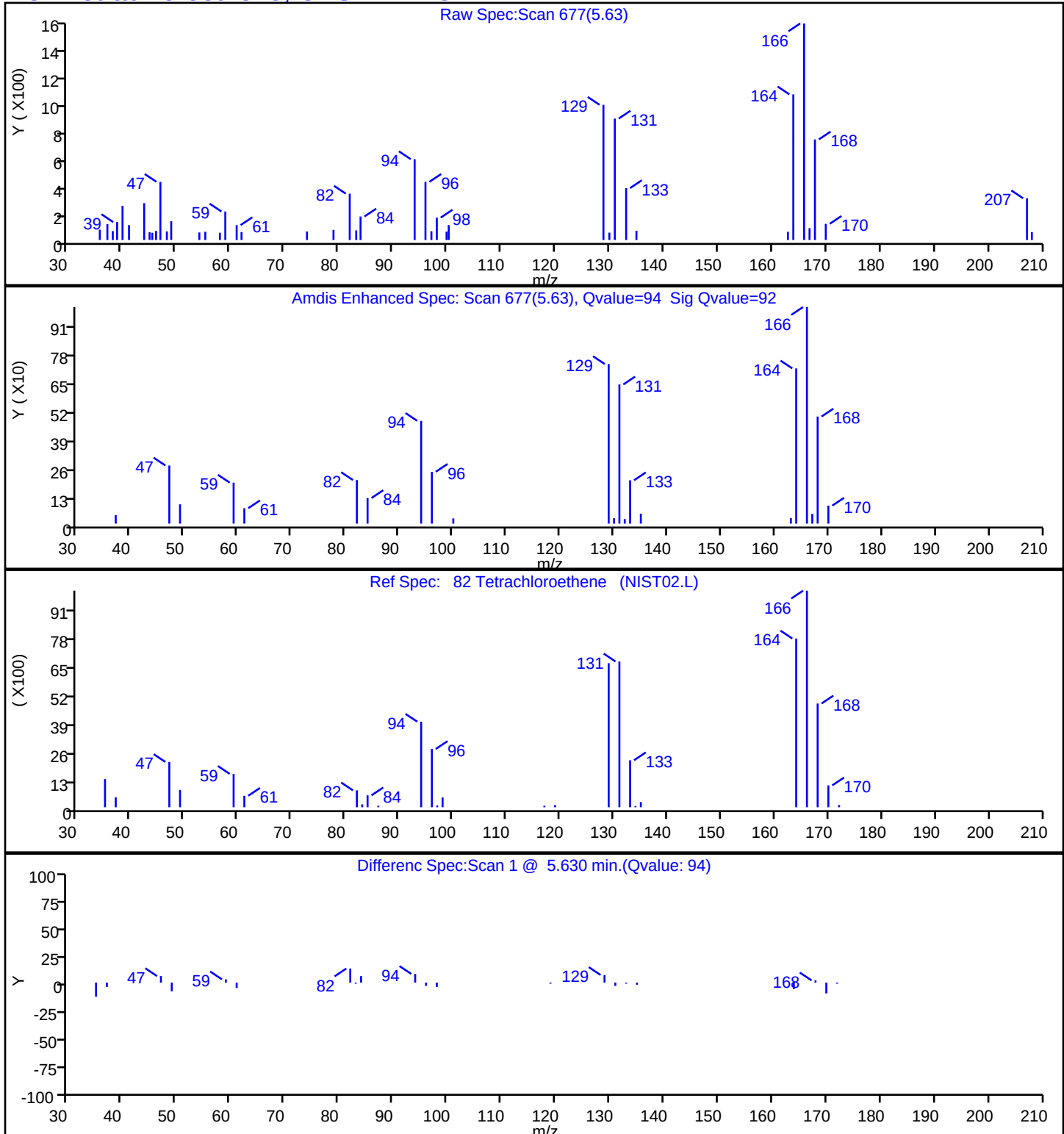
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-4A 12112018</u>	Lab Sample ID: <u>460-171555-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54770.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 11:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/19/2018 02:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U *	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.66	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	20		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-4A 12112018 Lab Sample ID: 460-171555-3
Matrix: Water Lab File ID: P54770.D
Analysis Method: 8260C Date Collected: 12/11/2018 11:45
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 02:35
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	111		72-131
2037-26-5	Toluene-d8 (Surr)	112		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54770.D
 Lims ID: 460-171555-A-3
 Client ID: FSMW-4A 12112018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 02:35:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-3
 Misc. Info.: 460-0083832-015
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: desais

Date: 19-Dec-2018 10:53:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	86	2251	2.85	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	218244	1000.0	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	95	2244	0.6577	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.969	0.007	95	118169	55.5	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	215129	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	142312	58.2	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	478751	50.0	
65 Trichloroethene	130	3.757	3.757	0.000	92	1037	0.2937	
* 72 1,4-Dioxane-d8	96	4.495	4.481	0.014	0	25621	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	480277	55.9	
82 Tetrachloroethene	166	5.620	5.620	0.000	92	68272	19.9	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	402471	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	86	136329	48.3	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	97	216205	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54770.D

Injection Date: 19-Dec-2018 02:35:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-3

Lab Sample ID: 460-171555-3

Worklist Smp#: 15

Client ID: FSMW-4A 12112018

Purge Vol: 5.000 mL

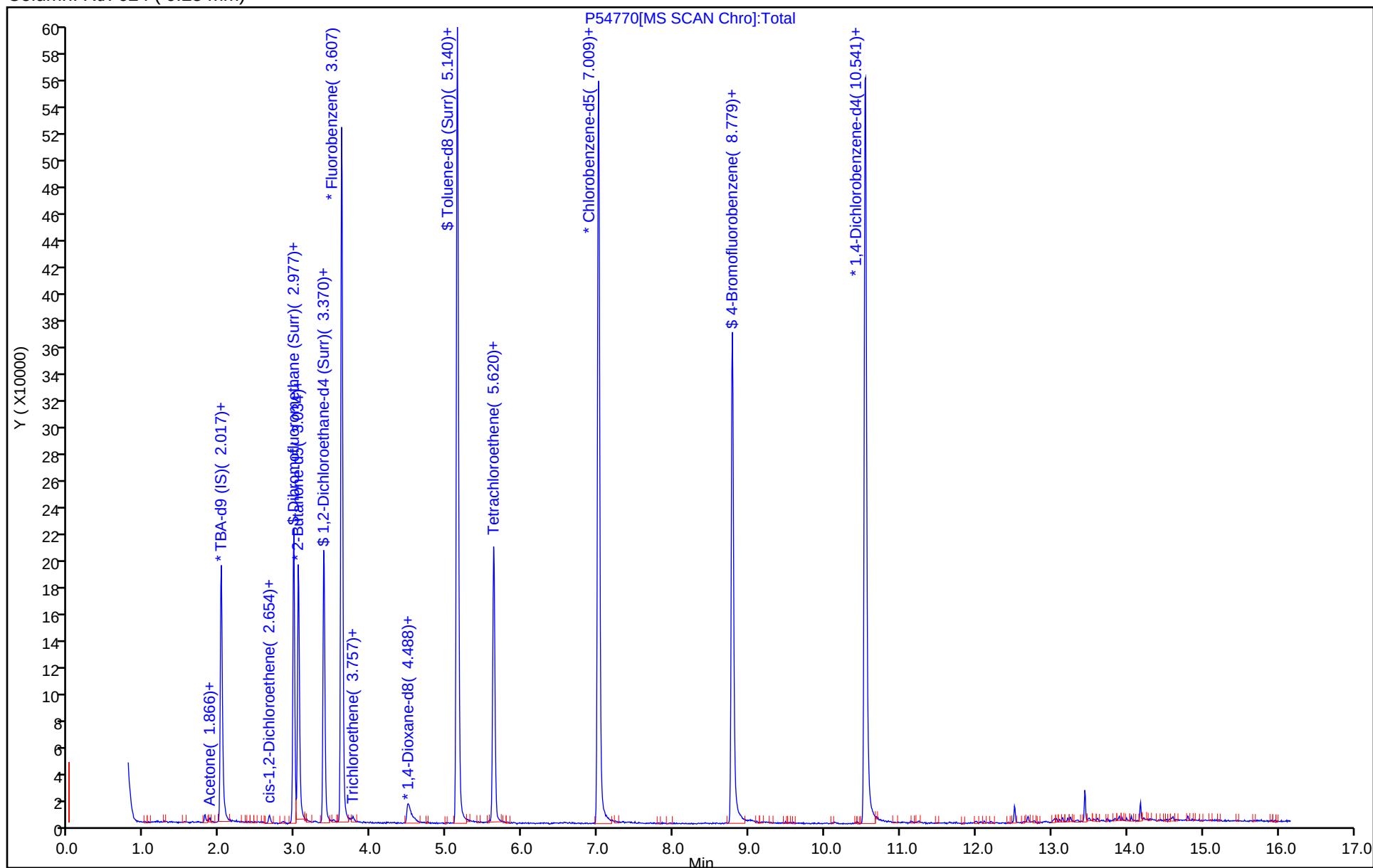
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54770.D

Injection Date: 19-Dec-2018 02:35:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-3

Lab Sample ID: 460-171555-3

Client ID: FSMW-4A 12112018

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

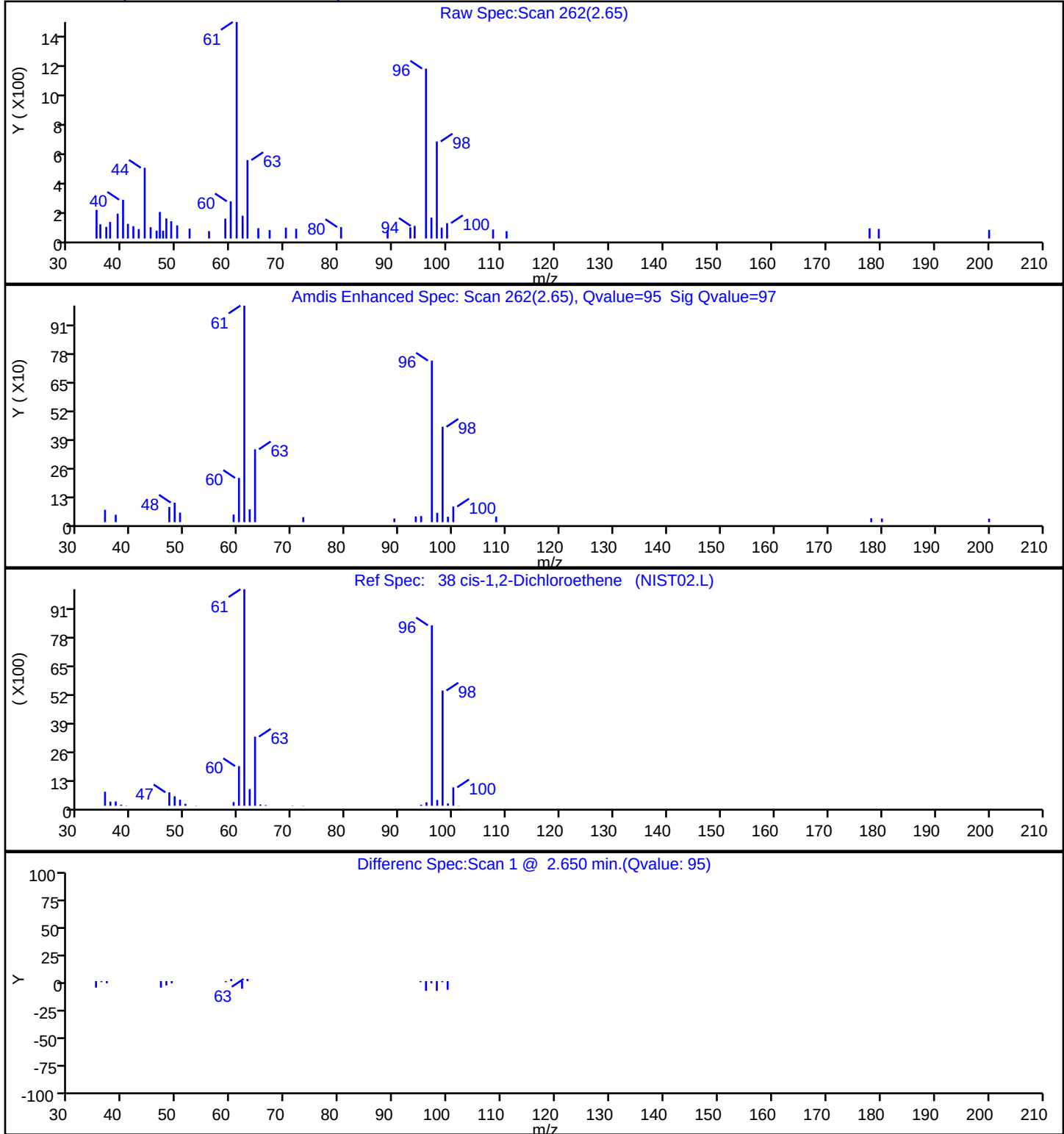
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54770.D

Injection Date: 19-Dec-2018 02:35:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-3

Lab Sample ID: 460-171555-3

Client ID: FSMW-4A 12112018

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

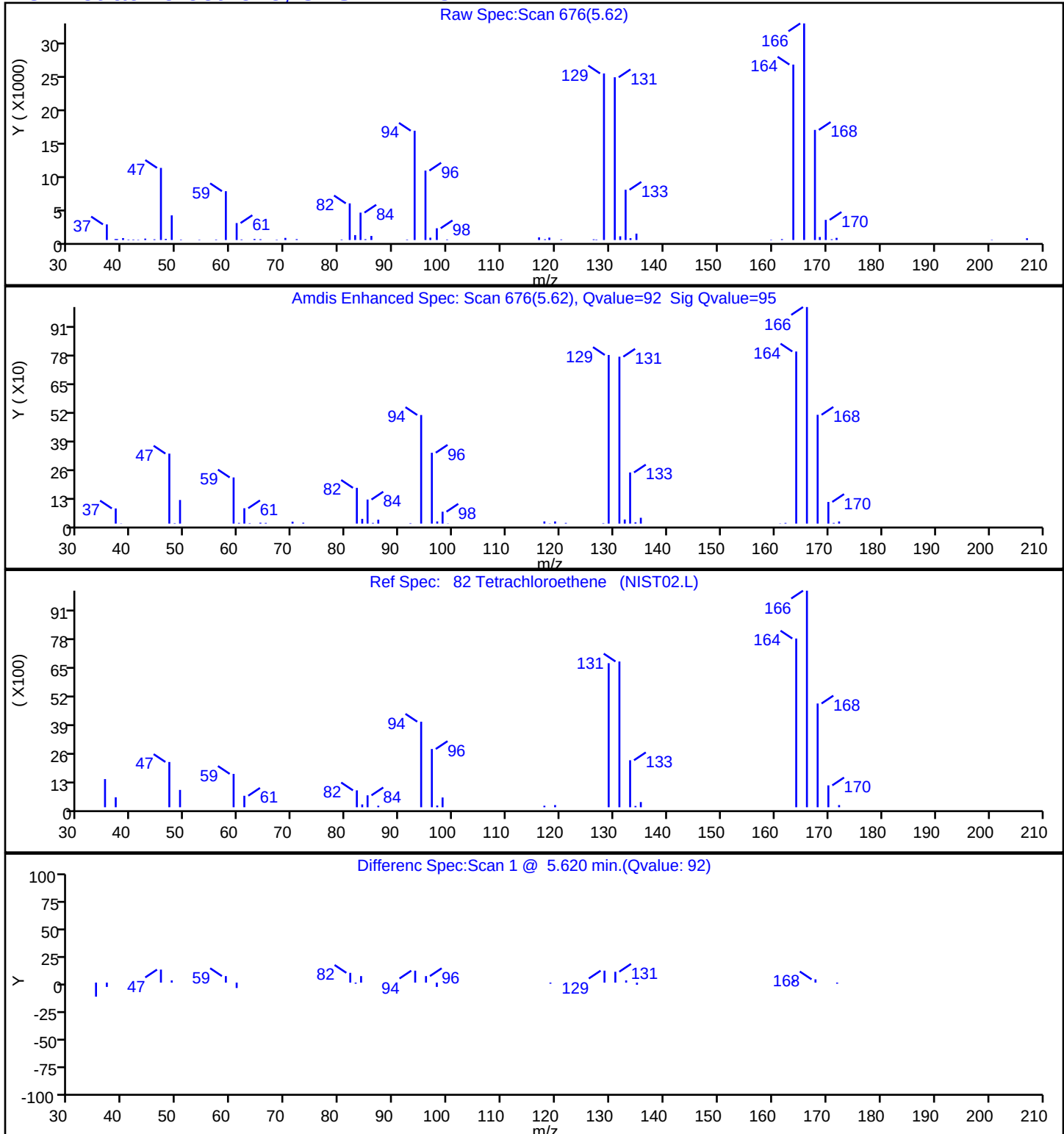
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54770.D

Injection Date: 19-Dec-2018 02:35:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-3

Lab Sample ID: 460-171555-3

Client ID: FSMW-4A 12112018

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

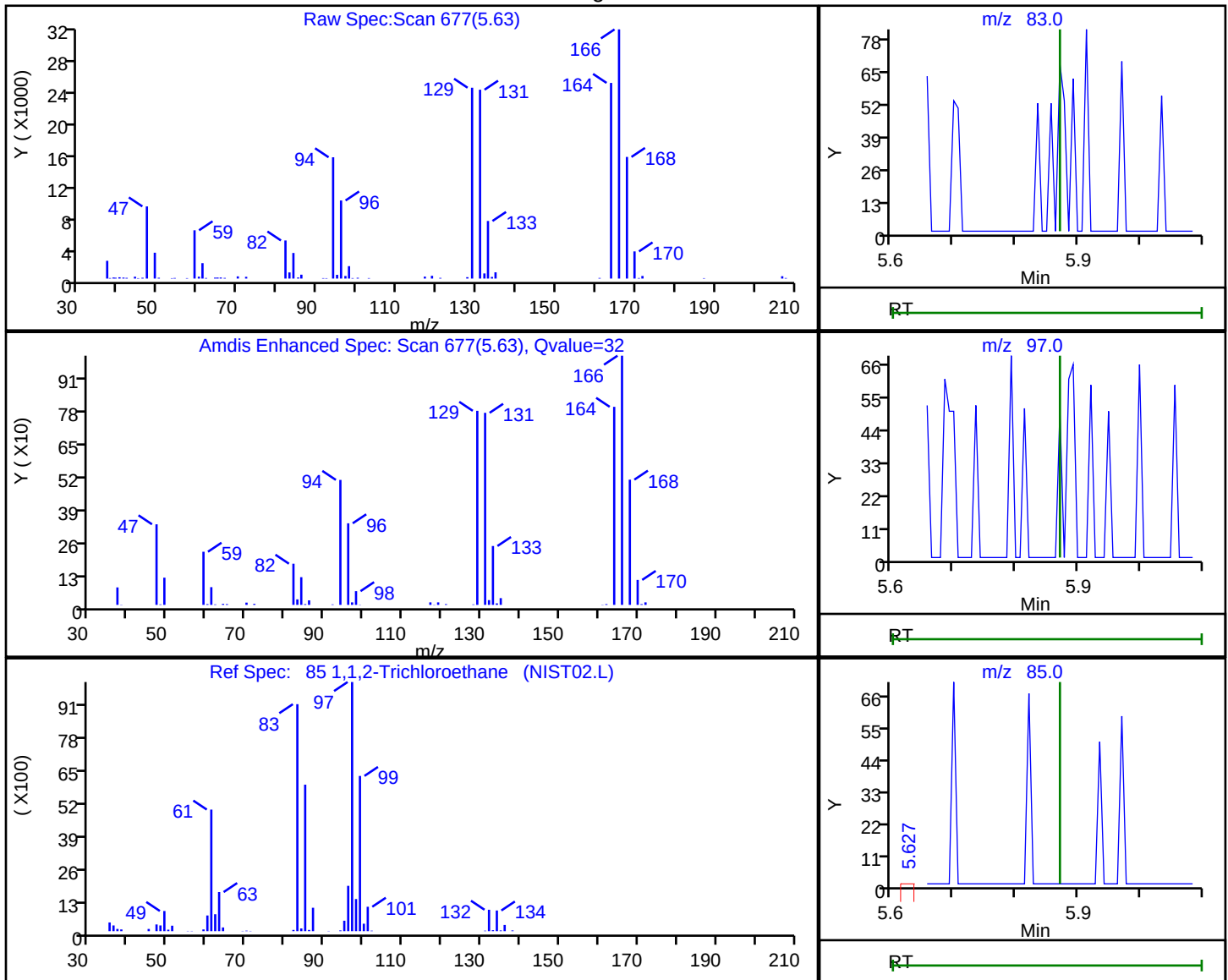
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.63	83.00	1524	0.679378
5.62	97.00	764	
5.63	85.00	138	

Reviewer: desais, 19-Dec-2018 10:53:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>EB01 12112018</u>	Lab Sample ID: <u>460-171555-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54836.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 09:10</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>12/20/2018 15:18</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>577330</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: EB01 12112018 Lab Sample ID: 460-171555-4
Matrix: Water Lab File ID: P54836.D
Analysis Method: 8260C Date Collected: 12/11/2018 09:10
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 15:18
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	97		72-131
2037-26-5	Toluene-d8 (Surr)	95		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54836.D
 Lims ID: 460-171555-B-4
 Client ID: EB01 12112018
 Sample Type: Client
 Inject. Date: 20-Dec-2018 15:18:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-B-4
 Misc. Info.: 460-0083907-019
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Jan-2019 09:19:25 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: smithra

Date: 20-Dec-2018 20:23:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	85	2285	1.22	
* 29 TBA-d9 (IS)	65	2.009	2.017	-0.008	0	216300	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	96	111703	48.4	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	223868	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	141904	48.5	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	449648	50.0	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	23737	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	472876	47.7	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	400548	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	-0.001	90	150803	47.6	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	96	219493	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54836.D

Injection Date: 20-Dec-2018 15:18:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-B-4

Lab Sample ID: 460-171555-4

Worklist Smp#: 19

Client ID: EB01 12112018

Purge Vol: 5.000 mL

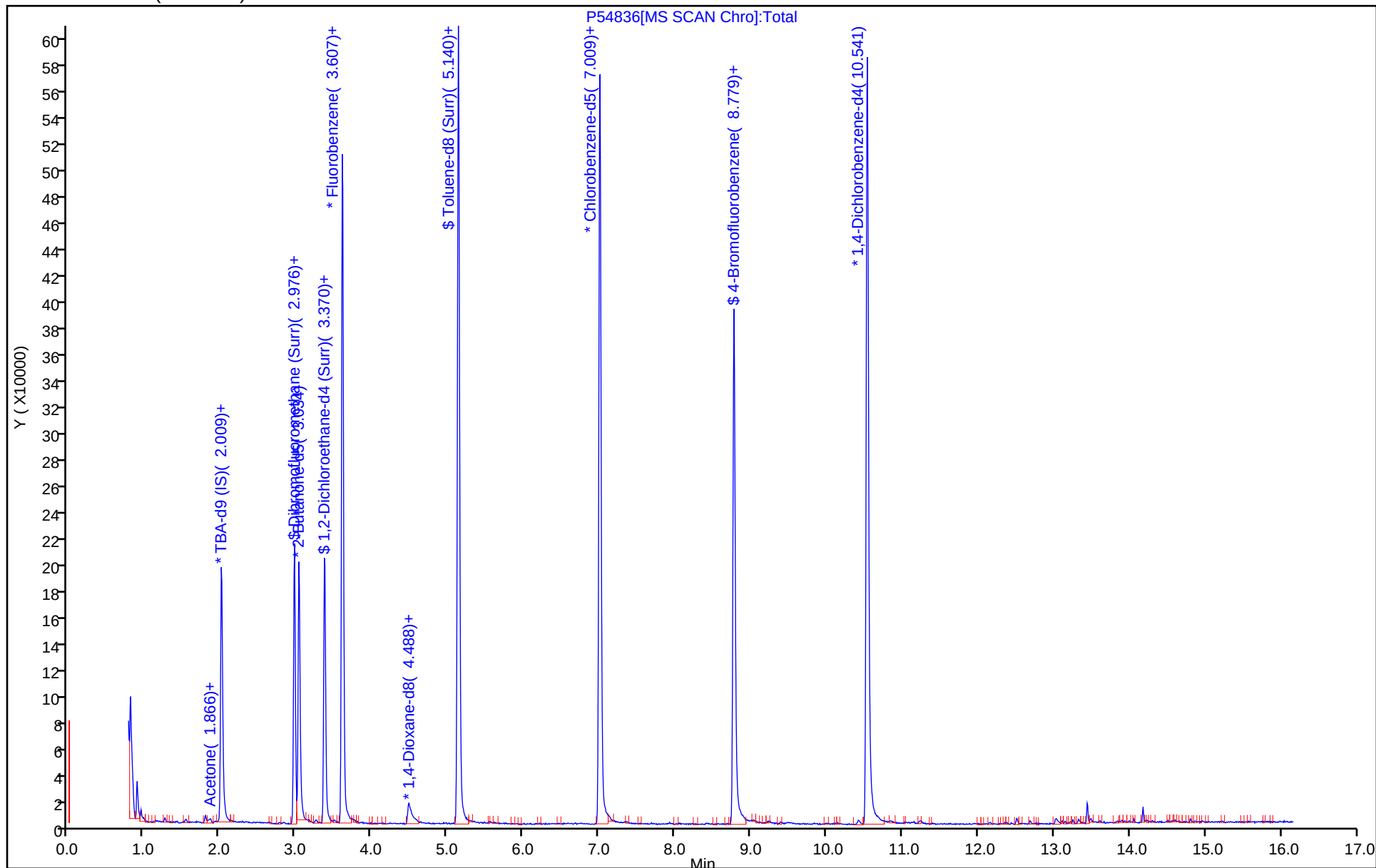
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FB01 12112018</u>	Lab Sample ID: <u>460-171555-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54765.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 10:45</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>12/19/2018 00:28</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U *	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	2.2	B	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FB01 12112018 Lab Sample ID: 460-171555-5
Matrix: Water Lab File ID: P54765.D
Analysis Method: 8260C Date Collected: 12/11/2018 10:45
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 00:28
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
1868-53-7	Dibromofluoromethane (Surr)	116		72-131
2037-26-5	Toluene-d8 (Surr)	115		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54765.D
 Lims ID: 460-171555-A-5
 Client ID: FB01 12112018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 00:28:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-5
 Misc. Info.: 460-0083832-010
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: parekhv

Date: 19-Dec-2018 00:03:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Methylene Chloride	84	1.845	1.845	0.000	93	6581	2.17	
24 Acetone	43	1.866	1.859	0.007	86	2695	3.60	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	199077	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.969	0.008	95	119699	57.8	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	203624	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.371	-0.001	0	141559	59.4	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	466460	50.0	
* 72 1,4-Dioxane-d8	96	4.481	4.481	0.000	0	24969	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	479872	57.4	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	392021	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	87	138624	50.4	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	96	209438	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54765.D

Injection Date: 19-Dec-2018 00:28:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-5

Lab Sample ID: 460-171555-5

Worklist Smp#: 10

Client ID: FB01 12112018

Purge Vol: 5.000 mL

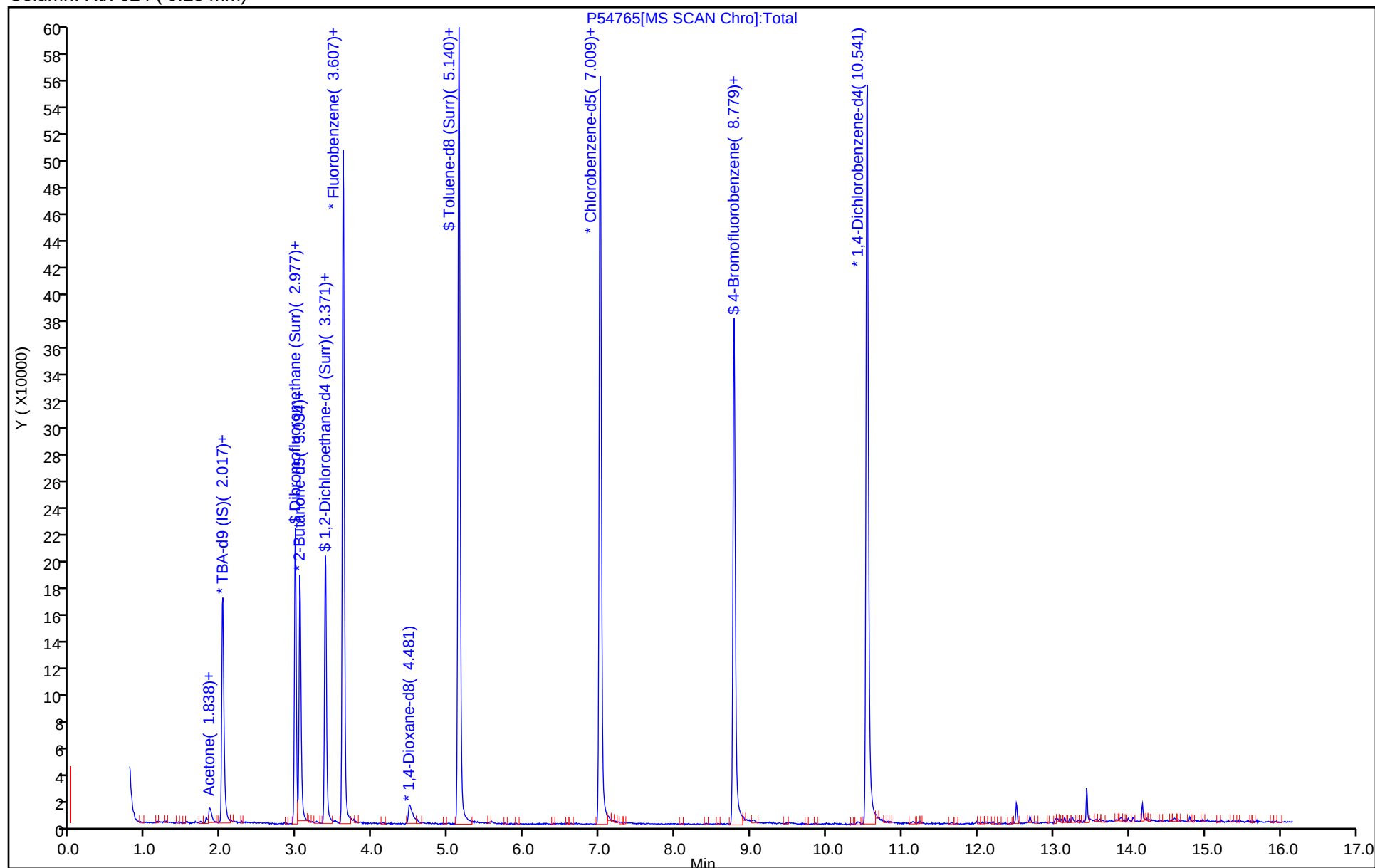
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54765.D

Injection Date: 19-Dec-2018 00:28:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-5

Lab Sample ID: 460-171555-5

Client ID: FB01 12112018

Operator ID:

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

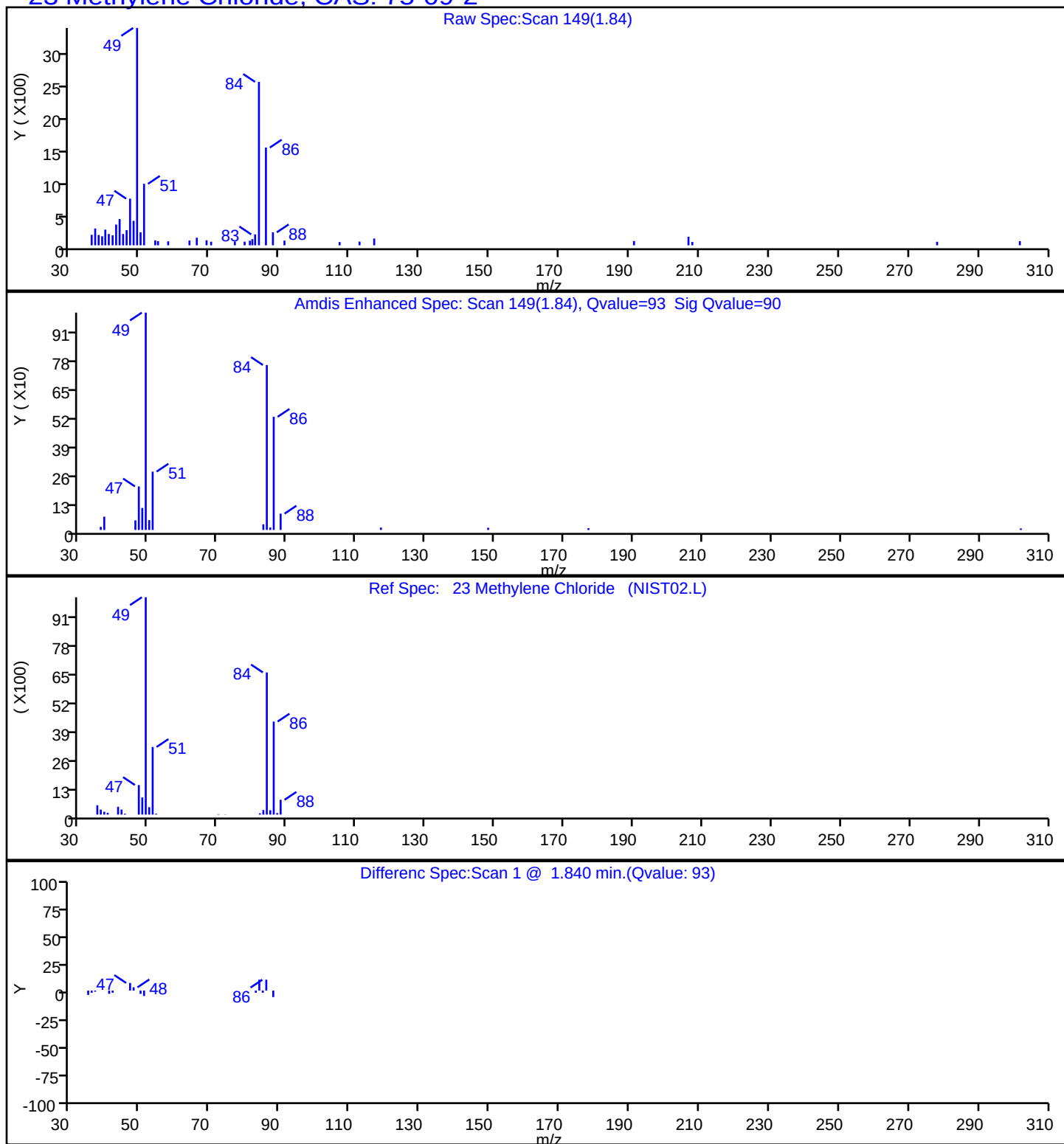
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

23 Methylene Chloride, CAS: 75-09-2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP01 12112018</u>	Lab Sample ID: <u>460-171555-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54839.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/20/2018 16:34</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>577330</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.66	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	20		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: DUP01 12112018 Lab Sample ID: 460-171555-6
Matrix: Water Lab File ID: P54839.D
Analysis Method: 8260C Date Collected: 12/11/2018 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 16:34
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54839.D
 Lims ID: 460-171555-B-6
 Client ID: DUP01 12112018
 Sample Type: Client
 Inject. Date: 20-Dec-2018 16:34:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-B-6
 Misc. Info.: 460-0083907-022
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Jan-2019 09:19:25 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: smithra

Date: 20-Dec-2018 20:55:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.009	2.017	-0.008	0	215904	1000.0	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	94	2413	0.6592	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	96	112923	49.9	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	222043	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	141675	49.4	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	440936	50.0	
65 Trichloroethene	130	3.764	3.757	0.007	86	892	0.2435	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	23920	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	472179	48.6	
82 Tetrachloroethene	166	5.627	5.620	0.007	96	73296	20.4	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	392852	50.0	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	90	148974	48.0	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	96	213809	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54839.D

Injection Date: 20-Dec-2018 16:34:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-B-6

Lab Sample ID: 460-171555-6

Worklist Smp#: 22

Client ID: DUP01 12112018

Purge Vol: 5.000 mL

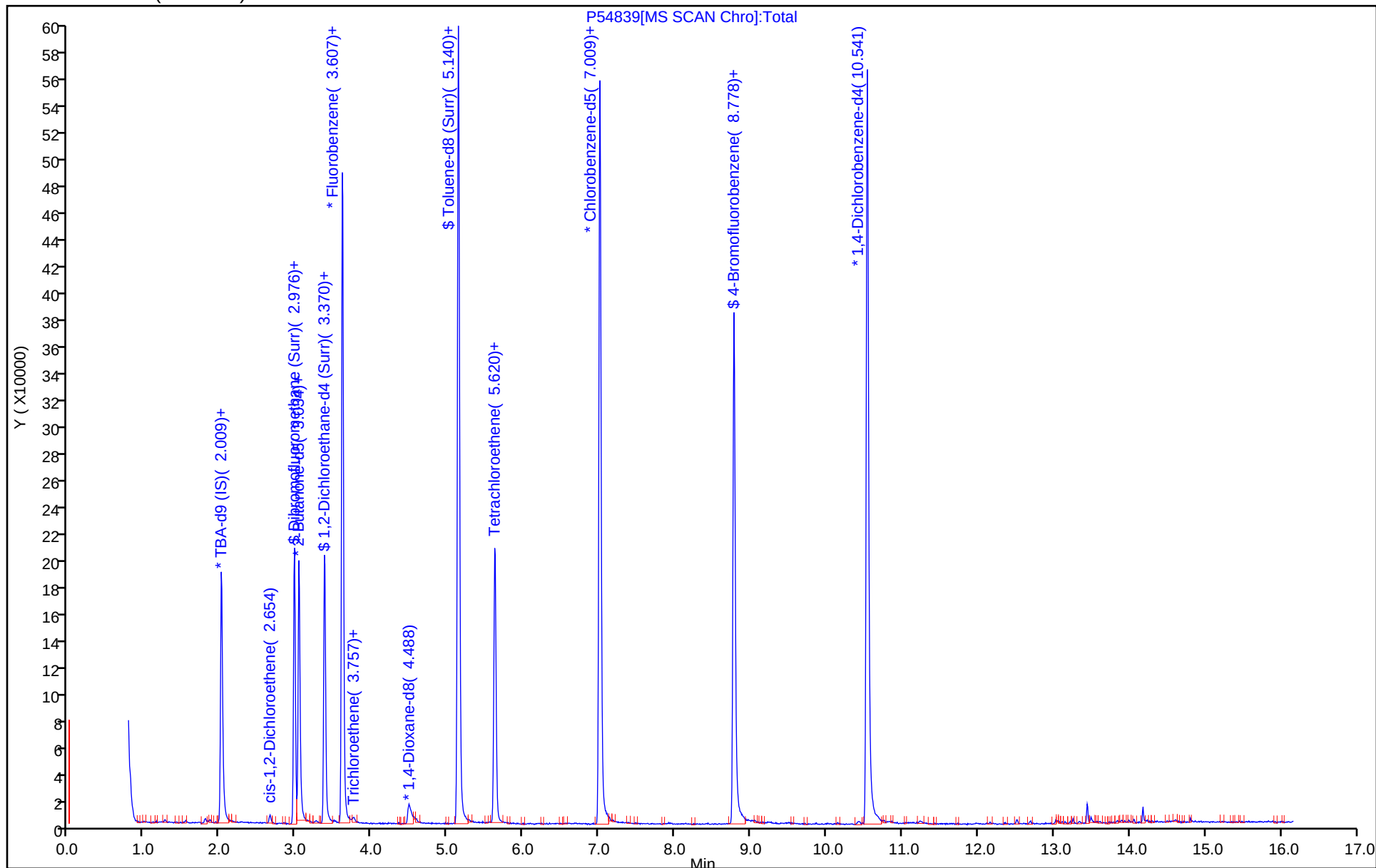
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54839.D

Injection Date: 20-Dec-2018 16:34:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-6

Lab Sample ID: 460-171555-6

Client ID: DUP01 12112018

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

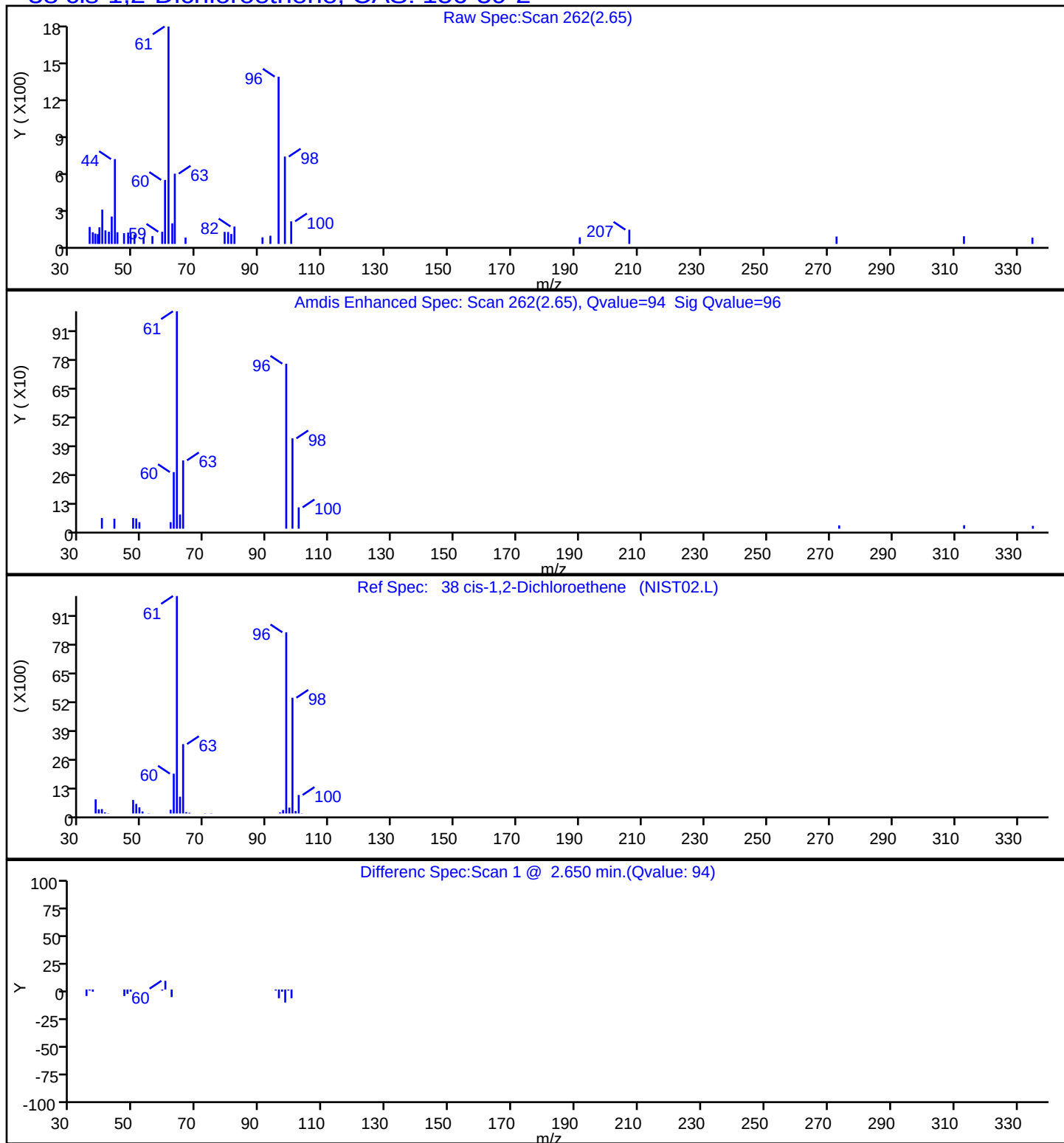
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

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

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54839.D

Injection Date: 20-Dec-2018 16:34:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-6

Lab Sample ID: 460-171555-6

Client ID: DUP01 12112018

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

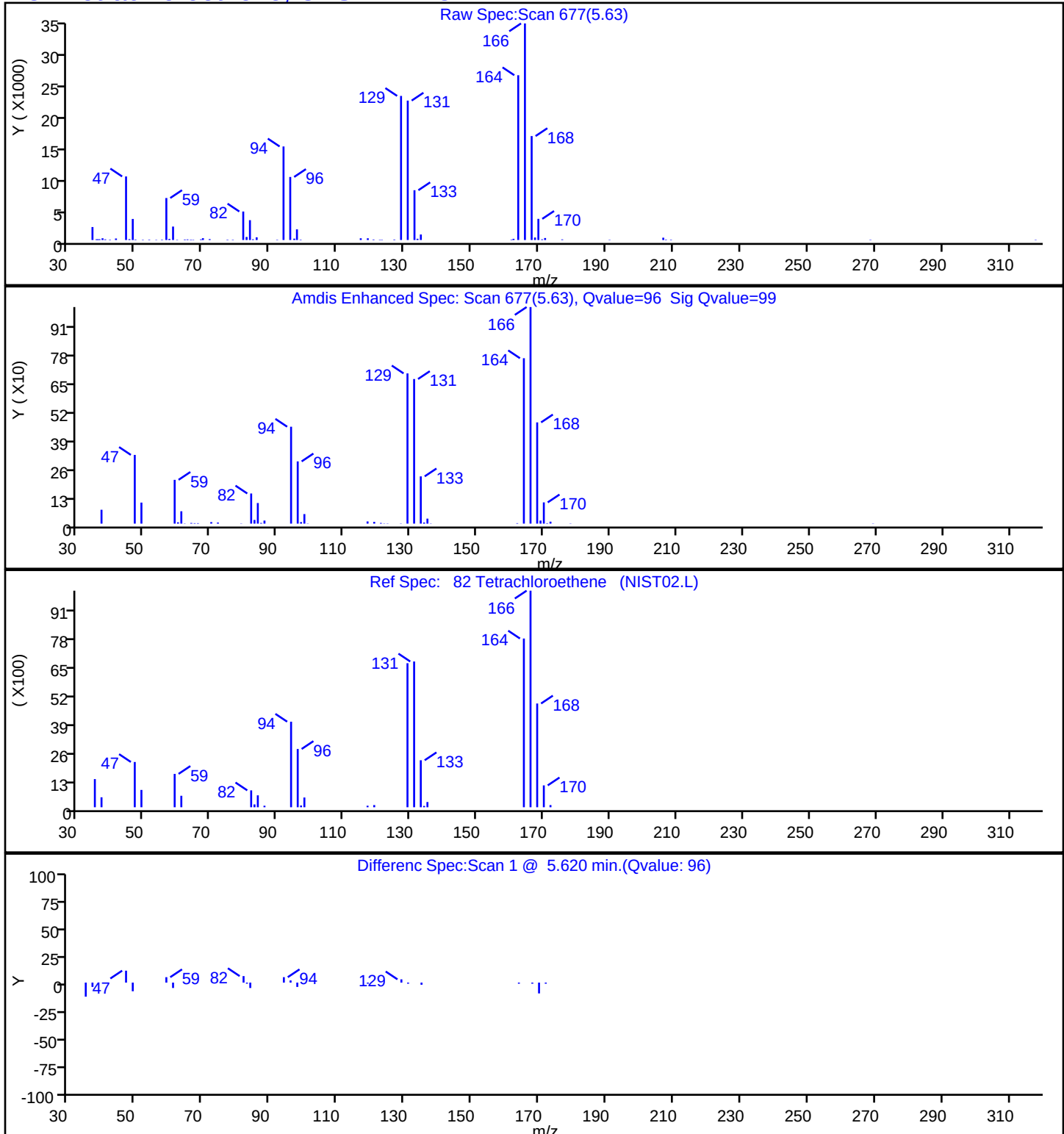
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-4B 12112018</u>	Lab Sample ID: <u>460-171555-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54771.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 12:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/19/2018 03:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U *	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	6.1		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	1.5		1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-4B 12112018 Lab Sample ID: 460-171555-7
Matrix: Water Lab File ID: P54771.D
Analysis Method: 8260C Date Collected: 12/11/2018 12:55
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 03:00
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
1868-53-7	Dibromofluoromethane (Surr)	114		72-131
2037-26-5	Toluene-d8 (Surr)	117		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54771.D
 Lims ID: 460-171555-A-7
 Client ID: FSMW-4B 12112018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 03:00:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-7
 Misc. Info.: 460-0083832-016
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: desais

Date: 19-Dec-2018 10:53:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	91	1247	1.60	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	214890	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.969	0.007	95	117899	57.2	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	211713	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	139168	58.7	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	463618	50.0	
65 Trichloroethene	130	3.764	3.757	0.007	96	5044	1.47	
* 72 1,4-Dioxane-d8	96	4.488	4.481	0.007	0	26014	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	481016	58.4	
82 Tetrachloroethene	166	5.620	5.620	0.000	94	20228	6.14	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	385934	50.0	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	86	136275	50.3	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	96	205356	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54771.D

Injection Date: 19-Dec-2018 03:00:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-7

Lab Sample ID: 460-171555-7

Worklist Smp#: 16

Client ID: FSMW-4B 12112018

Purge Vol: 5.000 mL

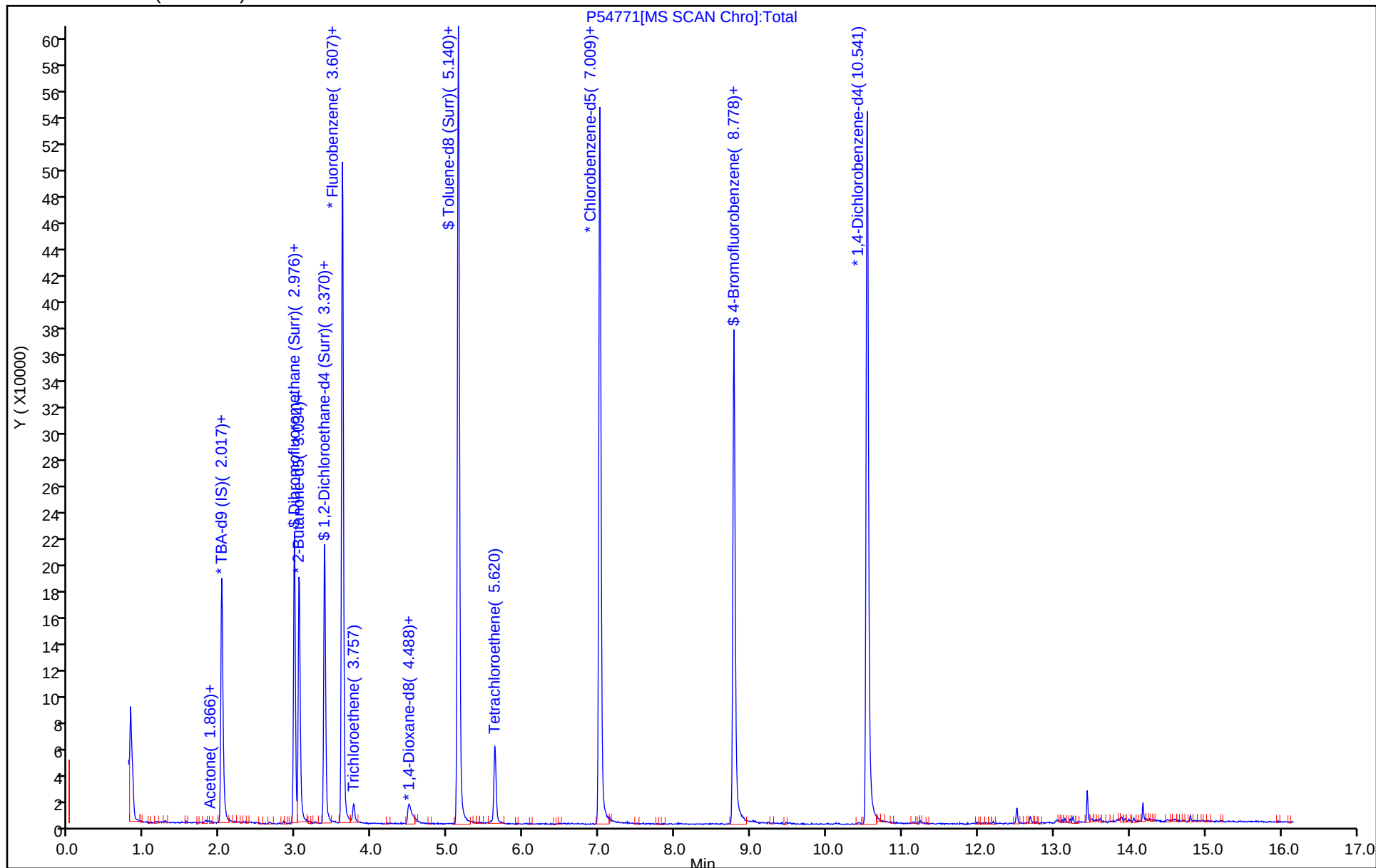
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54771.D

Injection Date: 19-Dec-2018 03:00:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-7

Lab Sample ID: 460-171555-7

Client ID: FSMW-4B 12112018

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

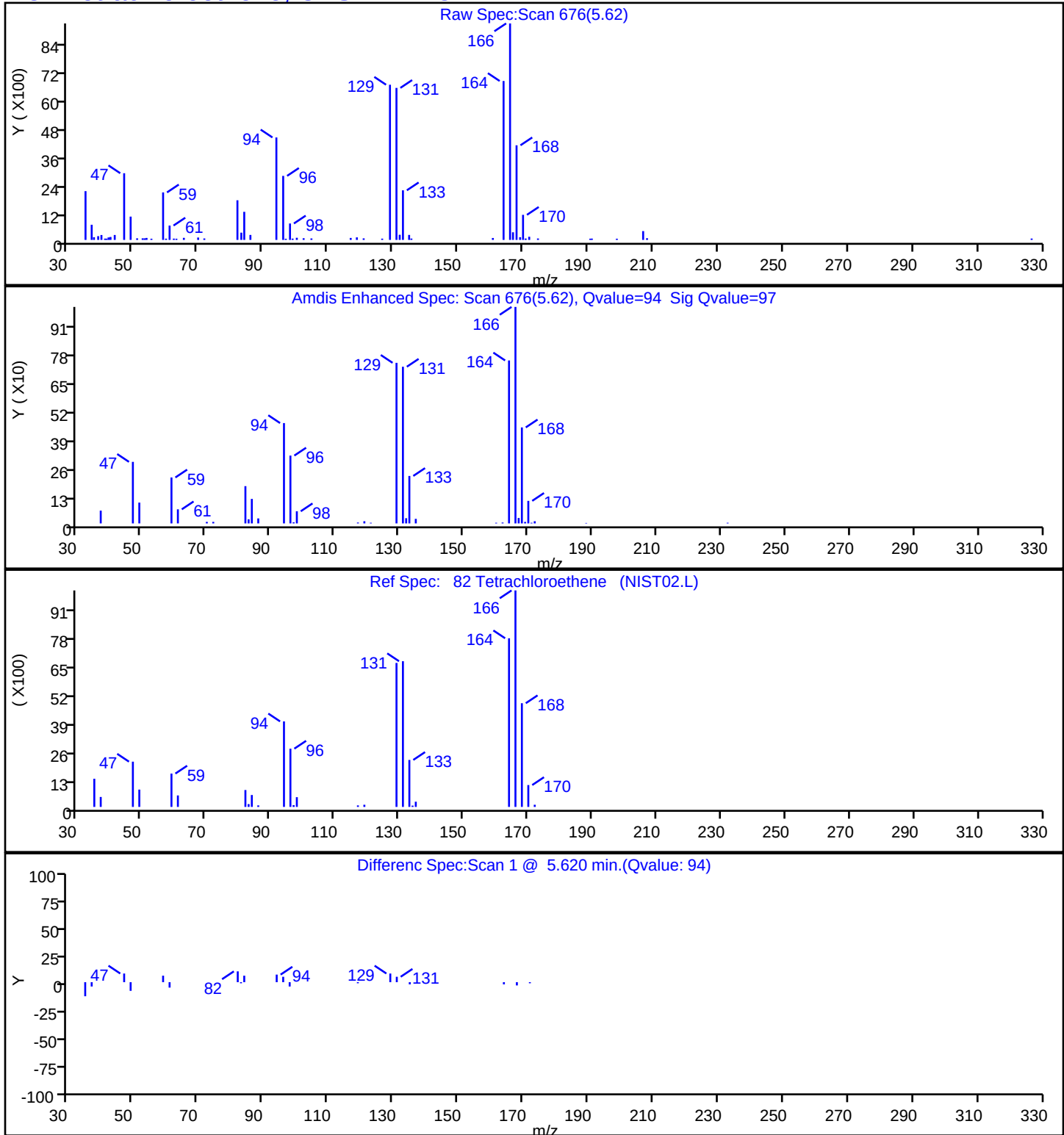
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54771.D

Injection Date: 19-Dec-2018 03:00:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-7

Lab Sample ID: 460-171555-7

Client ID: FSMW-4B 12112018

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

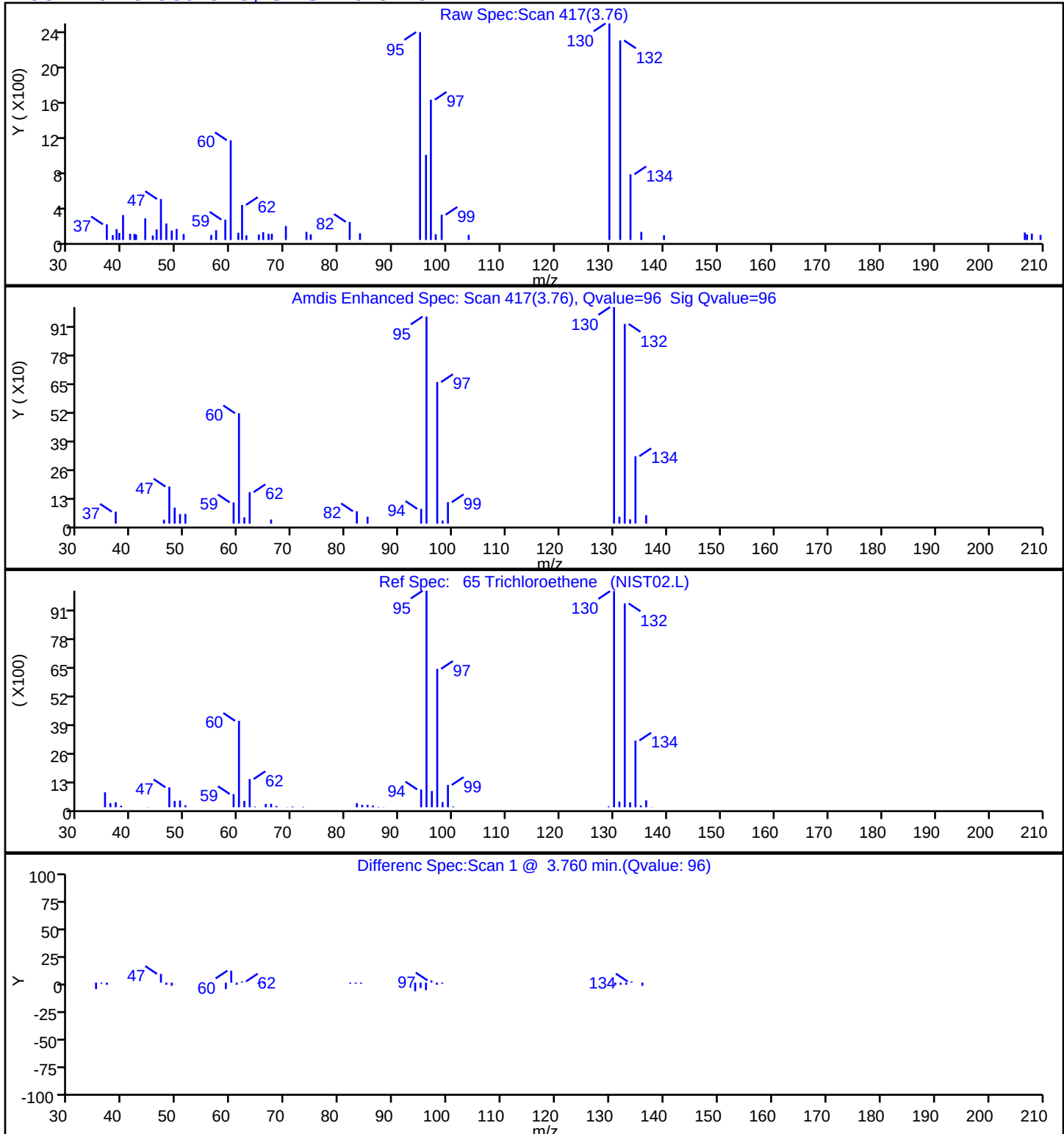
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-1A 12122018</u>	Lab Sample ID: <u>460-171555-8</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54772.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/12/2018 09:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/19/2018 03:26</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U *	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	80		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	240		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	54		1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-1A 12122018 Lab Sample ID: 460-171555-8
Matrix: Water Lab File ID: P54772.D
Analysis Method: 8260C Date Collected: 12/12/2018 09:10
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 03:26
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	112		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54772.D
 Lims ID: 460-171555-A-8
 Client ID: FSMW-1A 12122018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 03:26:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-8
 Misc. Info.: 460-0083832-017
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: desais

Date: 19-Dec-2018 10:53:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	83	1411	1.74	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	223147	1000.0	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	98	272193	80.4	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.969	0.008	95	118650	56.2	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	221110	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.371	0.000	0	141799	58.4	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	475233	50.0	
65 Trichloroethene	130	3.757	3.757	0.000	97	188012	53.6	
* 72 1,4-Dioxane-d8	96	4.488	4.481	0.007	0	24154	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	483346	56.2	
82 Tetrachloroethene	166	5.620	5.620	0.000	93	833293	242.3	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	402946	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	87	138145	48.9	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	97	215544	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54772.D

Injection Date: 19-Dec-2018 03:26:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-8

Lab Sample ID: 460-171555-8

Worklist Smp#: 17

Client ID: FSMW-1A 12122018

Purge Vol: 5.000 mL

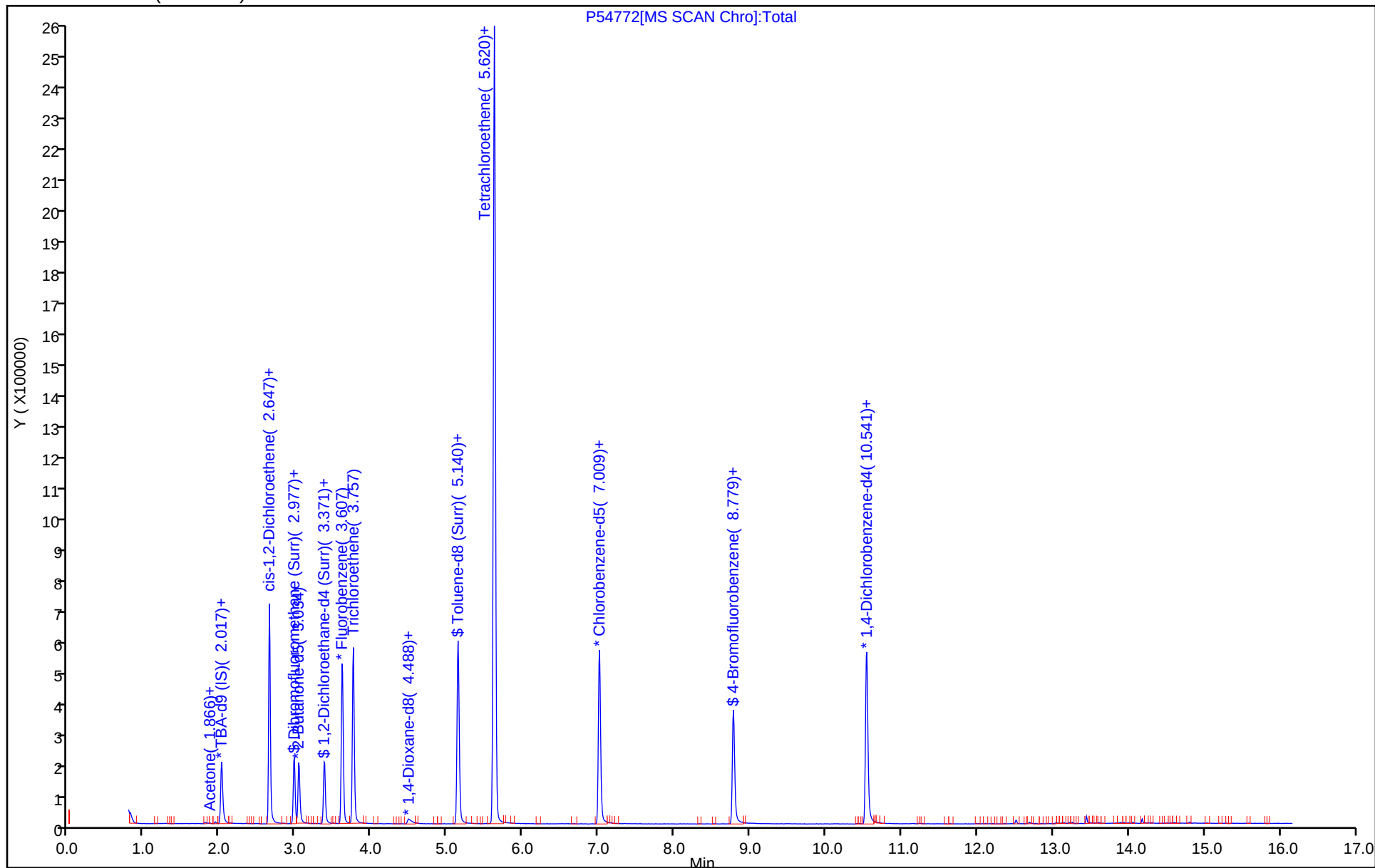
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54772.D

Injection Date: 19-Dec-2018 03:26:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-8

Lab Sample ID: 460-171555-8

Client ID: FSMW-1A 12122018

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

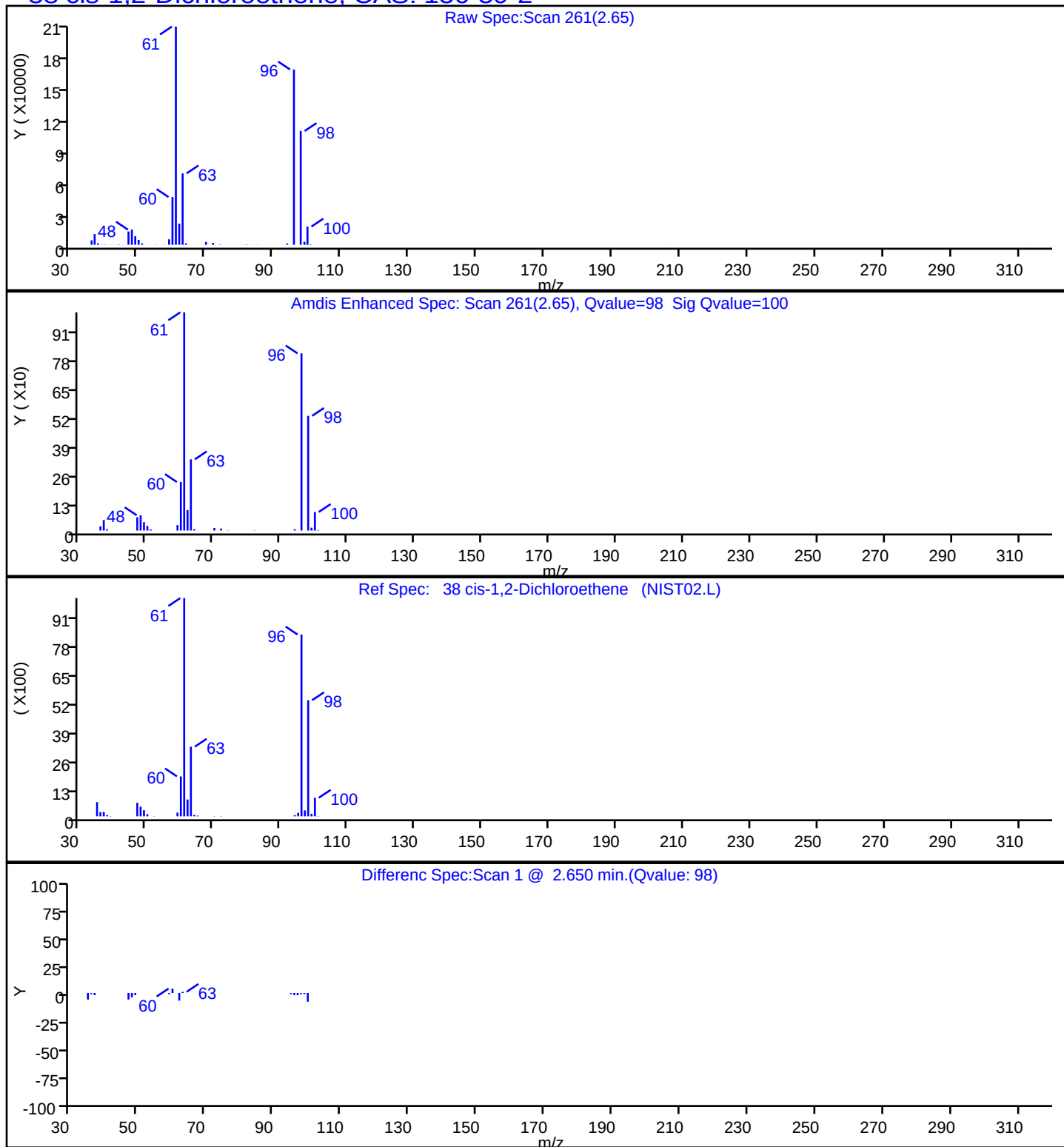
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54772.D

Injection Date: 19-Dec-2018 03:26:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-8

Lab Sample ID: 460-171555-8

Client ID: FSMW-1A 12122018

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

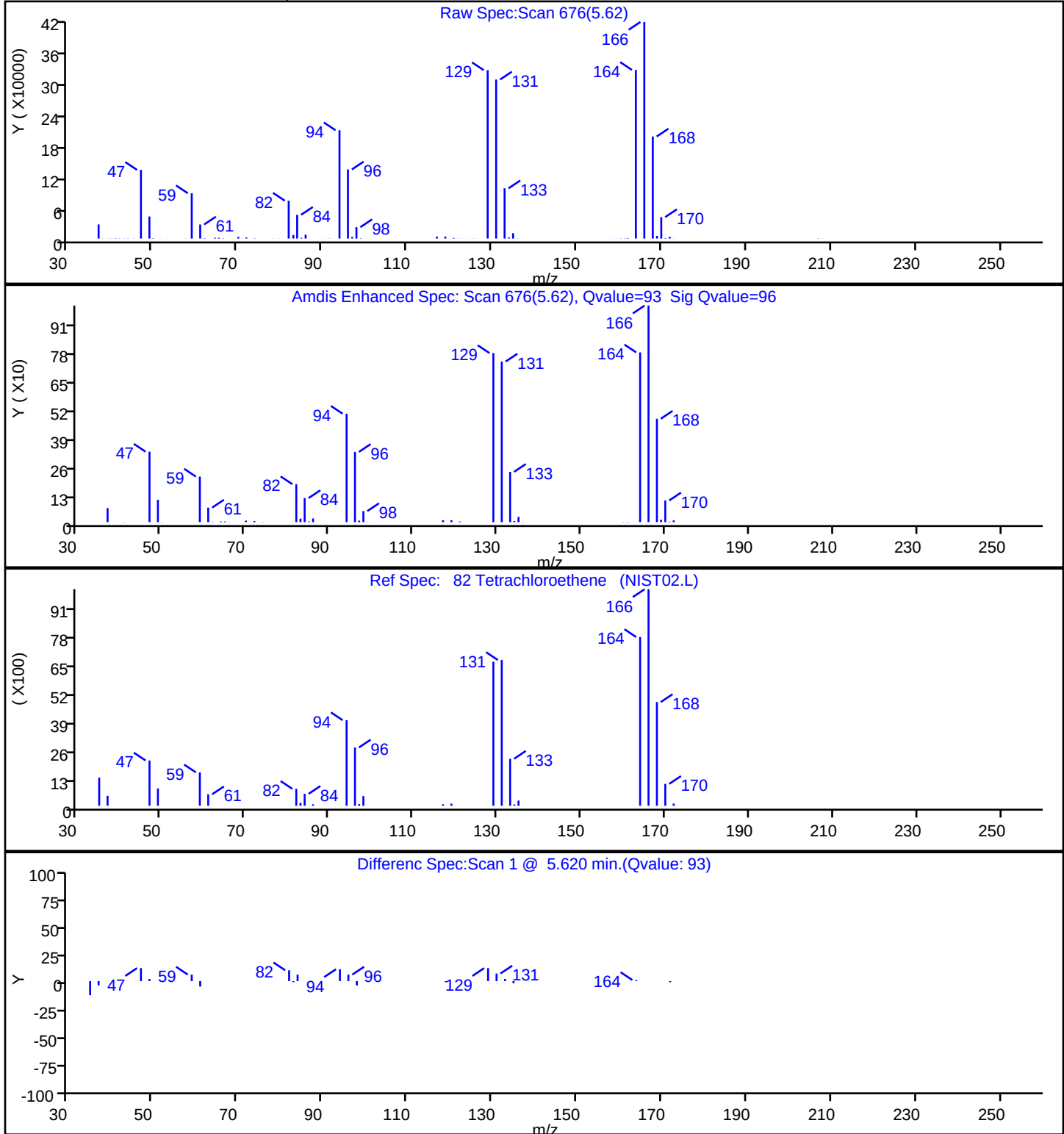
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54772.D

Injection Date: 19-Dec-2018 03:26:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-8

Lab Sample ID: 460-171555-8

Client ID: FSMW-1A 12122018

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

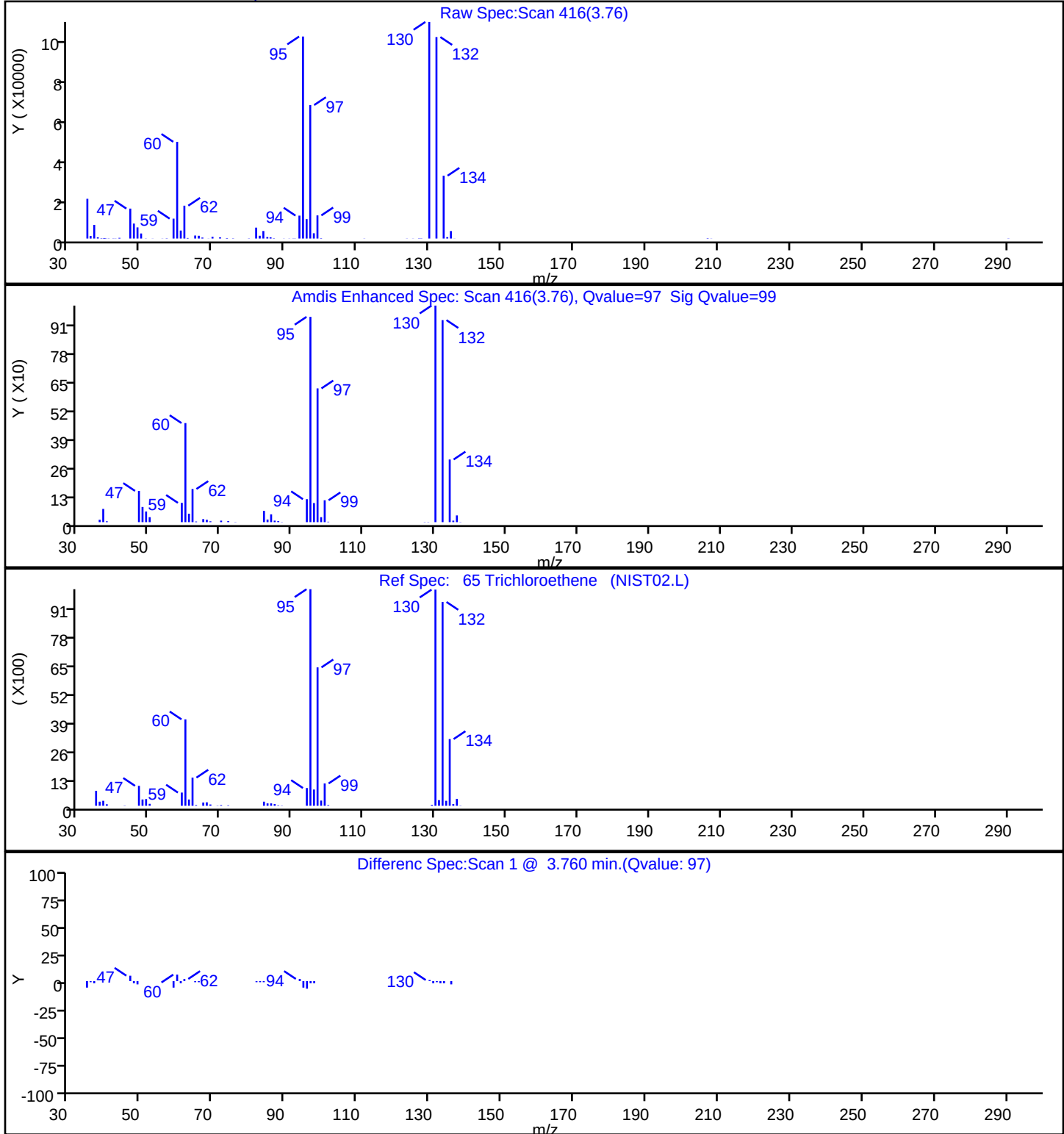
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>EB02 12122018</u>	Lab Sample ID: <u>460-171555-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54766.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/12/2018 09:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/19/2018 00:53</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U *	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: EB02 12122018 Lab Sample ID: 460-171555-9
Matrix: Water Lab File ID: P54766.D
Analysis Method: 8260C Date Collected: 12/12/2018 09:20
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 00:53
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		74-132
460-00-4	4-Bromofluorobenzene	99		77-124
1868-53-7	Dibromofluoromethane (Surr)	113		72-131
2037-26-5	Toluene-d8 (Surr)	116		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54766.D
 Lims ID: 460-171555-A-9
 Client ID: EB02 12122018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 00:53:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-9
 Misc. Info.: 460-0083832-011
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: desais

Date: 19-Dec-2018 10:47:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	84	2405	3.19	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	204377	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.969	0.008	95	117414	56.7	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	205272	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.371	0.000	0	139483	58.5	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	466433	50.0	
* 72 1,4-Dioxane-d8	96	4.481	4.481	0.000	0	25343	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	483242	58.0	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	390288	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	87	135577	49.5	
* 119 1,4-Dichlorobenzene-d4	152	10.534	10.534	0.000	96	212250	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54766.D

Injection Date: 19-Dec-2018 00:53:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-9

Lab Sample ID: 460-171555-9

Worklist Smp#: 11

Client ID: EB02 12122018

Purge Vol: 5.000 mL

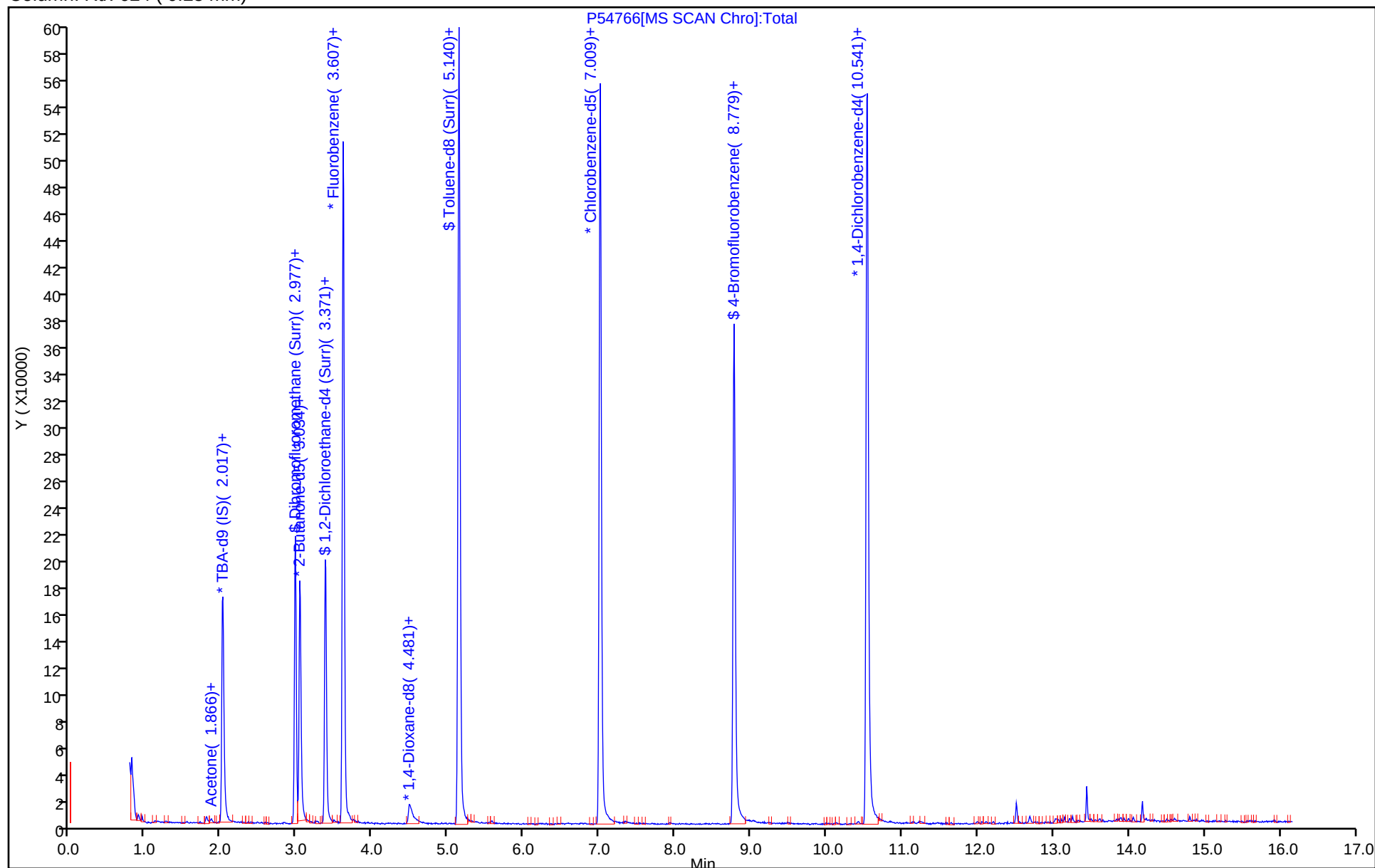
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-8A 12122018</u>	Lab Sample ID: <u>460-171555-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54838.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/12/2018 10:25</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>12/20/2018 16:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>577330</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U F1 *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.41	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	8.3		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.35	J	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-8A 12122018 Lab Sample ID: 460-171555-10
Matrix: Water Lab File ID: P54838.D
Analysis Method: 8260C Date Collected: 12/12/2018 10:25
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 16:08
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		74-132
460-00-4	4-Bromofluorobenzene	112		77-124
1868-53-7	Dibromofluoromethane (Surr)	115		72-131
2037-26-5	Toluene-d8 (Surr)	114		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54838.D
 Lims ID: 460-171555-B-10
 Client ID: FSMW-8A 12122018
 Sample Type: Client
 Inject. Date: 20-Dec-2018 16:08:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-B-10
 Misc. Info.: 460-0083907-021
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Jan-2019 09:19:25 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: smithra

Date: 20-Dec-2018 20:52:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Isopropyl alcohol	45	1.802	1.802	0.000	97	4657	26.0	
24 Acetone	43	1.866	1.859	0.007	84	2660	2.11	
* 29 TBA-d9 (IS)	65	2.010	2.017	-0.007	0	189464	1000.0	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	98	1273	0.4075	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.977	0.000	95	111253	57.6	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	193755	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	143219	58.5	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	376308	50.0	
65 Trichloroethene	130	3.764	3.757	0.007	91	1083	0.3464	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	19618	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	472729	57.2	
82 Tetrachloroethene	166	5.627	5.620	0.007	96	25438	8.32	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	334301	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	89	147546	55.8	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	97	183719	50.0	
S 134 1,2-Dichloroethene, Total	100				0		0.4075	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54838.D

Injection Date: 20-Dec-2018 16:08:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-B-10

Lab Sample ID: 460-171555-10

Worklist Smp#: 21

Client ID: FSMW-8A 12122018

Purge Vol: 5.000 mL

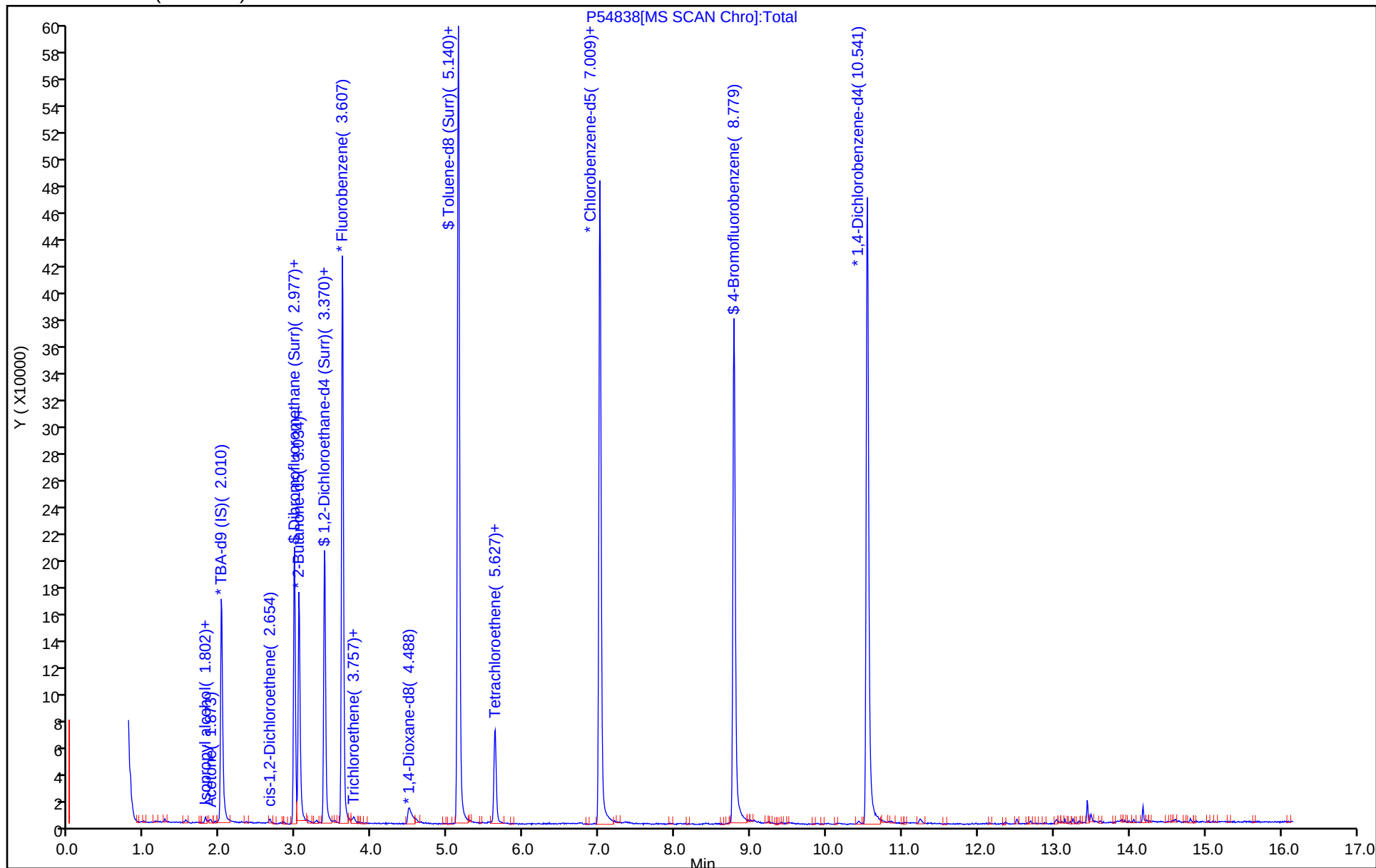
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54838.D

Injection Date: 20-Dec-2018 16:08:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-10

Lab Sample ID: 460-171555-10

Client ID: FSMW-8A 12122018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

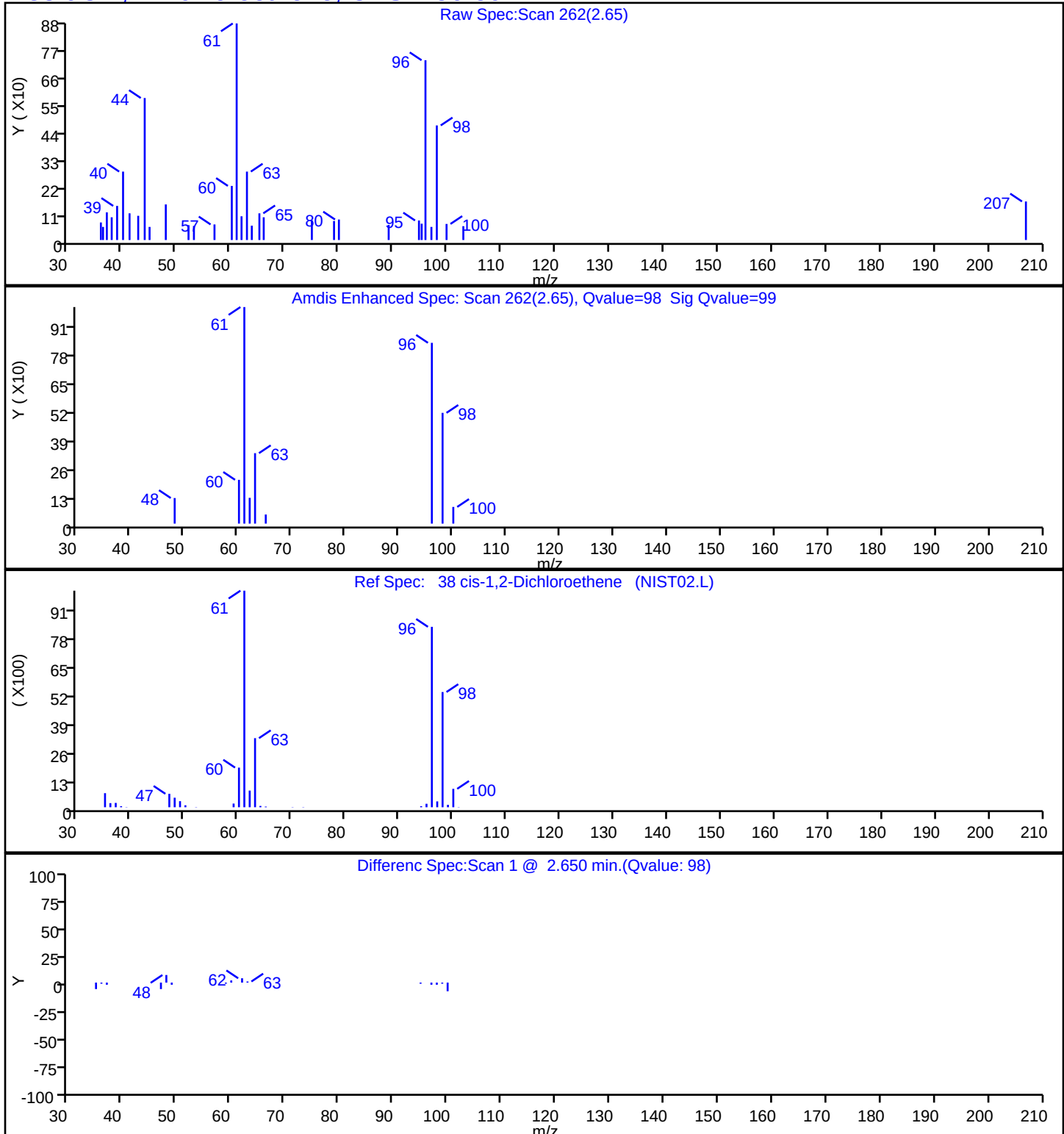
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54838.D

Injection Date: 20-Dec-2018 16:08:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-10

Lab Sample ID: 460-171555-10

Client ID: FSMW-8A 12122018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

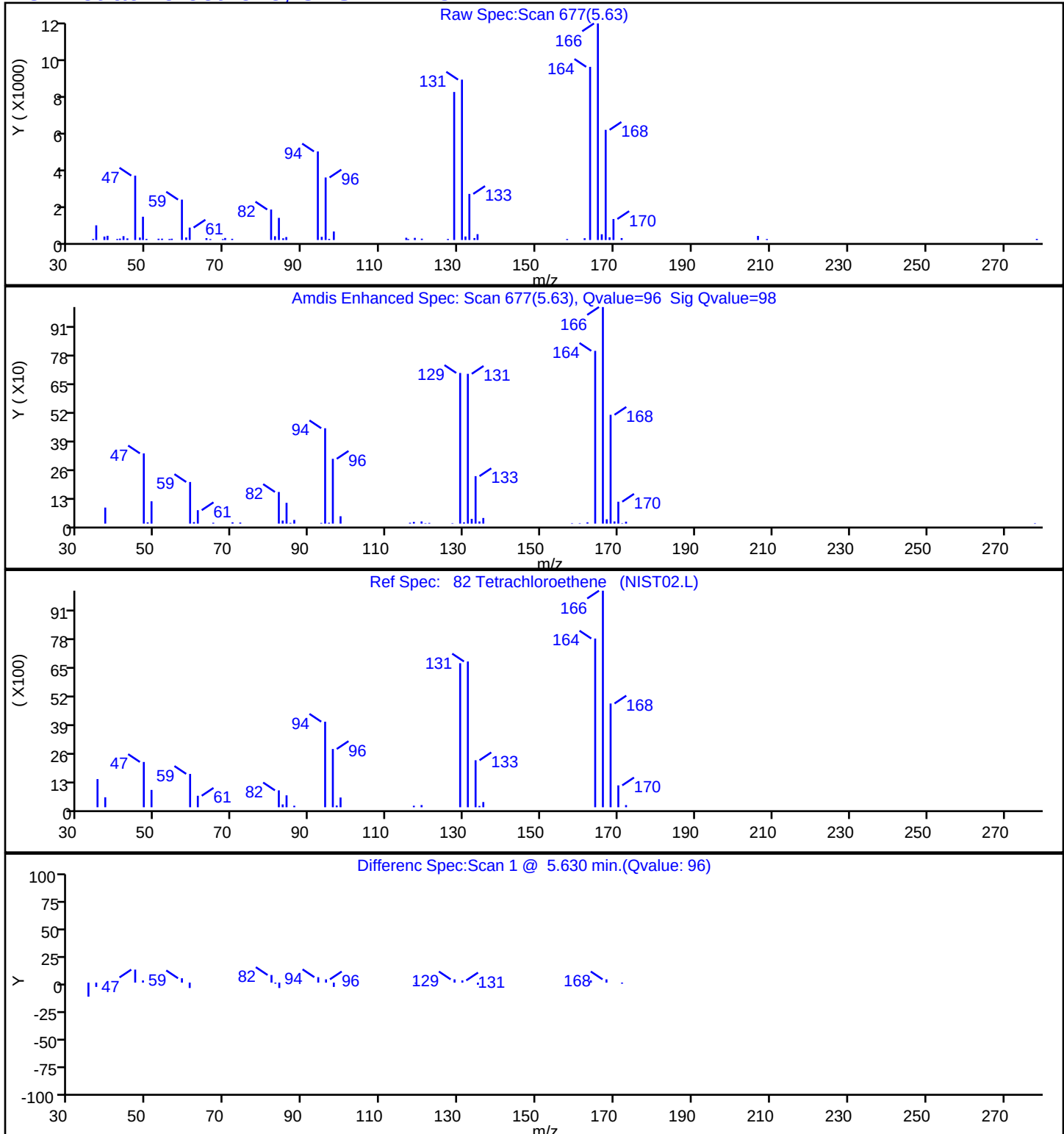
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54838.D

Injection Date: 20-Dec-2018 16:08:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-10

Lab Sample ID: 460-171555-10

Client ID: FSMW-8A 12122018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

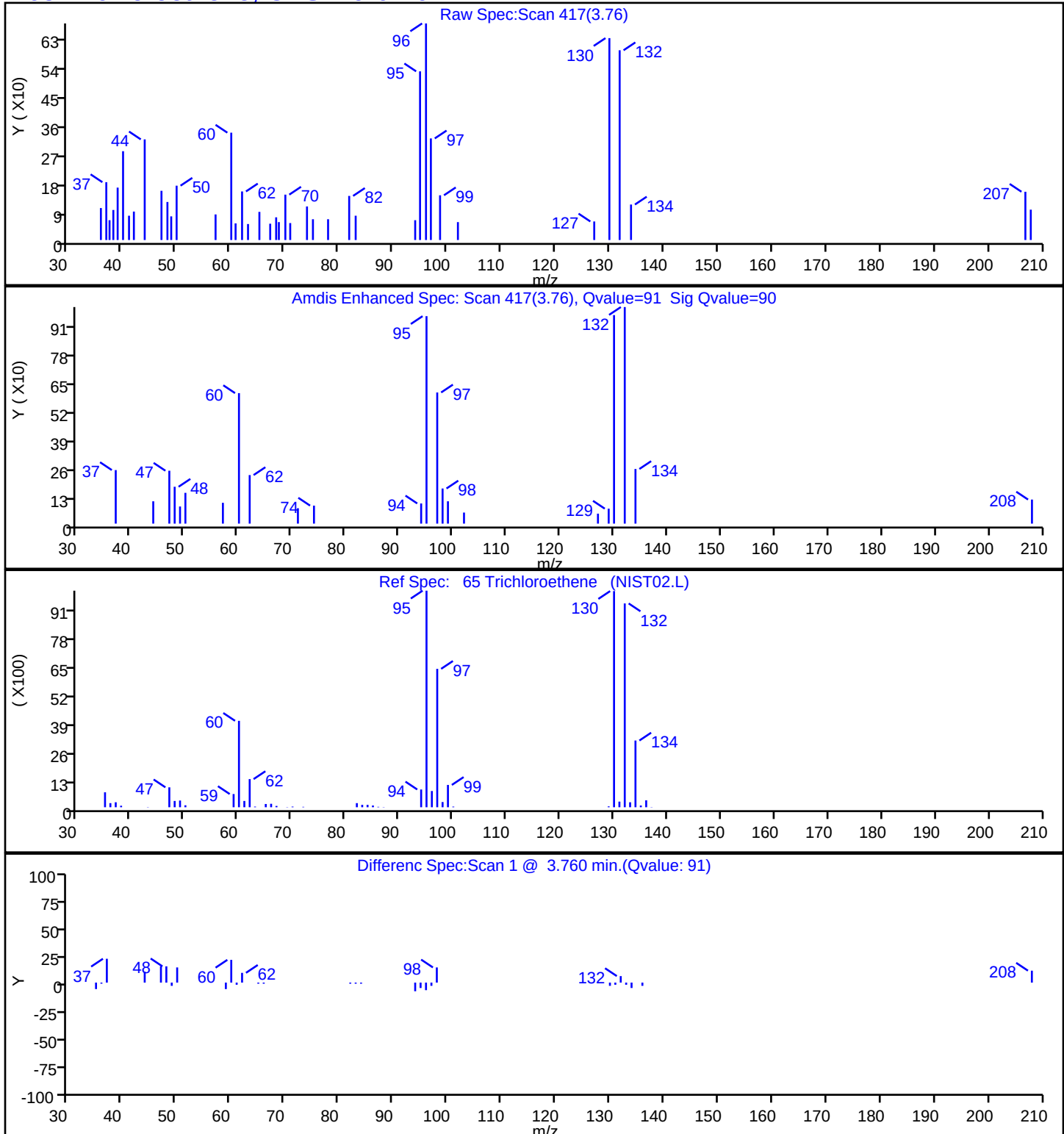
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54838.D

Injection Date: 20-Dec-2018 16:08:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-10

Lab Sample ID: 460-171555-10

Client ID: FSMW-8A 12122018

Operator ID:

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

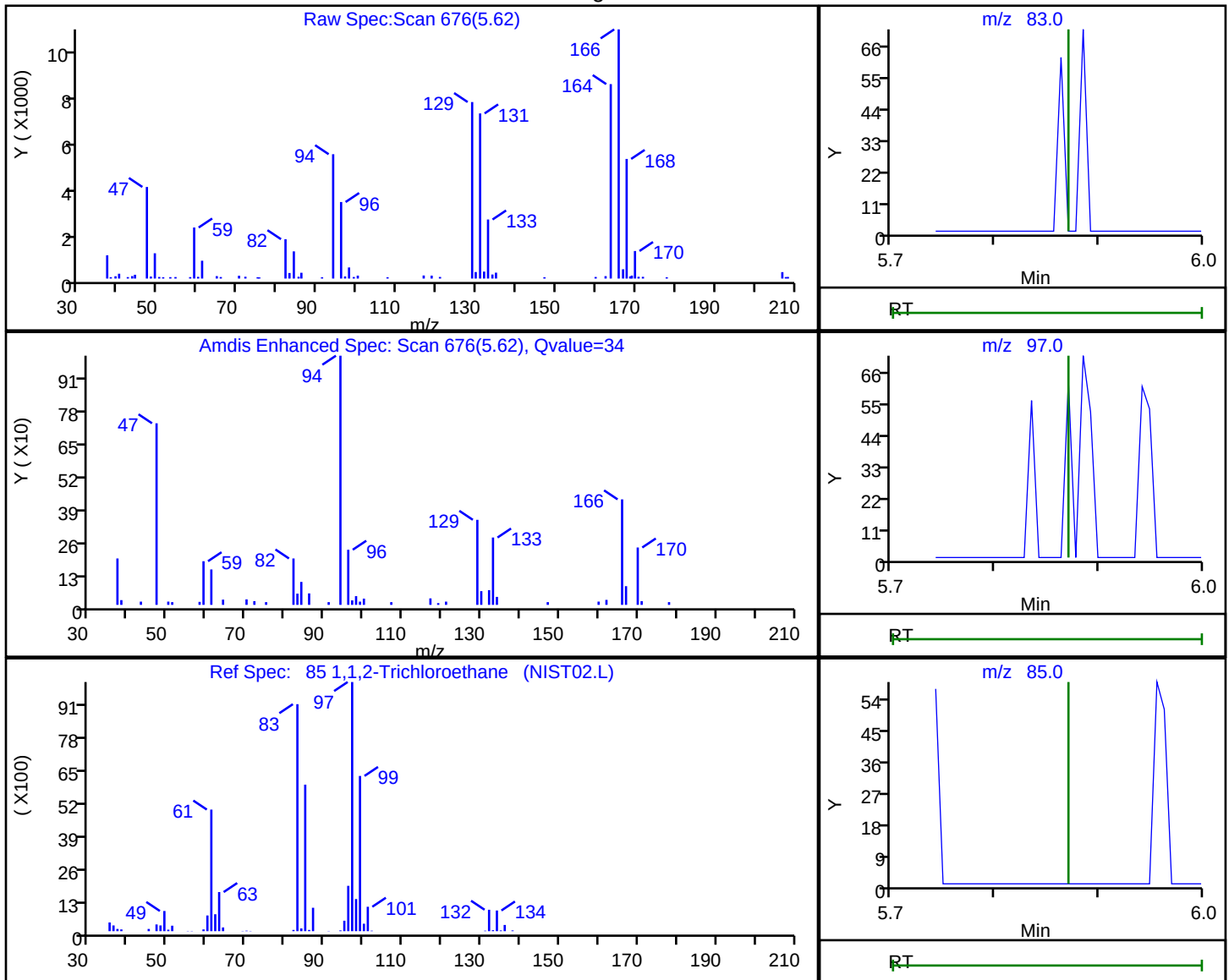
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.62	83.00	345	0.153609
5.63	97.00	64	
5.63	85.00	73	

Reviewer: smithra, 20-Dec-2018 20:41:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>TB01 12112018</u>	Lab Sample ID: <u>460-171555-11</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54767.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 08:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>12/19/2018 01:19</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U *	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: TB01 12112018 Lab Sample ID: 460-171555-11
Matrix: Water Lab File ID: P54767.D
Analysis Method: 8260C Date Collected: 12/11/2018 08:00
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 01:19
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	117		72-131
2037-26-5	Toluene-d8 (Surr)	113		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54767.D
 Lims ID: 460-171555-A-11
 Client ID: TB01 12112018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 01:19:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-11
 Misc. Info.: 460-0083832-012
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: desais

Date: 19-Dec-2018 10:47:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	87	2917	3.94	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	195665	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.969	0.007	95	121158	58.6	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	201503	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	142098	59.8	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	464992	50.0	
* 72 1,4-Dioxane-d8	96	4.488	4.481	0.007	0	22693	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	483010	56.4	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	401627	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	86	133306	47.3	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	96	214062	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54767.D

Injection Date: 19-Dec-2018 01:19:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-11

Lab Sample ID: 460-171555-11

Worklist Smp#: 12

Client ID: TB01 12112018

Purge Vol: 5.000 mL

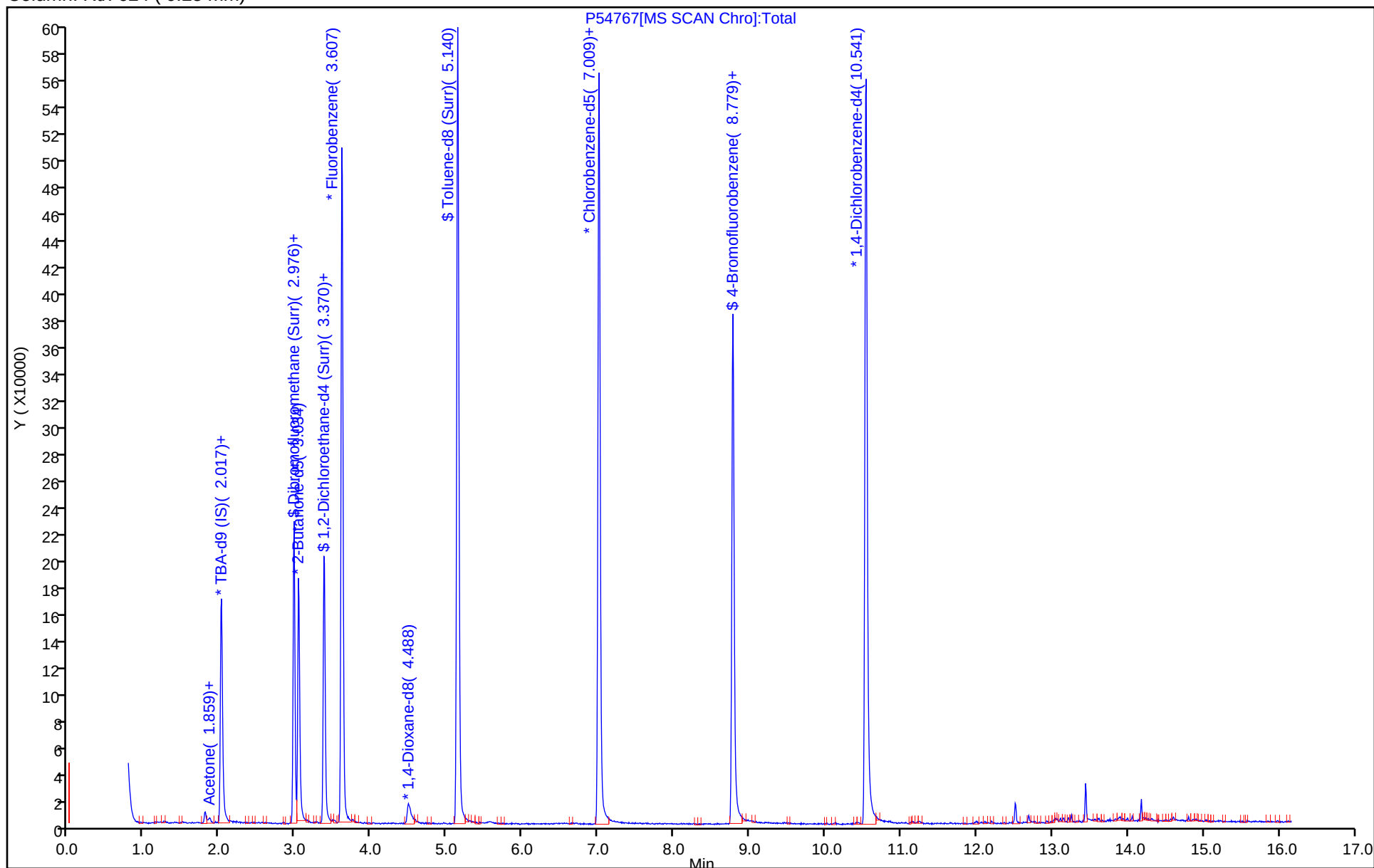
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FB02 12122018</u>	Lab Sample ID: <u>460-171555-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54837.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/12/2018 11:10</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>12/20/2018 15:43</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>577330</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	2.7	J	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	1.3		1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FB02 12122018 Lab Sample ID: 460-171555-12
Matrix: Water Lab File ID: P54837.D
Analysis Method: 8260C Date Collected: 12/12/2018 11:10
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 15:43
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54837.D
 Lims ID: 460-171555-B-12
 Client ID: FB02 12122018
 Sample Type: Client
 Inject. Date: 20-Dec-2018 15:43:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-B-12
 Misc. Info.: 460-0083907-020
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Jan-2019 09:19:25 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: smithra

Date: 20-Dec-2018 20:44:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Methylene Chloride	84	1.845	1.845	0.000	98	5104	1.31	
24 Acetone	43	1.866	1.859	0.007	84	5110	4.41	
* 29 TBA-d9 (IS)	65	2.009	2.017	-0.008	0	220513	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.977	-0.001	95	112523	49.3	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	224191	250.0	
50 2-Butanone (MEK)	72	3.077	3.077	0.000	99	1068	2.65	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	143347	49.6	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	444622	50.0	
* 72 1,4-Dioxane-d8	96	4.495	4.488	0.007	0	25270	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	482135	49.3	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	395691	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	89	152246	48.7	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	96	217900	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54837.D

Injection Date: 20-Dec-2018 15:43:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-B-12

Lab Sample ID: 460-171555-12

Worklist Smp#: 20

Client ID: FB02 12122018

Purge Vol: 5.000 mL

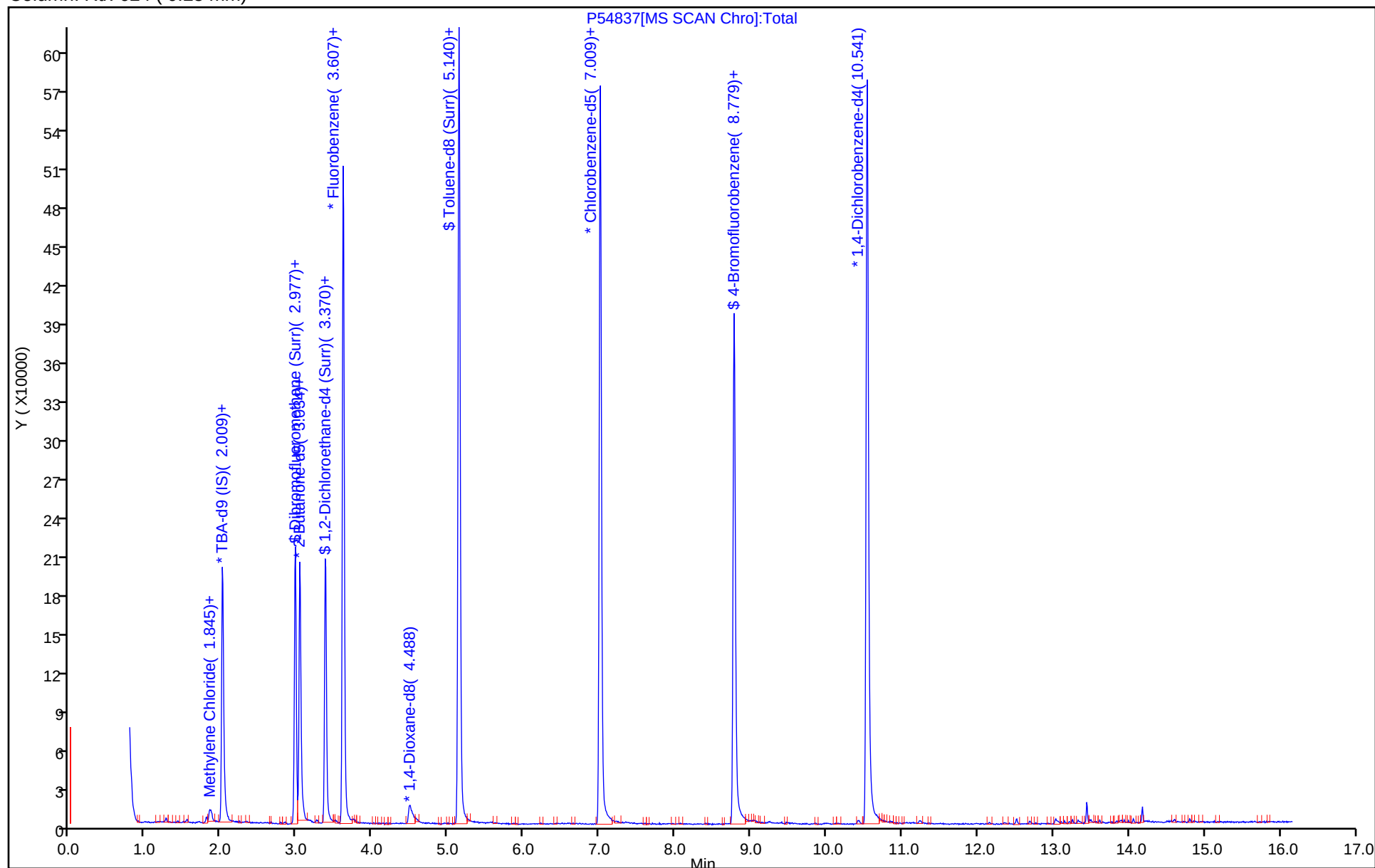
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54837.D

Injection Date: 20-Dec-2018 15:43:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-12

Lab Sample ID: 460-171555-12

Client ID: FB02 12122018

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

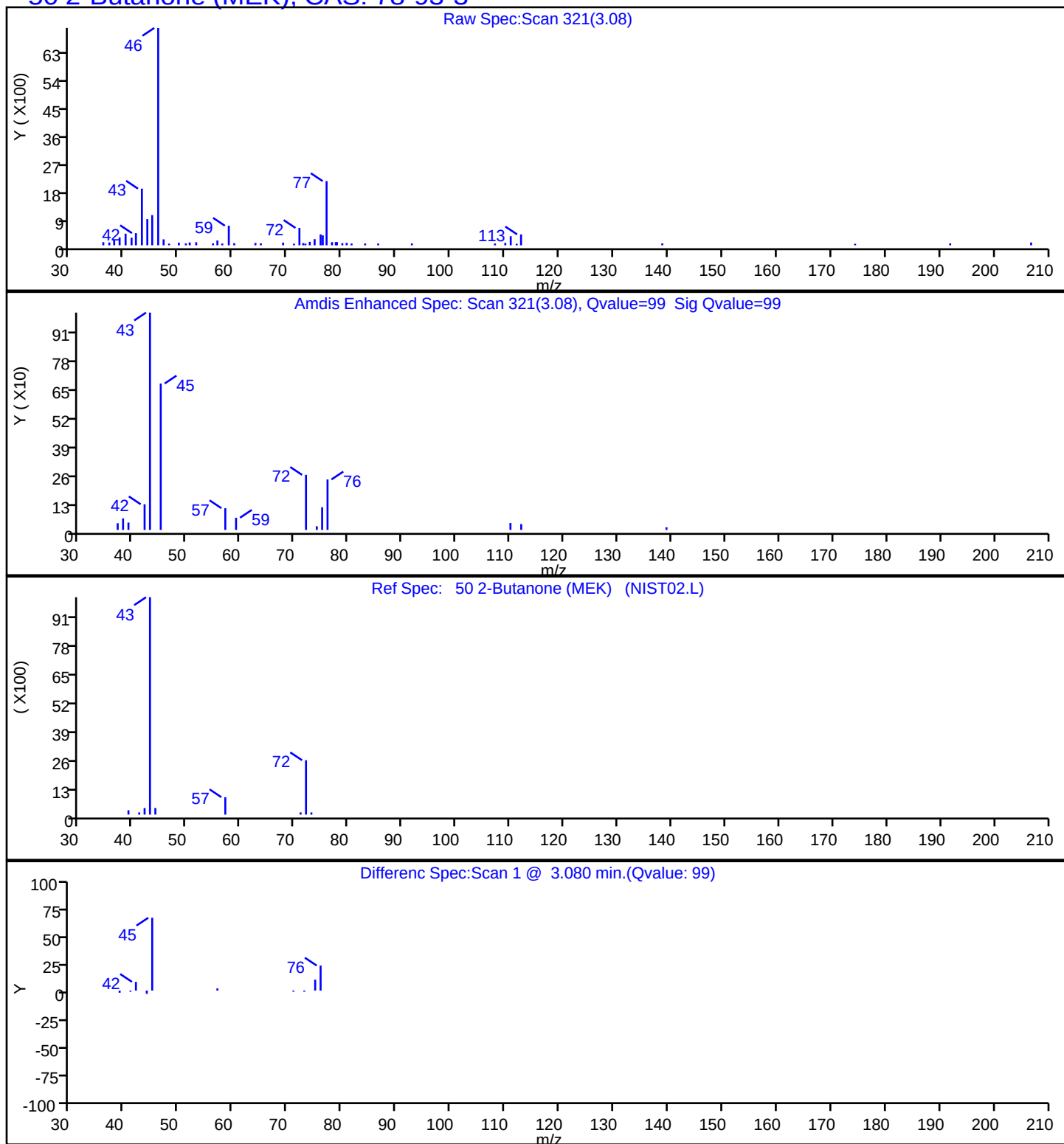
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 2-Butanone (MEK), CAS: 78-93-3

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54837.D

Injection Date: 20-Dec-2018 15:43:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-12

Lab Sample ID: 460-171555-12

Client ID: FB02 12122018

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

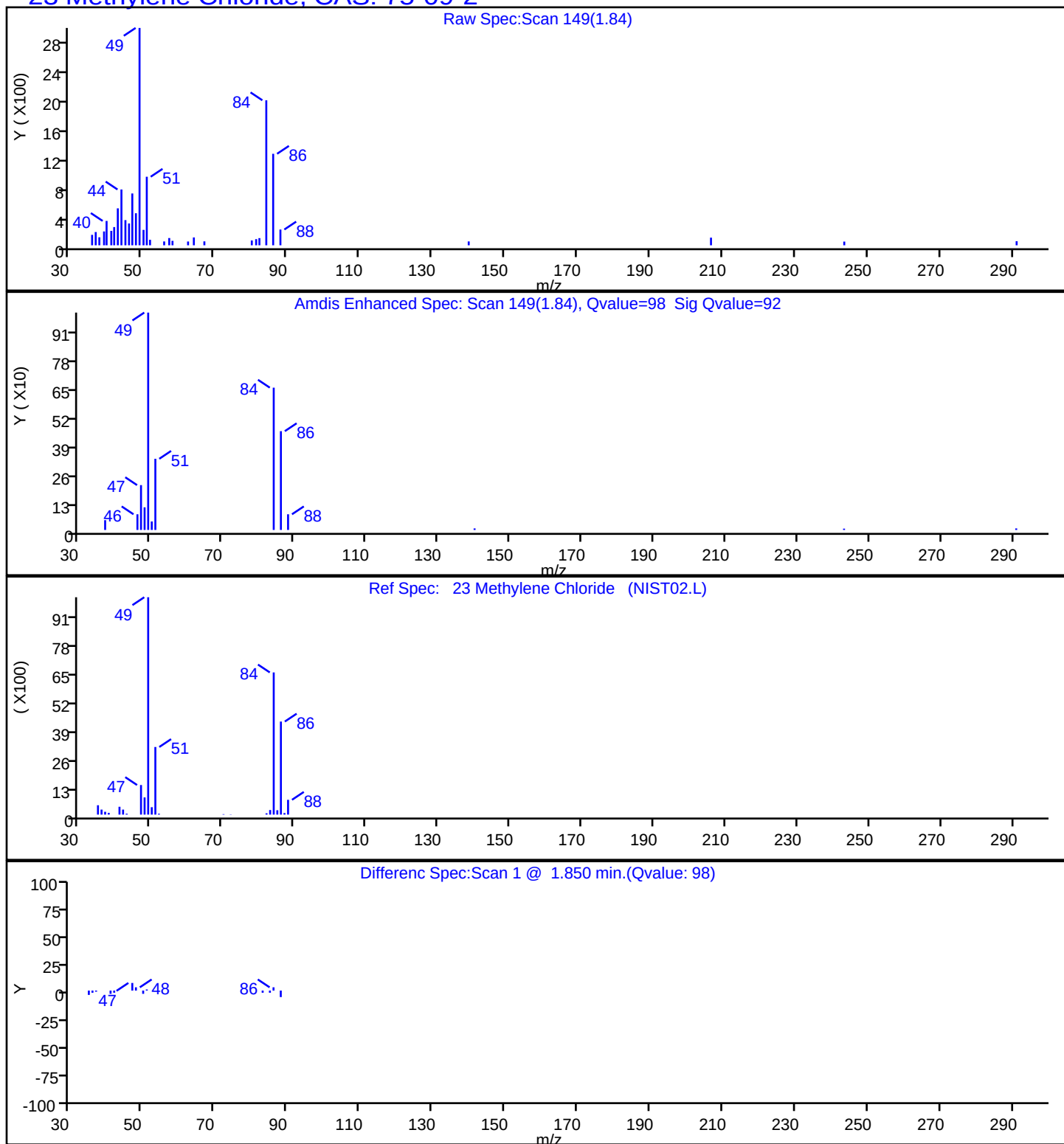
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

23 Methylene Chloride, CAS: 75-09-2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-13A 12122018</u>	Lab Sample ID: <u>460-171555-13</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54774.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/12/2018 11:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/19/2018 04:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.2		1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U *	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U *	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	10		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	280		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.32	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	10		1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-13A 12122018 Lab Sample ID: 460-171555-13
Matrix: Water Lab File ID: P54774.D
Analysis Method: 8260C Date Collected: 12/12/2018 11:50
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 04:16
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	114		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54774.D
 Lims ID: 460-171555-A-13
 Client ID: FSMW-13A 12122018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 04:16:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-13
 Misc. Info.: 460-0083832-019
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: xuyvo

Date: 20-Dec-2018 19:13:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	89	1658	2.11	
25 trans-1,2-Dichloroethene	96	1.938	1.931	0.007	95	952	0.3182	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	222509	1000.0	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	98	33612	10.0	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.969	0.007	94	116923	56.0	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	214114	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	143955	60.0	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	469493	50.0	
65 Trichloroethene	130	3.757	3.757	0.000	96	36279	10.5	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	90	3823	1.18	
* 72 1,4-Dioxane-d8	96	4.488	4.481	0.007	0	24200	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	484640	56.8	
82 Tetrachloroethene	166	5.620	5.620	0.000	92	946098	277.2	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	399926	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	87	136896	48.8	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	97	216352	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54774.D

Injection Date: 19-Dec-2018 04:16:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-13

Lab Sample ID: 460-171555-13

Worklist Smp#: 19

Client ID: FSMW-13A 12122018

Purge Vol: 5.000 mL

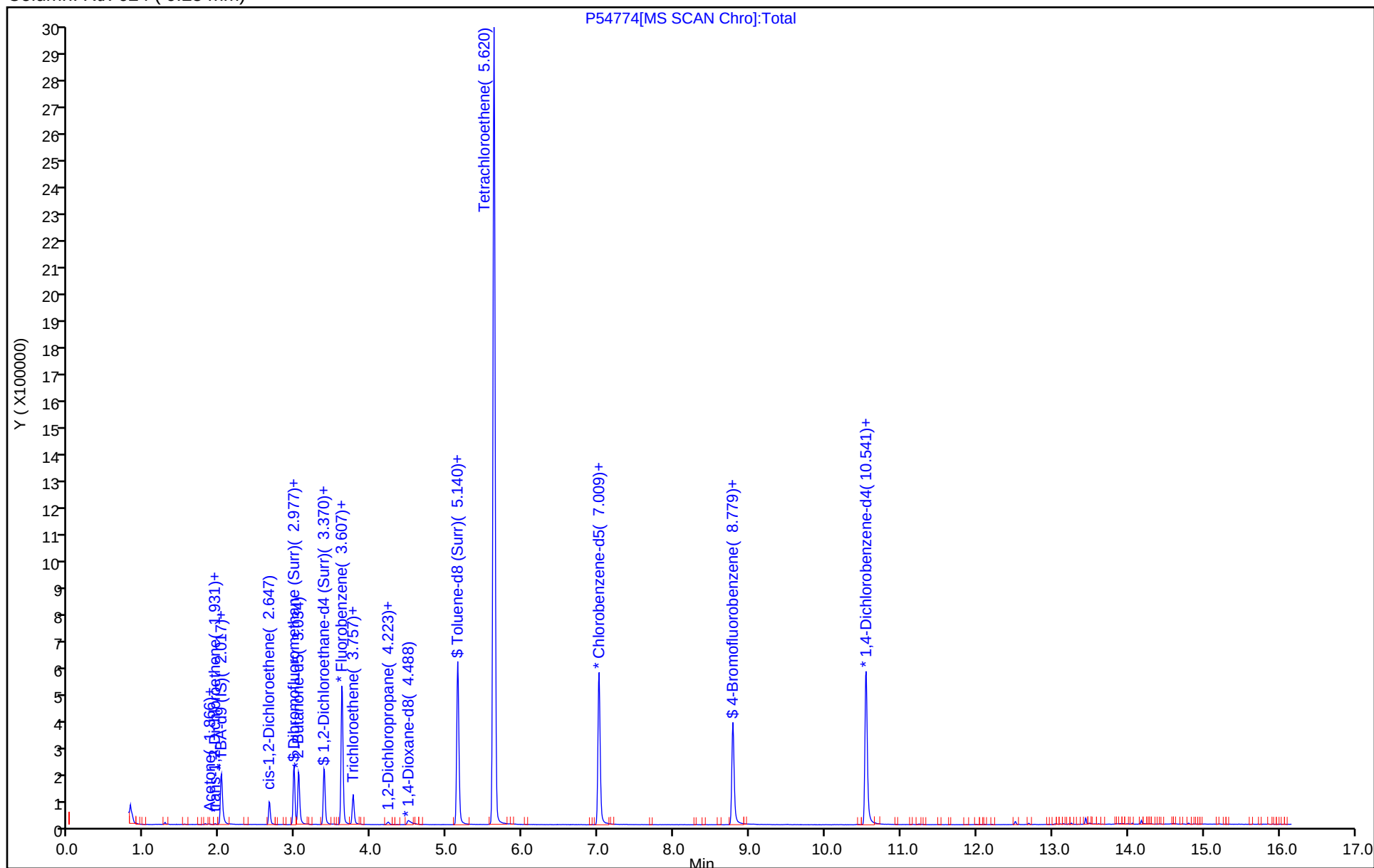
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54774.D

Injection Date: 19-Dec-2018 04:16:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-13

Lab Sample ID: 460-171555-13

Client ID: FSMW-13A 12122018

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

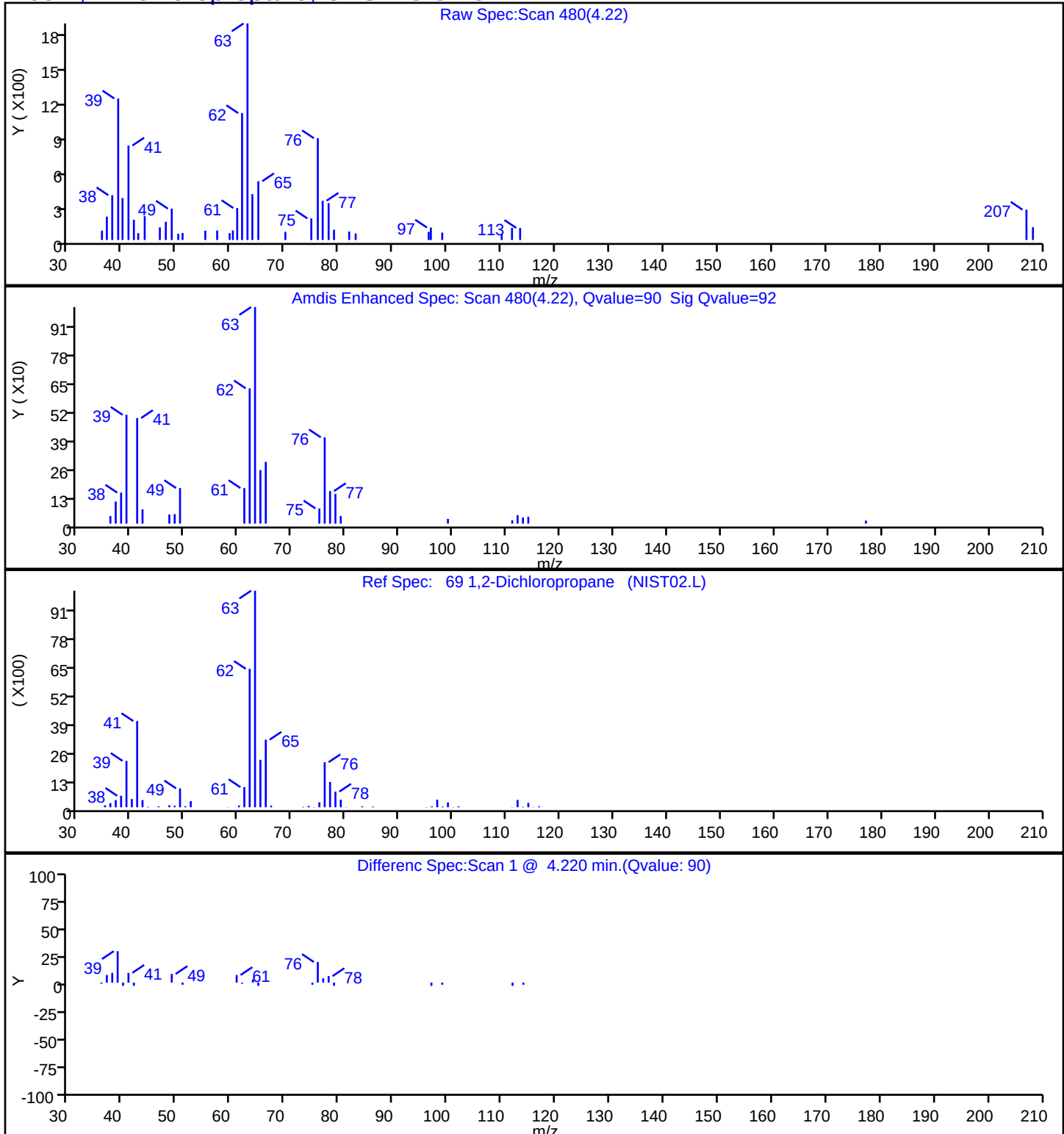
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

69 1,2-Dichloropropane, CAS: 78-87-5

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54774.D

Injection Date: 19-Dec-2018 04:16:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-13

Lab Sample ID: 460-171555-13

Client ID: FSMW-13A 12122018

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

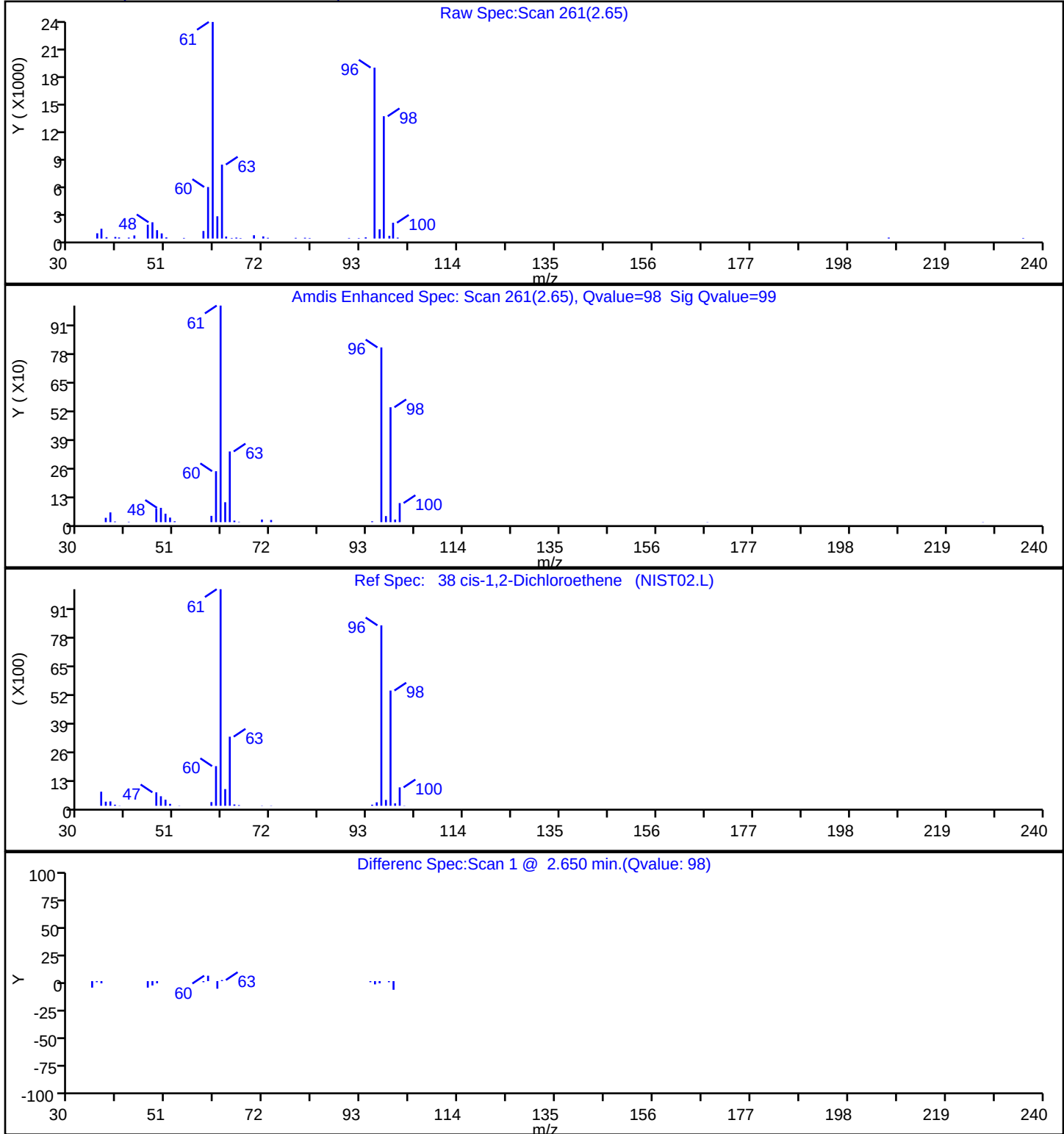
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54774.D

Injection Date: 19-Dec-2018 04:16:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-13

Lab Sample ID: 460-171555-13

Client ID: FSMW-13A 12122018

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

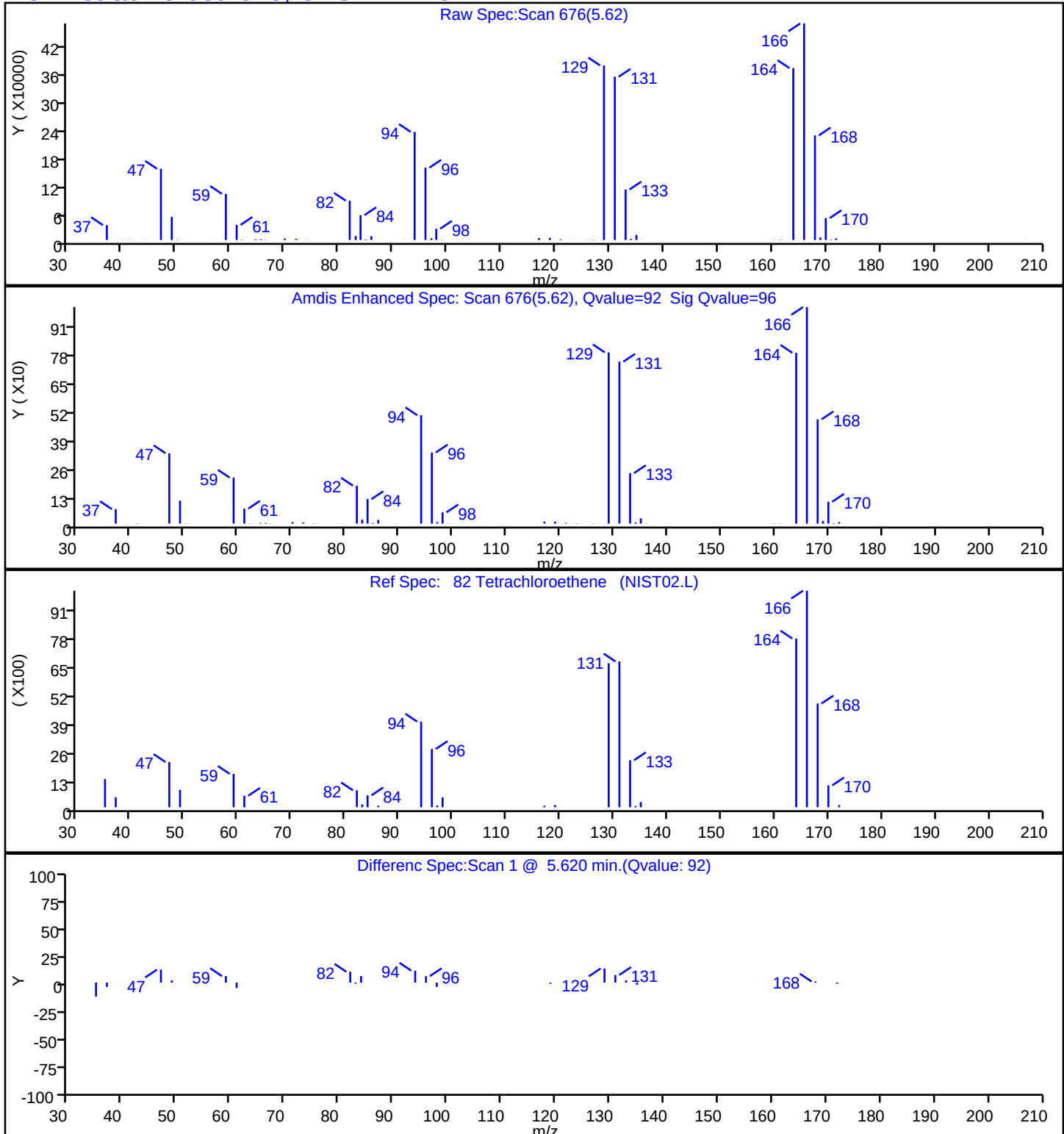
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54774.D

Injection Date: 19-Dec-2018 04:16:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-13

Lab Sample ID: 460-171555-13

Client ID: FSMW-13A 12122018

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

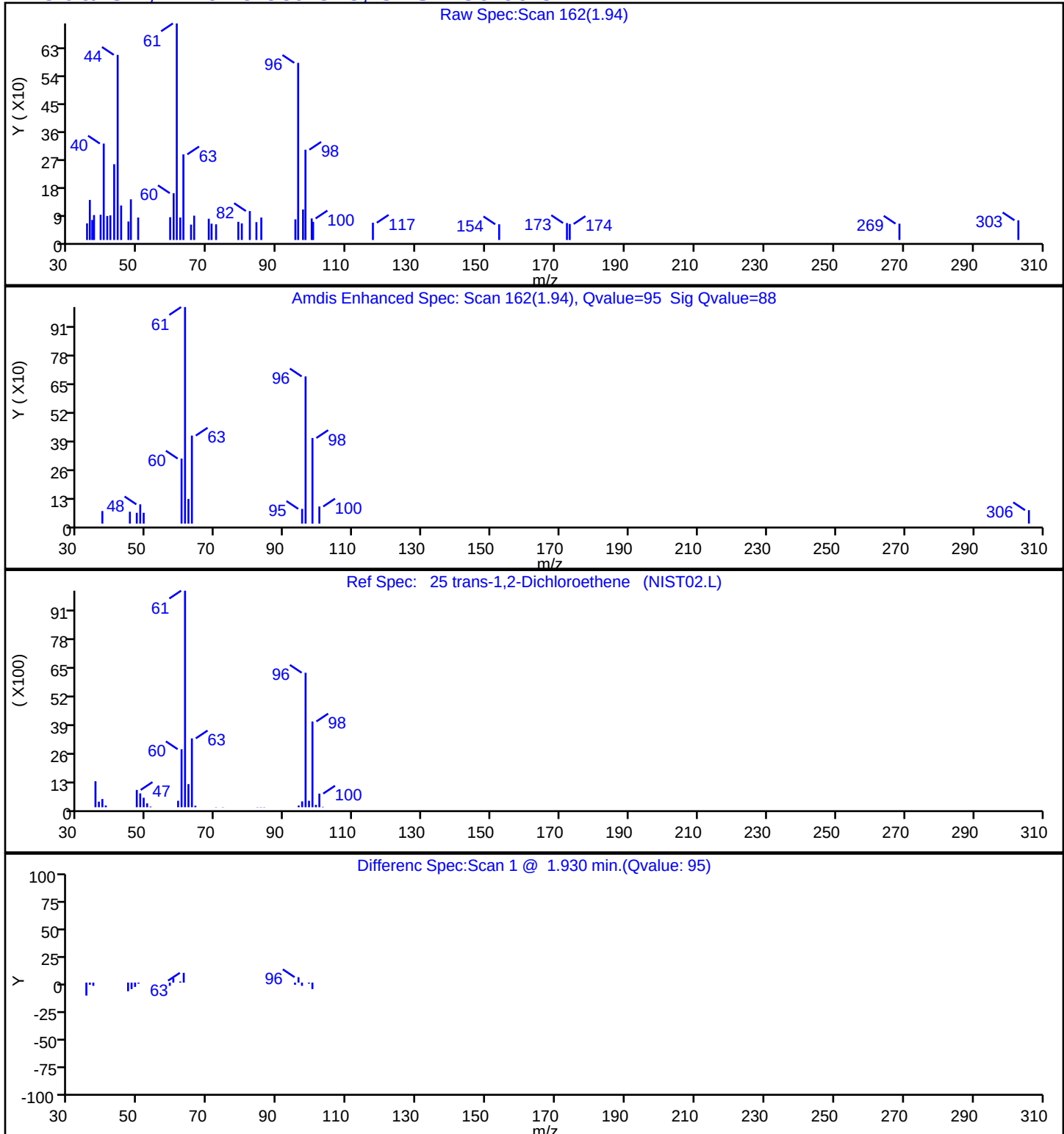
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 trans-1,2-Dichloroethene, CAS: 156-60-5

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54774.D

Injection Date: 19-Dec-2018 04:16:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-13

Lab Sample ID: 460-171555-13

Client ID: FSMW-13A 12122018

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

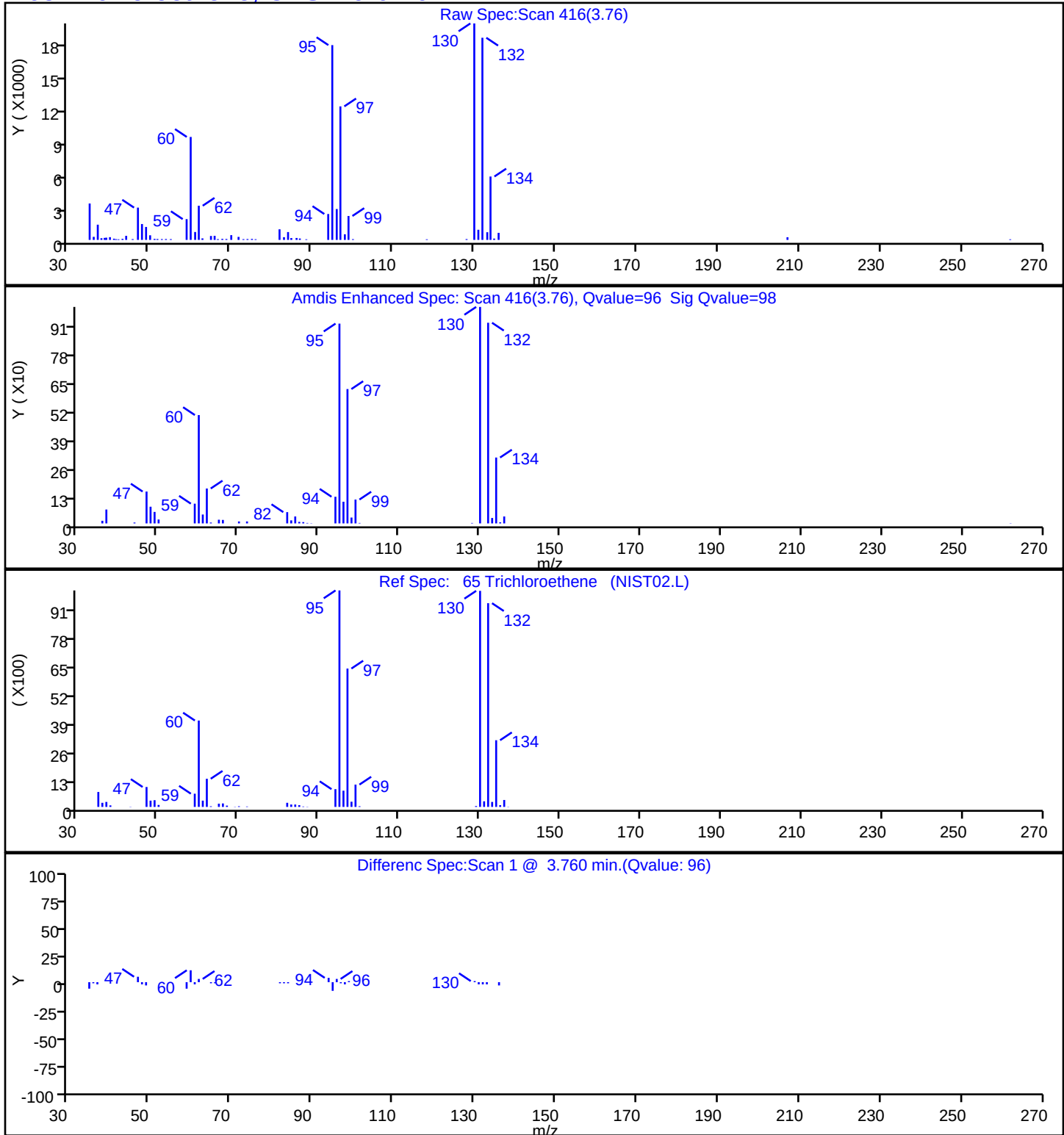
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54774.D

Injection Date: 19-Dec-2018 04:16:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-13

Lab Sample ID: 460-171555-13

Client ID: FSMW-13A 12122018

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

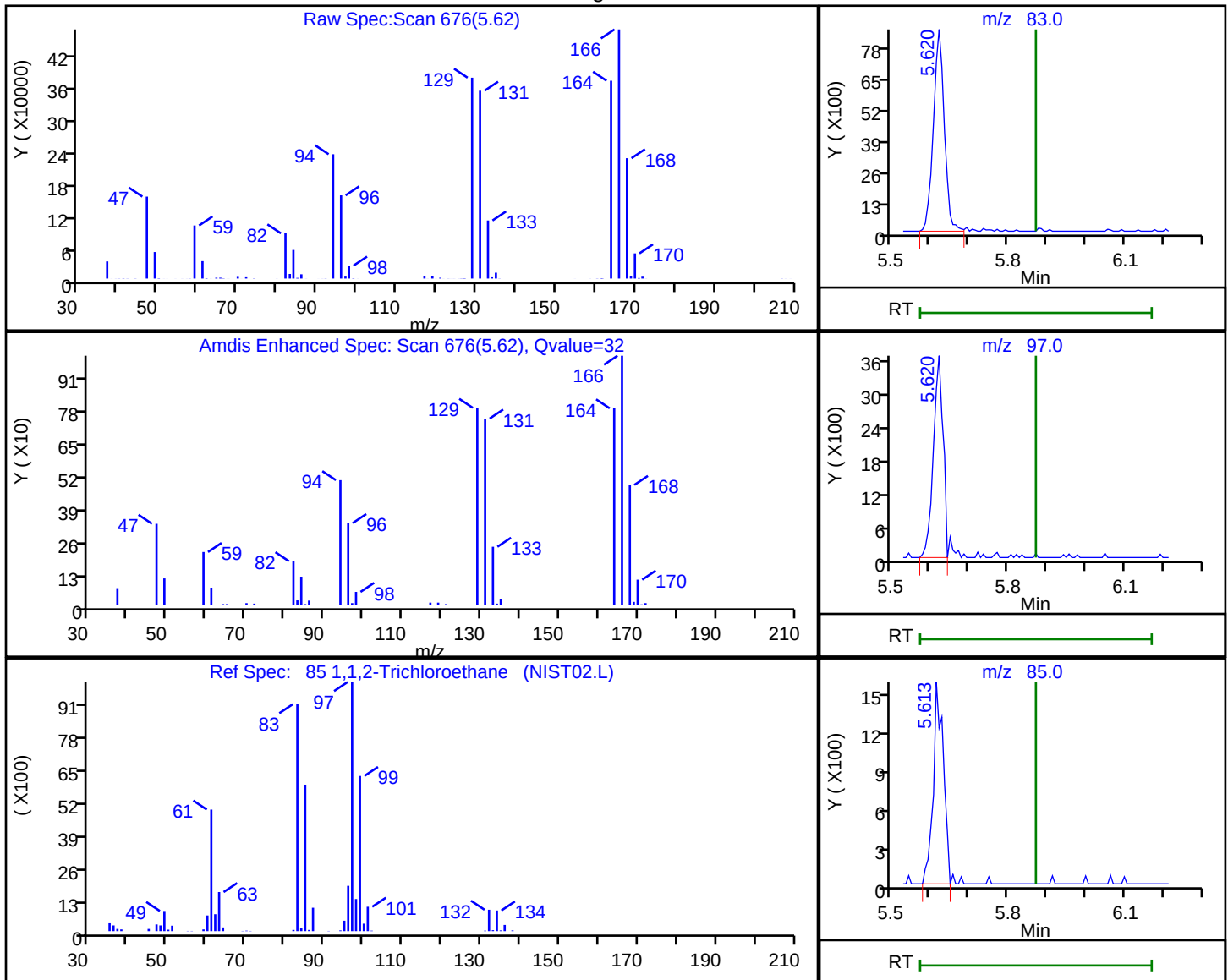
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.62	83.00	16906	7.584416
5.62	97.00	6413	
5.61	85.00	2857	

Reviewer: desais, 19-Dec-2018 10:54:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-14A 12122018</u>	Lab Sample ID: <u>460-171555-14</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54841.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/12/2018 12:40</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>12/20/2018 17:24</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>577330</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.4	U	10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	3.7	U	10	3.7
79-00-5	1,1,2-Trichloroethane	4.3	U	10	4.3
75-34-3	1,1-Dichloroethane	2.6	U	10	2.6
75-35-4	1,1-Dichloroethene	1.2	U	10	1.2
107-06-2	1,2-Dichloroethane	4.3	U	10	4.3
78-87-5	1,2-Dichloropropane	3.5	U	10	3.5
78-93-3	2-Butanone (MEK)	19	U	50	19
591-78-6	2-Hexanone	29	U	50	29
108-10-1	4-Methyl-2-pentanone (MIBK)	27	U	50	27
67-64-1	Acetone	52	B	50	50
71-43-2	Benzene	4.3	U	10	4.3
75-27-4	Bromodichloromethane	3.4	U	10	3.4
75-25-2	Bromoform	5.4	U	10	5.4
74-83-9	Bromomethane	10	U *	10	10
75-15-0	Carbon disulfide	1.6	U	10	1.6
56-23-5	Carbon tetrachloride	2.1	U	10	2.1
108-90-7	Chlorobenzene	3.8	U	10	3.8
74-97-5	Chlorobromomethane	4.1	U	10	4.1
75-00-3	Chloroethane	3.2	U	10	3.2
67-66-3	Chloroform	3.3	U	10	3.3
74-87-3	Chloromethane	1.4	U *	10	1.4
156-59-2	cis-1,2-Dichloroethene	2.7	J	10	2.2
10061-01-5	cis-1,3-Dichloropropene	4.6	U	10	4.6
100-41-4	Ethylbenzene	3.0	U	10	3.0
75-09-2	Methylene Chloride	3.2	U	10	3.2
100-42-5	Styrene	4.2	U	10	4.2
127-18-4	Tetrachloroethene	2900		10	2.5
108-88-3	Toluene	3.8	U	10	3.8
156-60-5	trans-1,2-Dichloroethene	2.4	U	10	2.4
10061-02-6	trans-1,3-Dichloropropene	4.9	U	10	4.9
79-01-6	Trichloroethene	42		10	3.1
75-01-4	Vinyl chloride	1.7	U	10	1.7
1330-20-7	Xylenes, Total	6.5	U	20	6.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-14A 12122018 Lab Sample ID: 460-171555-14
Matrix: Water Lab File ID: P54841.D
Analysis Method: 8260C Date Collected: 12/12/2018 12:40
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 17:24
Soil Aliquot Vol: _____ Dilution Factor: 10
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		74-132
460-00-4	4-Bromofluorobenzene	99		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54841.D
 Lims ID: 460-171555-B-14
 Client ID: FSMW-14A 12122018
 Sample Type: Client
 Inject. Date: 20-Dec-2018 17:24:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-171555-B-14
 Misc. Info.: 460-0083907-024
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Jan-2019 09:19:25 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: smithra

Date: 20-Dec-2018 21:05:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	87	5626	5.23	
* 29 TBA-d9 (IS)	65	2.010	2.017	-0.007	0	212418	1000.0	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	96	955	0.2686	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.977	0.000	96	111097	50.6	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	216101	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.371	0.000	0	139738	50.2	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	428215	50.0	
65 Trichloroethene	130	3.757	3.757	0.000	96	14811	4.16	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	20918	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	480955	50.4	
82 Tetrachloroethene	166	5.620	5.620	0.000	96	1015733	287.6	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	386252	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	90	151166	49.5	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	96	213550	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54841.D

Injection Date: 20-Dec-2018 17:24:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-B-14

Lab Sample ID: 460-171555-14

Worklist Smp#: 24

Client ID: FSMW-14A 12122018

Purge Vol: 5.000 mL

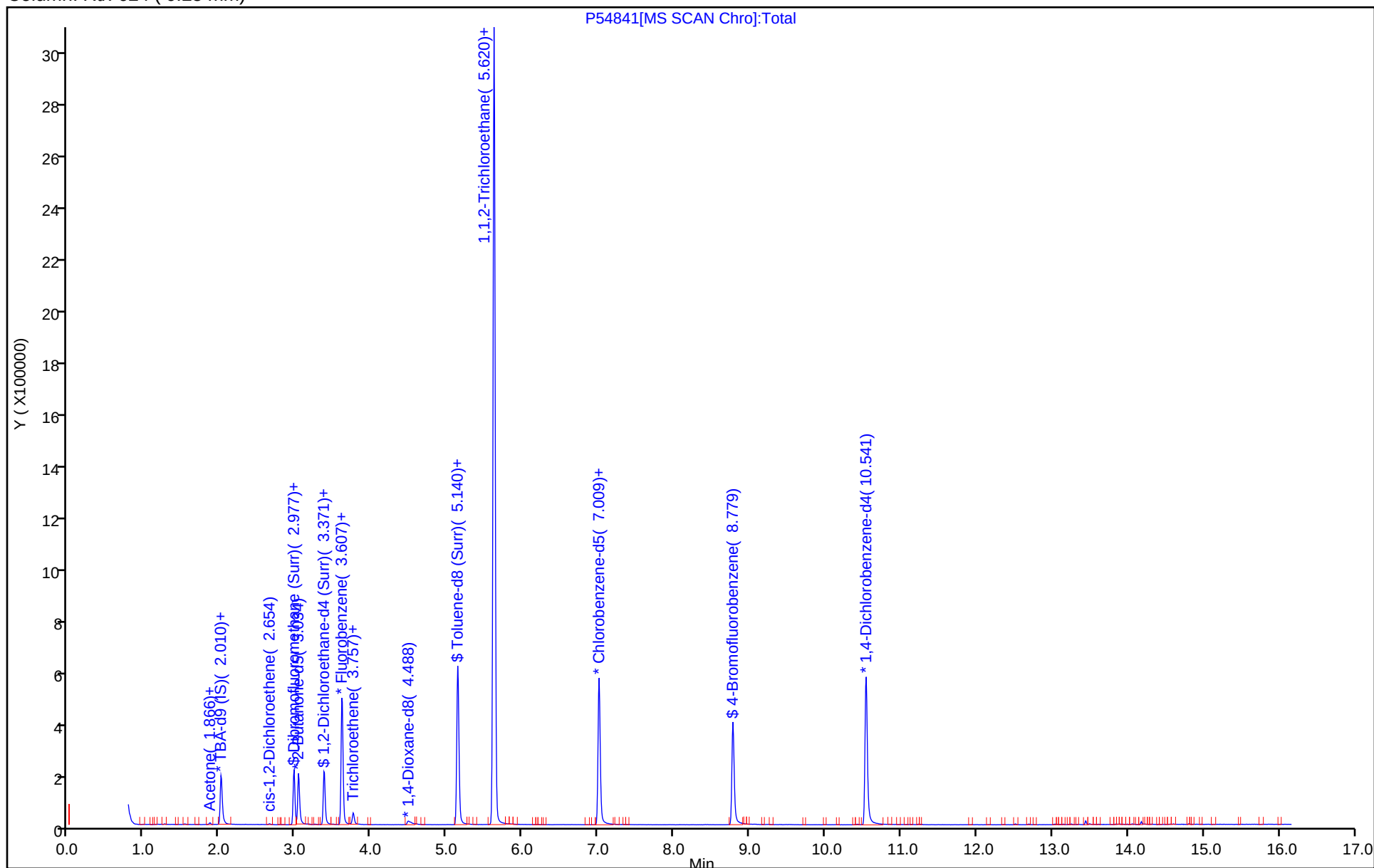
Dil. Factor: 10.0000

ALS Bottle#: 23

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54841.D

Injection Date: 20-Dec-2018 17:24:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-14

Lab Sample ID: 460-171555-14

Client ID: FSMW-14A 12122018

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

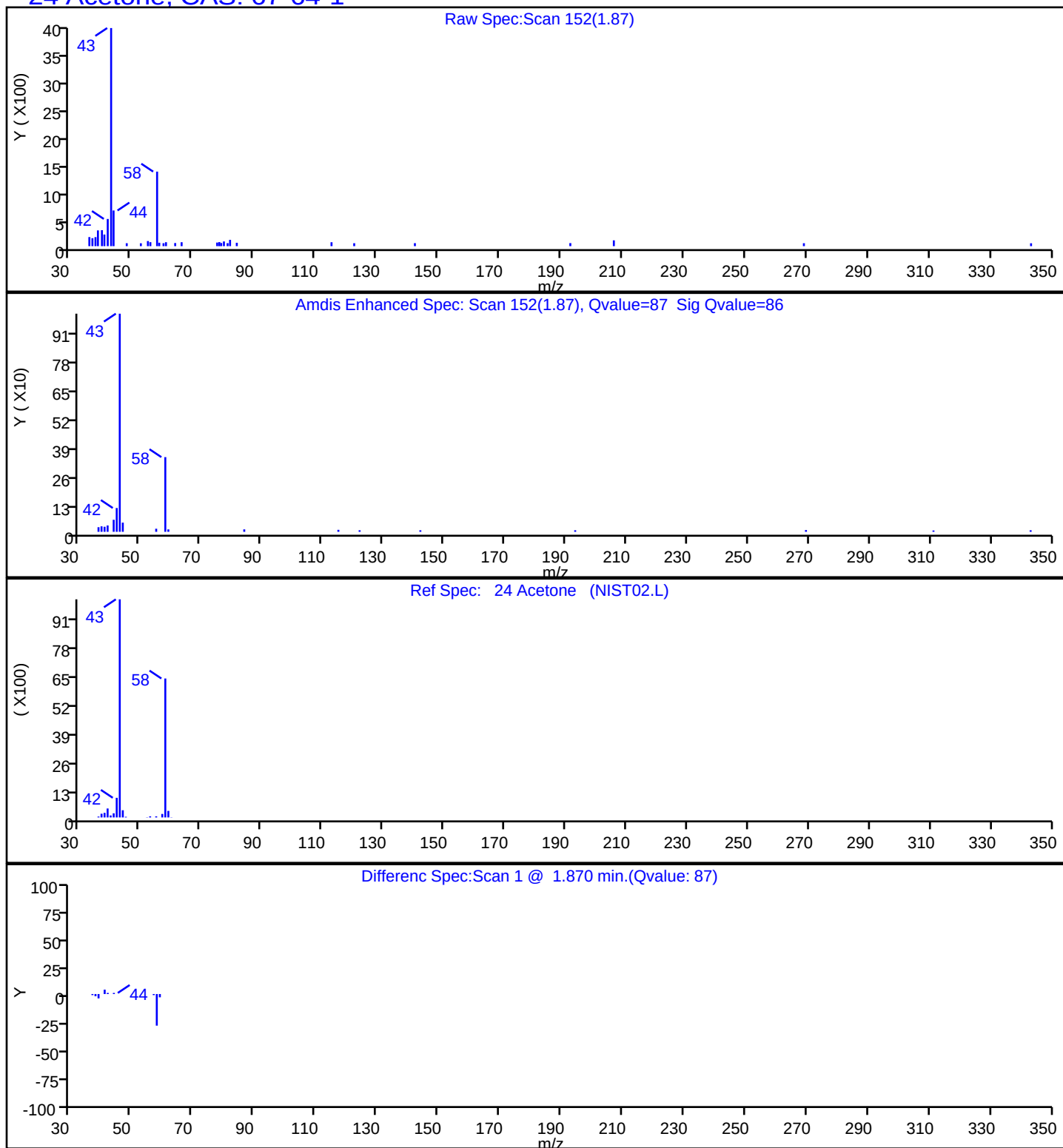
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

24 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54841.D

Injection Date: 20-Dec-2018 17:24:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-14

Lab Sample ID: 460-171555-14

Client ID: FSMW-14A 12122018

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_13

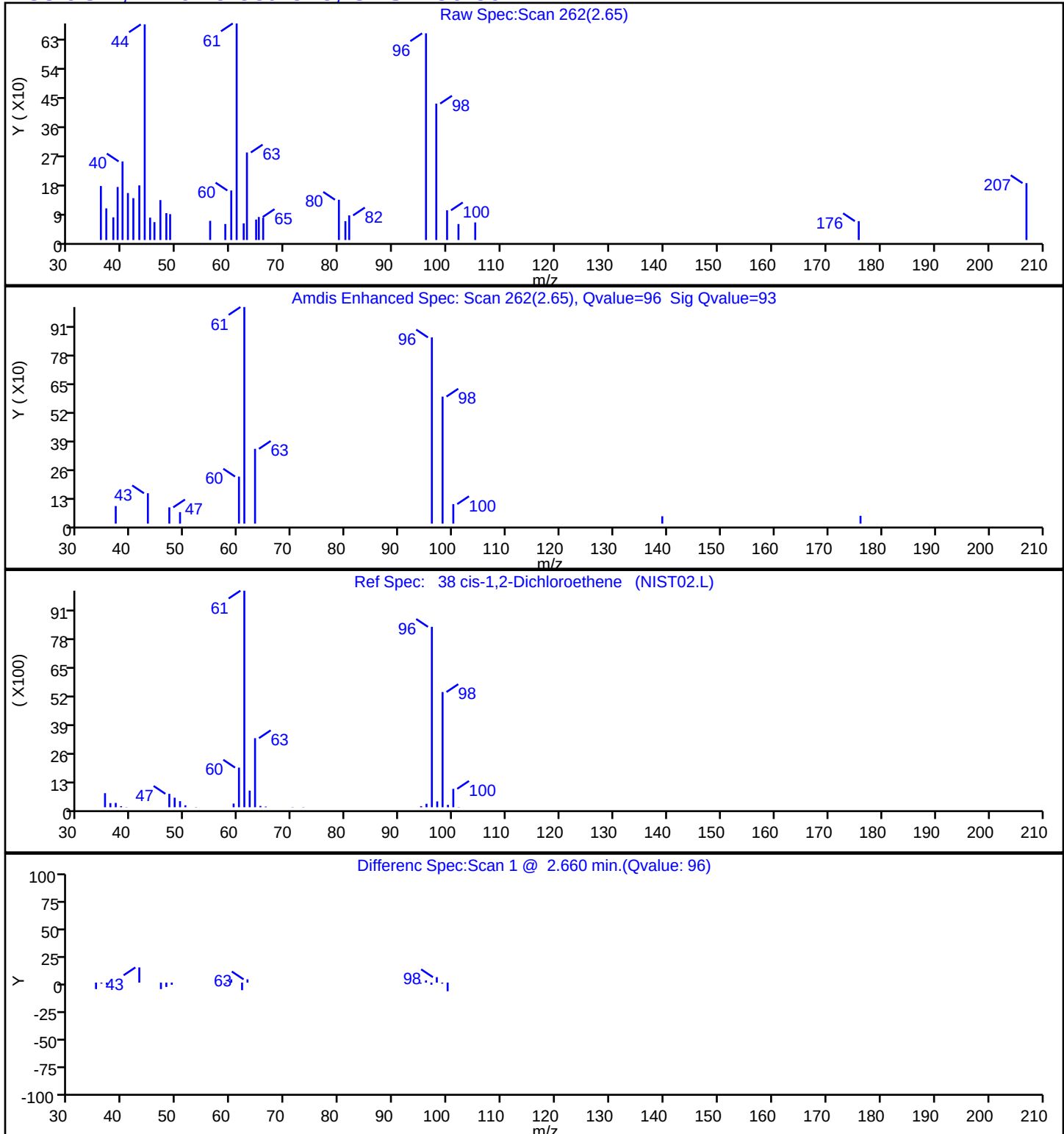
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54841.D

Injection Date: 20-Dec-2018 17:24:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-14

Lab Sample ID: 460-171555-14

Client ID: FSMW-14A 12122018

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_13

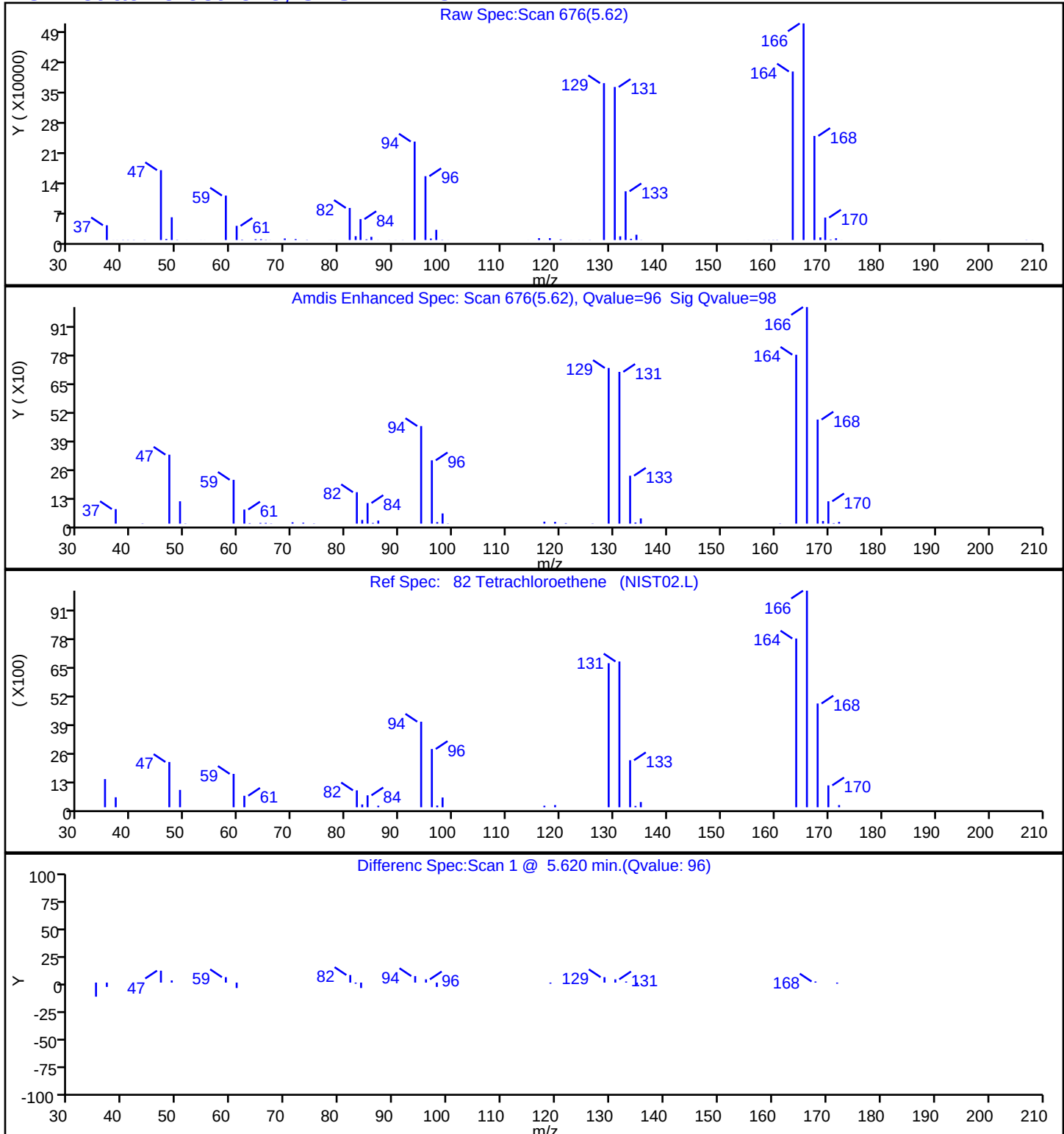
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54841.D

Injection Date: 20-Dec-2018 17:24:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-B-14

Lab Sample ID: 460-171555-14

Client ID: FSMW-14A 12122018

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_13

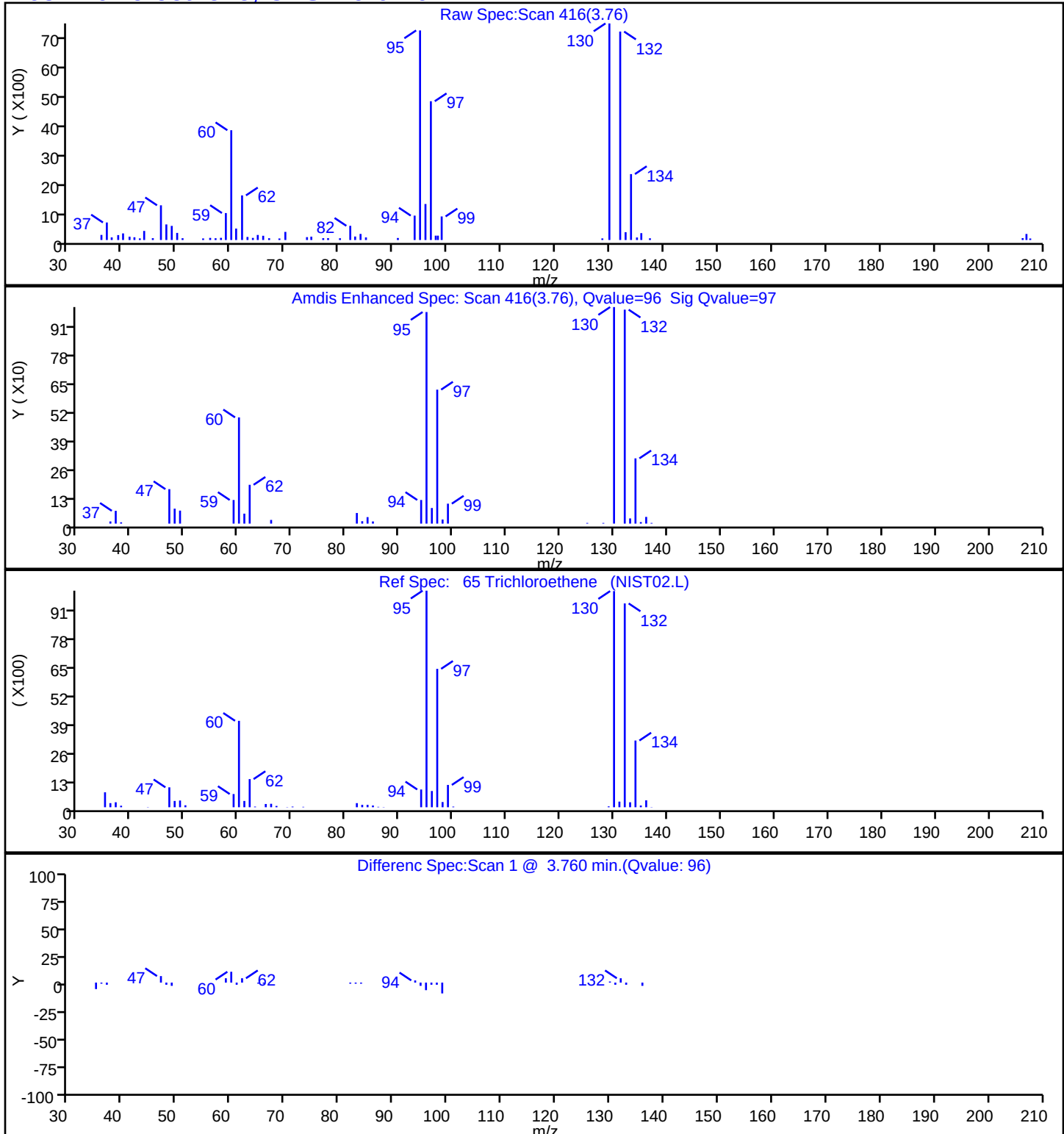
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-14B 12122018</u>	Lab Sample ID: <u>460-171555-15</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54776.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/12/2018 13:40</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>12/19/2018 05:07</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>5</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	5.0	1.8
79-00-5	1,1,2-Trichloroethane	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	1.3	U	5.0	1.3
75-35-4	1,1-Dichloroethene	0.59	U	5.0	0.59
107-06-2	1,2-Dichloroethane	2.2	U	5.0	2.2
78-87-5	1,2-Dichloropropane	1.8	U	5.0	1.8
78-93-3	2-Butanone (MEK)	9.3	U *	25	9.3
591-78-6	2-Hexanone	15	U	25	15
108-10-1	4-Methyl-2-pentanone (MIBK)	14	U	25	14
67-64-1	Acetone	29		25	25
71-43-2	Benzene	2.1	U	5.0	2.1
75-27-4	Bromodichloromethane	1.7	U	5.0	1.7
75-25-2	Bromoform	2.7	U	5.0	2.7
74-83-9	Bromomethane	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.78	U	5.0	0.78
56-23-5	Carbon tetrachloride	1.0	U	5.0	1.0
108-90-7	Chlorobenzene	1.9	U	5.0	1.9
74-97-5	Chlorobromomethane	2.1	U	5.0	2.1
75-00-3	Chloroethane	1.6	U	5.0	1.6
67-66-3	Chloroform	1.6	U	5.0	1.6
74-87-3	Chloromethane	0.72	U *	5.0	0.72
156-59-2	cis-1,2-Dichloroethene	7.8		5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	2.3	U	5.0	2.3
100-41-4	Ethylbenzene	1.5	U	5.0	1.5
75-09-2	Methylene Chloride	1.6	U	5.0	1.6
100-42-5	Styrene	2.1	U	5.0	2.1
127-18-4	Tetrachloroethene	1300		5.0	1.2
108-88-3	Toluene	1.9	U	5.0	1.9
156-60-5	trans-1,2-Dichloroethene	1.2	U	5.0	1.2
10061-02-6	trans-1,3-Dichloropropene	2.4	U	5.0	2.4
79-01-6	Trichloroethene	36		5.0	1.6
75-01-4	Vinyl chloride	0.86	U	5.0	0.86
1330-20-7	Xylenes, Total	3.3	U	10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-14B 12122018 Lab Sample ID: 460-171555-15
Matrix: Water Lab File ID: P54776.D
Analysis Method: 8260C Date Collected: 12/12/2018 13:40
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 05:07
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	115		72-131
2037-26-5	Toluene-d8 (Surr)	115		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54776.D
 Lims ID: 460-171555-A-15
 Client ID: FSMW-14B 12122018
 Sample Type: Client
 Inject. Date: 19-Dec-2018 05:07:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-171555-A-15
 Misc. Info.: 460-0083832-021
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: xuyvo

Date: 20-Dec-2018 19:14:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	86	4353	5.81	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	200238	1000.0	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	97	5200	1.56	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.969	0.007	95	119250	57.4	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	204139	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.378	3.371	0.007	0	145360	60.8	
* 62 Fluorobenzene	96	3.614	3.607	0.007	99	467747	50.0	
65 Trichloroethene	130	3.757	3.757	0.000	96	24696	7.16	
* 72 1,4-Dioxane-d8	96	4.502	4.481	0.021	0	23037	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	484261	57.5	
82 Tetrachloroethene	166	5.620	5.620	0.000	93	869401	258.0	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	394851	50.0	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	86	136385	49.2	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	97	210991	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54776.D

Injection Date: 19-Dec-2018 05:07:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-171555-A-15

Lab Sample ID: 460-171555-15

Worklist Smp#: 21

Client ID: FSMW-14B 12122018

Purge Vol: 5.000 mL

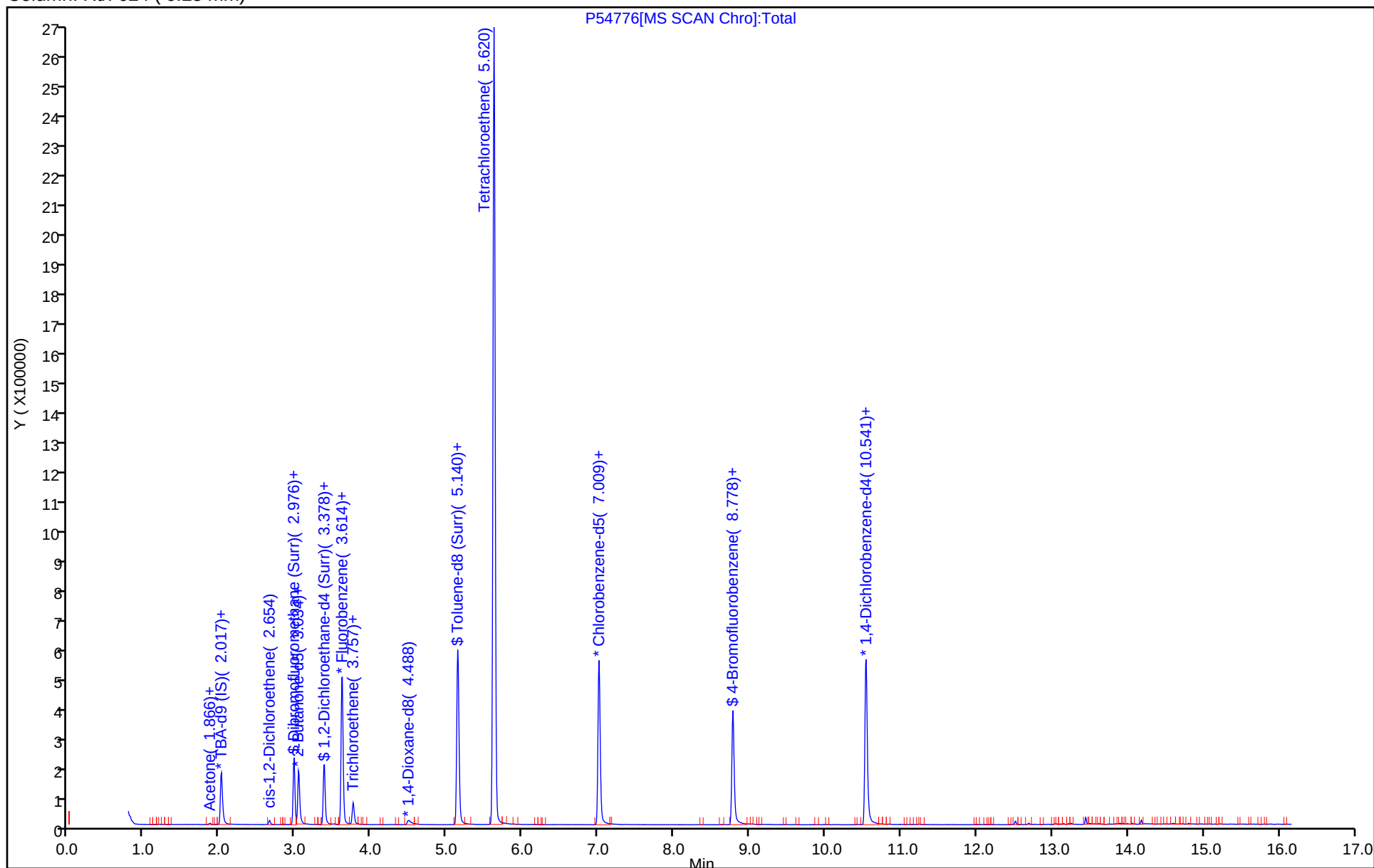
Dil. Factor: 5.0000

ALS Bottle#: 20

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54776.D

Injection Date: 19-Dec-2018 05:07:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-15

Lab Sample ID: 460-171555-15

Client ID: FSMW-14B 12122018

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

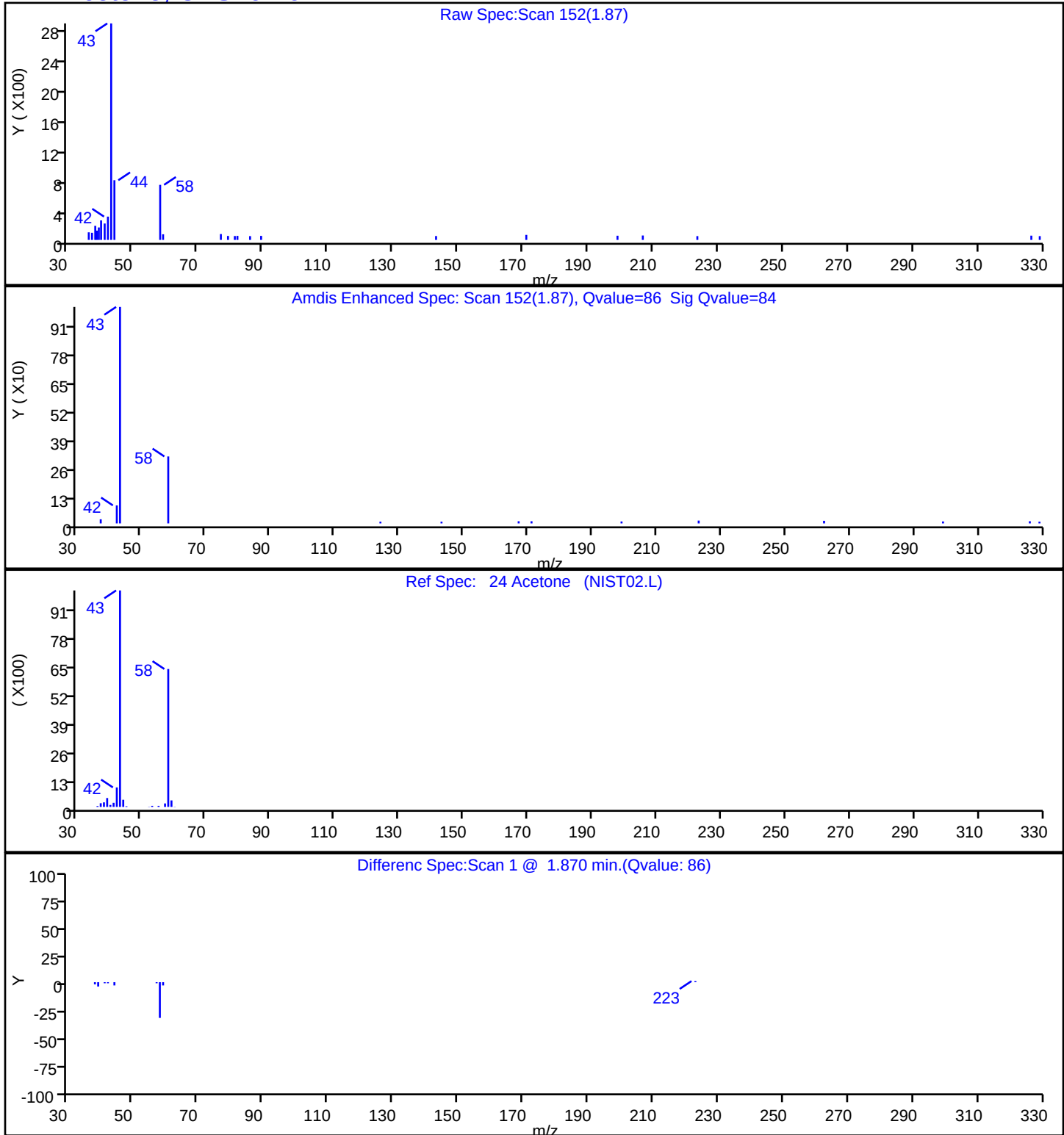
Dil. Factor: 5.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

24 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54776.D

Injection Date: 19-Dec-2018 05:07:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-15

Lab Sample ID: 460-171555-15

Client ID: FSMW-14B 12122018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_13

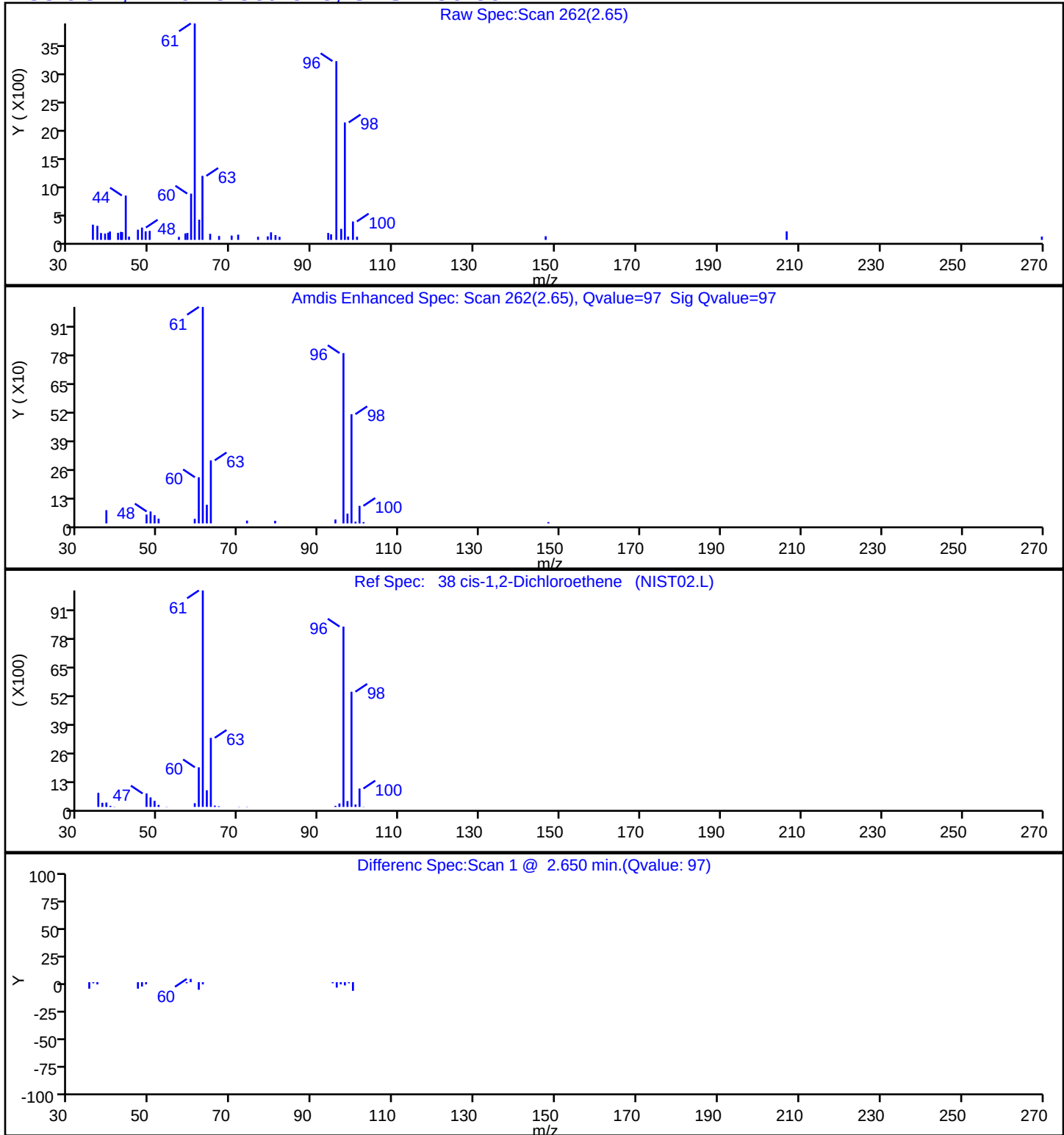
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54776.D

Injection Date: 19-Dec-2018 05:07:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-15

Lab Sample ID: 460-171555-15

Client ID: FSMW-14B 12122018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_13

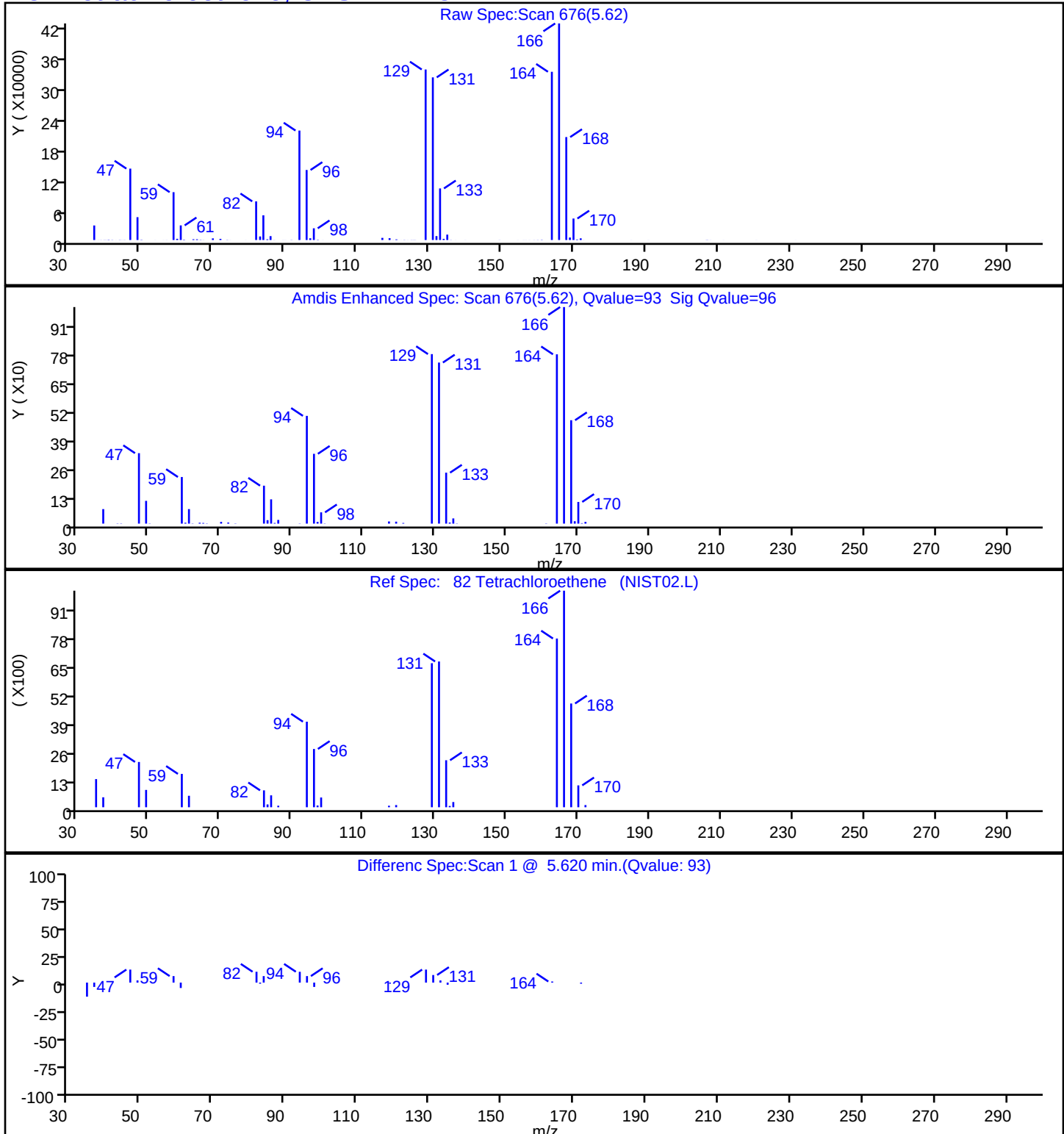
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 Tetrachloroethene, CAS: 127-18-4

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54776.D

Injection Date: 19-Dec-2018 05:07:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-15

Lab Sample ID: 460-171555-15

Client ID: FSMW-14B 12122018

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_13

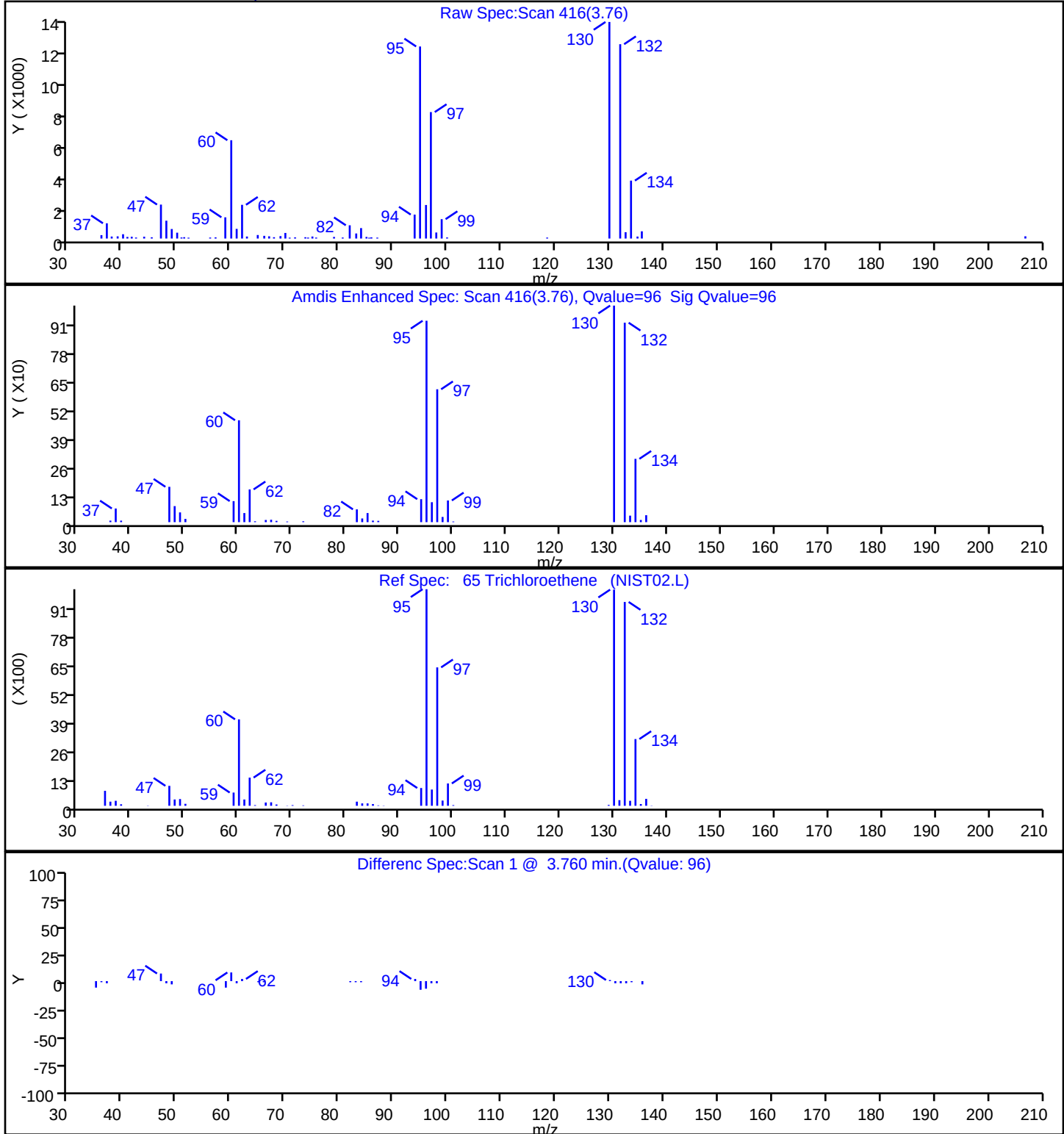
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Trichloroethene, CAS: 79-01-6

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54776.D

Injection Date: 19-Dec-2018 05:07:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-15

Lab Sample ID: 460-171555-15

Client ID: FSMW-14B 12122018

Operator ID:

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

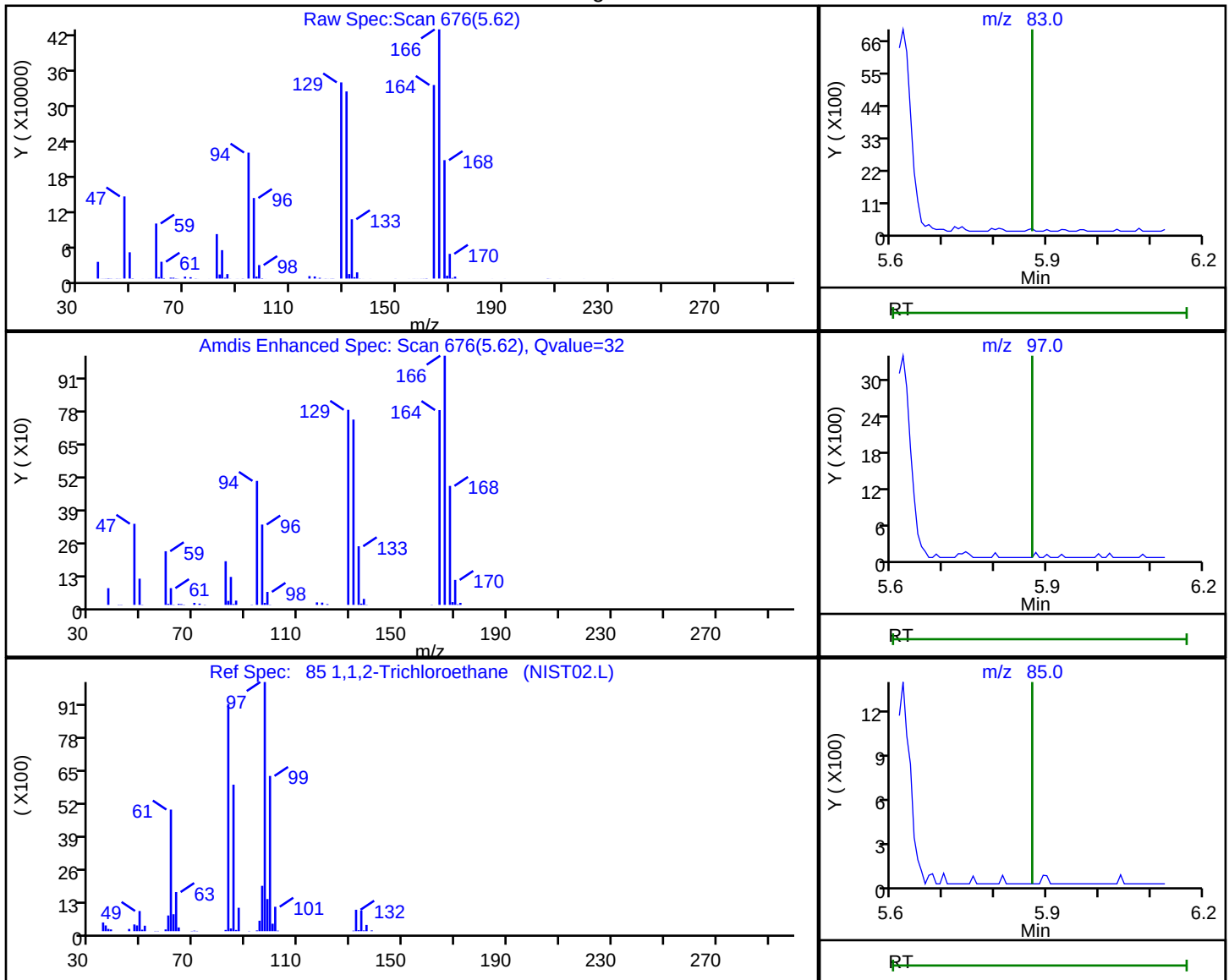
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.62	83.00	14956	6.795840
5.62	97.00	7032	
5.62	85.00	2548	

Reviewer: desais, 19-Dec-2018 10:55:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-573313/3	P54133.D
Level 2	STD05 460-573313/4	P54134.D
Level 3	STD1 460-573313/5	P54135.D
Level 4	STD5 460-573313/6	P54136.D
Level 5	STD20 460-573313/7	P54137.D
Level 6	STD50 460-573313/8	P54138.D
Level 7	STD200 460-573313/9	P54139.D
Level 8	STD500 460-573313/10	P54140.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0608	0.0593 0.0832	0.0792 0.0563	0.0565	0.0705	Ave		0.0665				16.7		20.0			
Dichlorodifluoromethane	+++++ 0.2676	0.2484 0.3799	0.3470 0.2706	0.3168	0.3073	Ave		0.3054			0.1000	15.4		20.0			
Chloromethane	+++++ 0.3115	0.2982 0.3687	0.2839 0.3870	0.3230	0.3190	Ave		0.3273			0.1000	11.4		20.0			
Butadiene	0.4148 0.2776	0.3005 0.3552	0.3205 +++++	0.2956	0.3001	Ave		0.3235				14.6		20.0			
Vinyl chloride	+++++ 0.3230	0.2739 0.3862	0.3901 0.3302	0.3532	0.3398	Ave		0.3424			0.1000	11.6		20.0			
Bromomethane	+++++ 1.4578	1.3084 1.9935	1.5199 1.7891	1.5552	1.6293	Ave		1.6076			0.1000	14.0		20.0			
Chloroethane	+++++ 0.2050	0.2029 0.2275	0.2786 0.1565	0.2417	0.2246	Ave		0.2195			0.1000	17.2		20.0			
Pentane	+++++ 1.8059	2.0772 2.1180	2.6668 +++++	1.7882	2.2053	Ave		2.1102				15.2		20.0			
Trichlorofluoromethane	+++++ 0.4385	0.3144 0.5092	0.5043 0.4031	0.4752	0.4709	Ave		0.4451			0.1000	15.4		20.0			
Dichlorofluoromethane	+++++ 0.5534	0.4375 0.5780	0.6136 0.5277	0.5899	0.5662	Ave		0.5523				10.4		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3288	0.3158 0.3674	0.4311 0.3191	0.3240	0.3573	Ave		0.3491				11.8		20.0			
Ethyl ether	+++++ 0.2556	0.2310 0.2701	0.2763 0.2463	0.2740	0.2668	Ave		0.2600				6.4		20.0			
Ethanol	+++++ 0.0739	0.0718 0.0748	0.0779 0.0728	0.0811	0.0726	Ave		0.0750				4.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3121	0.3122 0.3317	0.4097 0.2761	0.3286	0.3399	Ave		0.3300				12.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethene	++++ 0.2453	0.2660 0.2671	0.3233 0.2397	0.2603	0.2630	Ave		0.2664			0.1000	10.2		20.0			
Carbon disulfide	++++ 0.7899	0.9956 0.9247	1.0019 0.8229	0.8129	0.8283	Ave		0.8823			0.1000	10.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2230	0.2211 0.2528	0.2584 0.1983	0.2179	0.2490	Ave		0.2315			0.1000	9.6		20.0			
Iodomethane	++++ 0.2247	++++ 0.3757	++++ 0.3320	0.0270	0.1079	Ave		0.2134				68.9	*	20.0			
Cyclopentene	++++ 0.5961	0.5707 0.6580	0.6797 0.5803	0.6120	0.6611	Ave		0.6225				7.0		20.0			
Acrolein	++++ 2.1580	1.5044 2.2272	1.9226 2.1845	2.1674	2.0266	Ave		2.0272				12.5		20.0			
Allyl chloride	++++ 0.1629	0.1654 0.1750	0.1943 0.1515	0.1643	0.1686	Ave		0.1689				7.8		20.0			
Isopropyl alcohol	++++ 0.8966	0.7826 0.9176	1.0193 0.8642	0.9707	0.9284	Ave		0.9113				8.3		20.0			
Methylene Chloride	++++ 0.3014	0.3313 0.3202	0.3723 0.2987	0.3348	0.3167	Ave		0.3251			0.1000	7.7		20.0			
Acetone	++++ 0.7822	1.1177 0.8621	1.0879 0.8913	0.8632	0.8217	Ave		0.9180			0.0500	14.3		20.0			
trans-1,2-Dichloroethene	++++ 0.2956	0.3455 0.3198	0.3599 0.2911	0.3121	0.3062	Ave		0.3186			0.1000	8.0		20.0			
Methyl acetate	++++ 9.6421	9.0048 9.3466	10.452 7.7823	10.358	10.533	Ave		9.5885			0.1000	10.3		20.0			
Hexane	++++ 0.0576	0.0476 0.0713	0.0867 0.0532	0.0570	0.0699	QuaF		0.0800	-0.000053						0.9980		0.9900
Methyl tert-butyl ether	++++ 0.8891	0.7817 0.9435	0.9835 0.8636	0.9265	0.9218	Ave		0.9014			0.1000	7.2		20.0			
2-Methyl-2-propanol	++++ 1.3539	1.4886 1.4094	1.7738 1.3299	1.4616	1.4090	Ave		1.4609				10.2		20.0			
Acetonitrile	++++ 1.7000	1.9478 1.7696	1.9257 1.5585	1.8497	1.7381	Ave		1.7842				7.6		20.0			
Isopropyl ether	++++ 1.1761	1.0456 1.2311	1.2740 1.1135	1.2290	1.2312	Ave		1.1858				6.8		20.0			
2-Chloro-1,3-butadiene	++++ 0.2669	0.2504 0.2905	0.3115 0.2599	0.2765	0.2758	Ave		0.2759				7.3		20.0			
1,1-Dichloroethane	++++ 0.5808	0.5342 0.6128	0.6608 0.5561	0.5936	0.6118	Ave		0.5929			0.2000	7.0		20.0			
Acrylonitrile	0.1396 0.1123	0.0898 0.1173	0.1210 0.1067	0.1200	0.1141	Ave		0.1151				12.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tert-butyl ethyl ether	++++ 1.0819	0.9278 1.1329	1.1846 1.0318	1.1365	1.1216	Ave		1.0881				7.8		20.0			
Vinyl acetate	++++ 0.8033	0.7127 0.8648	0.8100 0.7258	0.8398	0.8168	Ave		0.7962				7.1		20.0			
cis-1,2-Dichloroethene	++++ 0.3372	0.3469 0.3588	0.3944 0.3382	0.3667	0.3524	Ave		0.3564			0.1000	5.6		20.0			
2,2-Dichloropropane	++++ 0.4535	0.4463 0.4862	0.5384 0.4422	0.4817	0.4766	Ave		0.4750				7.0		20.0			
Cyclohexane	++++ 0.4598	0.4977 0.5272	0.5712 0.4341	0.4383	0.5090	Ave		0.4910			0.1000	10.2		20.0			
Chlorobromomethane	++++ 0.1689	0.1675 0.1819	0.1937 0.1685	0.1777	0.1720	Ave		0.1757				5.4		20.0			
Chloroform	++++ 0.5306	0.4952 0.5691	0.6190 0.5359	0.5355	0.5309	Ave		0.5452			0.2000	7.1		20.0			
Carbon tetrachloride	++++ 0.4110	0.3663 0.4630	0.4443 0.4207	0.3883	0.4190	Ave		0.4161			0.1000	7.8		20.0			
Methyl acrylate	++++ 0.2705	0.1945 0.2979	0.2437 0.2739	0.2735	0.2734	Ave		0.2611				12.8		20.0			
Ethyl acetate	++++ 0.3048	0.4604 0.3355	0.4517 0.3211	0.3335	0.3229	Ave		0.3614				18.1		20.0			
Tetrahydrofuran	++++ 1.1548	1.2845 1.2362	1.4956 1.1572	1.2245	1.1722	Ave		1.2464				9.6		20.0			
1,1,1-Trichloroethane	++++ 0.4846	0.4204 0.5190	0.5488 0.4753	0.4860	0.4977	Ave		0.4903			0.1000	8.1		20.0			
2-Butanone (MEK)	++++ 0.3223	0.3087 0.3520	0.3990 0.3427	0.3373	0.3384	Ave		0.3429			0.0500	8.3		20.0			
1,1-Dichloropropene	++++ 0.4115	0.4846 0.4413	0.4853 0.3907	0.4511	0.4254	Ave		0.4414				8.1		20.0			
2,2,4-Trimethylpentane	++++ 0.8507	1.0150 1.0636	1.1016 0.8772	0.8439	0.9830	Ave		0.9621				10.9		20.0			
n-Heptane	++++ 0.1967	0.2430 0.2720	0.2862 0.1996	0.1965	0.2294	Ave		0.2319				16.0		20.0			
Benzene	++++ 1.4919	1.4021 1.5946	1.6748 1.4605	1.4832	1.5292	Ave		1.5195			0.5000	6.0		20.0			
Propionitrile	++++ 1.9917	2.0827 2.1074	2.1061 1.9264	2.0950	2.0383	Ave		2.0497				3.4		20.0			
Methacrylonitrile	++++ 0.1185	0.0921 0.1261	0.1201 0.1122	0.1197	0.1214	Ave		0.1157				9.7		20.0			
Tert-amyl methyl ether	++++ 0.9218	0.7916 0.9762	0.9862 0.9111	0.9351	0.9452	Ave		0.9239				7.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	++++ 0.4539	0.5374 0.4771	0.5825 0.4505	0.4844	0.4740	Ave		0.4943			0.1000	9.8		20.0			
Isobutyl alcohol	++++ 0.5880	0.5086 0.6373	0.6315 0.6140	0.5689	0.5921	Ave		0.5915				7.4		20.0			
Isopropyl acetate	++++ 0.6143	0.5288 0.6626	0.6979 0.6168	0.6527	0.6214	Ave		0.6278				8.5		20.0			
Methylcyclohexane	++++ 0.4452	0.4454 0.5260	0.5689 0.4392	0.4335	0.5053	Ave		0.4805			0.1000	11.0		20.0			
Trichloroethene	++++ 0.3608	0.3532 0.3892	0.3951 0.3622	0.3565	0.3646	Ave		0.3688			0.2000	4.5		20.0			
Dibromomethane	++++ 0.1997	0.1844 0.2181	0.2299 0.2044	0.2120	0.2062	Ave		0.2078				6.9		20.0			
n-Butanol	++++ 0.3683	0.1254 0.4104	0.2444 0.3927	0.3314	0.3547	Lin2	-3.229	0.3786							0.9970		0.9900
1,2-Dichloropropane	++++ 0.3385	0.3185 0.3601	0.3736 0.3325	0.3492	0.3461	Ave		0.3455			0.1000	5.2		20.0			
Ethyl acrylate	++++ 0.4100	0.2373 0.4444	0.3504 0.4111	0.4033	0.4076	Lin2	-0.088	0.4219							0.9990		0.9900
Bromodichloromethane	++++ 0.4256	0.3519 0.4702	0.4054 0.4486	0.4074	0.4260	Ave		0.4193			0.2000	8.9		20.0			
Methyl methacrylate	++++ 0.0833	0.0558 0.0914	0.0900 0.0852	0.0835	0.0833	Lin2	-0.025	0.0875							0.9910		0.9900
1,4-Dioxane	++++ 1.3546	1.1711 1.3946	1.4553 1.4790	1.2802	1.3752	Ave		1.3586				7.8		20.0			
n-Propyl acetate	++++ 0.4449	0.3153 0.4894	0.4087 0.4489	0.4429	0.4438	Ave		0.4277				12.8		20.0			
2-Chloroethyl vinyl ether	++++ 0.2178	0.1864 0.2343	0.1977 0.2178	0.2202	0.2168	Ave		0.2130				7.4		20.0			
cis-1,3-Dichloropropene	++++ 0.6004	0.5545 0.6519	0.5920 0.6161	0.5909	0.6060	Ave		0.6017			0.2000	4.9		20.0			
Toluene	++++ 1.6565	1.6091 1.7287	1.8529 1.6006	1.7058	1.7201	Ave		1.6963			0.4000	5.1		20.0			
Epichlorohydrin	0.2513 0.2880	0.2307 0.3040	0.2886 0.2882	0.2877	0.2867	Ave		0.2781				8.7		20.0			
2-Nitropropane	++++ 0.0892	0.0708 0.1015	0.0916 0.0983	0.0824	0.0872	Ave		0.0887				11.5		20.0			
Tetrachloroethene	++++ 0.4160	0.4308 0.4433	0.4486 0.4088	0.4115	0.4283	Ave		0.4267			0.2000	3.6		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.9780	2.5885 3.0996	2.9936 2.8691	3.0242	3.0987	Ave		2.9503			0.0500	6.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	++++ 0.5655	0.4376 0.6193	0.4863 0.5891	0.4804	0.5495	Ave		0.5325			0.1000	12.4		20.0			
1,1,2-Trichloroethane	++++ 0.2705	0.2512 0.2916	0.2988 0.2751	0.2868	0.2768	Ave		0.2787			0.1000	5.6		20.0			
Ethyl methacrylate	++++ 0.3840	0.3322 0.4172	0.3927 0.3877	0.3757	0.3890	Ave		0.3827				6.7		20.0			
Chlorodibromomethane	++++ 0.4154	0.3005 0.4670	0.3558 0.4504	0.3684	0.3905	Ave		0.3926			0.1000	14.6		20.0			
1,3-Dichloropropane	++++ 0.5667	0.4601 0.5985	0.5712 0.5588	0.5826	0.5806	Ave		0.5598				8.2		20.0			
Ethylene Dibromide	++++ 0.3529	0.3074 0.3835	0.3766 0.3630	0.3430	0.3522	Ave		0.3541			0.1000	7.1		20.0			
n-Butyl acetate	++++ 0.6091	0.4791 0.6592	0.5429 0.5968	0.5733	0.6144	Ave		0.5821				10.0		20.0			
2-Hexanone	++++ 2.0032	1.6654 2.1248	1.7069 2.0491	1.8880	2.0567	Ave		1.9277			0.0500	9.4		20.0			
Chlorobenzene	++++ 1.1145	1.0763 1.1650	1.2591 1.0876	1.1539	1.1454	Ave		1.1431			0.5000	5.3		20.0			
Ethylbenzene	++++ 0.6255	0.5844 0.6548	0.7258 0.6050	0.6277	0.6363	Ave		0.6371			0.1000	7.1		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4089	0.2962 0.4433	0.4045 0.4248	0.3769	0.4092	Ave		0.3948				12.1		20.0			
m-Xylene & p-Xylene	++++ 0.7701	0.7571 0.8021	0.8044 0.7432	0.7473	0.7833	Ave		0.7725			0.1000	3.2		20.0			
o-Xylene	++++ 0.7492	0.6293 0.7770	0.8149 0.7269	0.7455	0.7666	Ave		0.7442			0.3000	7.8		20.0			
Bromoform	++++ 0.2434	0.1569 0.2979	0.1930 0.2963	0.1999	0.2264	Qua2	-0.038	0.2305	0.0001603		0.1000				0.9940		0.9900
Styrene	++++ 1.2334	1.0086 1.3093	1.1706 1.2290	1.1511	1.2418	Ave		1.1920			0.3000	8.0		20.0			
n-Butyl acrylate	++++ 0.2561	0.1996 0.2866	0.2102 0.2735	0.2159	0.2609	Ave		0.2432				14.1		20.0			
Isopropylbenzene	++++ 1.9375	1.7407 2.0265	2.1017 1.8425	1.9258	2.0093	Ave		1.9406			0.1000	6.2		20.0			
Amyl acetate (mixed isomers)	++++ 1.2308	1.0173 1.3189	1.0197 1.2589	1.1194	1.2752	Ave		1.1772				10.6		20.0			
Bromobenzene	++++ 0.8597	0.7576 0.8951	0.9792 0.8608	0.8902	0.8738	Ave		0.8738				7.5		20.0			
N-Propylbenzene	++++ 3.8042	3.6629 3.8927	4.4484 3.5325	3.8467	3.9830	Ave		3.8815				7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	++++ 0.6825	0.6265 0.7181	0.7726 0.6833	0.7159	0.7014	Ave		0.7000			0.3000	6.3		20.0			
2-Chlorotoluene	++++ 2.6166	2.4887 2.7024	2.8584 2.5339	2.7174	2.7396	Ave		2.6653				4.8		20.0			
4-Ethyltoluene	++++ 3.4102	3.3576 3.4970	3.9185 3.2390	3.4212	3.5629	Ave		3.4866				6.2		20.0			
1,2,3-Trichloropropane	++++ 0.2192	0.2237 0.2311	0.2614 0.2197	0.2284	0.2328	Ave		0.2309				6.3		20.0			
1,3,5-Trimethylbenzene	++++ 2.8491	2.5247 2.9453	3.1804 2.7071	2.8572	2.9622	Ave		2.8608				7.2		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2262	0.1661 0.2587	0.2728 0.2526	0.1664	0.2141	Ave		0.2224				19.4		20.0			
4-Chlorotoluene	++++ 2.4141	2.4124 2.5100	2.6942 2.3394	2.3746	2.4539	Ave		2.4569				4.8		20.0			
tert-Butylbenzene	++++ 2.4632	2.4517 2.5382	2.7768 2.3105	2.5385	2.5812	Ave		2.5229				5.7		20.0			
1,2,4-Trimethylbenzene	++++ 2.9943	2.7230 3.0944	3.2451 2.8165	3.0098	3.1018	Ave		2.9978				5.9		20.0			
Butyl Methacrylate	++++ 0.8591	0.4897 0.9933	0.5964 0.9483	0.6418	0.7834	Qua2	-0.161	0.7869	0.0004287						0.9900		0.9900
sec-Butylbenzene	++++ 3.5540	3.3096 3.7140	3.9946 3.3266	3.6203	3.7344	Ave		3.6077				6.7		20.0			
1,3-Dichlorobenzene	++++ 1.7121	1.7523 1.7814	1.8538 1.6715	1.7251	1.7710	Ave		1.7524			0.6000	3.3		20.0			
4-Isopropyltoluene	++++ 3.2335	3.1641 3.3896	3.5820 3.0395	3.2927	3.3644	Ave		3.2951				5.3		20.0			
1,4-Dichlorobenzene	++++ 1.7239	1.9467 1.8008	1.9998 1.6995	1.7701	1.7870	Ave		1.8183			0.5000	6.2		20.0			
1,2,3-Trimethylbenzene	++++ 3.1173	2.8391 3.2085	3.4020 2.9809	3.1662	3.2219	Ave		3.1337				5.8		20.0			
Indan	++++ 3.0641	3.0965 3.1382	3.4469 2.9085	3.1169	3.1789	Ave		3.1357				5.2		20.0			
Benzyl chloride	++++ 0.2916	0.2127 0.3412	0.2255 0.3404	0.2370	0.2623	Ave		0.2729				19.4		20.0			
p-Diethylbenzene	++++ 1.7117	1.5852 1.8046	1.8366 1.6615	1.6498	1.7651	Ave		1.7164				5.3		20.0			
n-Butylbenzene	++++ 2.7287	2.2606 2.9107	2.8303 2.5637	2.5671	2.8291	Ave		2.6700				8.4		20.0			
1,2-Dichlorobenzene	++++ 1.6292	1.5732 1.7003	1.8056 1.5892	1.6269	1.6853	Ave		1.6585			0.4000	4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetramethylbenzene	++++ 2.9734	2.4940 3.1788	2.8683 2.9432	2.8302	3.0505	Ave		2.9055				7.4		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1448	0.1258 0.1659	0.1129 0.1596	0.1174	0.1410	Ave		0.1382			0.0500	14.8		20.0			
1,3,5-Trichlorobenzene	++++ 1.2233	1.2621 1.2840	1.3390 1.2030	1.2285	1.2348	Ave		1.2535				3.7		20.0			
1,2,4-Trichlorobenzene	++++ 1.0748	1.1123 1.1713	1.1292 1.0893	1.0053	1.0941	Ave		1.0966			0.2000	4.7		20.0			
Hexachlorobutadiene	++++ 0.4812	0.5506 0.5469	0.5579 0.4796	0.4991	0.4851	Ave		0.5144				7.0		20.0			
Naphthalene	++++ 2.0944	2.2304 2.4099	1.8644 2.3285	1.6212	1.9198	Ave		2.0669				13.6		20.0			
1,2,3-Trichlorobenzene	++++ 0.9370	1.0816 1.0196	1.0386 0.9500	0.8886	0.9331	Ave		0.9784				7.1		20.0			
Dibromofluoromethane (Surr)	0.2208 0.2219	0.2216 0.2269	0.2211 0.2239	0.2241	0.2171	Ave		0.2222				1.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2607 0.2513	0.2634 0.2541	0.2612 0.2455	0.2613	0.2466	Ave		0.2555				2.8		20.0			
Toluene-d8 (Surr)	1.0822 1.0635	1.0838 1.0646	1.0799 1.0451	1.0673	1.0503	Ave		1.0671				1.4		20.0			
4-Bromofluorobenzene	0.3462 0.3549	0.3466 0.3667	0.3468 0.3634	0.3400	0.3425	Ave		0.3509				2.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-573313/3	P54133.D
Level 2	STD05 460-573313/4	P54134.D
Level 3	STD1 460-573313/5	P54135.D
Level 4	STD5 460-573313/6	P54136.D
Level 5	STD20 460-573313/7	P54137.D
Level 6	STD50 460-573313/8	P54138.D
Level 7	STD200 460-573313/9	P54139.D
Level 8	STD500 460-573313/10	P54140.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 28193	263 160338	695 285378	2506	12897	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 124123	1102 732493	3047 1373012	14050	56199	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 144501	1323 710856	2493 1963545	14325	58341	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	927 128797	1333 684851	2814 ++++	13112	54888	0.250 50.0	0.500 200	1.00 ++++	5.00	20.0
Vinyl chloride	FB	Ave	++++ 149848	1215 744613	3425 1675354	15668	62156	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	++++ 69728	601 403005	1378 936195	7149	30825	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	++++ 95116	900 438565	2446 794171	10719	41080	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	TBAd 9	Ave	++++ 34336	379 170039	955 ++++	3264	16364	++++ 100	1.00 400	2.00 ++++	10.0	40.0
Trichlorofluoromethane	FB	Ave	++++ 203436	1395 981840	4428 2045156	21077	86123	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 256706	1941 1114485	5388 2677086	26166	103563	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 152533	1401 708284	3785 1619006	14373	65342	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl ether	FB	Ave	++++ 118564	1025 520732	2426 1249680	12155	48792	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethanol	TBAd 9	Ave	++++ 28090	262 120092	558 303062	2959	10780	++++ 2000	20.0 8000	40.0 20000	200	800
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 144800	1385 639540	3597 1400561	14573	62162	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	++++ 113787	1180 515028	2839 1215862	11544	48092	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbon disulfide	FB	Ave	++++ 366430	4417 1782817	8797 4175064	36056	151488	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 103428	981 487434	2269 1006274	9665	45548	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Iodomethane	FB	Ave	++++ 104214	++++ 724335	++++ 1684193	1196	19738	++++ 50.0	++++ 200	++++ 500	5.00	20.0
Cyclopentene	FB	Ave	++++ 276533	2532 1268562	5968 2943783	27144	120905	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd 9	Ave	++++ 41031	549 89401	1377 181975	7912	15038	++++ 100	2.00 200	4.00 400	20.0	40.0
Allyl chloride	FB	Ave	++++ 75586	734 337401	1706 768540	7288	30842	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Ave	++++ 85237	714 368330	1825 899862	8859	34444	++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	++++ 139829	1470 617308	3269 1515468	14850	57919	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	++++ 187069	2567 871384	4932 2332064	19841	77733	++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,2-Dichloroethene	FB	Ave	++++ 137103	1533 616496	3160 1477047	13843	56002	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	TBAd 9	Ave	++++ 183329	1643 750366	3743 1620692	18906	78160	++++ 100	1.00 400	2.00 1000	10.0	40.0
Hexane	FB	QuaF	++++ 26706	211 137501	761 269749	2527	12785	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	++++ 412447	3468 1819165	8636 4381443	41094	168597	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 128709	1358 565733	3176 1384813	13339	52275	++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	TBAd 9	Ave	++++ 161610	1777 710350	3448 1622838	16881	64485	++++ 500	5.00 2000	10.0 5000	50.0	200
Isopropyl ether	FB	Ave	++++ 545574	4639 2373531	11186 5649038	54512	225179	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 123807	1111 560040	2735 1318517	12266	50443	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	++++ 269441	2370 1181558	5802 2821188	26331	111899	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2495 521147	3985 2262320	10627 5411000	53235	208699	2.00 500	5.00 2000	10.0 5000	50.0	200
Tert-butyl ethyl ether	FB	Ave	++++ 501872	4116 2184177	10401 5234861	50408	205130	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	FB	Ave	++++ 745261	6324 3334861	14224 7364237	74500	298777	++++ 100	1.00 400	2.00 1000	10.0	40.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
cis-1,2-Dichloroethene	FB	Ave	++++ 156408	1539 691696	3463 1715629	16265	64456	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	++++ 210387	1980 937373	4727 2243560	21364	87169	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 213291	2208 1016394	5015 2202089	19443	93088	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	++++ 78339	743 350632	1701 854781	7883	31454	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroform	FB	Ave	++++ 246149	2197 1097171	5435 2718775	23750	97104	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 190663	1625 892738	3901 2134339	17224	76624	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acrylate	FB	Ave	++++ 125498	863 574393	2140 1389802	12132	50008	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	++++ 29163	423 135632	819 336018	3066	12219	++++ 100	1.00 400	2.00 1000	10.0	40.0
Tetrahydrofuran	BUT	Ave	++++ 110469	1180 499820	2712 1211126	11258	44353	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,1,1-Trichloroethane	FB	Ave	++++ 224813	1865 1000688	4819 2411220	21555	91022	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	++++ 77078	709 355761	1809 896638	7753	32013	++++ 250	2.50 1000	5.00 2500	25.0	100
1,1-Dichloropropene	FB	Ave	++++ 190906	2150 850863	4261 1982034	20009	77806	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2,4-Trimethylpentane	FB	Ave	++++ 394637	4503 2050563	9673 4450190	37430	179777	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 91237	1078 524474	2513 1012820	8718	41949	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	++++ 579688	5113 2597635	12280 6213362	55378	235058	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	++++ 189345	1900 845938	3771 2005951	19120	75624	++++ 500	5.00 2000	10.0 5000	50.0	200
Methacrylonitrile	FB	Ave	++++ 549913	4087 2431231	10544 5693705	53112	221963	++++ 500	5.00 2000	10.0 5000	50.0	200
Tert-amyl methyl ether	FB	Ave	++++ 427605	3512 1882198	8659 4622415	41478	172873	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 210558	2384 919812	5115 2285668	21485	86692	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	++++ 139758	1160 639515	2827 1598251	12980	54918	++++ 1250	12.5 5000	25.0 12500	125	500
Isopropyl acetate	FB	Ave	++++ 284955	2346 1277419	6128 3129224	28952	113649	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Methylcyclohexane	FB	Ave	++++ 206513	1976 1014127	4995 2228410	19226	92424	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	++++ 167380	1567 750443	3469 1837644	15812	66679	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	++++ 92647	818 420495	2019 1037048	9405	37712	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	Lin2	++++ 87527	286 411854	1094 1022243	7560	32901	++++ 1250	12.5 5000	25.0 12500	125	500
1,2-Dichloropropane	FB	Ave	++++ 157025	1413 694341	3280 1686976	15491	63299	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Lin2	++++ 190194	1053 856777	3077 2085833	17890	74547	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	++++ 197443	1561 906466	3560 2276084	18072	77904	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Lin2	++++ 77253	495 352315	1581 864145	7410	30478	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 29036	593 126948	1446 315671	2773	11849	++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	++++ 206405	1399 943663	3589 2277265	19647	81168	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 101029	827 451779	1736 1104784	9765	39645	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 233291	2022 1062022	4341 2620953	22063	93150	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Toluene	CBNZ d5	Ave	++++ 643669	5868 2816051	13586 6809258	63692	264404	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Epichlorohydrin	BUT	Ave	++++ 275495	1161 1229108	5233 3016145	26449	108496	5.00 1000	10.0 4000	20.0 10000	100	400
2-Nitropropane	FB	Ave	++++ 82796	628 391386	1608 997453	7311	31894	++++ 100	1.00 400	2.00 1000	10.0	40.0
Tetrachloroethene	CBNZ d5	Ave	++++ 161639	1571 722100	3289 1738985	15365	65830	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 712218	5945 3133138	13571 7506897	69511	293130	++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 219749	1596 1008881	3566 2506055	17936	84462	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 105103	916 474997	2191 1170517	10708	42542	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	FB	Ave	++++ 178141	1474 804426	3448 1966793	16666	71142	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 161390	1096 760702	2609 1915890	13756	60029	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	++++ 220200	1678 974885	4188 2377150	21752	89244	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 137139	1121 624669	2761 1544080	12805	54140	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZ d5	Ave	++++ 236664	1747 1073911	3981 2538963	21406	94444	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 479083	3825 2147737	7738 5361324	43394	194559	++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorobenzene	CBNZ d5	Ave	++++ 433049	3925 1897760	9232 4626953	43085	176062	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 243028	2131 1066678	5322 2573863	23438	97805	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 158864	1080 722064	2966 1807153	14074	62898	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 299221	2761 1306656	5898 3161859	27901	120395	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 291105	2295 1265666	5975 3092566	27835	117831	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Qua2	++++ 94557	572 485280	1415 1260540	7465	34799	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	++++ 479255	3678 2132808	8583 5228305	42978	190884	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 99502	728 466909	1541 1163399	8060	40105	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	++++ 752846	6348 3301264	15410 7838301	71906	308848	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 280421	2119 1285993	4209 3188232	23847	113056	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	++++ 195866	1578 872771	4042 2179867	18964	77467	++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	++++ 866712	7630 3795489	18362 8945946	81947	353111	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 155486	1305 700150	3189 1730396	15252	62179	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	++++ 596139	5184 2634937	11799 6417005	57890	242880	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	++++ 776935	6994 3409680	16175 8202800	72883	315869	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 49932	466 225355	1079 556505	4866	20641	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 649108	5259 2871772	13128 6855784	60867	262610	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 51532	346 252231	1126 639590	3544	18984	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 550005	5025 2447314	11121 5924499	50587	217550	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 561191	5107 2474828	11462 5851465	54078	228831	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 682186	5672 3017136	13395 7132710	64118	274984	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Qua2	++++ 195725	1020 968528	2462 2401485	13672	69454	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 809711	6894 3621275	16489 8424649	77124	331073	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 390059	3650 1736894	7652 4232958	36751	157006	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 736681	6591 3304995	14786 7697567	70144	298270	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 392758	4055 1755825	8255 4304093	37708	158426	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 710209	5914 3128444	14043 7549089	67451	285634	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 698099	6450 3059845	14228 7365690	66400	281823	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 66424	443 332640	931 862015	5049	23253	++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	++++ 389983	3302 1759565	7581 4207671	35146	156482	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 621668	4709 2838037	11683 6492454	54688	250809	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 371169	3277 1657845	7453 4024733	34658	149406	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 677432	5195 3099479	11840 7453538	60292	270443	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 32994	262 161760	466 404166	2501	12496	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 278697	2629 1251920	5527 3046718	26170	109474	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 244869	2317 1142029	4661 2758570	21417	97000	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 109636	1147 533250	2303 1214547	10633	43005	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	++++ 477156	4646 2349706	7696 5897032	34536	170200	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 573313

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/05/2018 14:47 Calibration End Date: 12/05/2018 17:44 Calibration ID: 72297

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 213465	2253 994181	4287 2405927	18930	82724	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	98677 102957	98318 109364	97069 113572	99381	99265	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	116510 116578	116850 122485	114660 124532	115905	112753	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	401644 413229	395245 433545	395902 444590	398514	403619	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	128488 137899	126389 149348	127130 154583	126956	131620	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 05-Dec-2018 14:47:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0083053-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-Dec-2018 13:21:15 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0307

First Level Reviewer: pakanatir

Date: 05-Dec-2018 17:15:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Butadiene	54	0.985	0.985	0.000	97	927	0.2500	0.3206	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	184893	1000.0	1000.0	
35 Acrylonitrile	53	2.332	2.325	0.007	90	2495	2.00	2.42	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	96	98677	50.0	49.7	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	230983	250.0	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.370	0.000	0	116510	50.0	51.0	
* 62 Fluorobenzene	96	3.614	3.614	0.000	98	446957	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	19964	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	401644	50.0	50.7	
80 Epichlorohydrin	57	5.240	5.226	0.014	94	1161	5.00	4.52	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	371151	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.778	0.000	91	128488	50.0	49.3	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.533	0.008	96	210064	50.0	50.0	

Reagents:

ACROLEIN W_00083	Amount Added: 0.00	Units: uL	
GASES Li_00288	Amount Added: 2.50	Units: uL	
ACRY/EPIH MIX_00056	Amount Added: 20.00	Units: uL	
14DIOXINTER_00093	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00077	Amount Added: 0.00	Units: uL	
MIX I Hi_00101	Amount Added: 0.00	Units: uL	
GAS Hi_00282	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 0.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD8

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

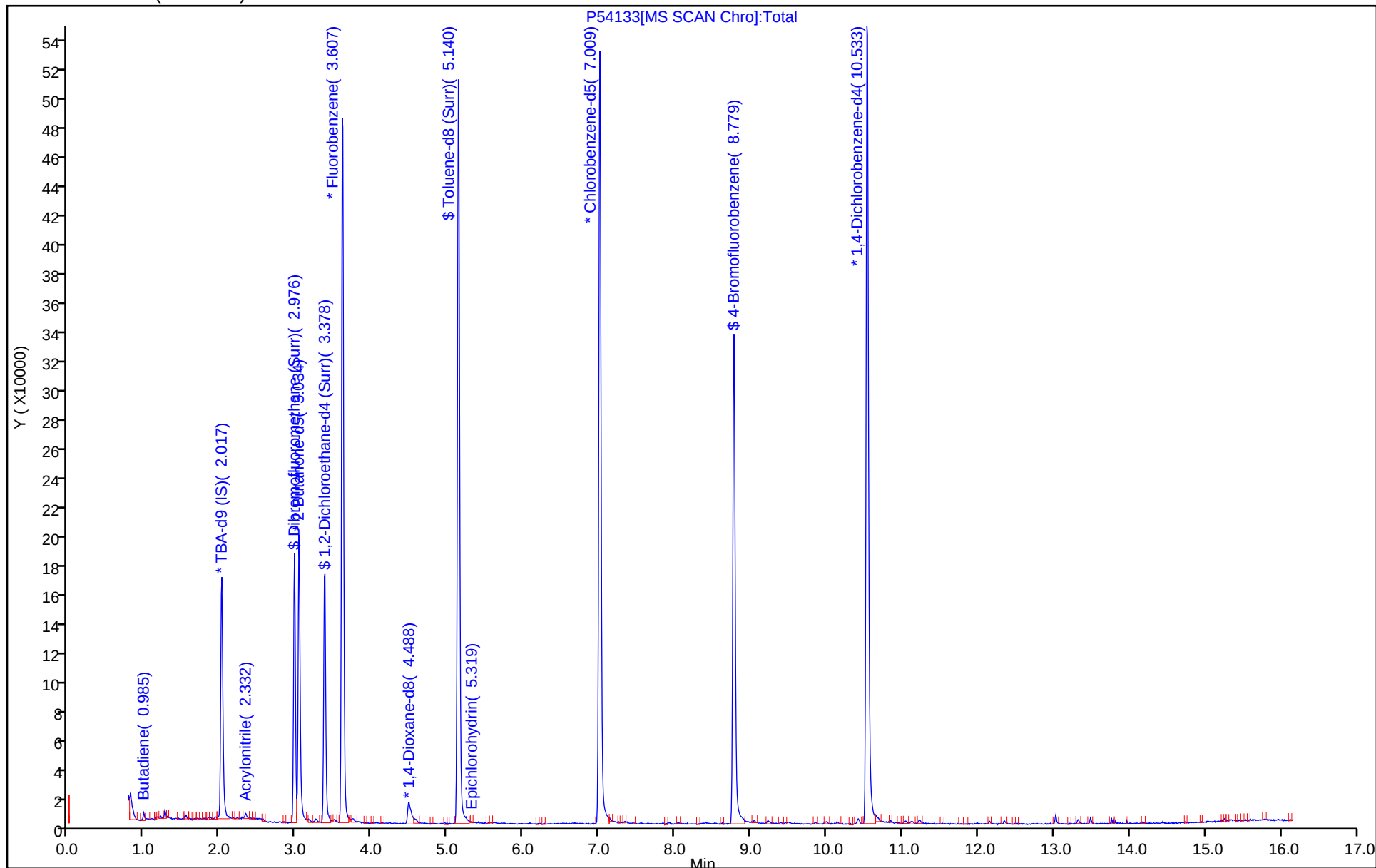
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

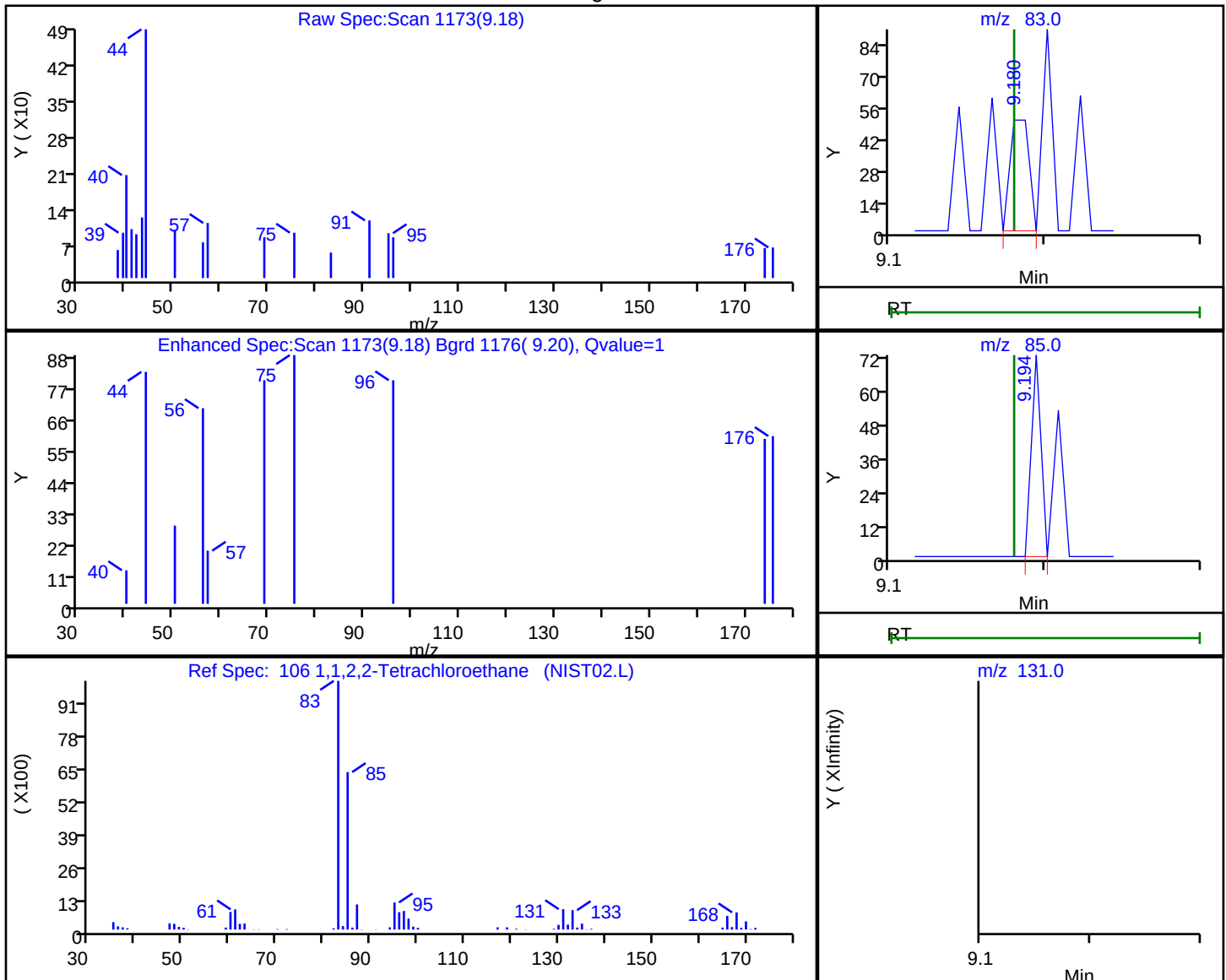
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.18	83.00	43	0.014621
9.19	85.00	31	
9.18	131.00	0	

Reviewer: delpolitov, 06-Dec-2018 09:34:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

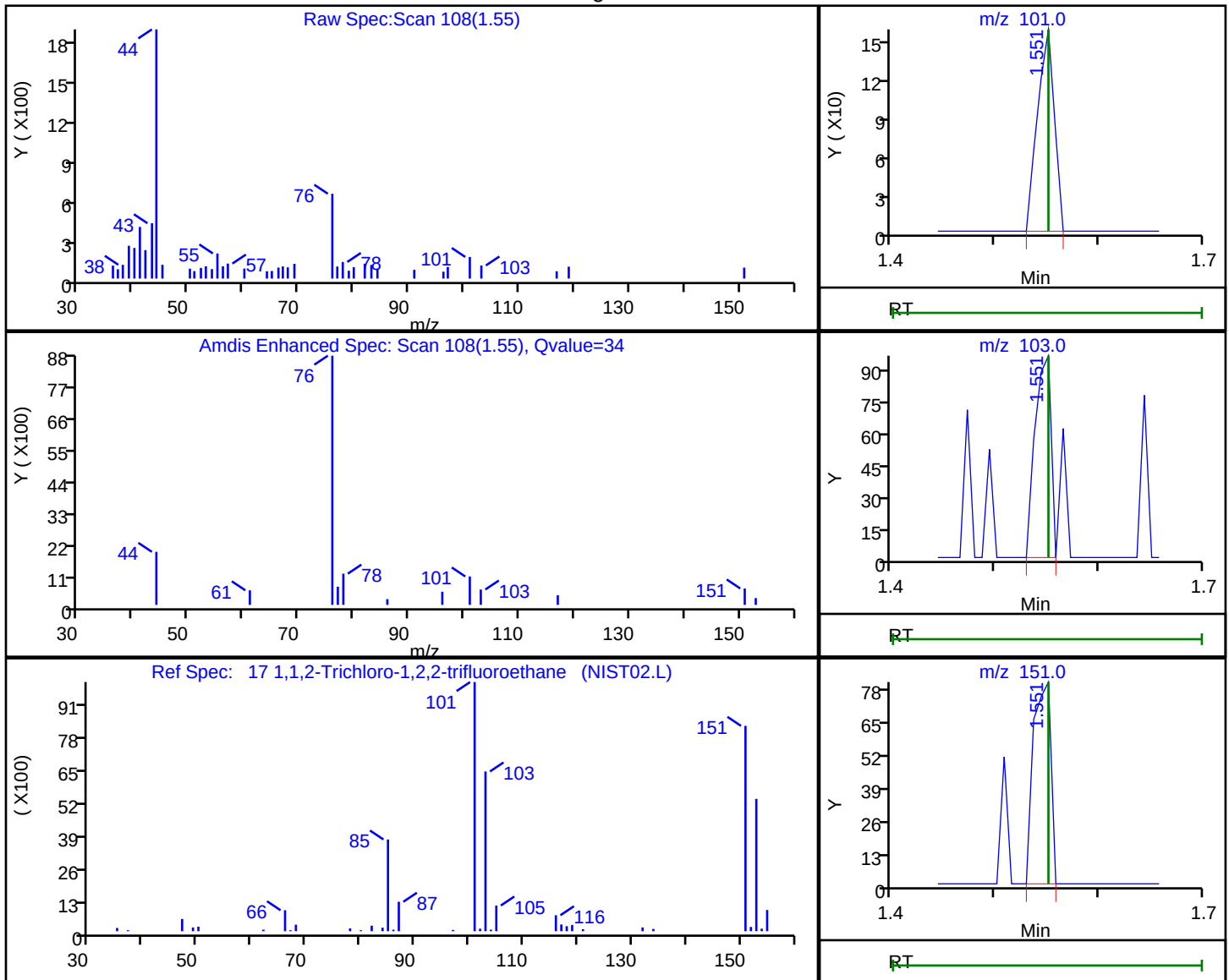
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

17 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
1.55	101.00	181	0.087459
1.55	103.00	104	
1.55	151.00	95	
1.55	85.00	0	

Reviewer: delpolitov, 06-Dec-2018 09:33:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

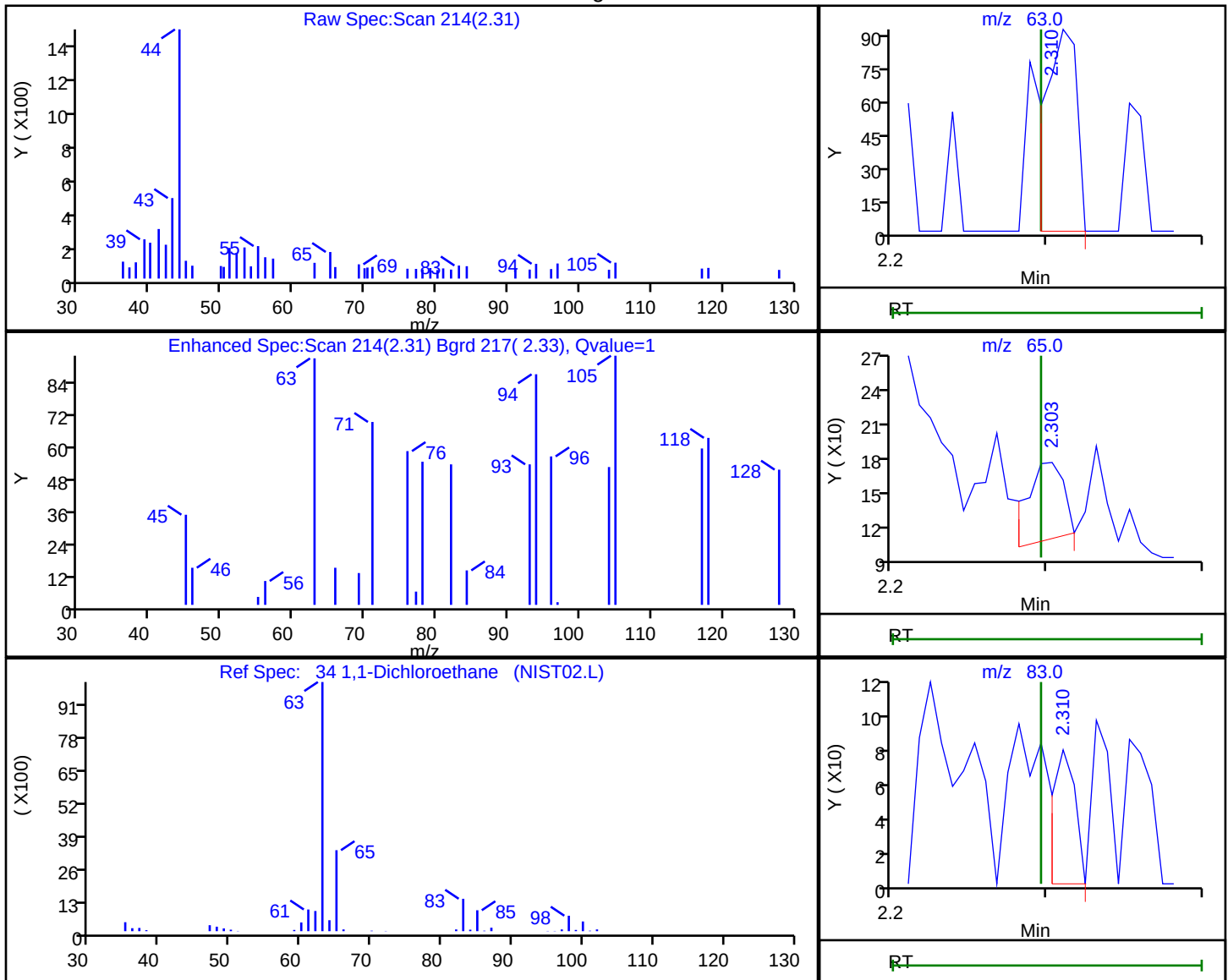
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.31	63.00	133	0.025095
2.30	65.00	110	
2.31	83.00	79	

Reviewer: delpolotov, 06-Dec-2018 09:33:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

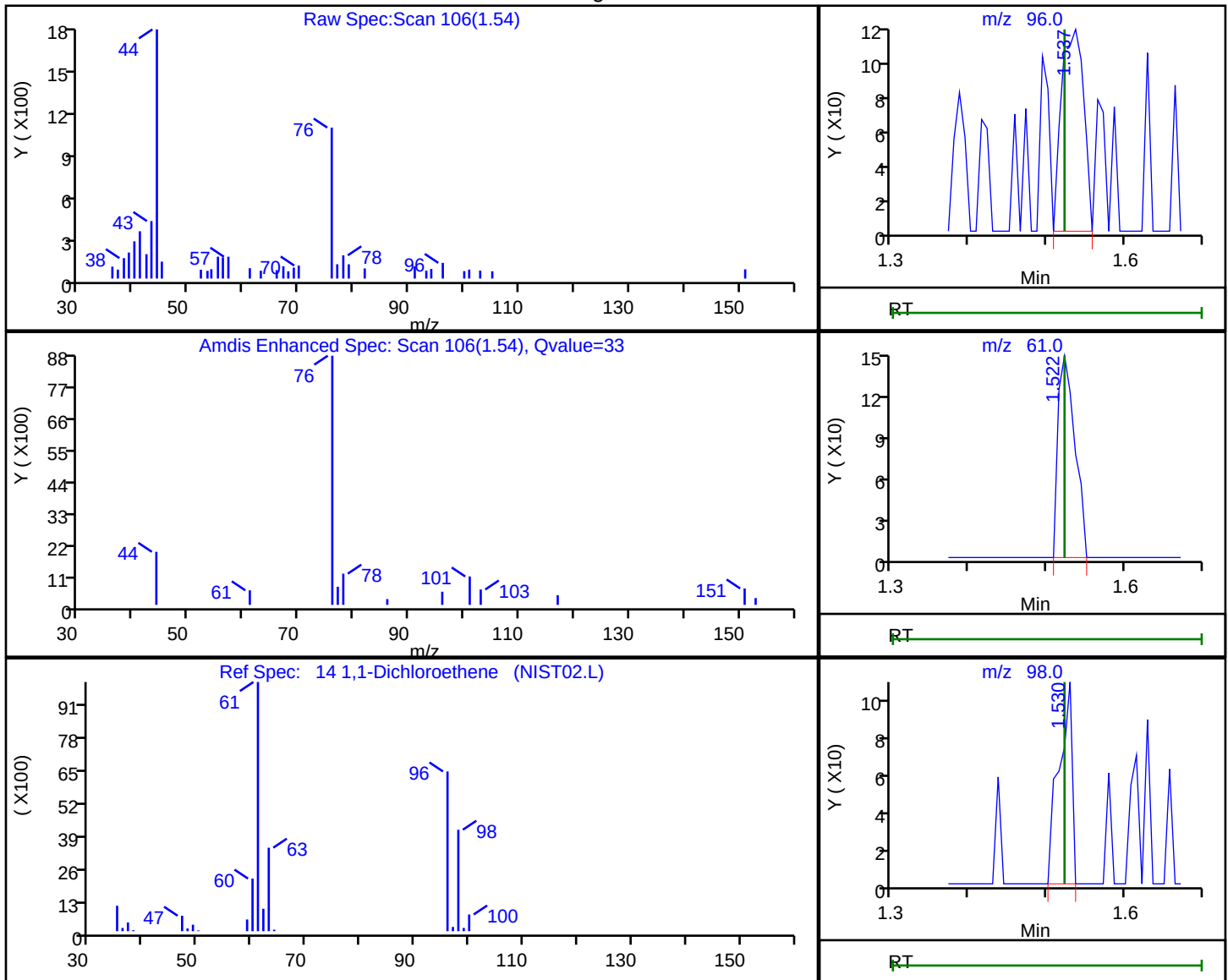
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

14 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
1.54	96.00	224	0.095858
1.52	61.00	220	
1.53	98.00	121	
1.53	63.00	89	

Reviewer: delpolitov, 06-Dec-2018 09:33:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

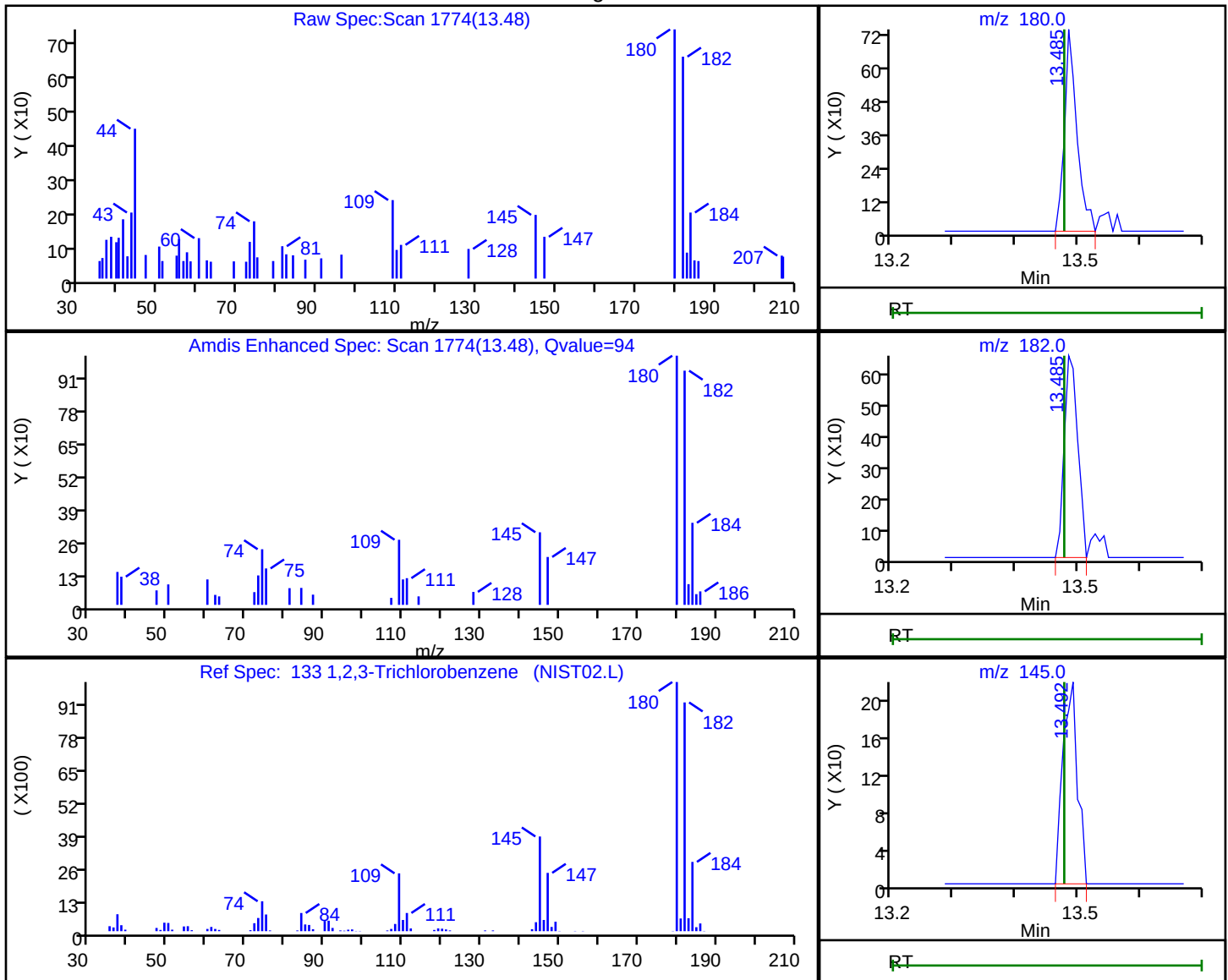
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.48	180.00	1038	0.252534
13.48	182.00	1004	
13.49	145.00	362	

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

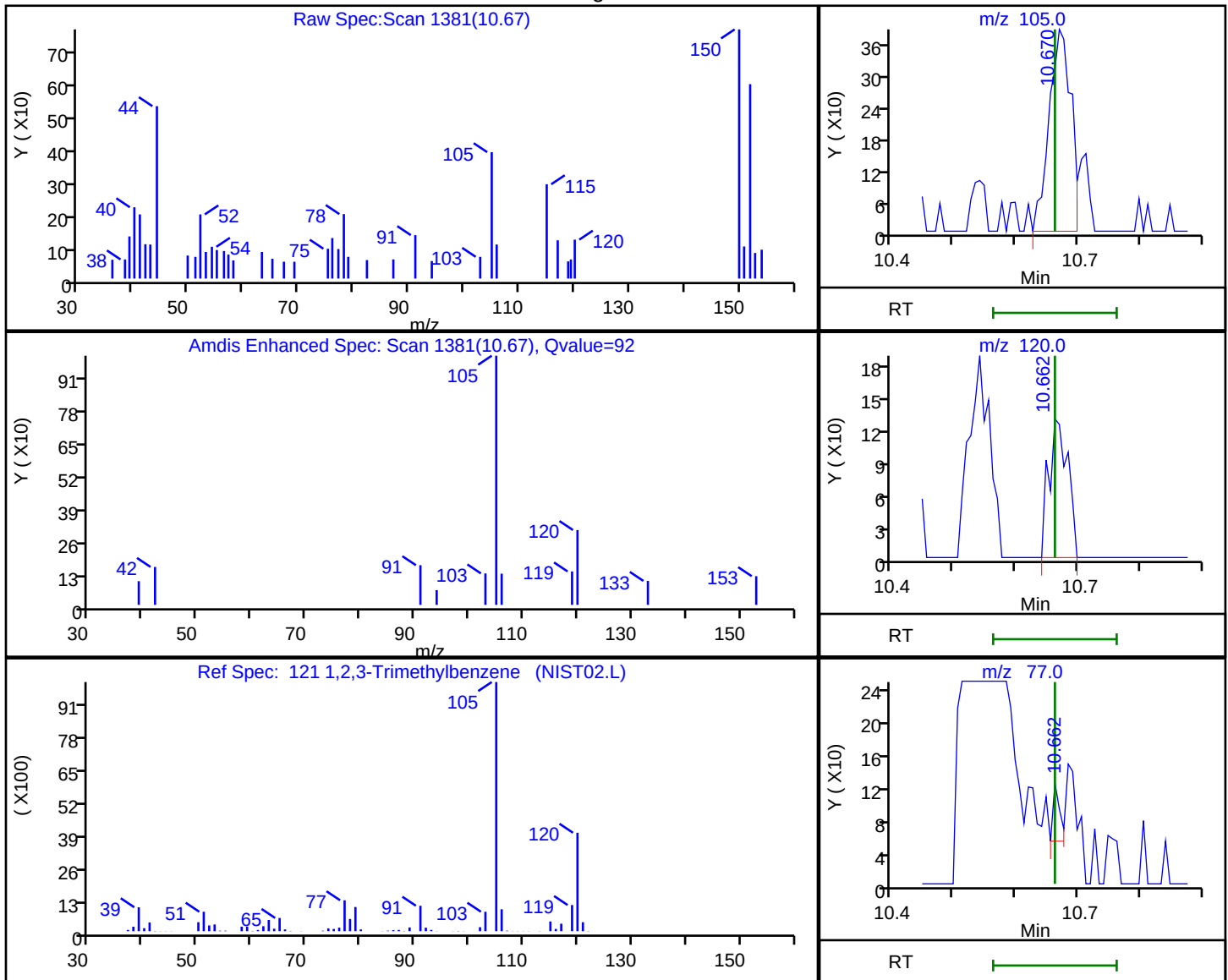
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

121 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.67	105.00	964	
10.66	120.00	267	
10.66	77.00	54	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

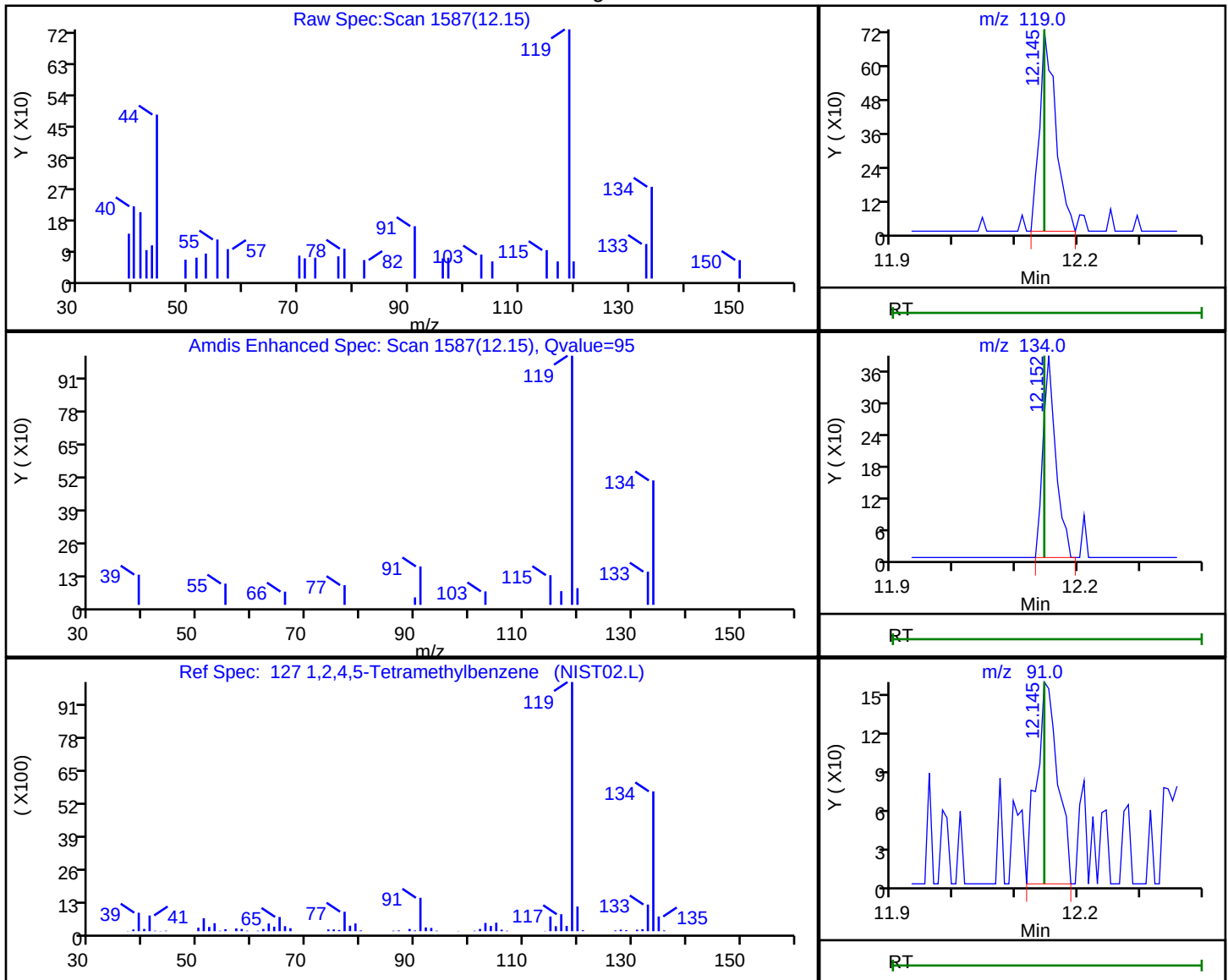
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.15	119.00	1309	0.107235
12.15	134.00	549	
12.15	91.00	361	

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

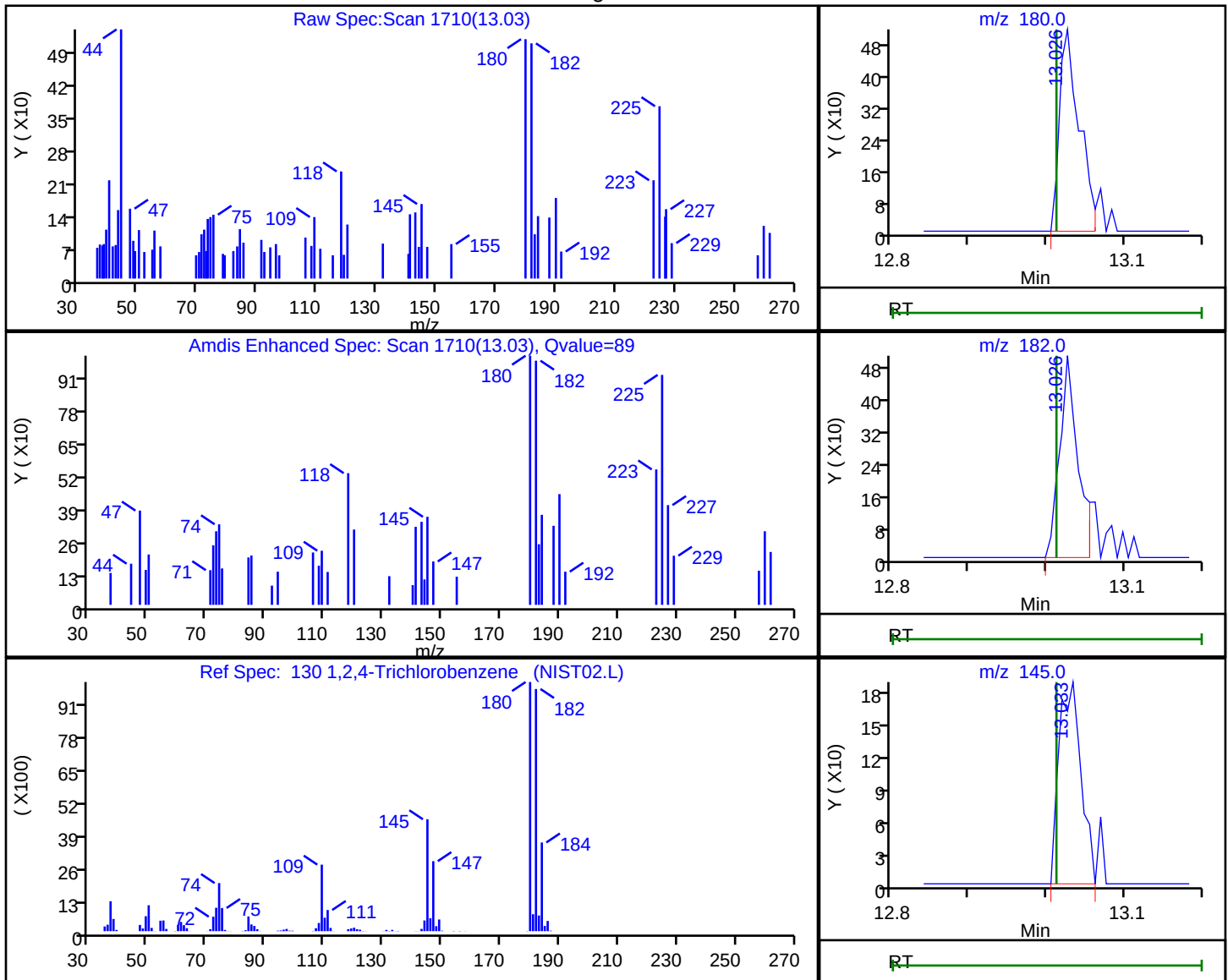
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

130 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
13.03	180.00	919	0.199471
13.03	182.00	832	
13.03	145.00	370	

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

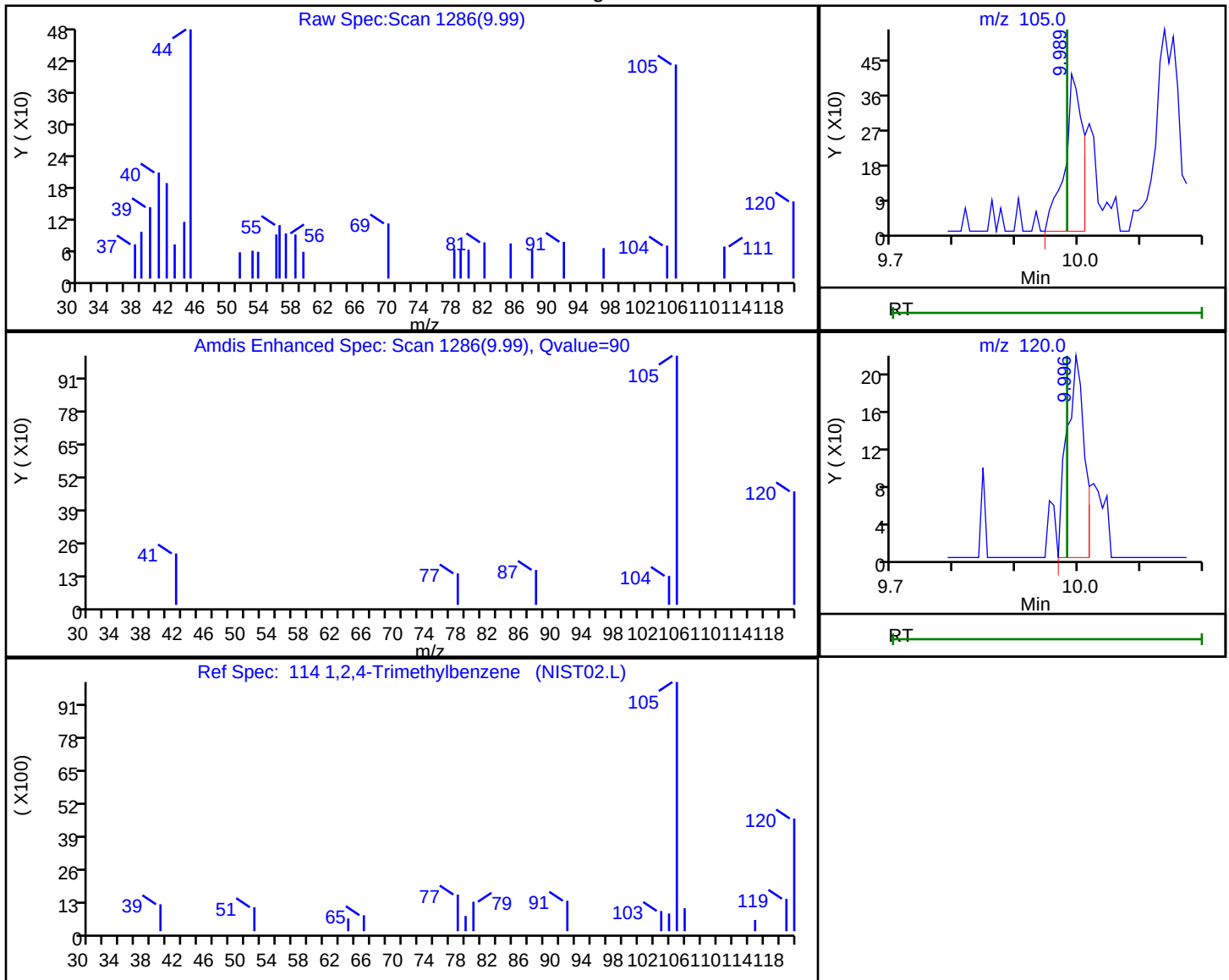
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
9.99	105.00	808	0.064154
10.00	120.00	414	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

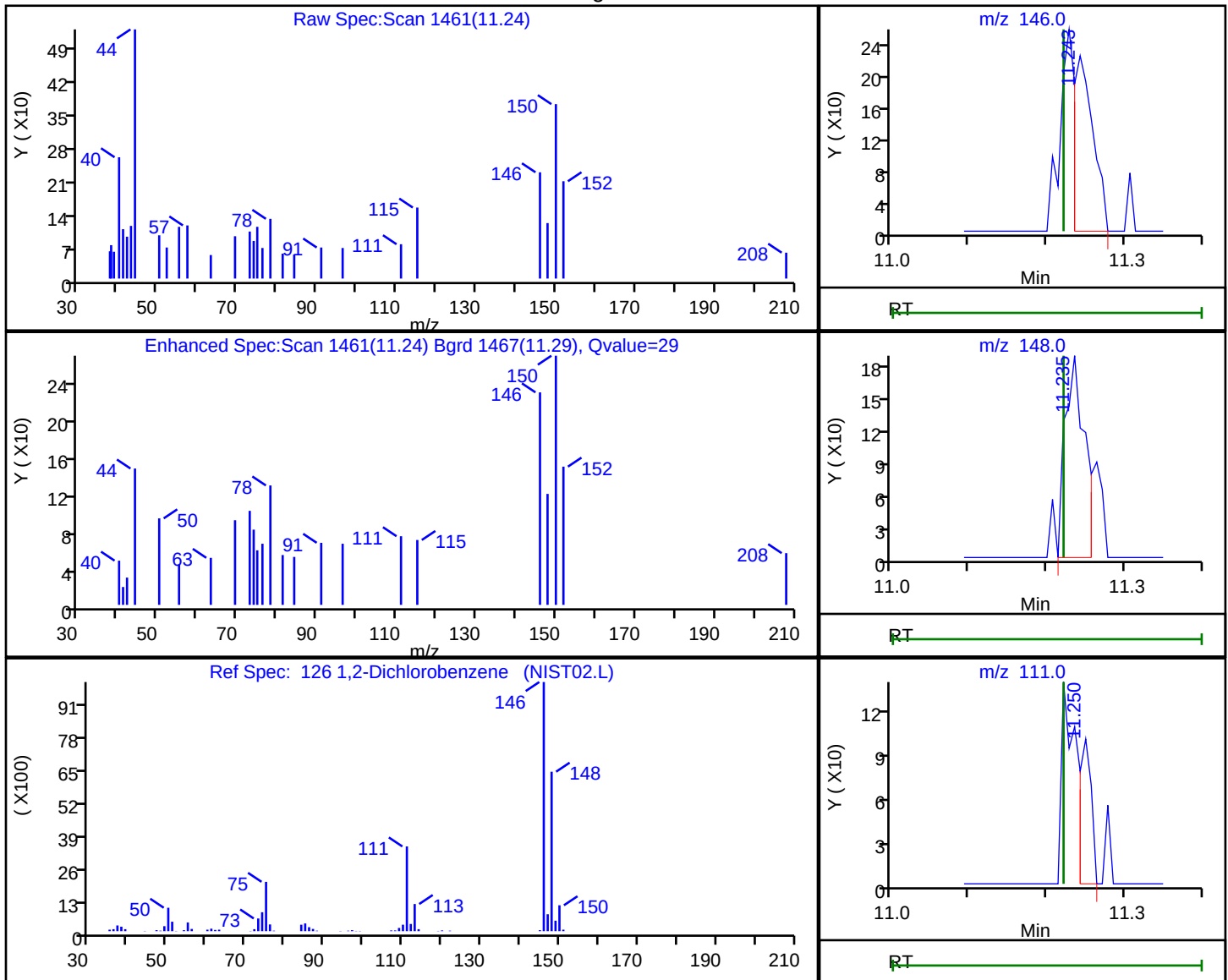
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

126 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.24	146.00	393	0.056402
11.24	148.00	324	
11.25	111.00	99	

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

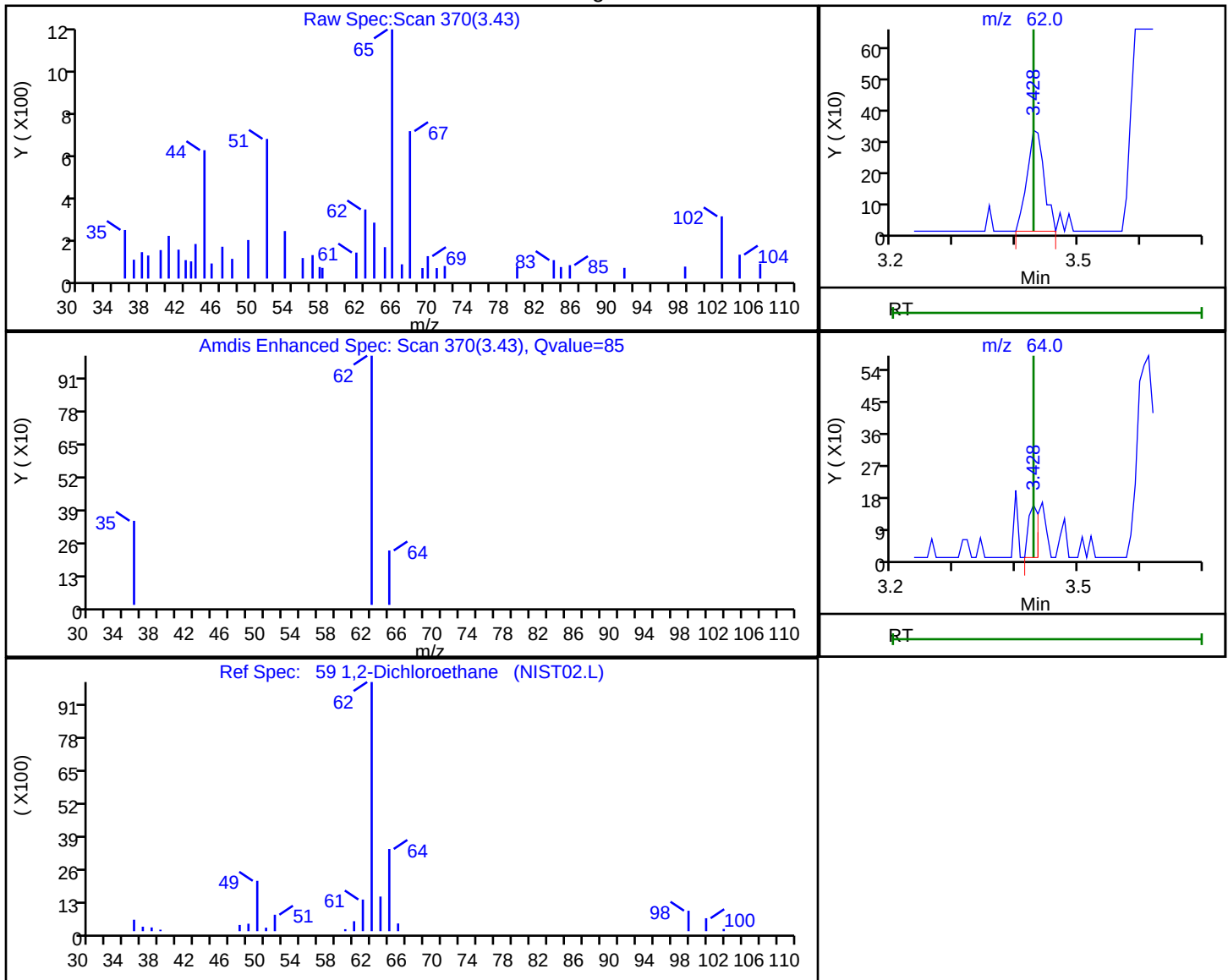
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.43	62.00	627	0.141912
3.43	64.00	169	

Reviewer: delpolitov, 06-Dec-2018 09:34:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

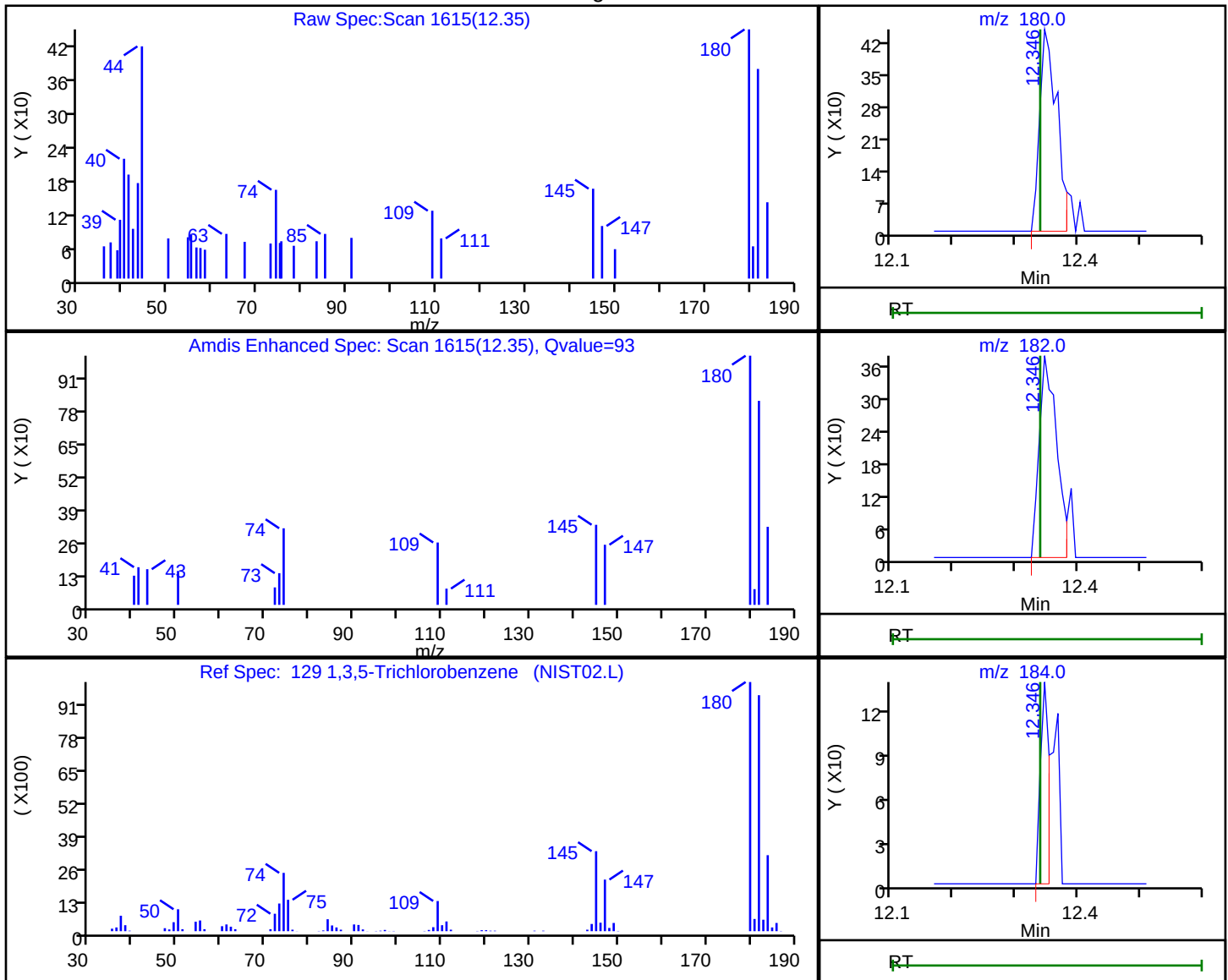
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

129 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.35	180.00	854	0.162160
12.35	182.00	731	
12.35	184.00	129	

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

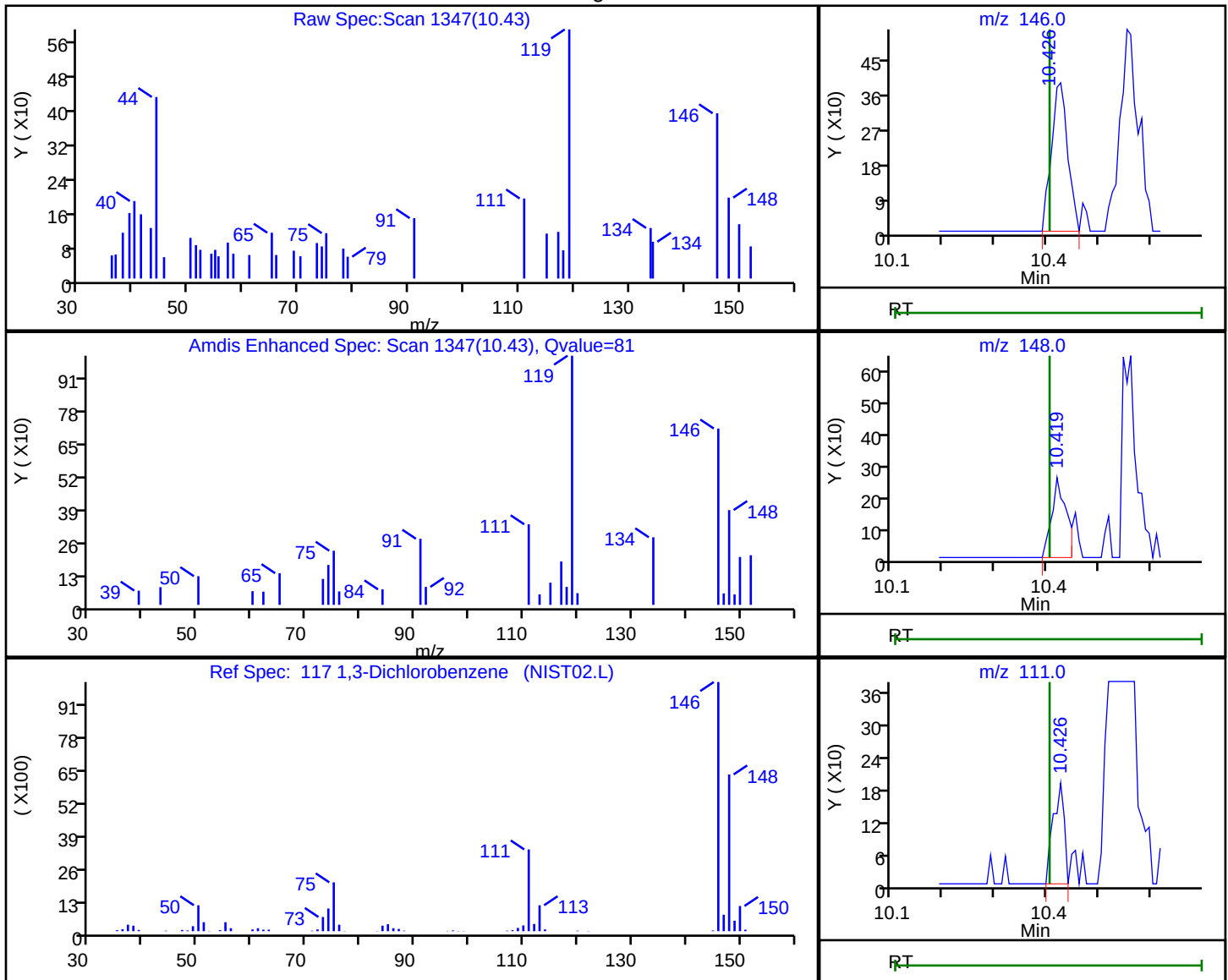
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.43	146.00	846	0.114907
10.42	148.00	493	
10.43	111.00	278	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

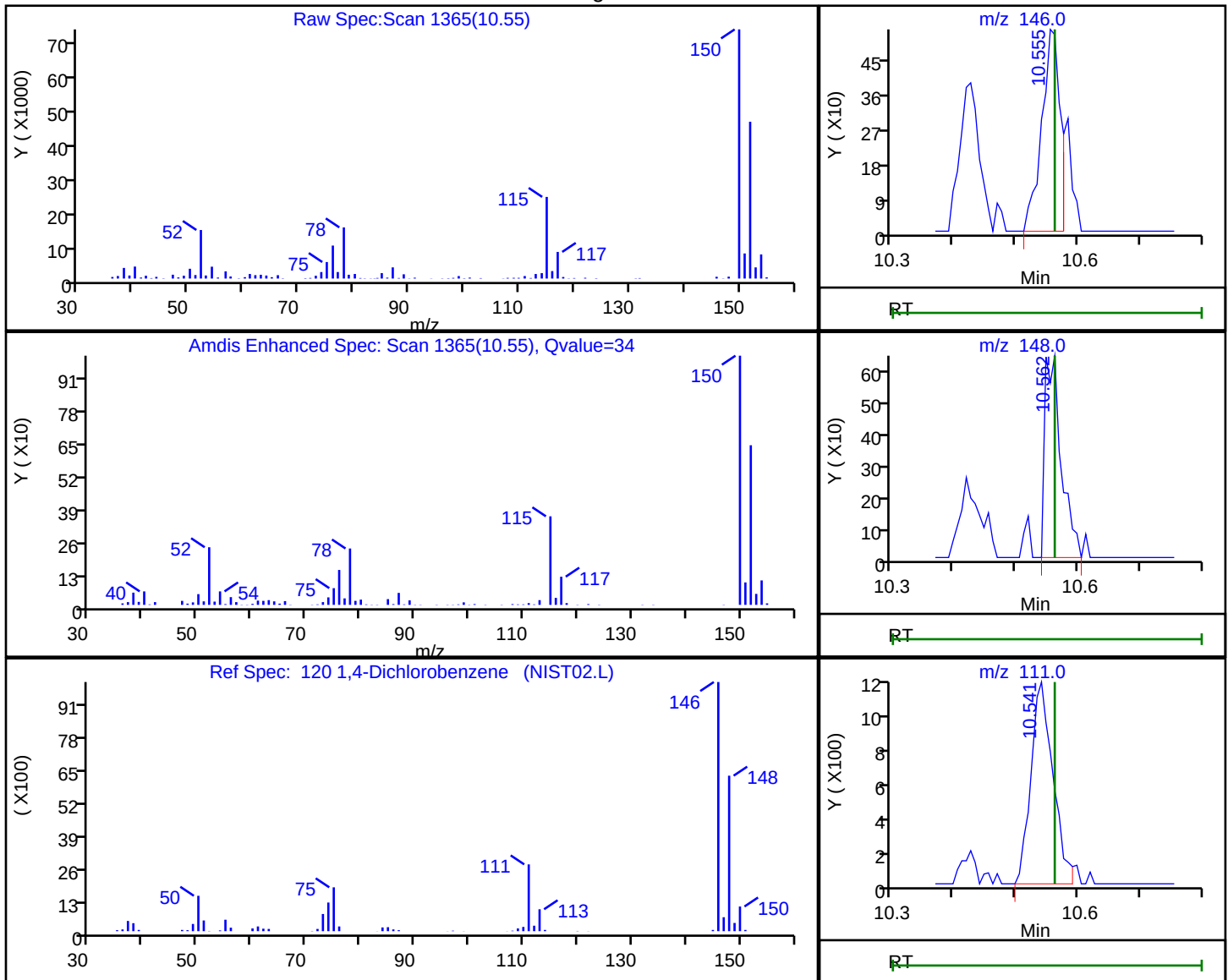
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.55	146.00	1100	0.143997
10.56	148.00	1180	
10.54	111.00	2829	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

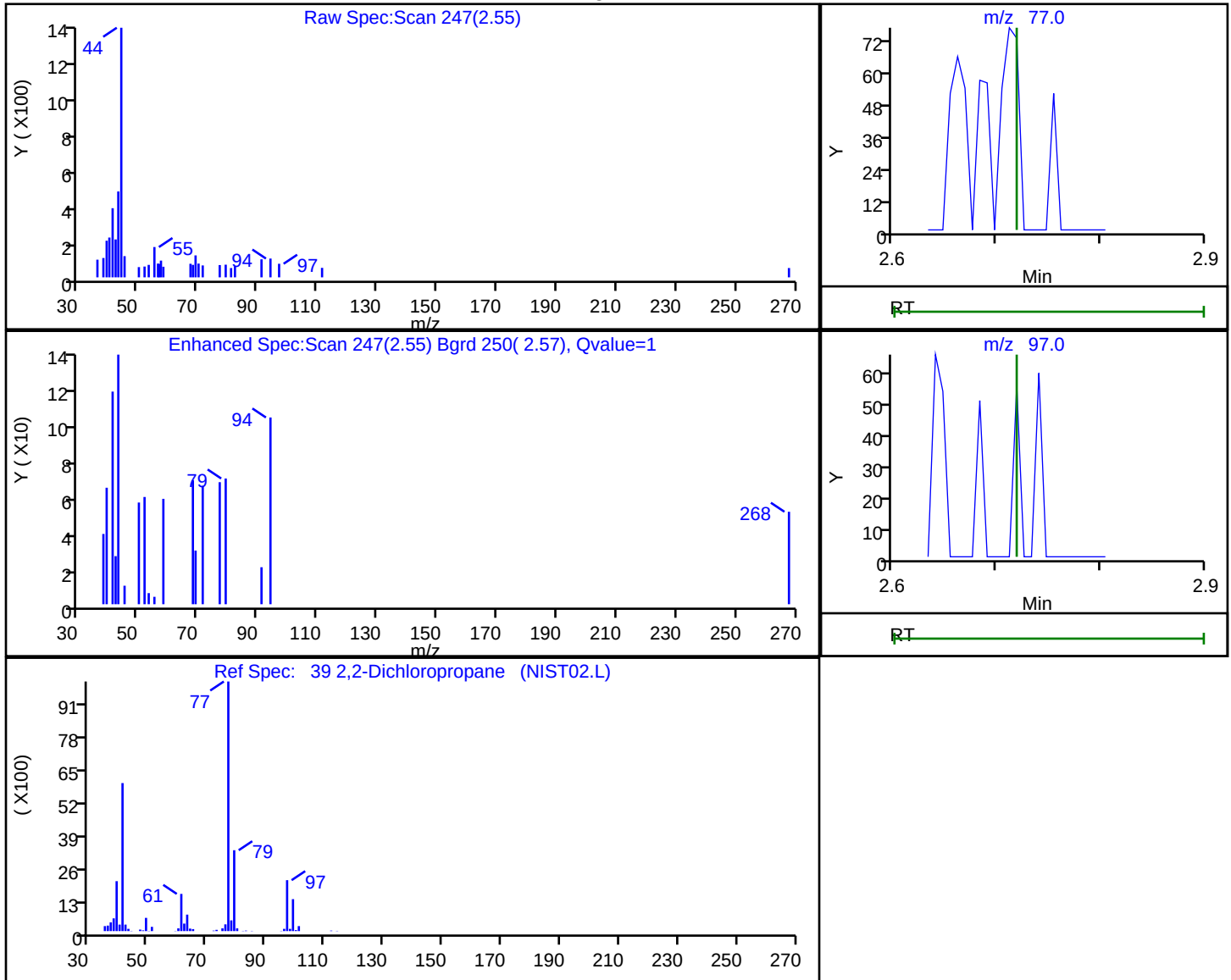
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.55	77.00	78	0.018371
2.55	97.00	31	

Reviewer: delpolitov, 06-Dec-2018 09:33:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

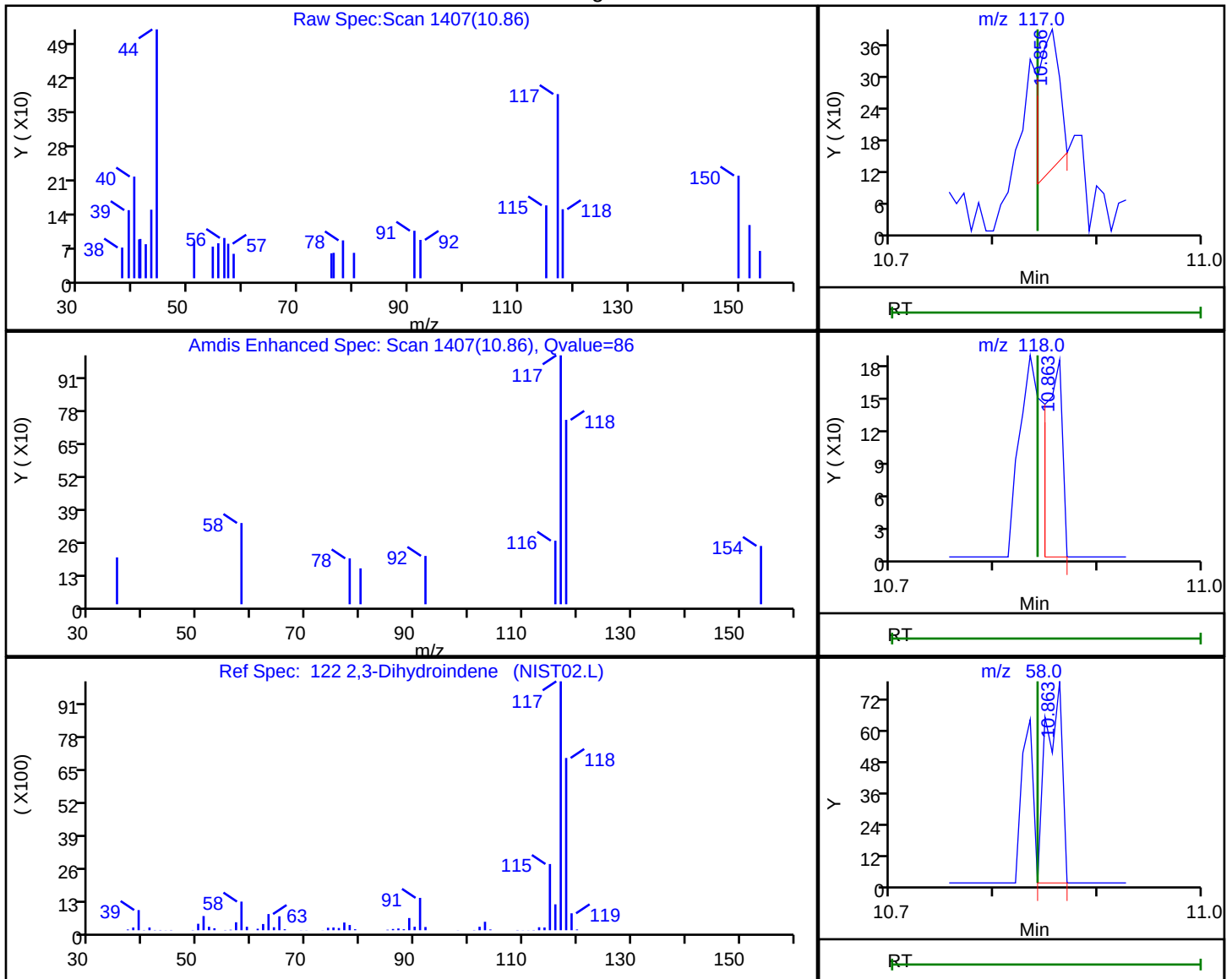
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.86	117.00	375	0.028465
10.86	118.00	197	
10.86	58.00	84	

Reviewer: delpolitov, 06-Dec-2018 09:34:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

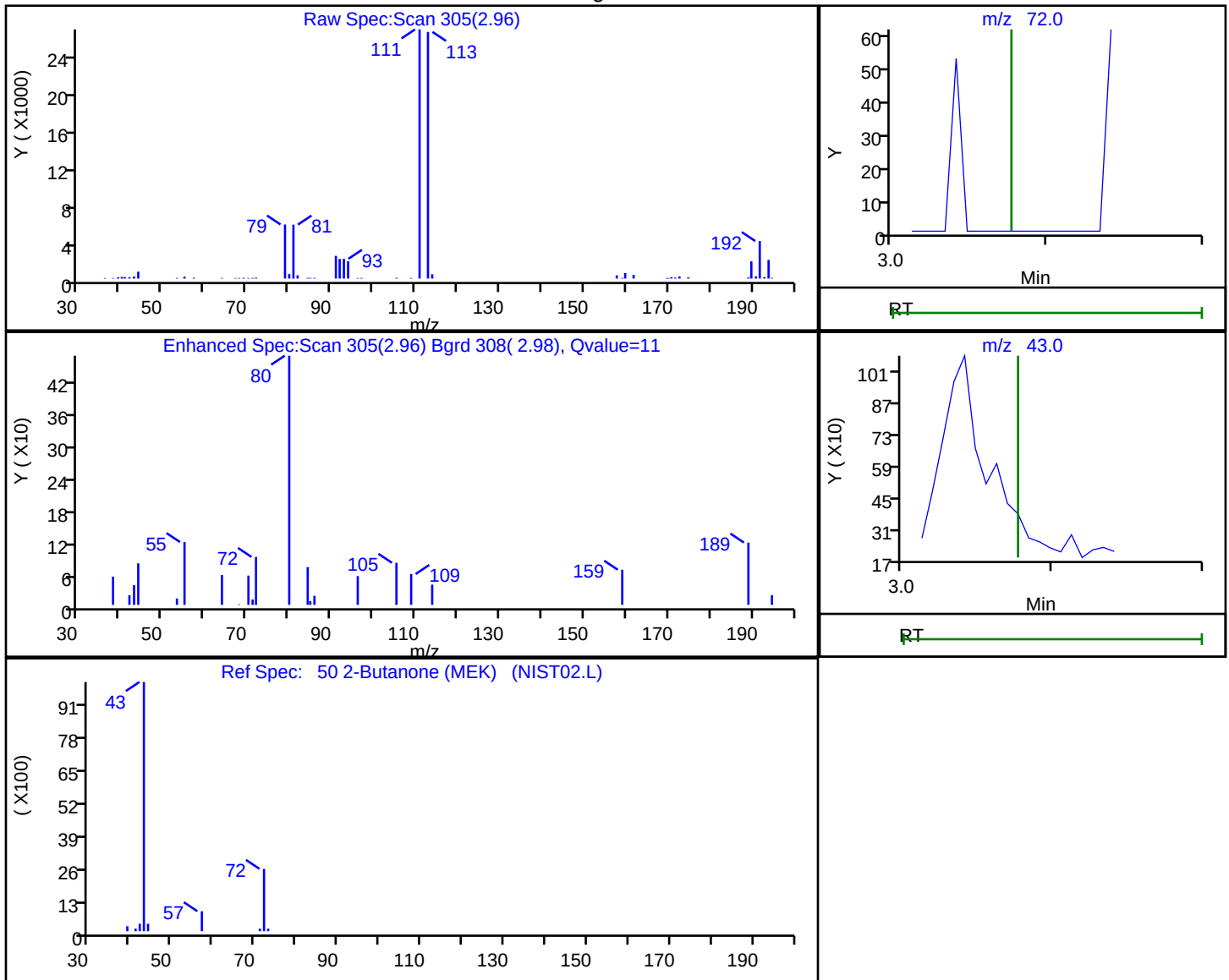
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.96	72.00	67	0.211469
2.98	43.00	91	

Reviewer: delpolitov, 06-Dec-2018 09:33:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

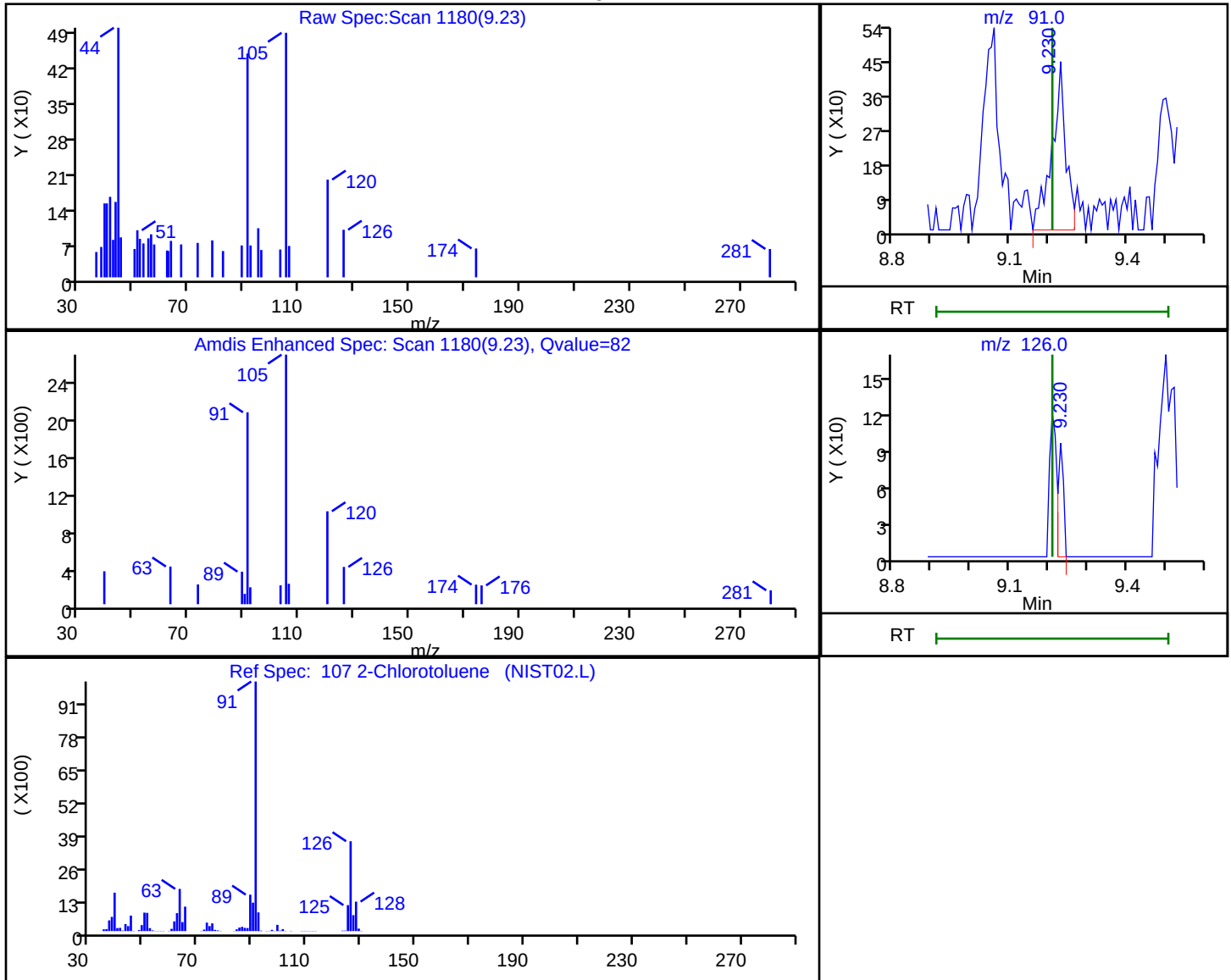
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

107 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
9.23	91.00	1109	0.099039
9.23	126.00	90	

Reviewer: delpolitov, 06-Dec-2018 09:34:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

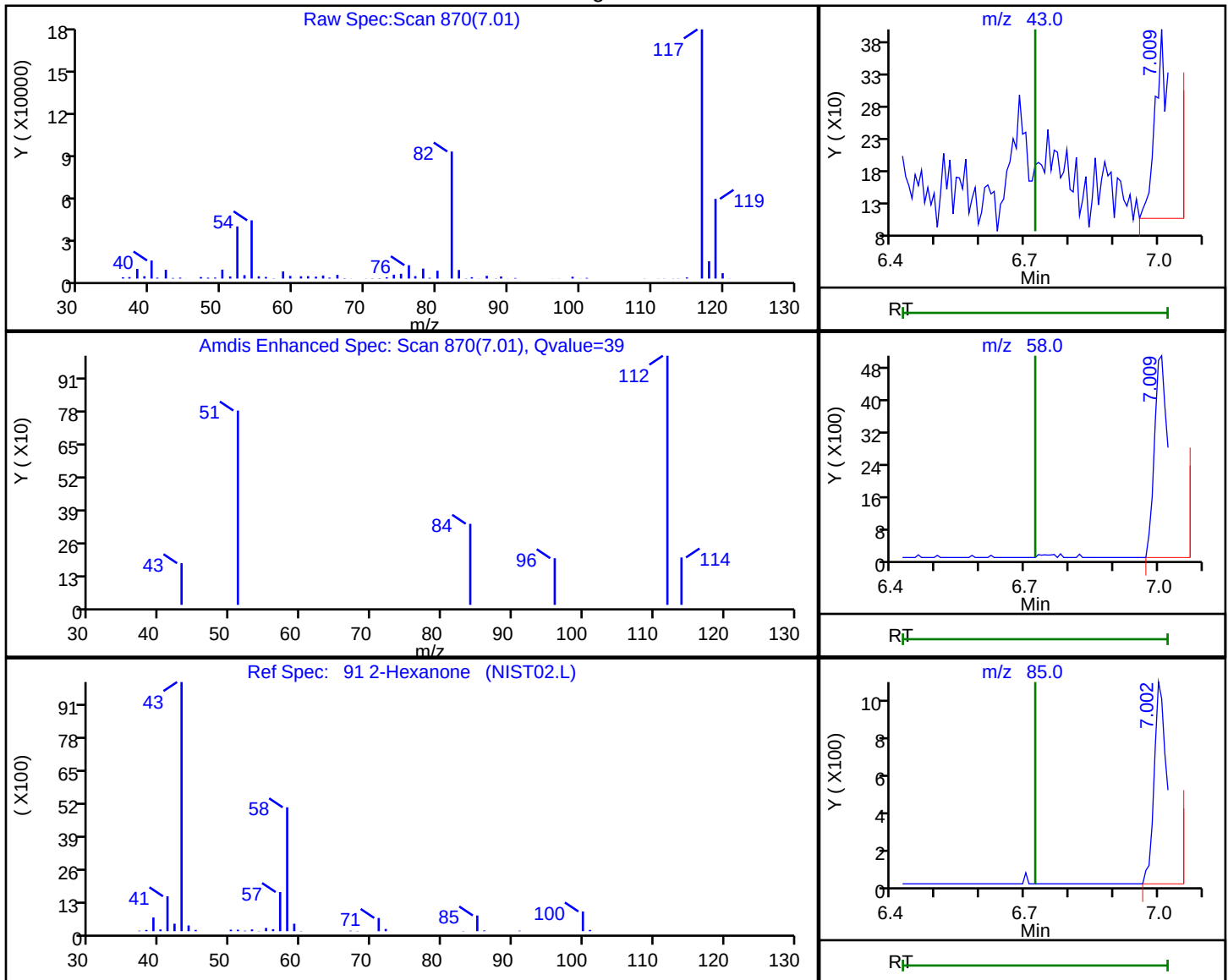
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

91 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.01	43.00	730	1.577011
7.01	58.00	10952	
7.00	85.00	2157	
7.00	100.00	71	

Reviewer: delpolitov, 06-Dec-2018 09:34:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

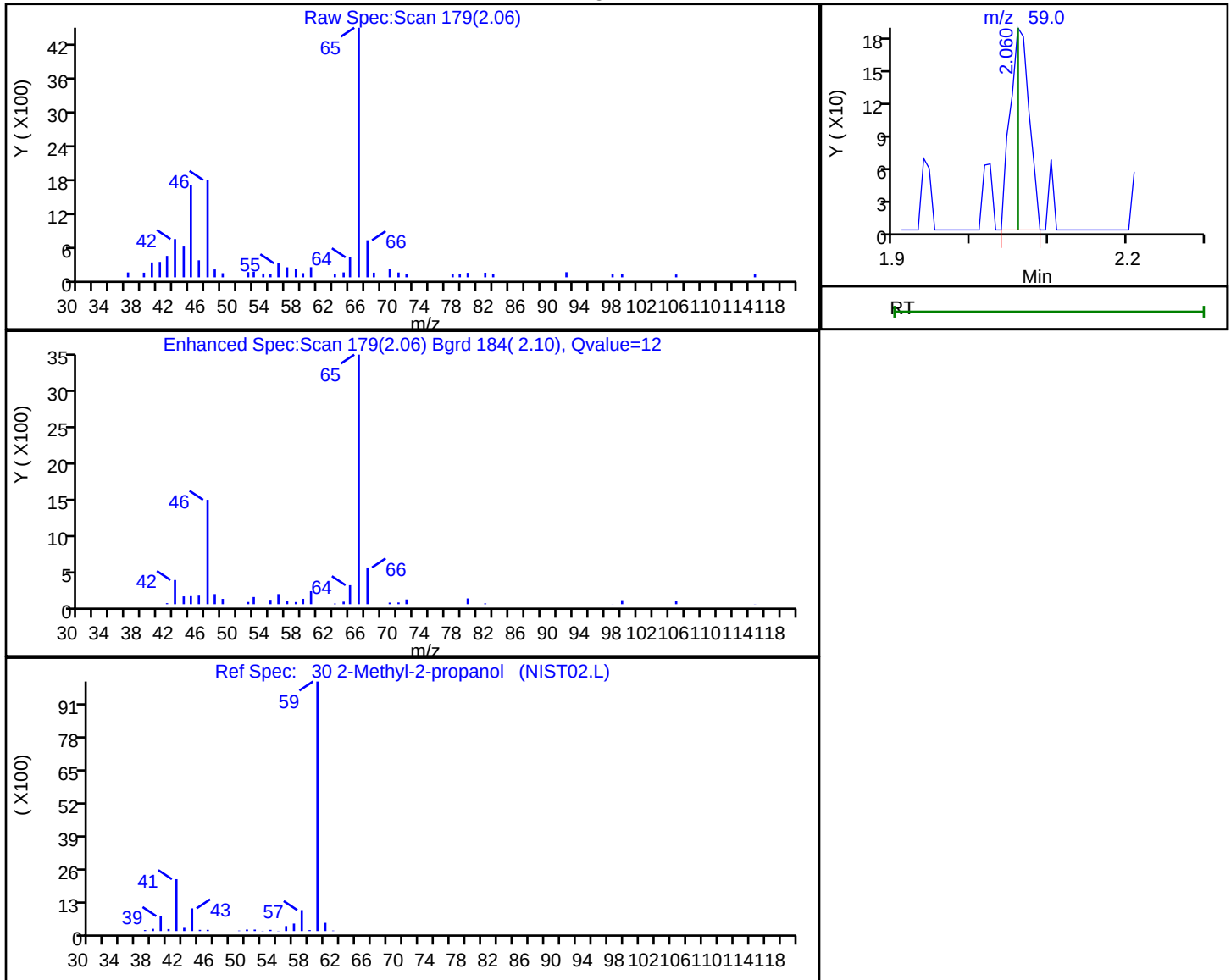
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.06	59.00	309	1.144002

Reviewer: delpolitov, 06-Dec-2018 09:33:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

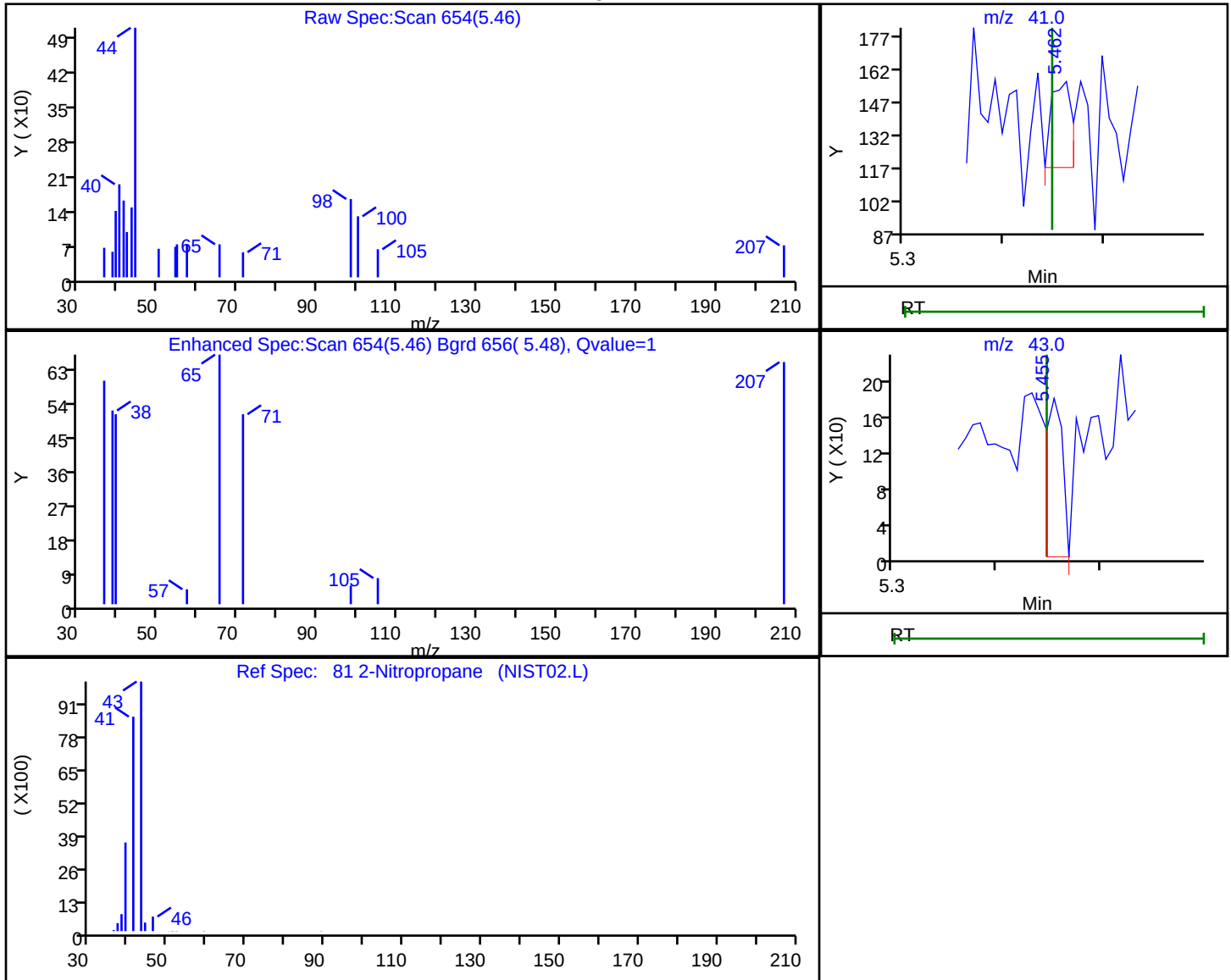
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

81 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.46	41.00	57	0.062928
5.45	43.00	195	

Reviewer: delpolitov, 06-Dec-2018 09:34:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

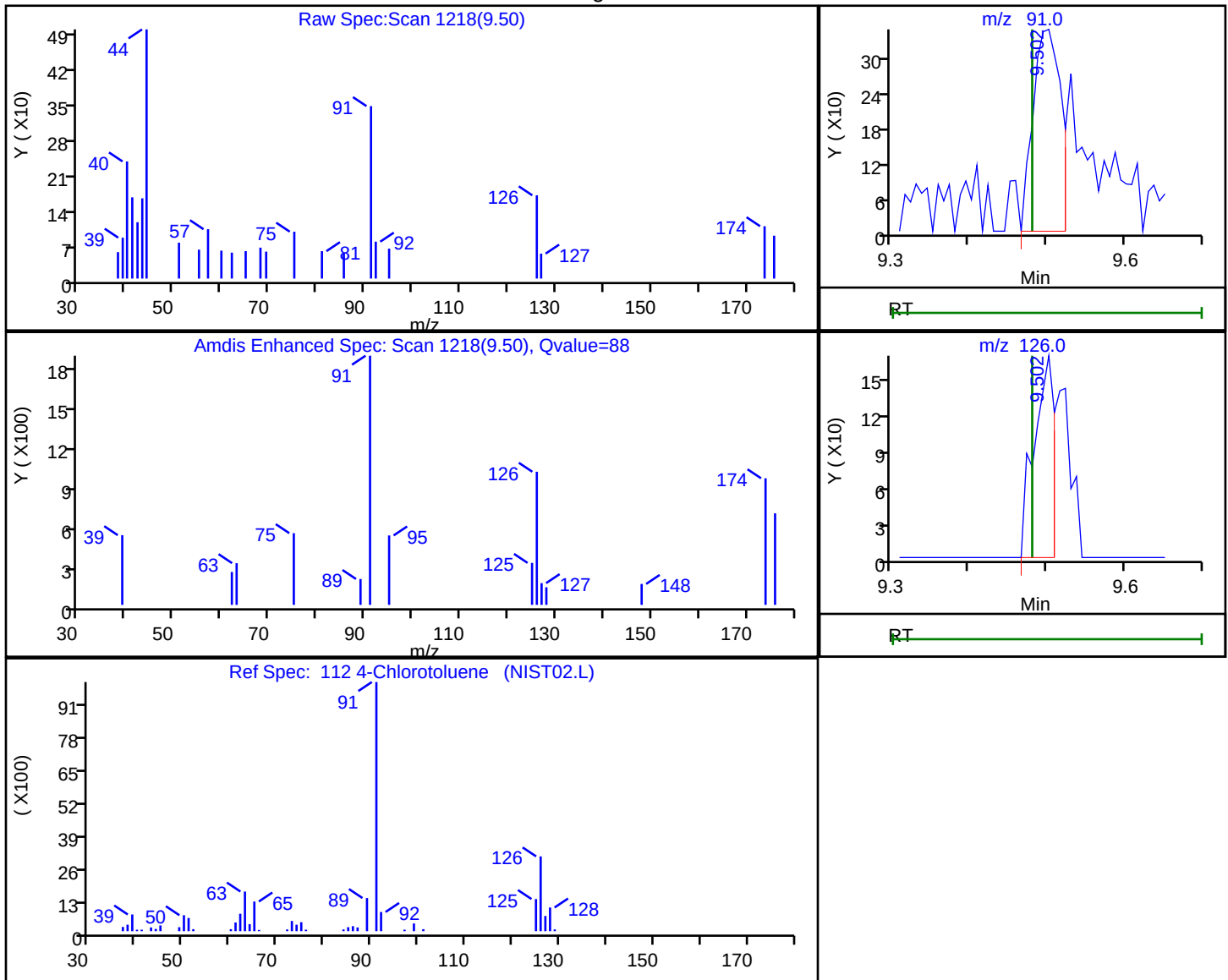
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

112 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.50	91.00	869	0.084187
9.50	126.00	300	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

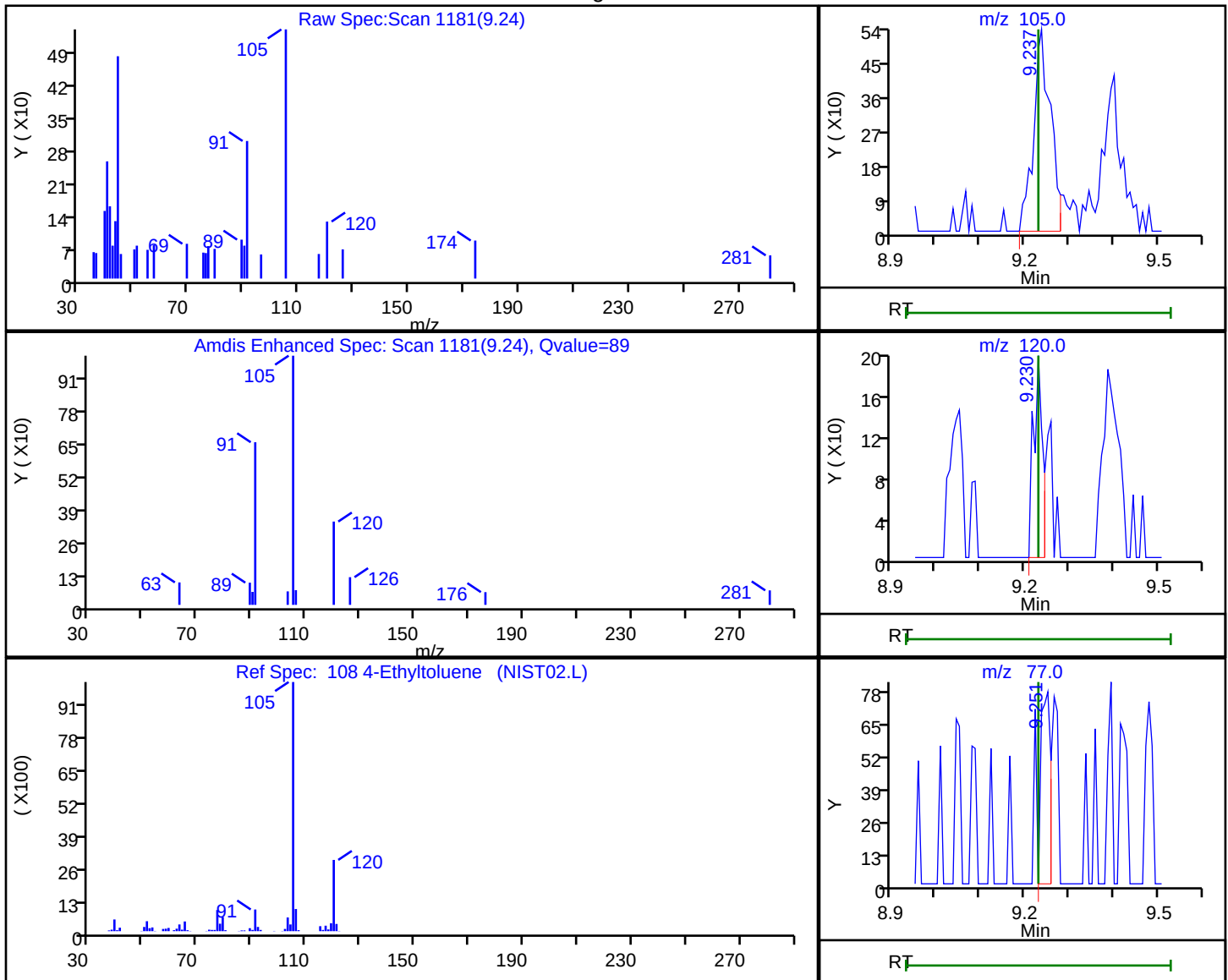
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

108 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.24	105.00	1446	0.098714
9.23	120.00	274	
9.25	77.00	116	

Reviewer: delpolitov, 06-Dec-2018 09:34:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

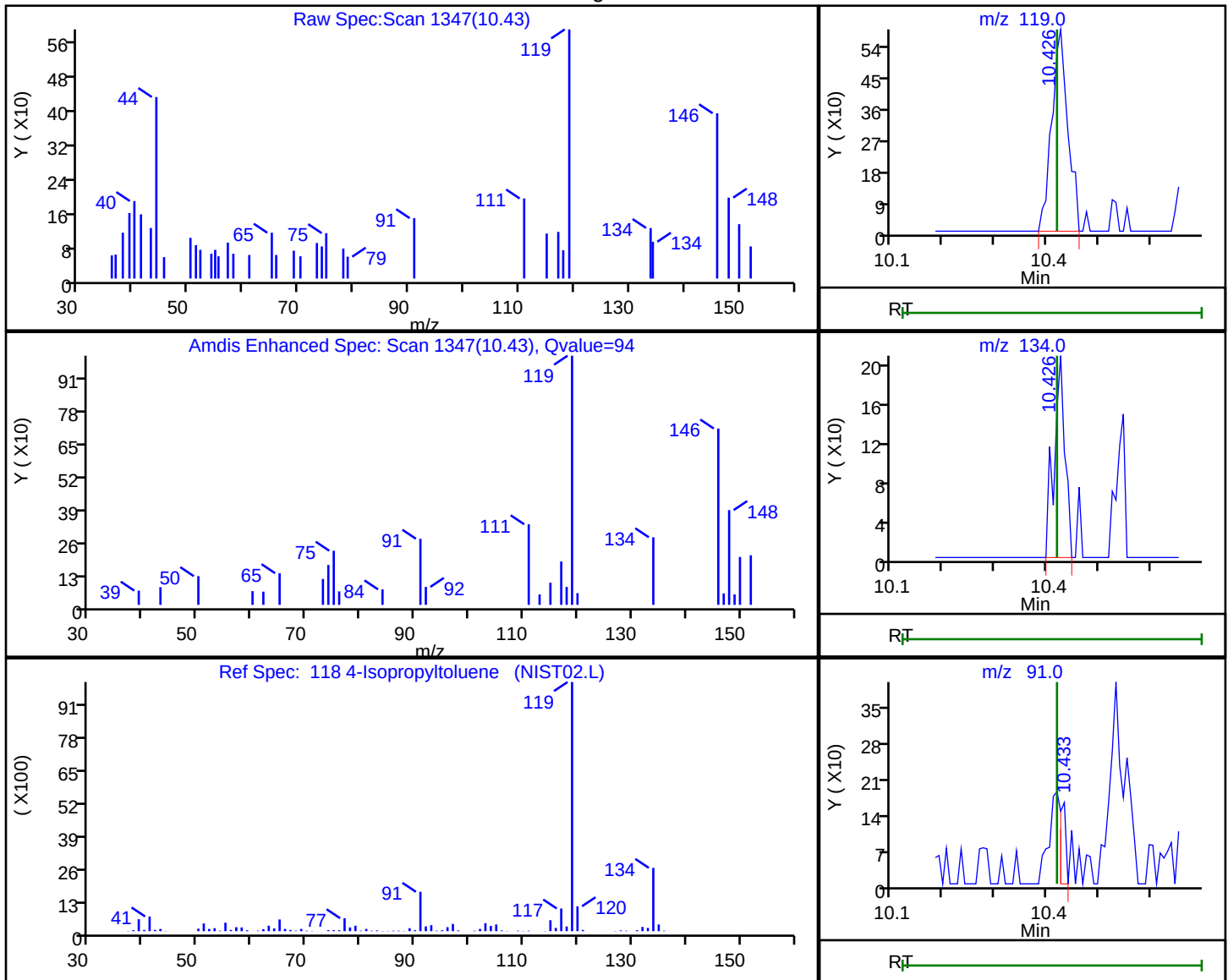
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.43	119.00	1259	0.090944
10.43	134.00	302	
10.43	91.00	128	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

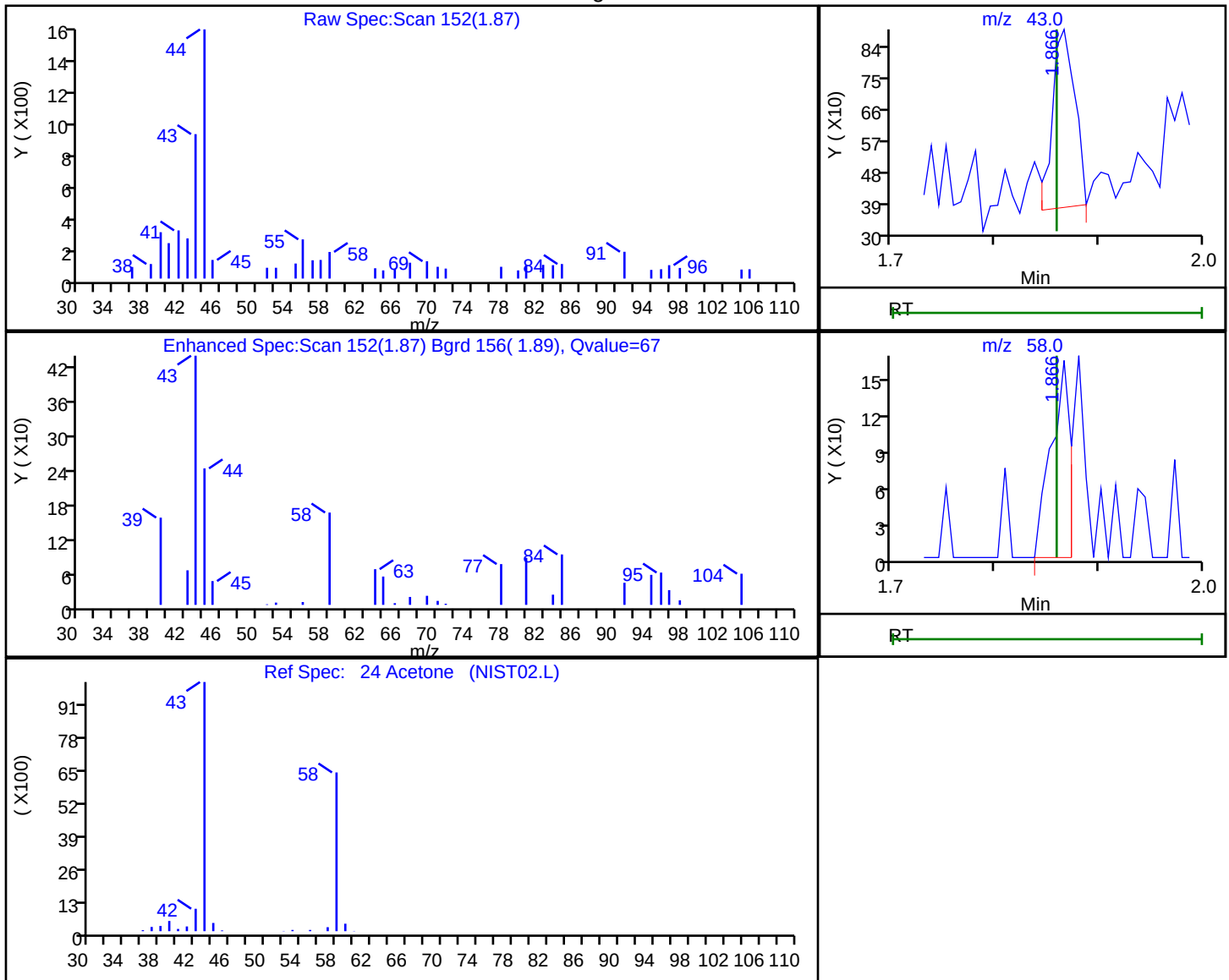
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

24 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.87	43.00	787	0.927855
1.87	58.00	214	

Reviewer: delpolitov, 06-Dec-2018 09:33:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

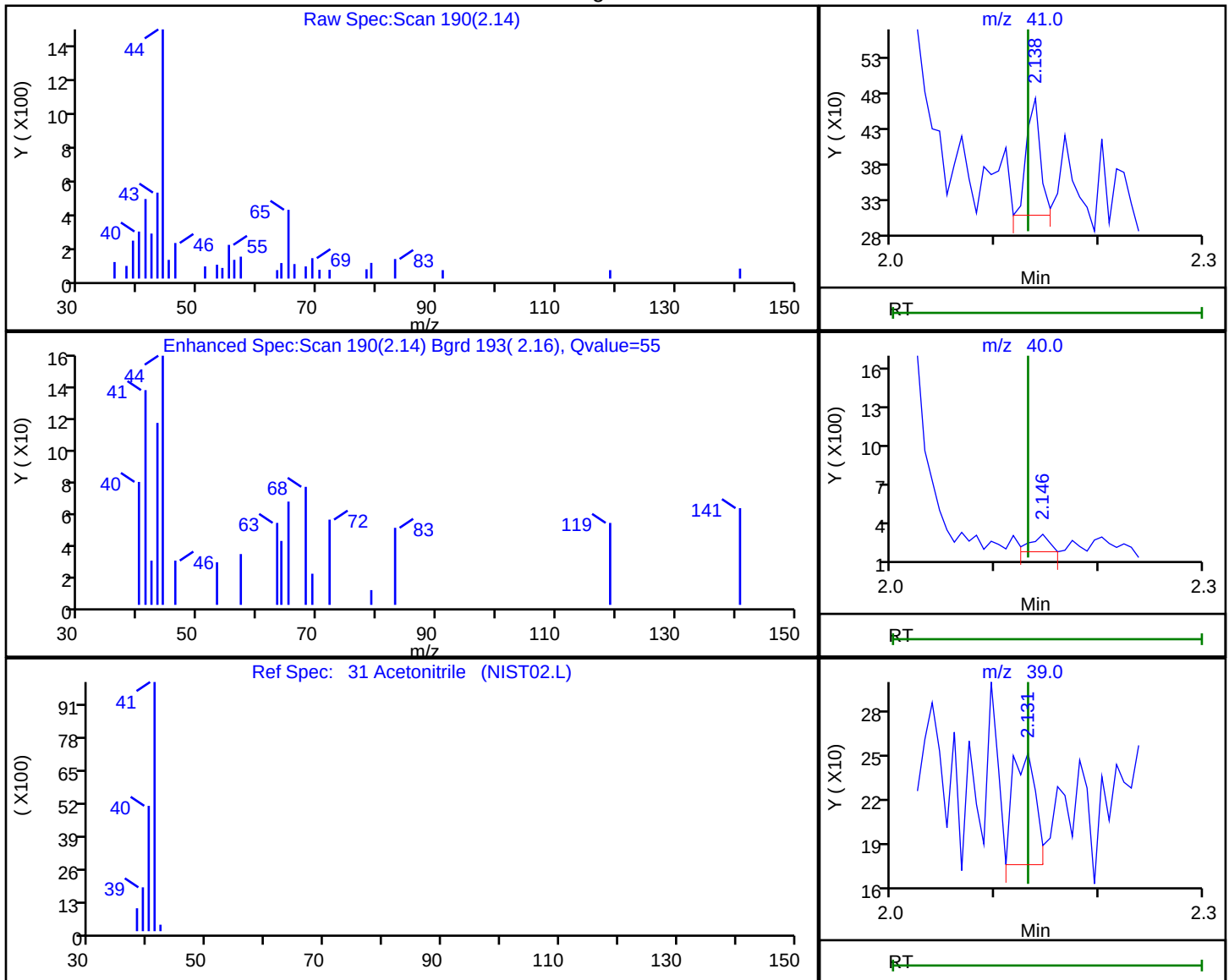
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

31 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.14	41.00	149	0.451670
2.15	40.00	158	
2.13	39.00	118	
2.13	38.00	58	

Reviewer: delpolitov, 06-Dec-2018 09:33:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

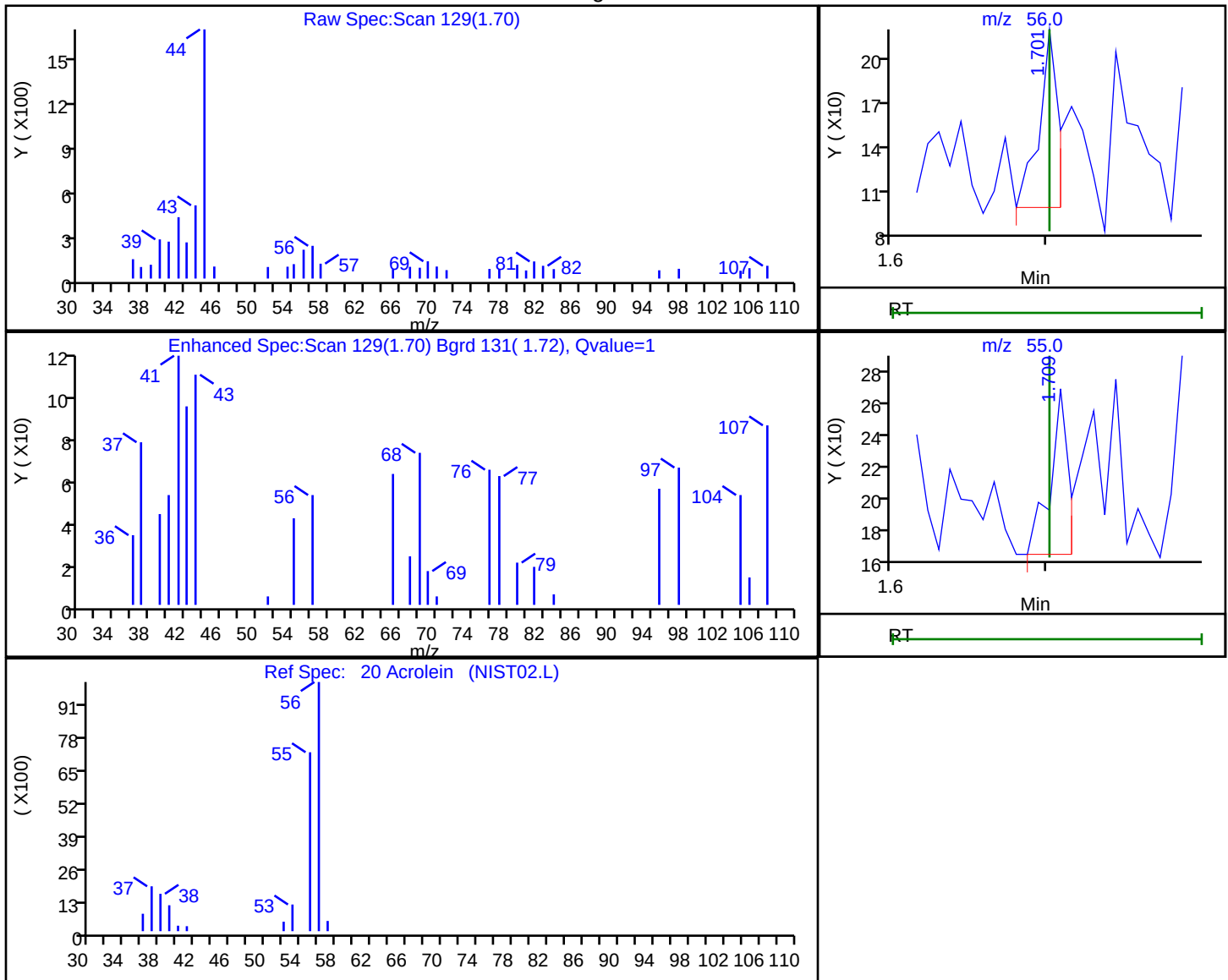
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

20 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.70	56.00	104	0.277464
1.71	55.00	87	

Reviewer: delpolitov, 06-Dec-2018 09:33:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

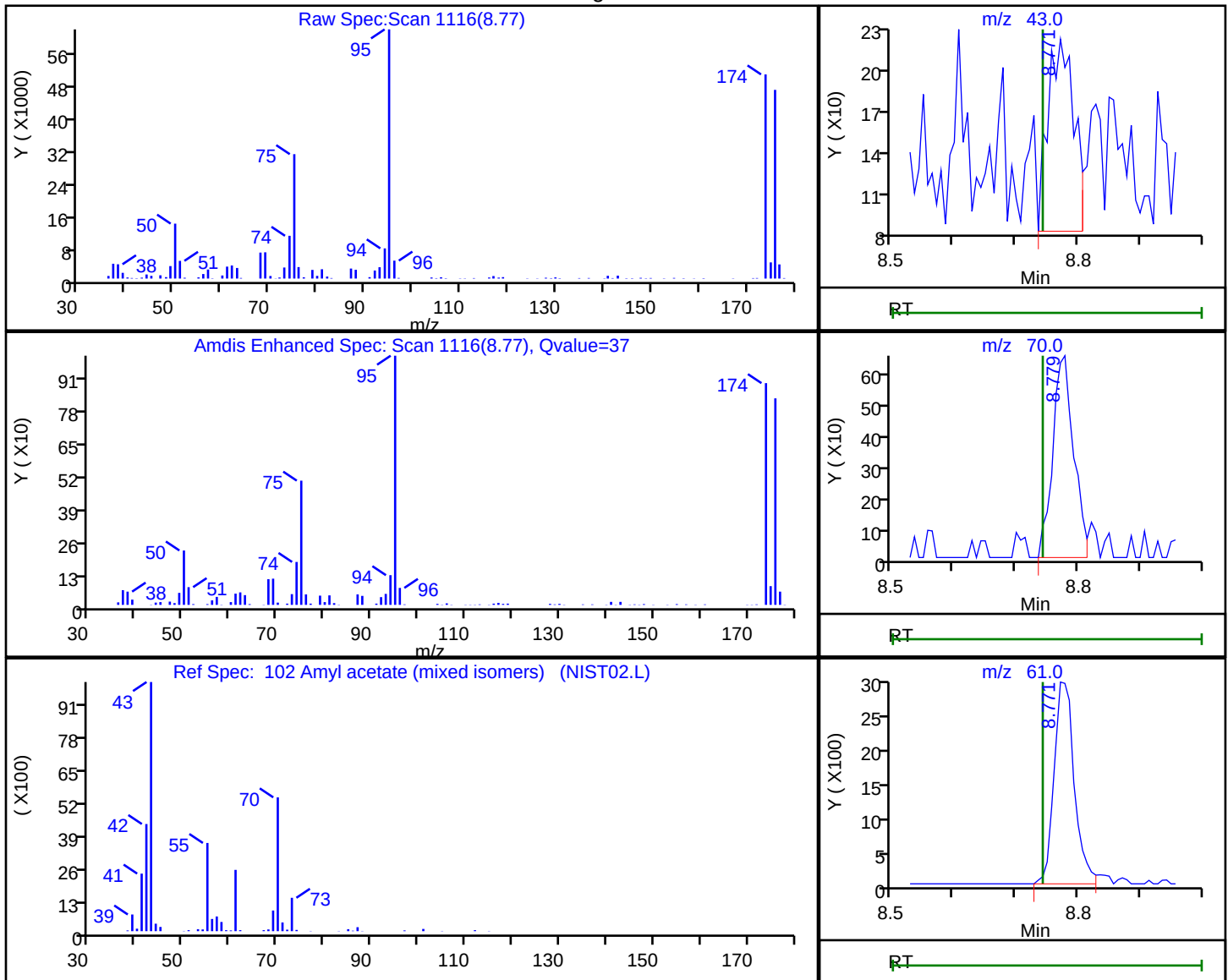
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.77	43.00	401	0.071288
8.78	70.00	1537	
8.77	61.00	6709	

Reviewer: delpolitov, 06-Dec-2018 09:34:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

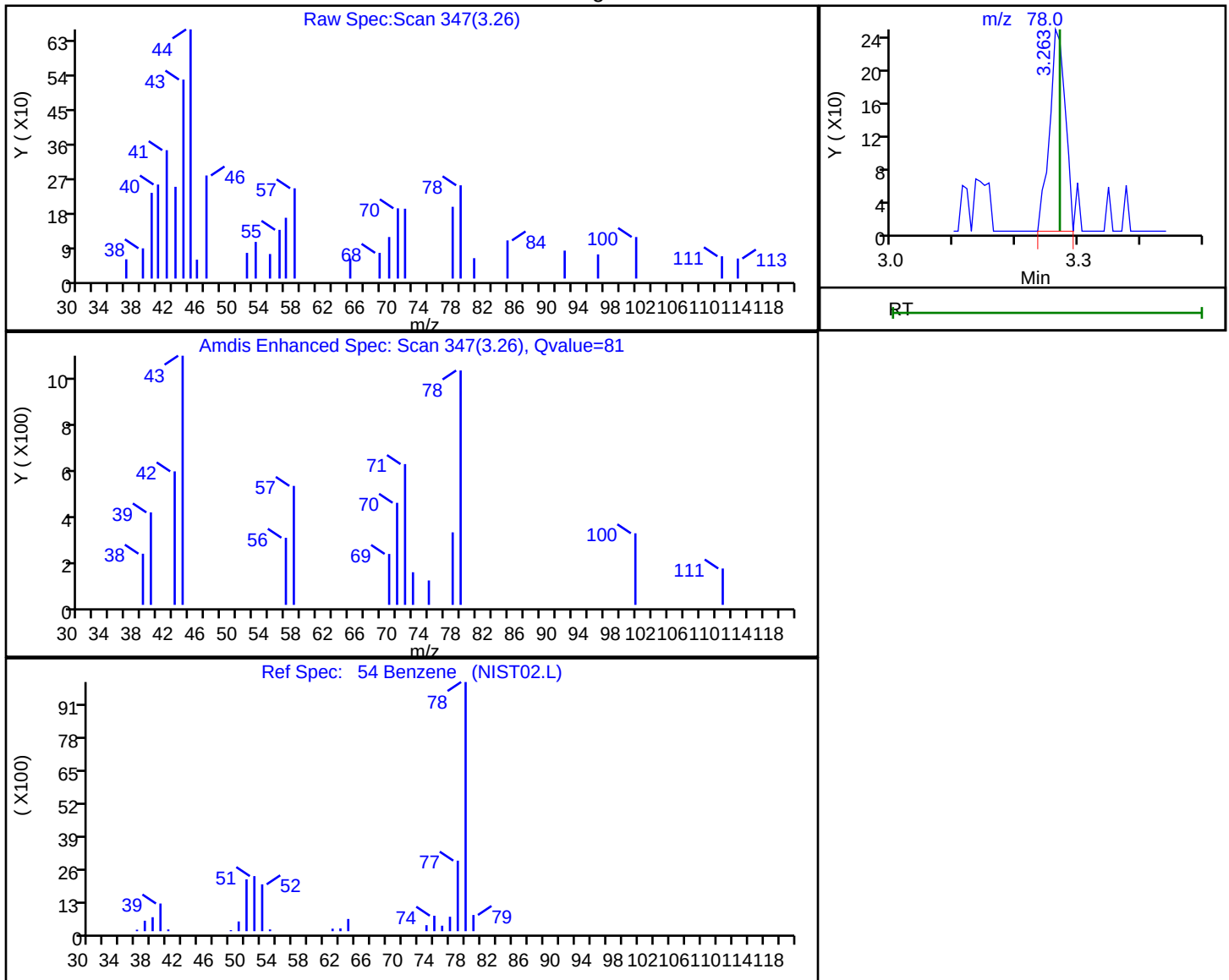
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
3.26	78.00	432	0.038301

Reviewer: delpolitov, 06-Dec-2018 09:34:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

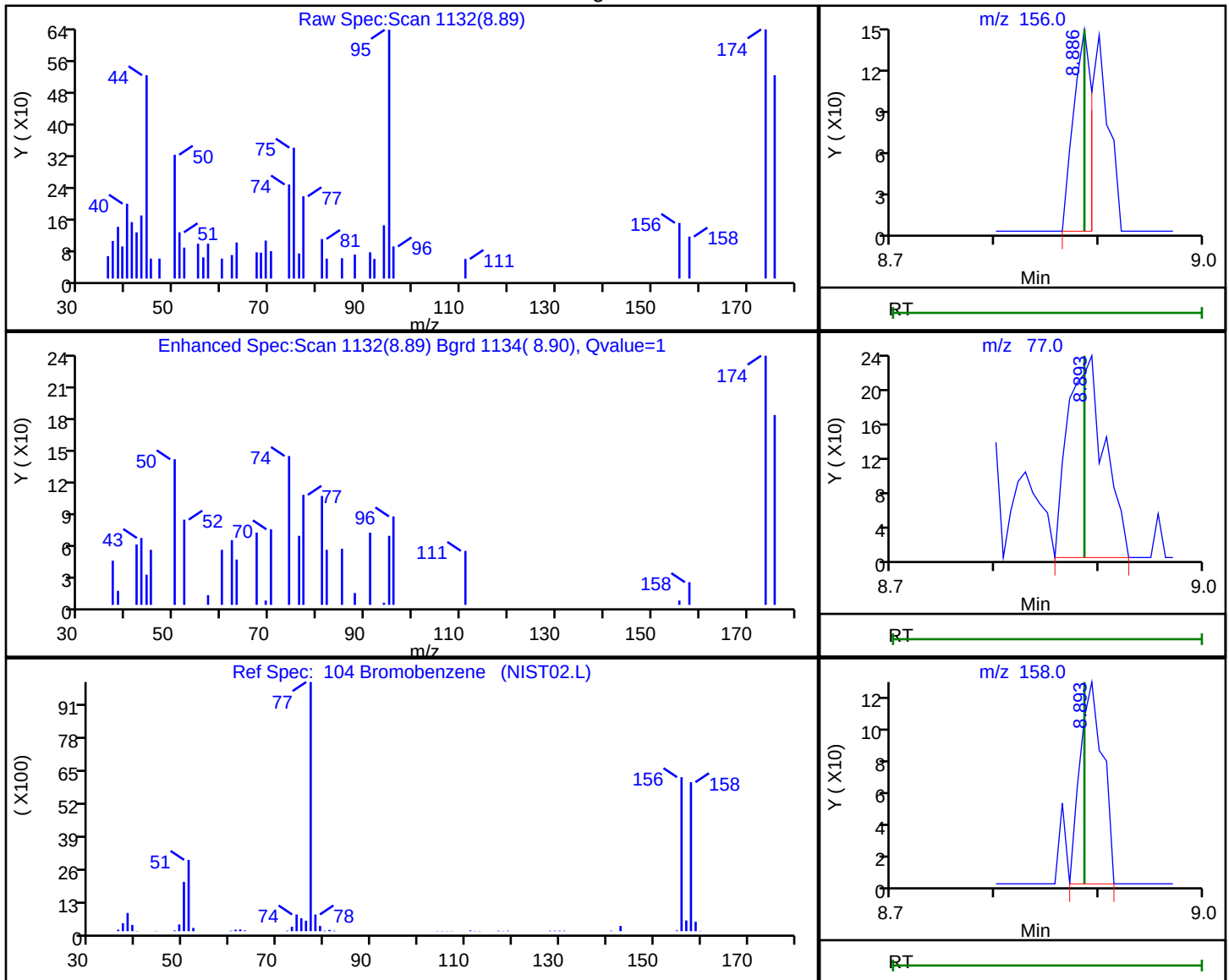
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

104 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
8.89	156.00	174	0.047399
8.89	77.00	563	
8.89	158.00	199	

Reviewer: delpolitov, 06-Dec-2018 09:34:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

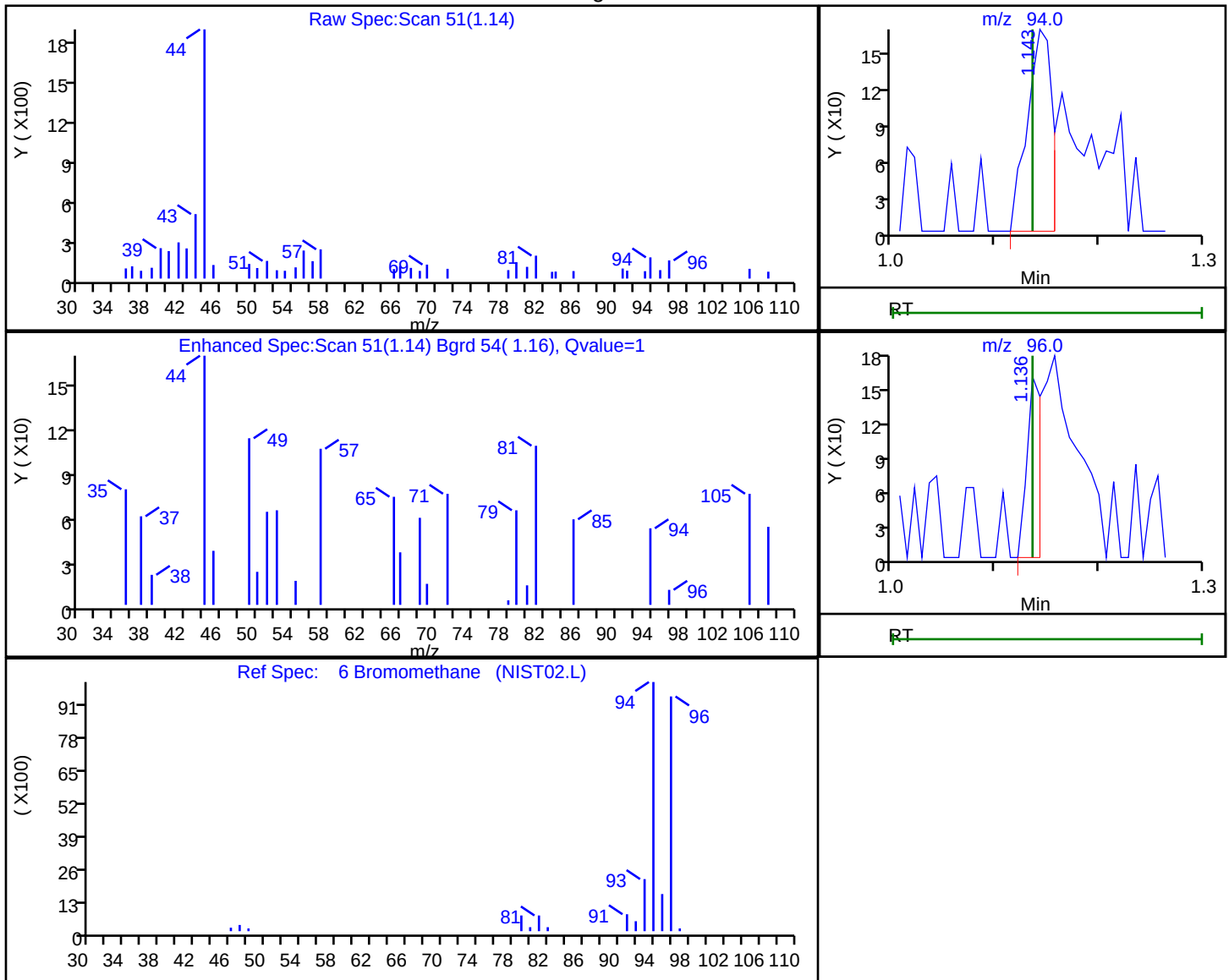
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.14	94.00	272	0.189464
1.14	96.00	153	

Reviewer: delpolitov, 06-Dec-2018 09:33:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

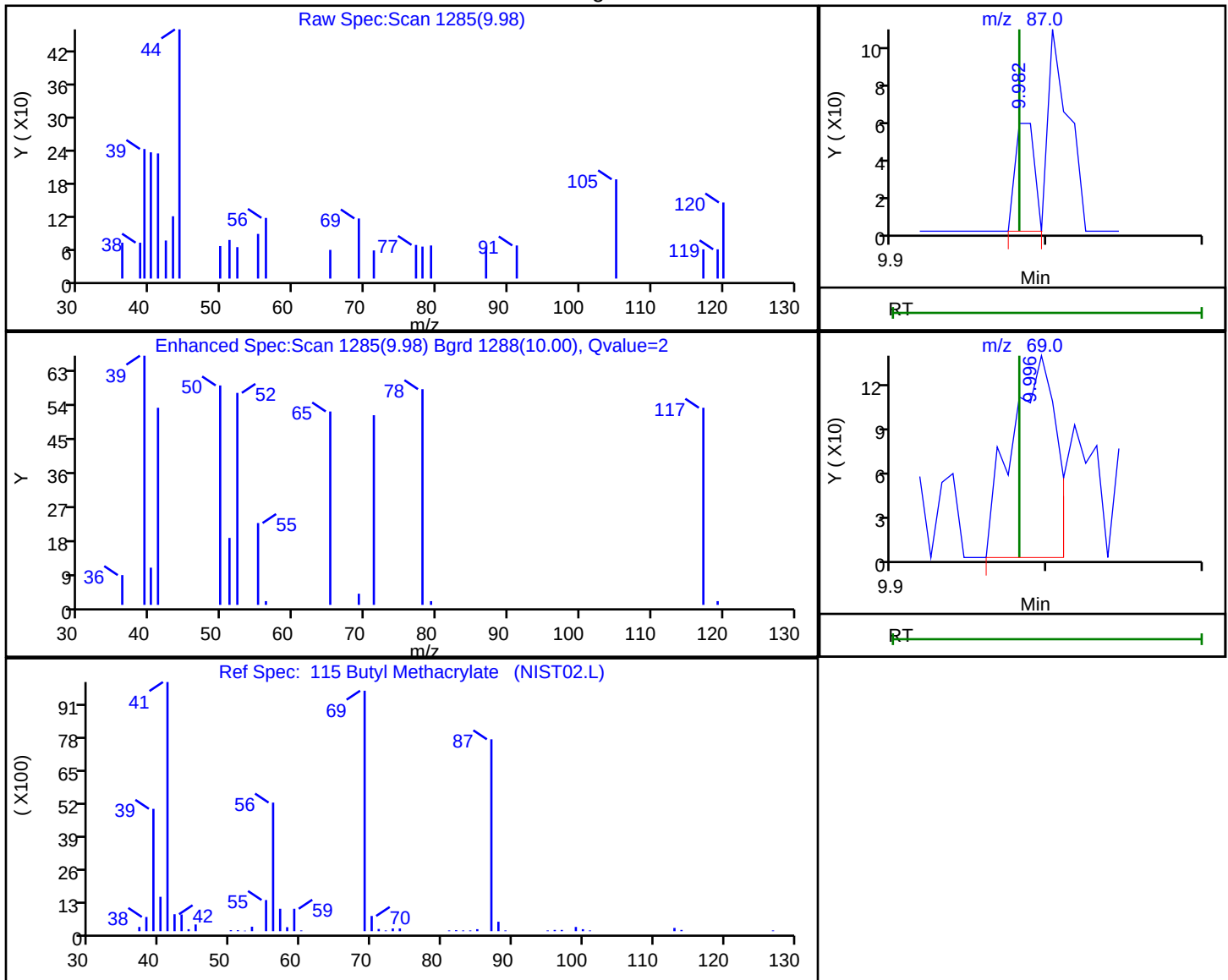
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
9.98	87.00	47	0.219394
10.00	69.00	276	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

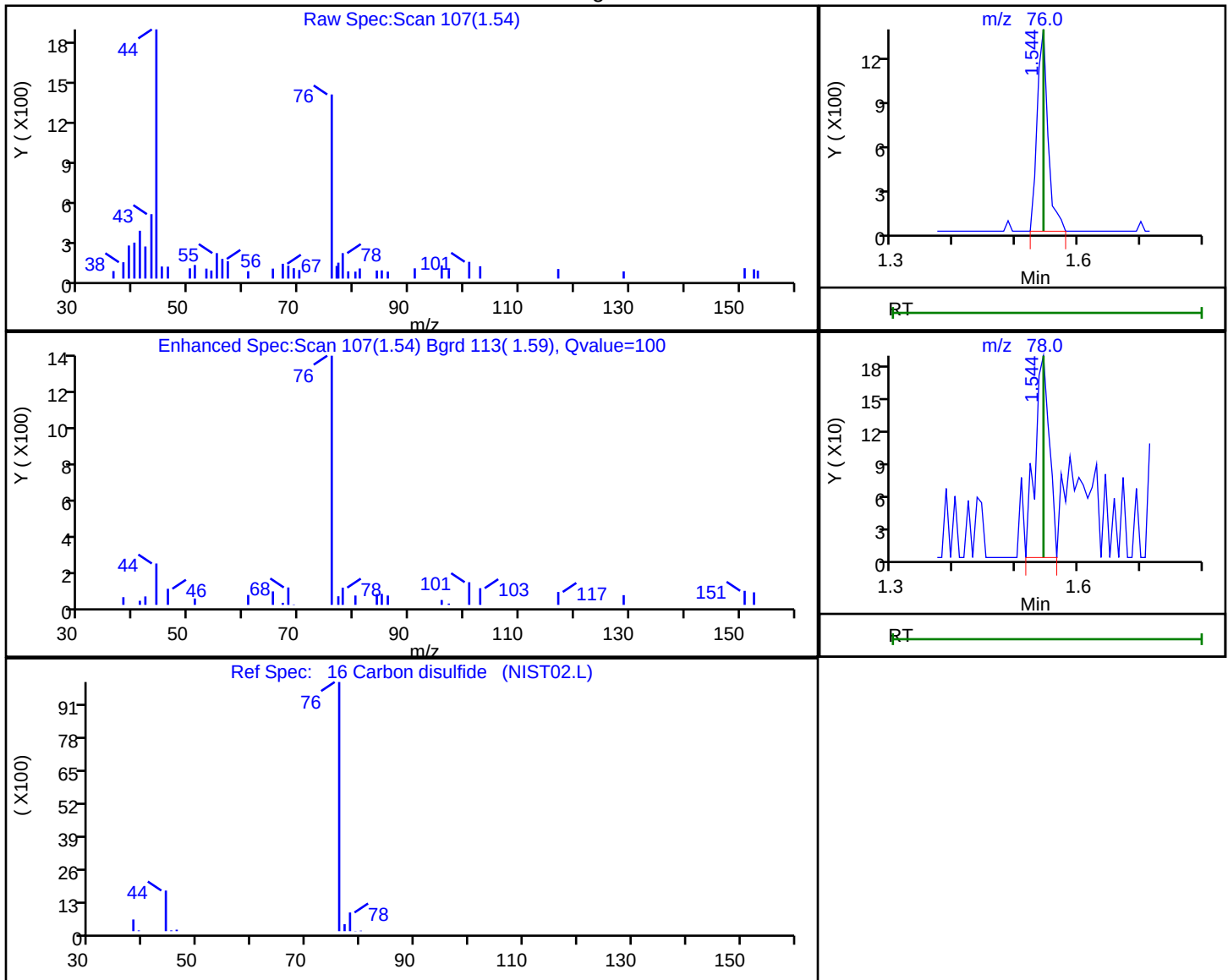
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.54	76.00	1619	0.205271
1.54	78.00	295	

Reviewer: delpolitov, 06-Dec-2018 09:33:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

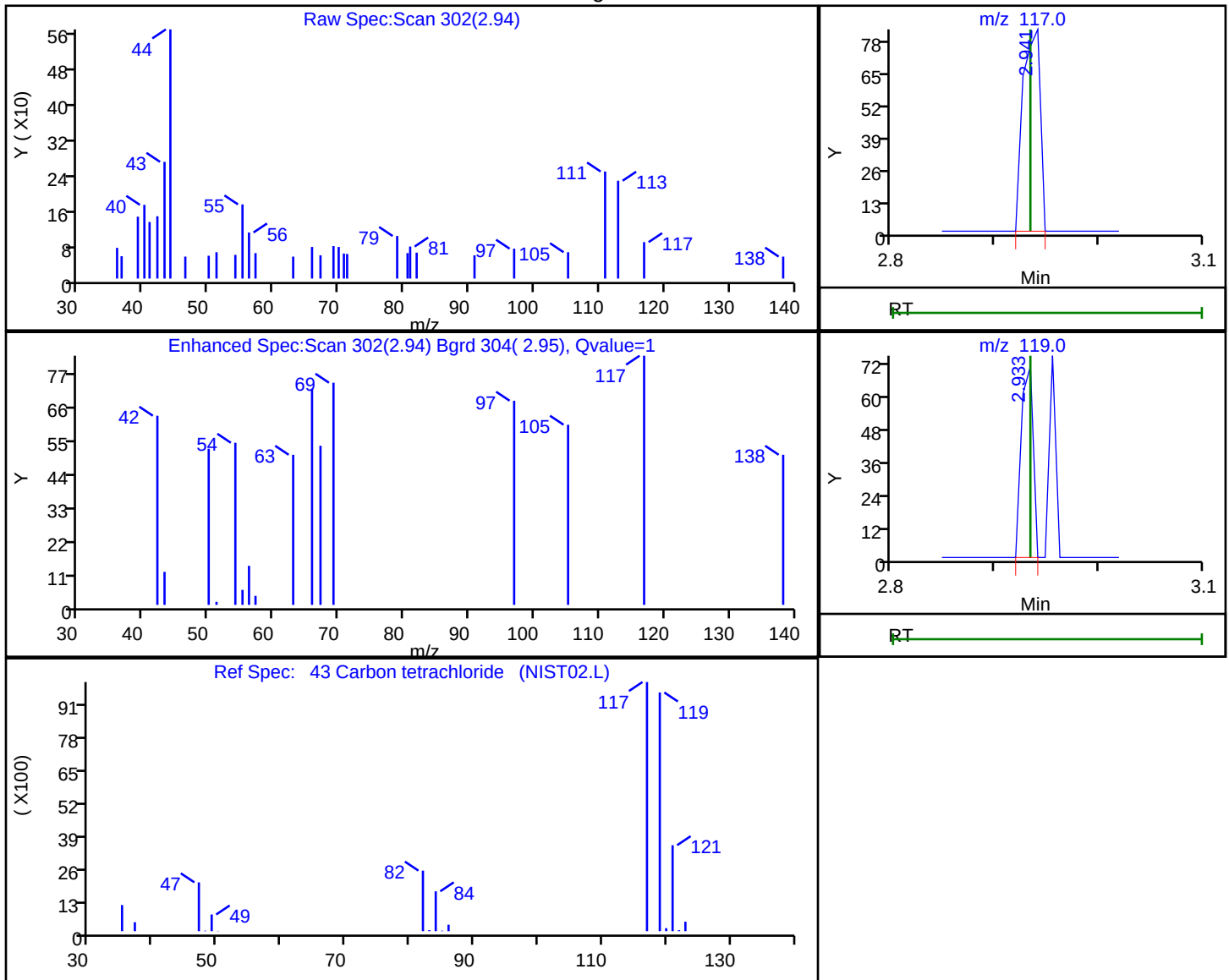
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

43 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
2.94	117.00	96	0.025811
2.93	119.00	57	

Reviewer: delpolitov, 06-Dec-2018 09:33:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

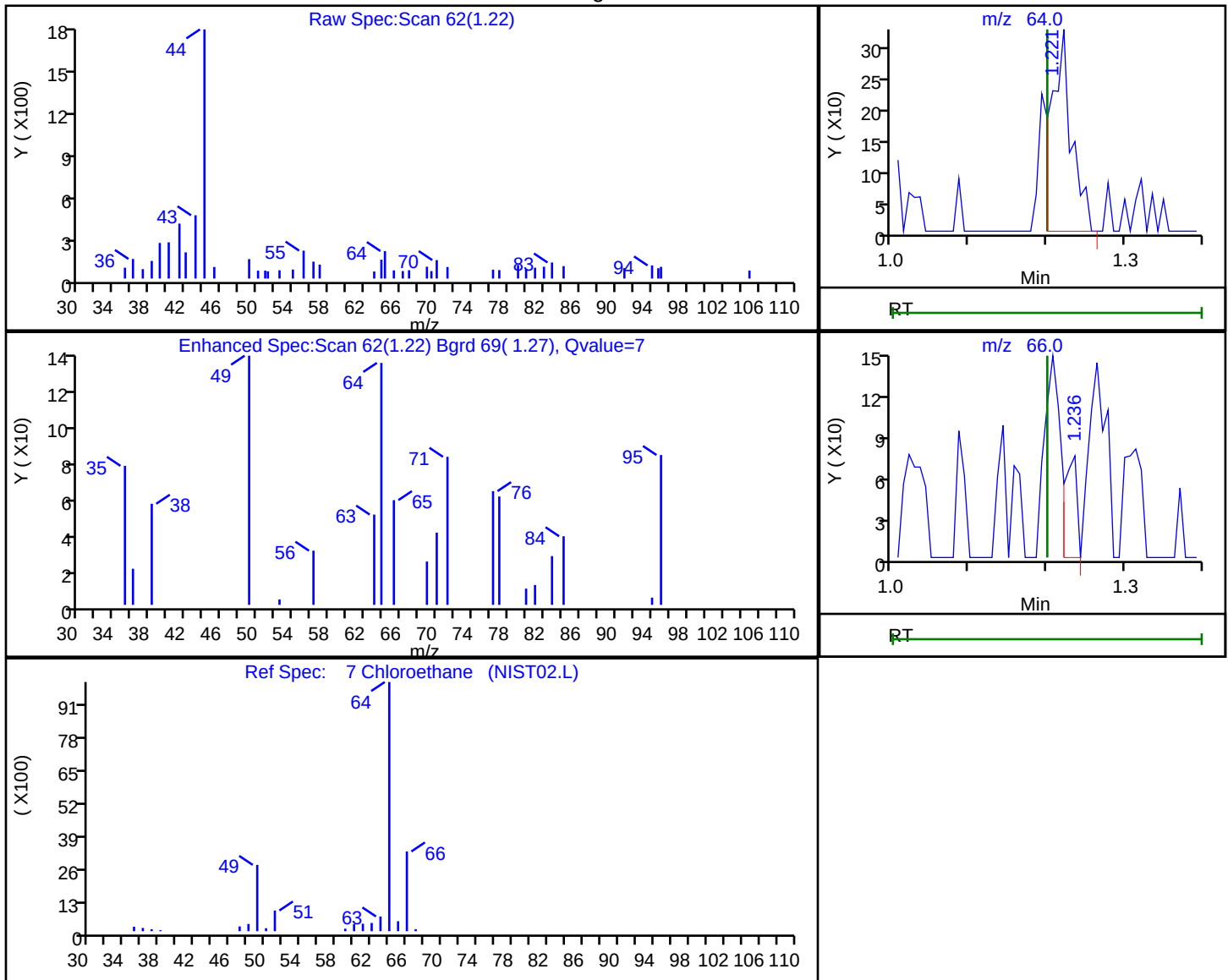
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

7 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.22	64.00	591	0.293641
1.24	66.00	82	

Reviewer: delpolitov, 06-Dec-2018 09:33:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

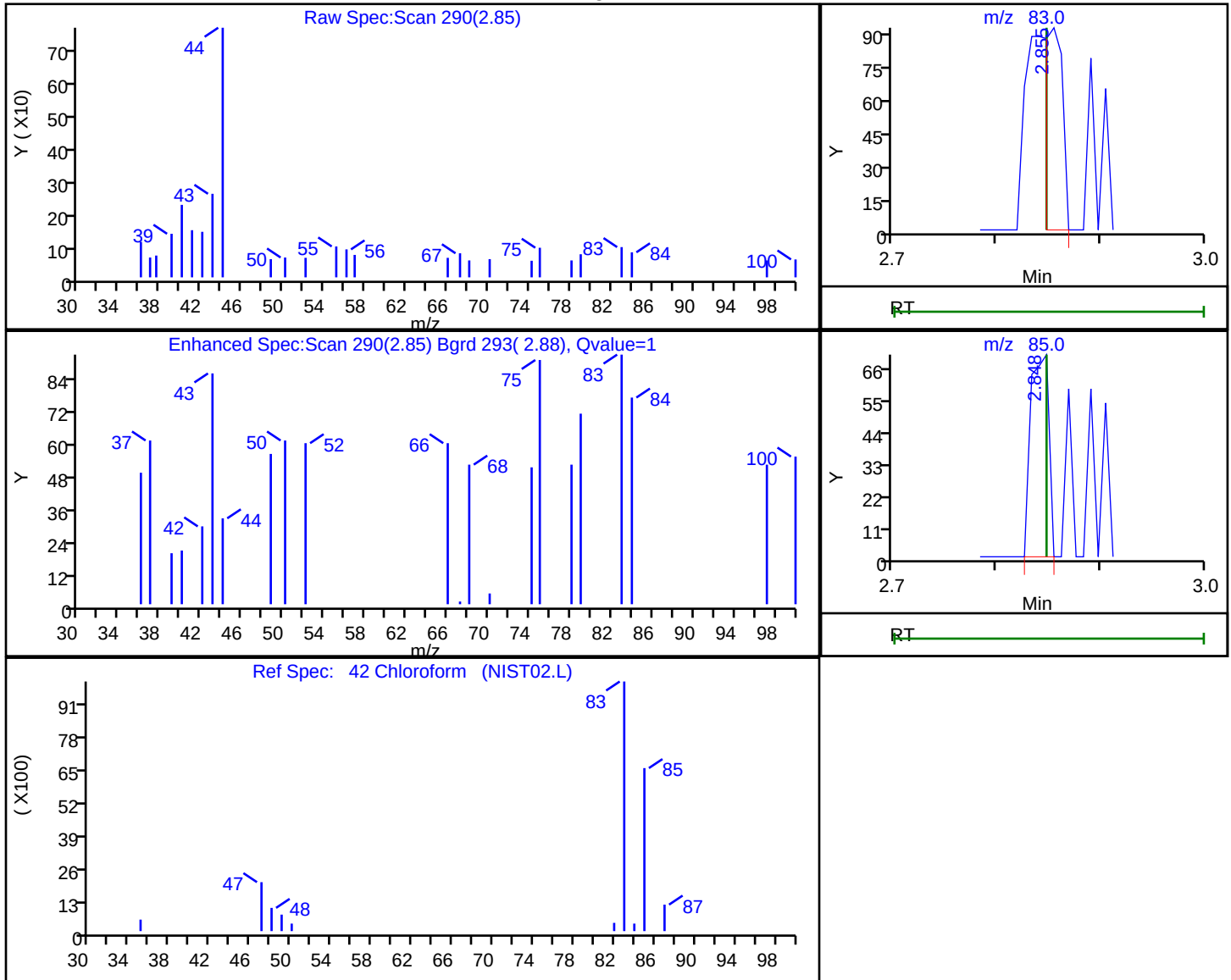
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

42 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
2.85	83.00	113	0.023188
2.85	85.00	87	

Reviewer: delpolitov, 06-Dec-2018 09:33:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

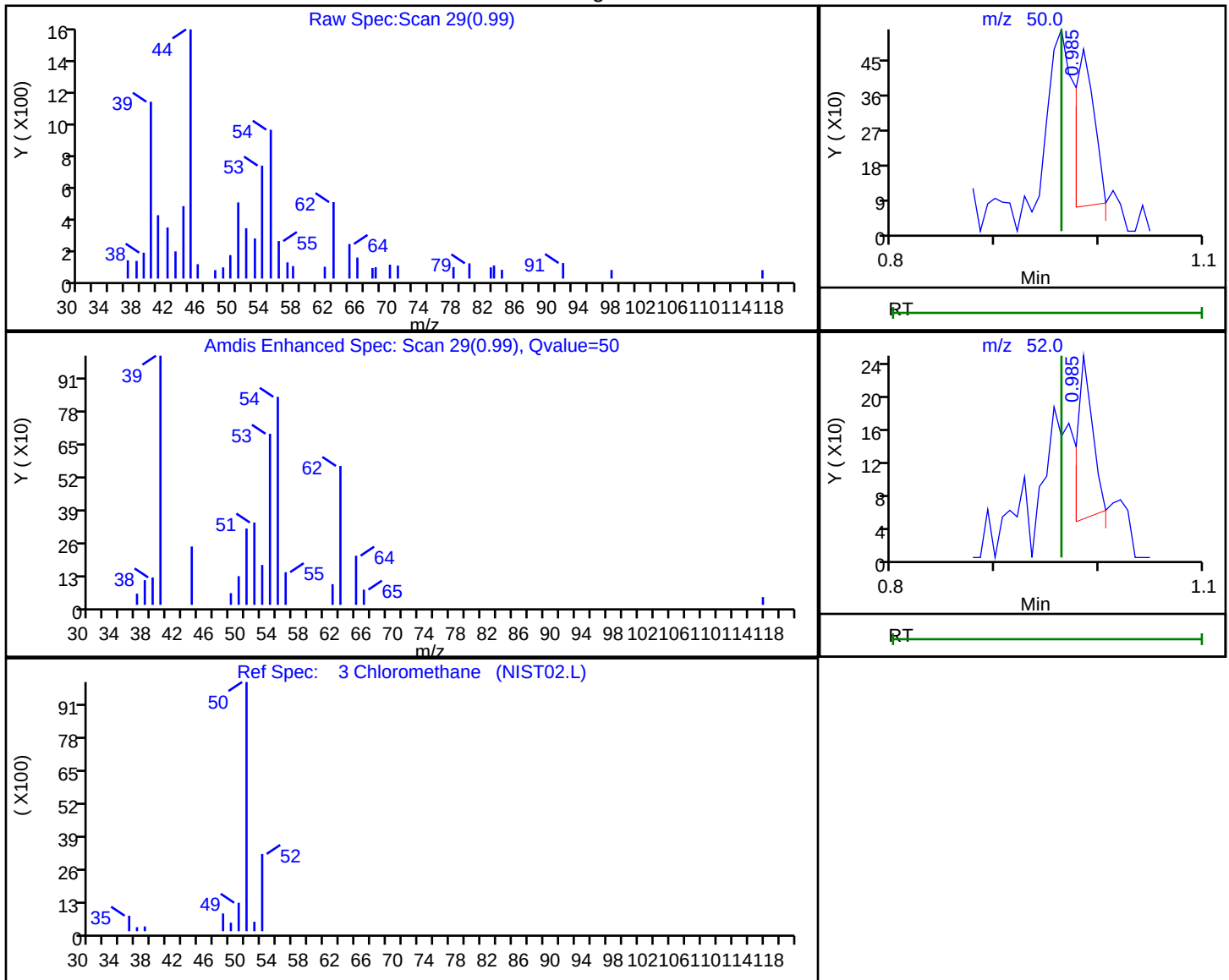
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

3 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.99	50.00	503	0.103370
0.99	52.00	200	

Reviewer: delpolitov, 06-Dec-2018 09:33:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

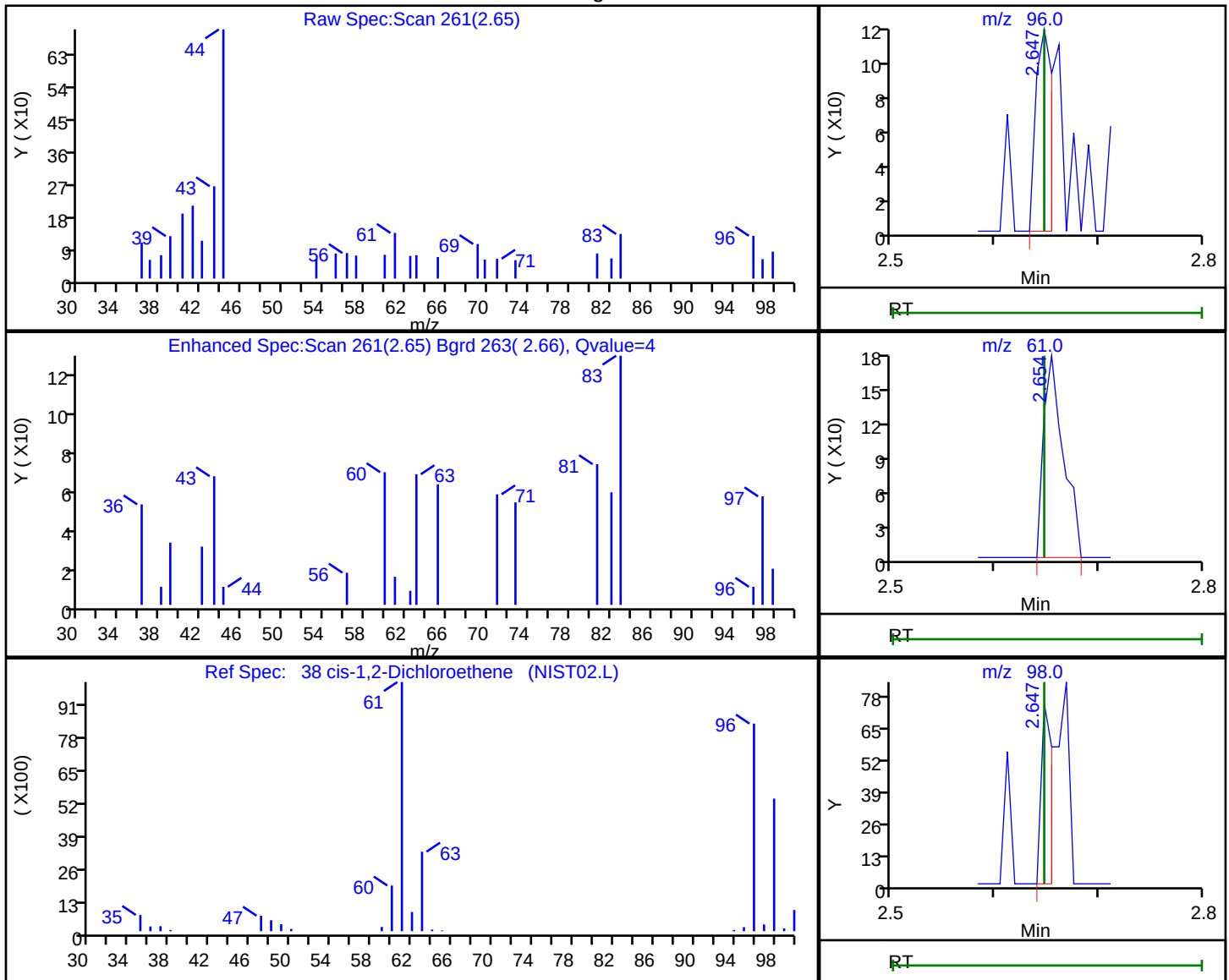
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
2.65	96.00	131	0.041123
2.65	61.00	235	
2.65	98.00	57	

Reviewer: delpolitov, 06-Dec-2018 09:33:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

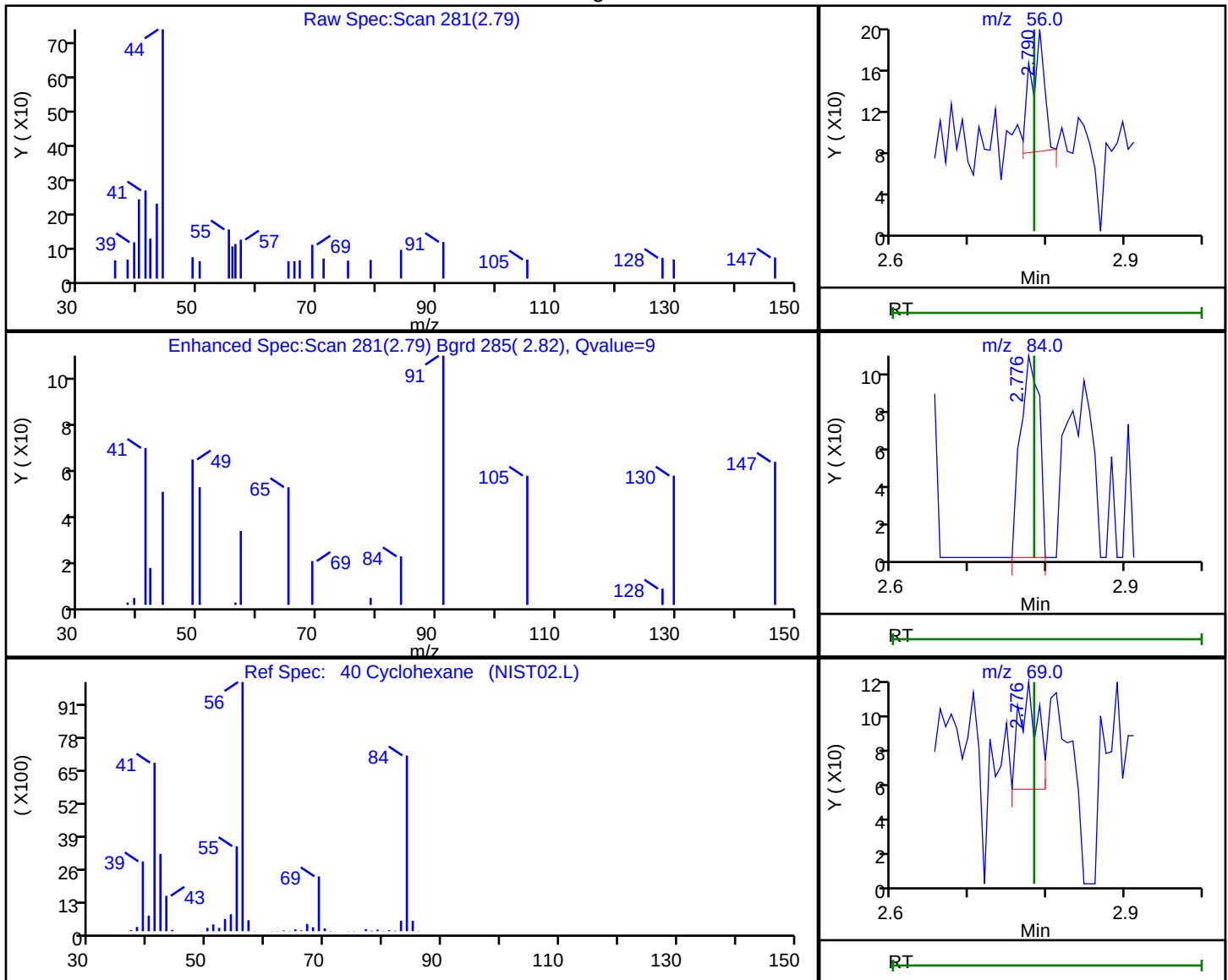
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

40 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
2.79	56.00	142	0.032351
2.78	84.00	178	
2.78	69.00	98	

Reviewer: delpolitov, 06-Dec-2018 09:33:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

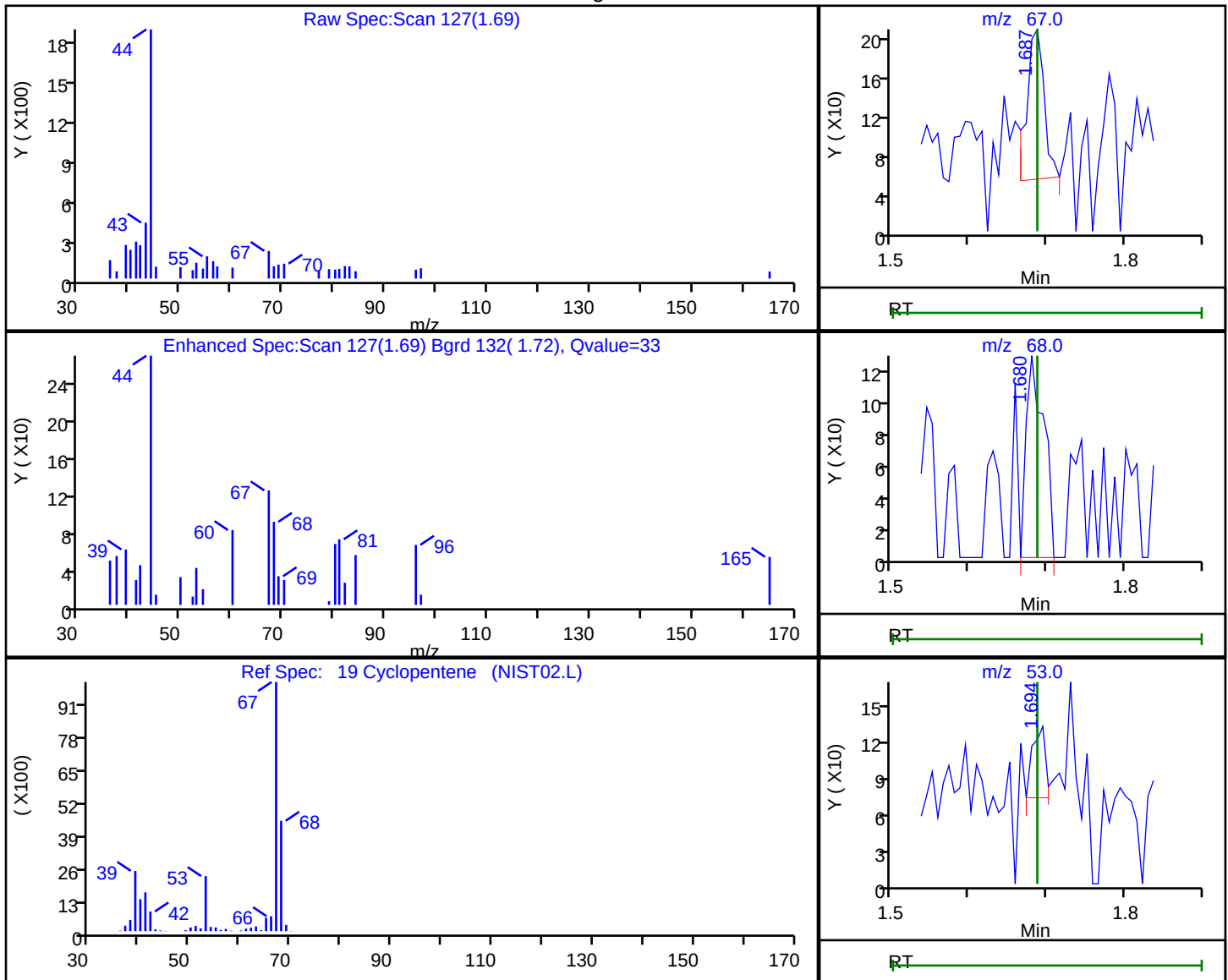
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.69	67.00	235	0.042229
1.68	68.00	198	
1.69	53.00	67	

Reviewer: delpolitov, 06-Dec-2018 09:33:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

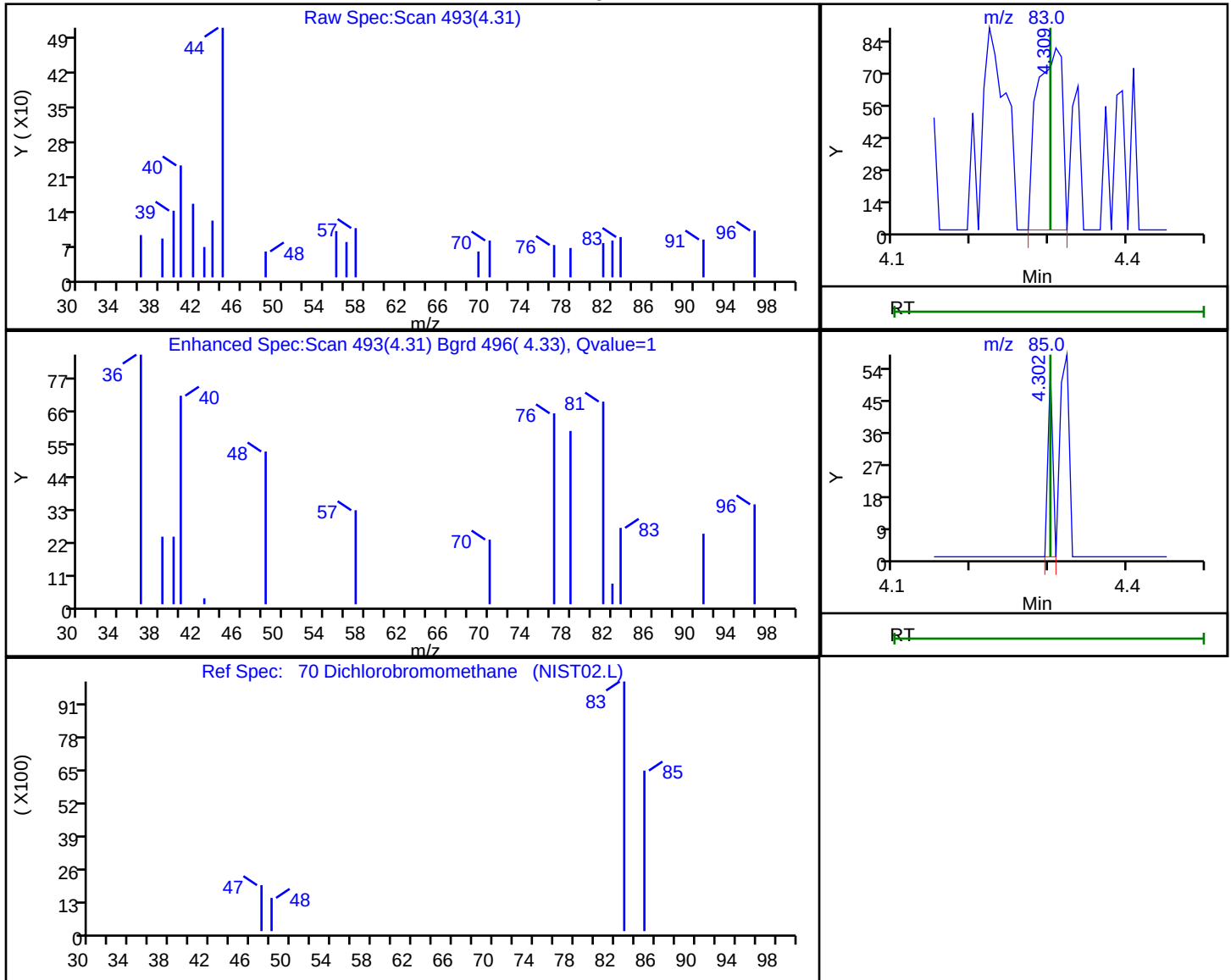
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

70 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
4.31	83.00	183	0.048824
4.30	85.00	23	

Reviewer: delpolitov, 06-Dec-2018 09:34:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

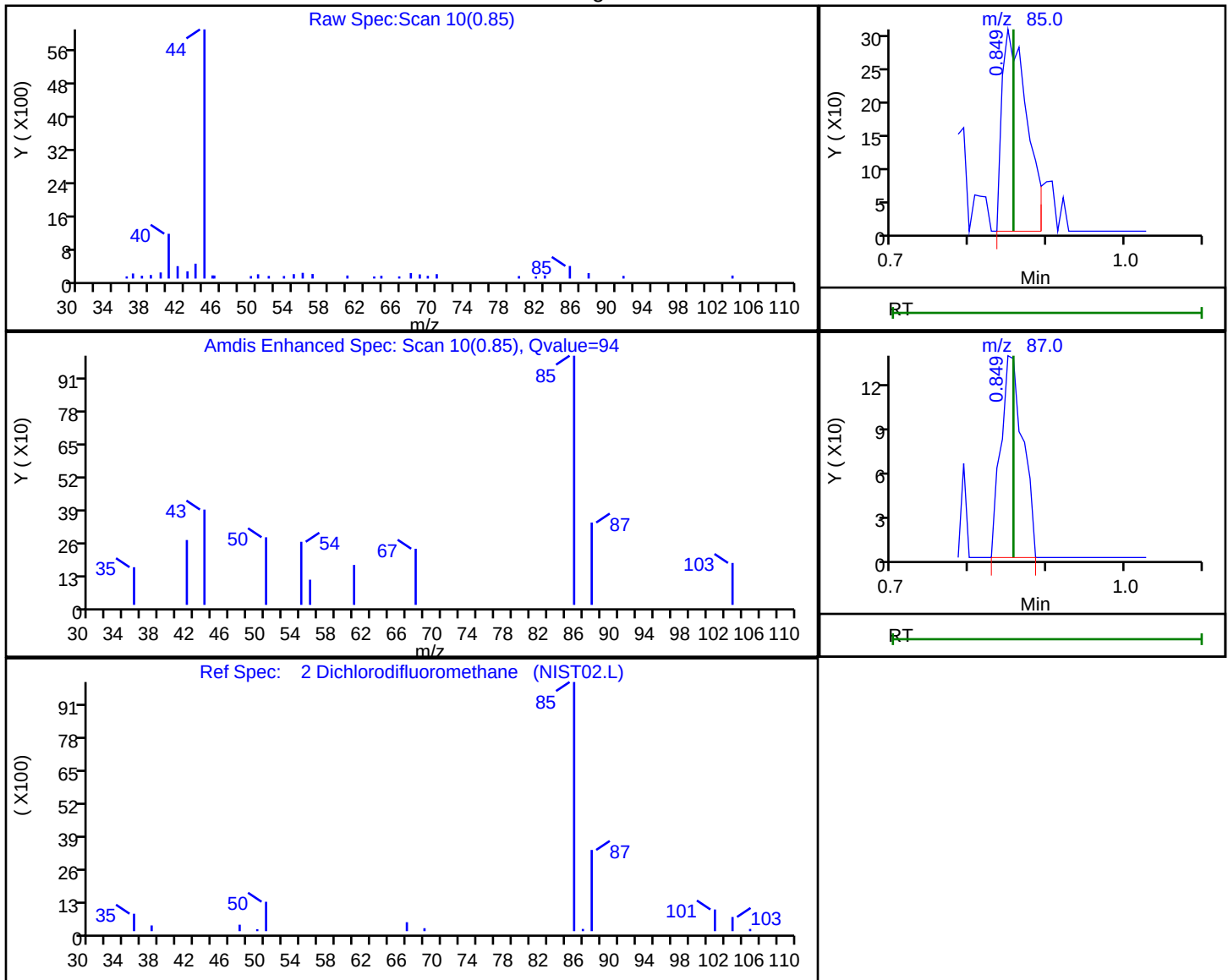
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.85	85.00	682	0.249862
0.85	87.00	263	

Reviewer: delpolitov, 06-Dec-2018 09:33:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

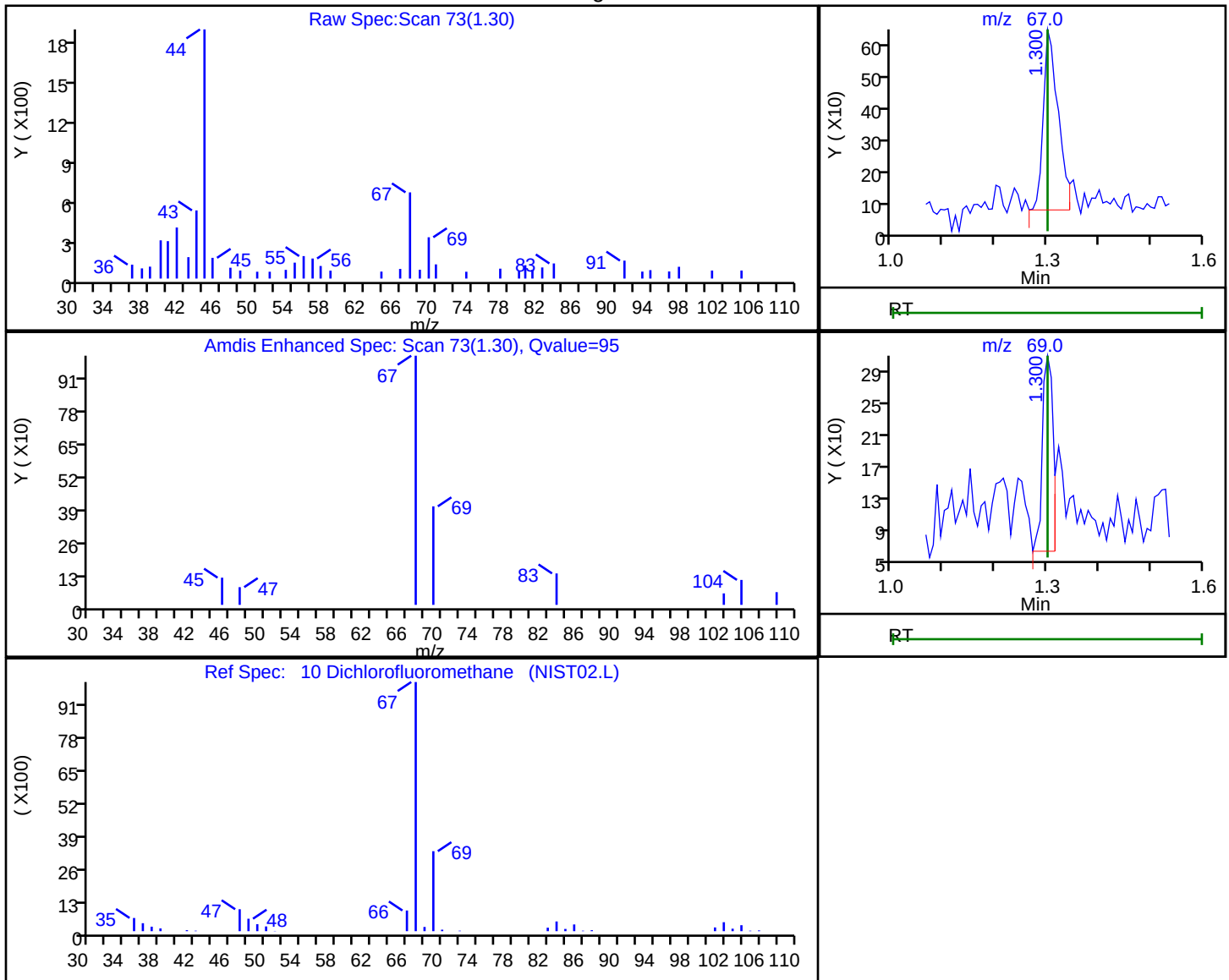
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.30	67.00	1155	0.235820
1.30	69.00	361	

Reviewer: delpolitov, 06-Dec-2018 09:33:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

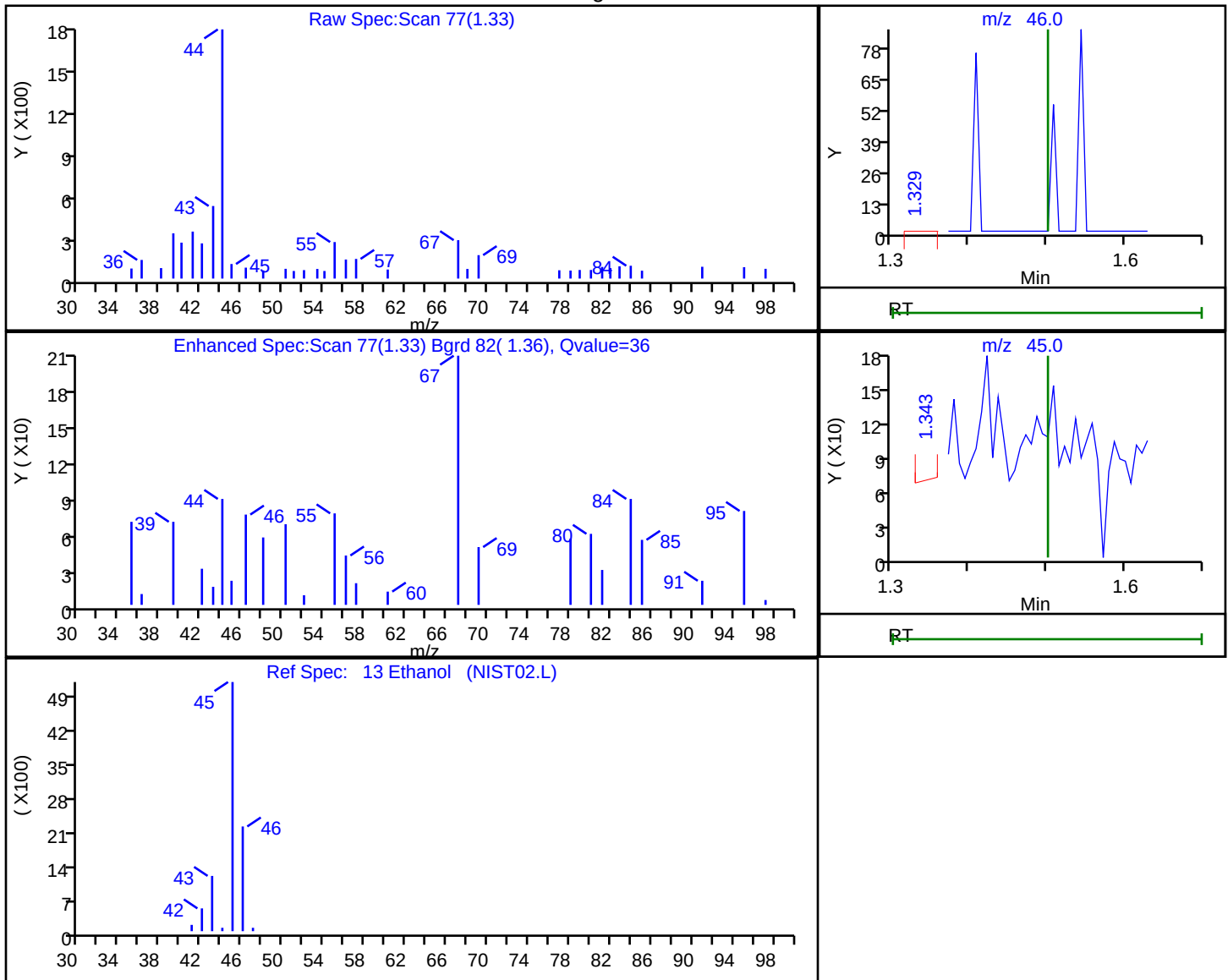
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

13 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.33	46.00	56	3.996811
1.34	45.00	39	

Reviewer: delpolitov, 06-Dec-2018 09:33:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

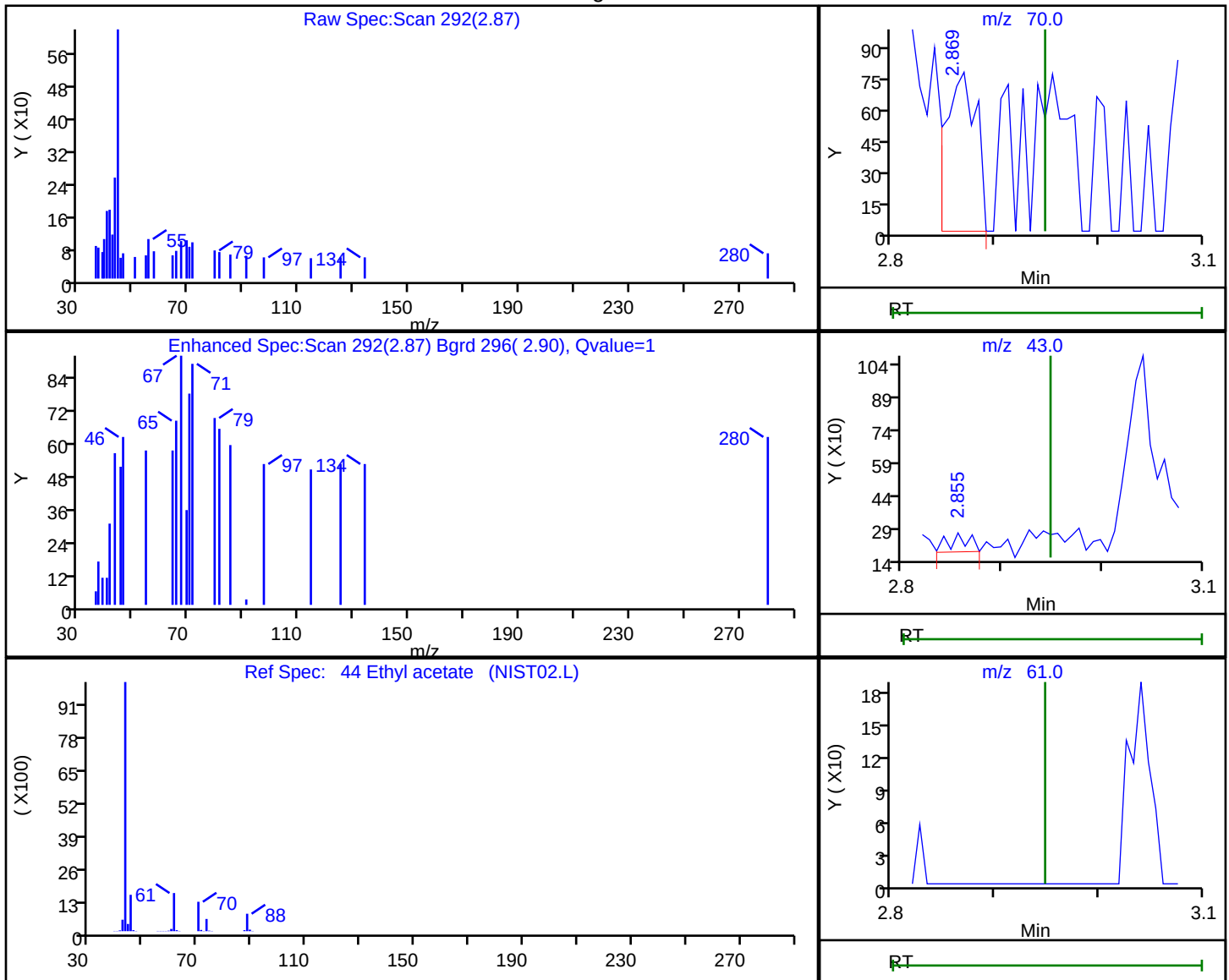
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

44 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.87	70.00	160	0.479158
2.85	43.00	122	
2.95	61.00	0	

Reviewer: delpolitov, 06-Dec-2018 09:33:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

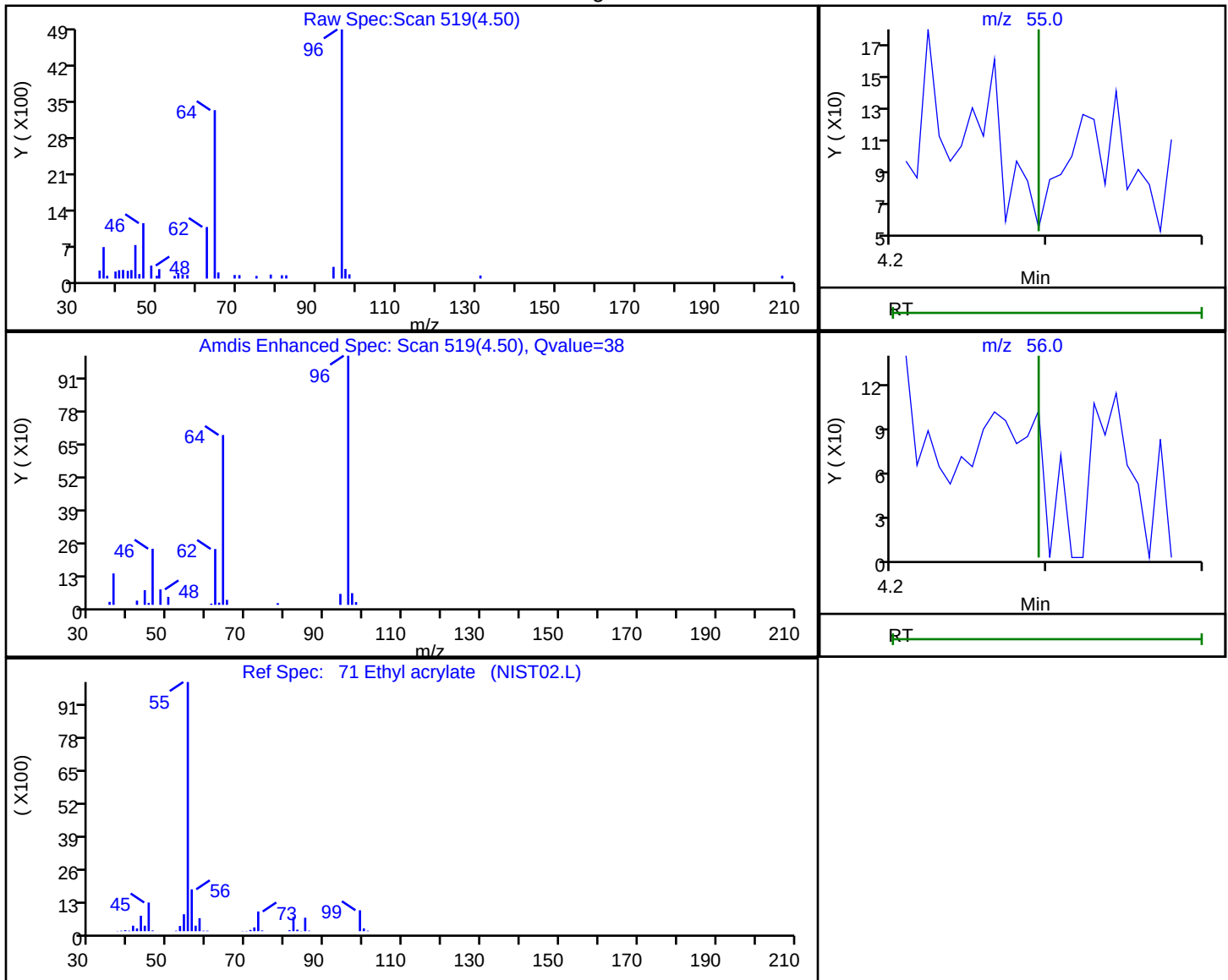
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

71 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.50	55.00	56	0.447816
4.50	56.00	69	

Reviewer: delpolitov, 06-Dec-2018 09:34:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

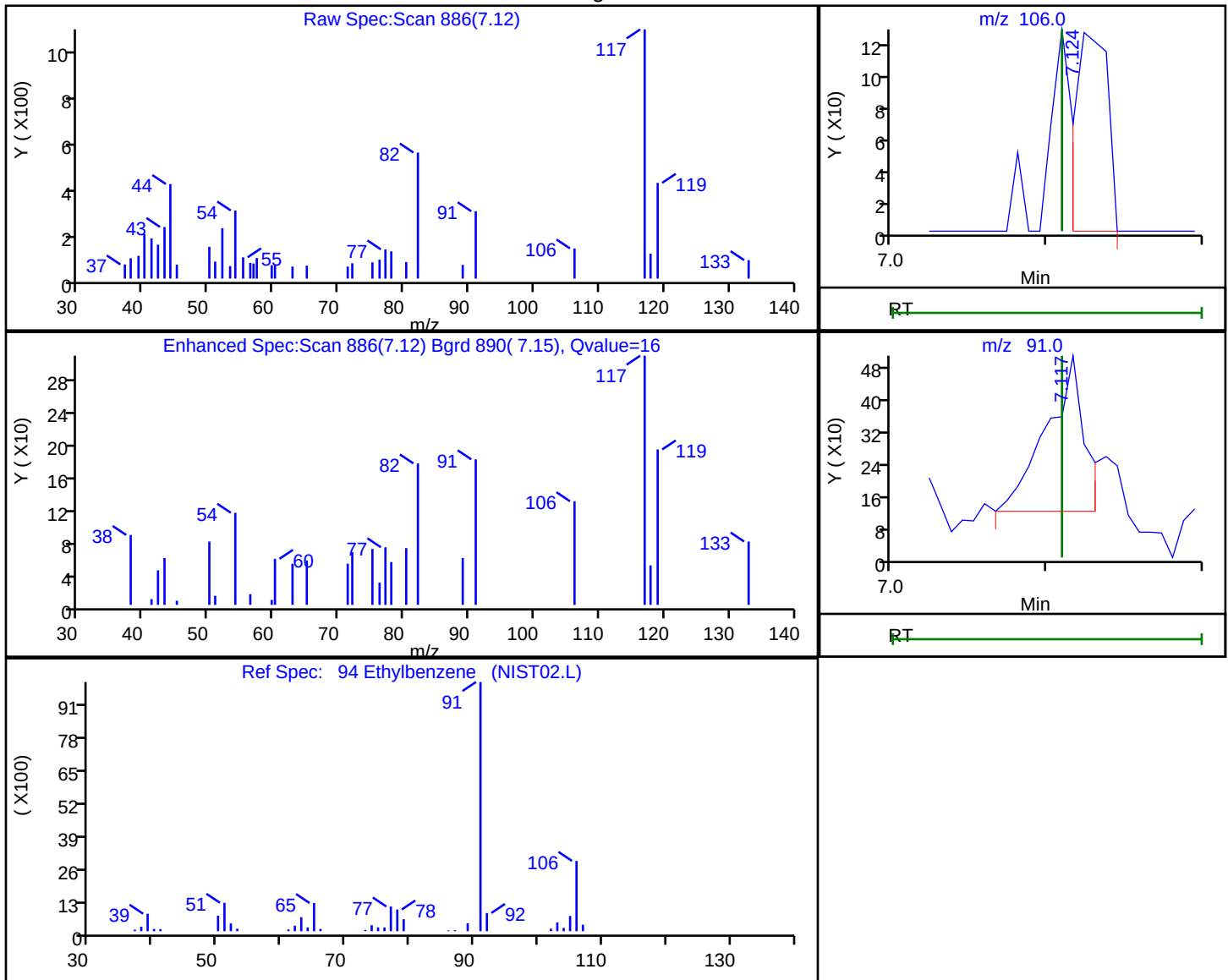
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.12	106.00	184	0.038909
7.12	91.00	656	

Reviewer: delpolitov, 06-Dec-2018 09:34:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

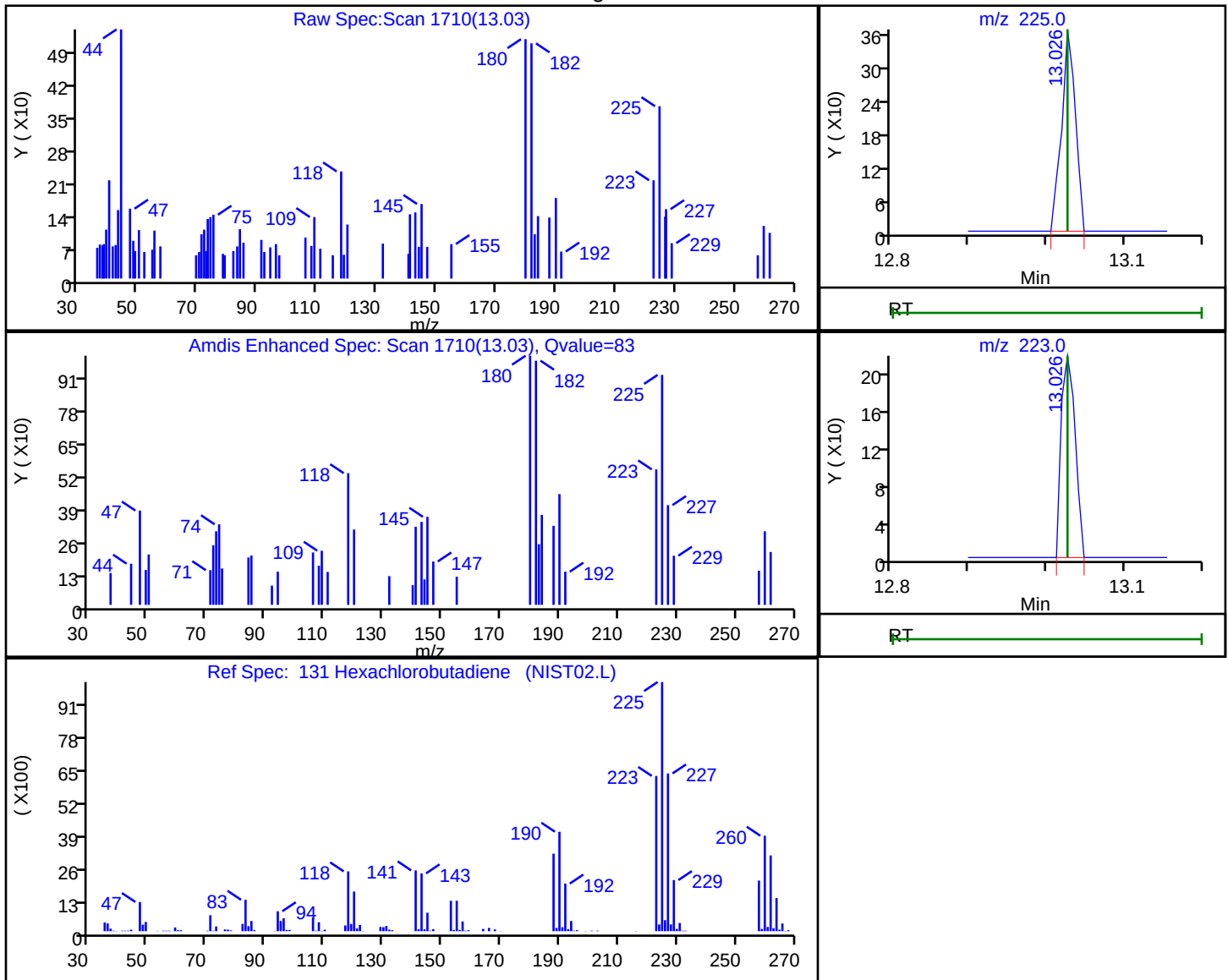
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

131 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
13.03	225.00	458	0.211944
13.03	223.00	264	

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

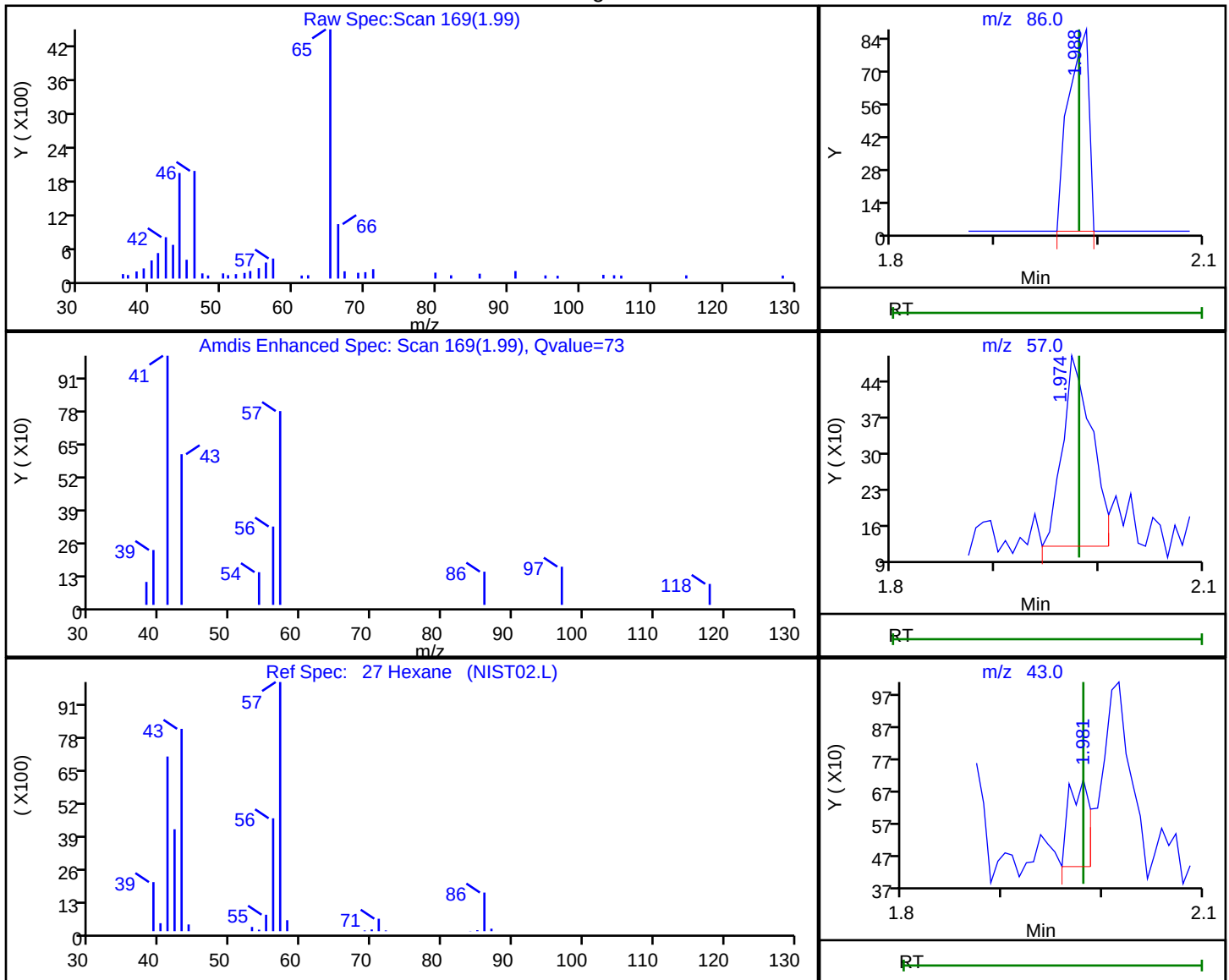
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
1.99	86.00	120	0.167865
1.97	57.00	735	
1.98	43.00	389	
1.99	56.00	146	

Reviewer: delpolitov, 06-Dec-2018 09:33:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

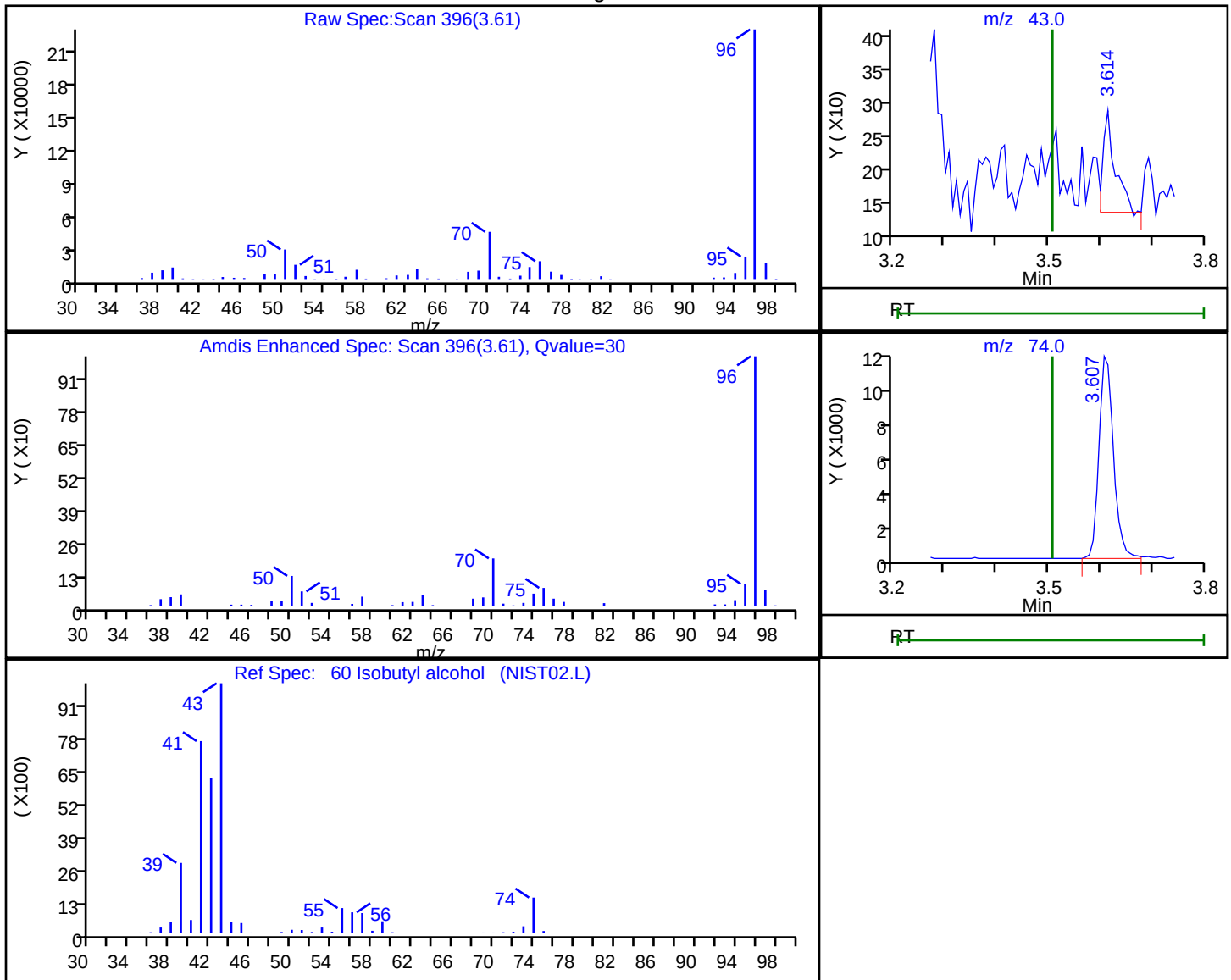
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.61	43.00	245	2.240266
3.61	74.00	21899	

Reviewer: delpolitov, 06-Dec-2018 09:34:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

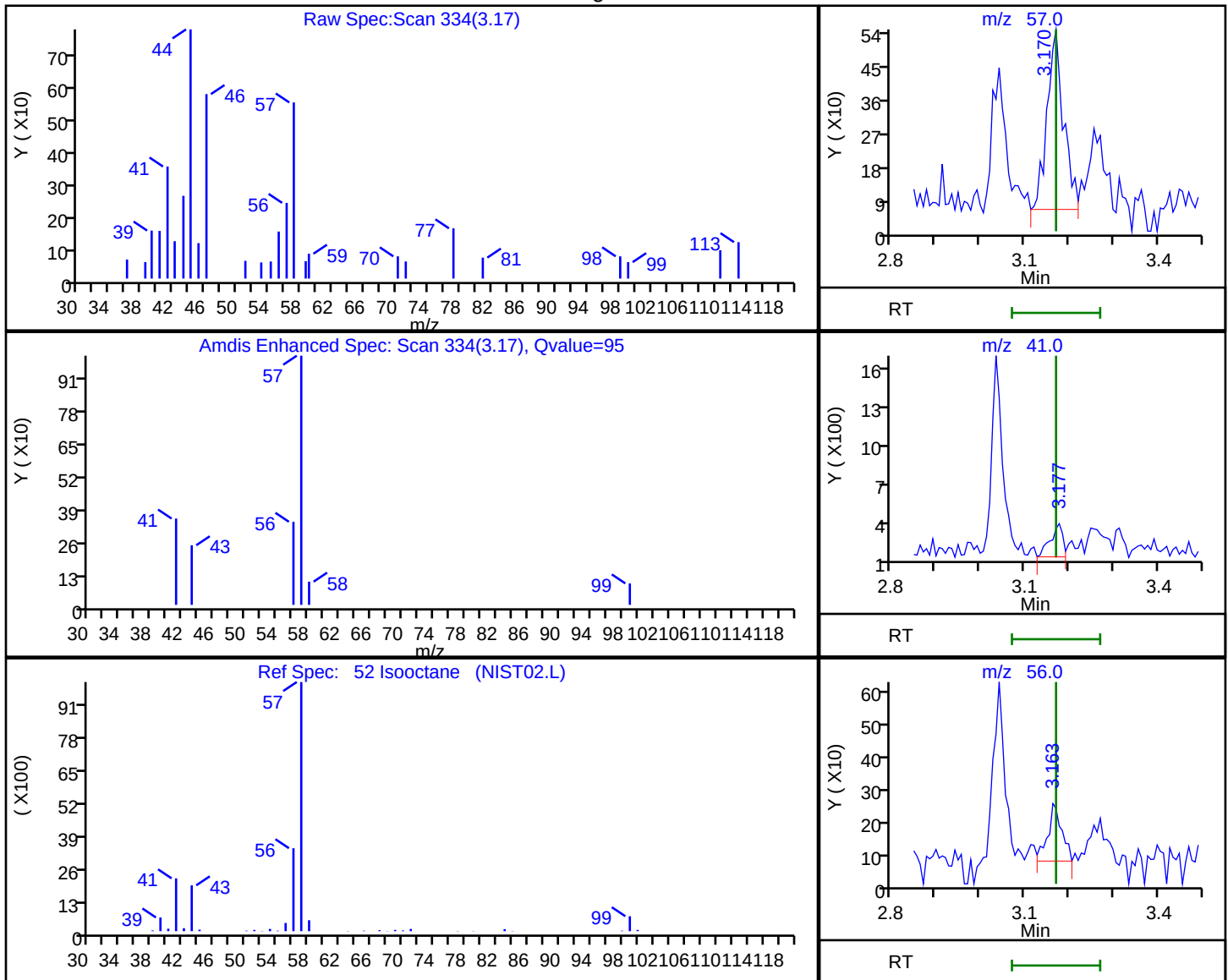
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

52 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.17	57.00	1257	0.146152
3.18	41.00	496	
3.16	56.00	394	

Reviewer: delpolitov, 06-Dec-2018 09:34:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

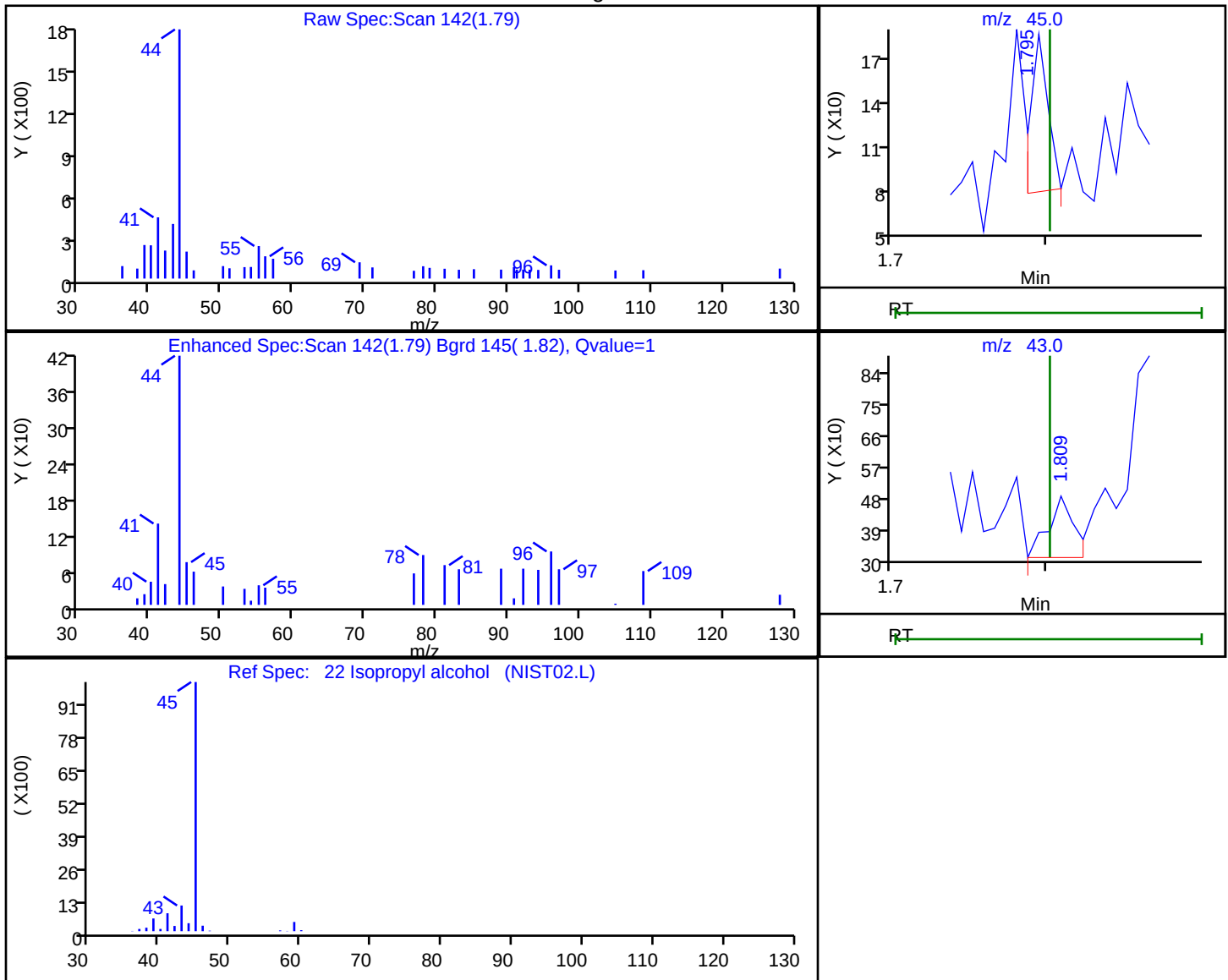
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.79	45.00	78	0.462908
1.81	43.00	207	

Reviewer: delpolitov, 06-Dec-2018 09:33:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

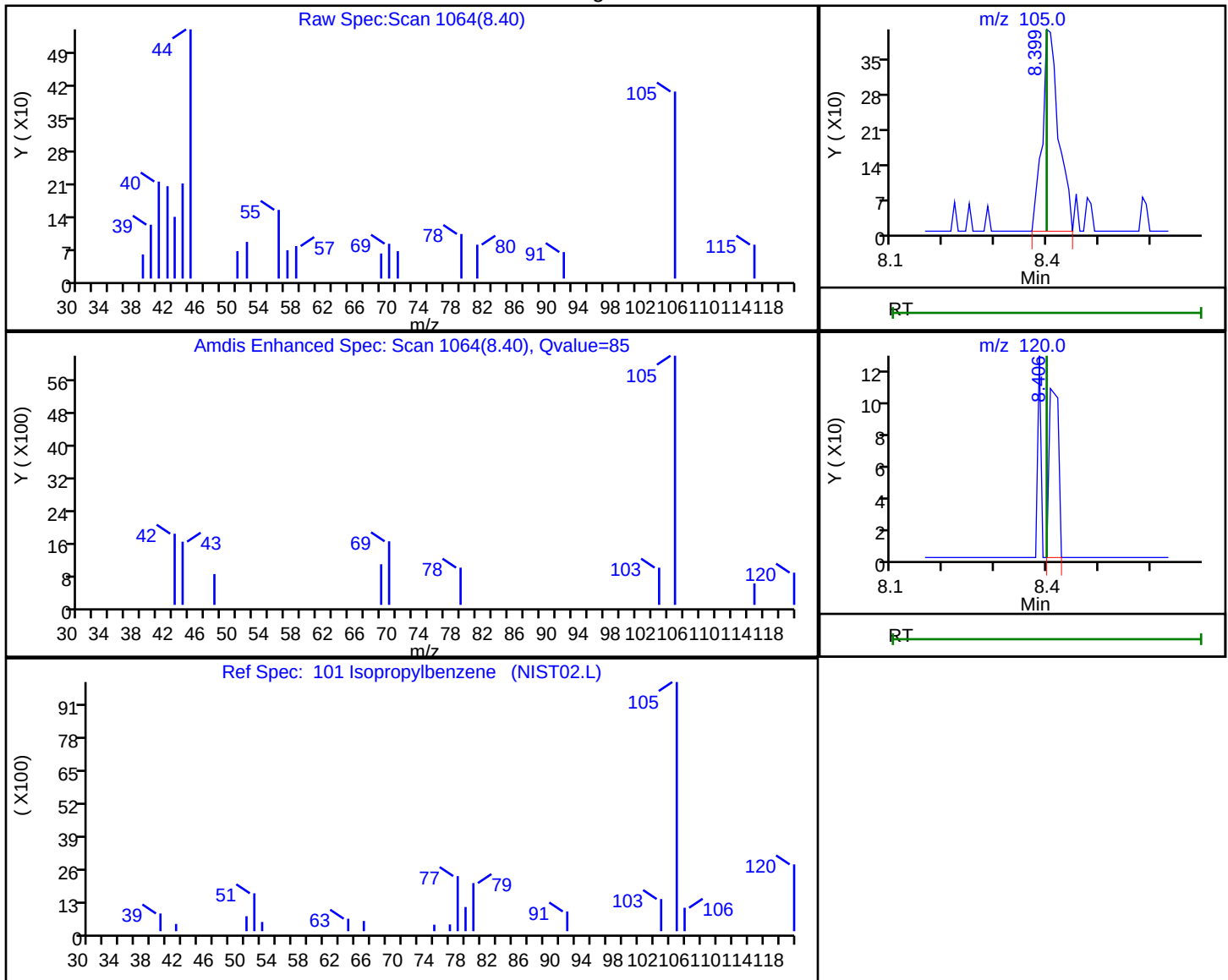
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

101 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
8.40	105.00	889	0.061715
8.41	120.00	135	

Reviewer: delpolitov, 06-Dec-2018 09:34:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

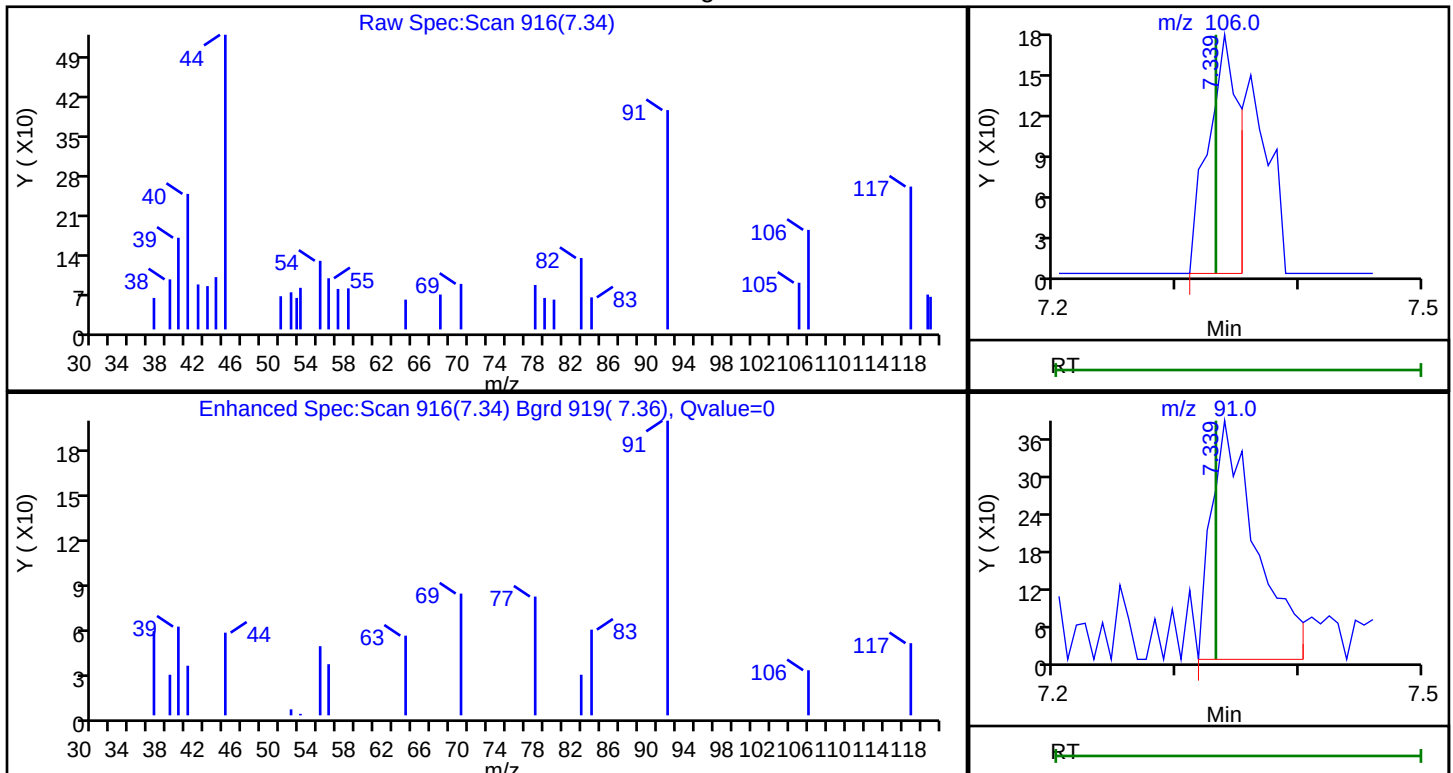
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
7.34	106.00	311	0.054236
7.34	91.00	1005	

Reviewer: delpolitov, 06-Dec-2018 09:34:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

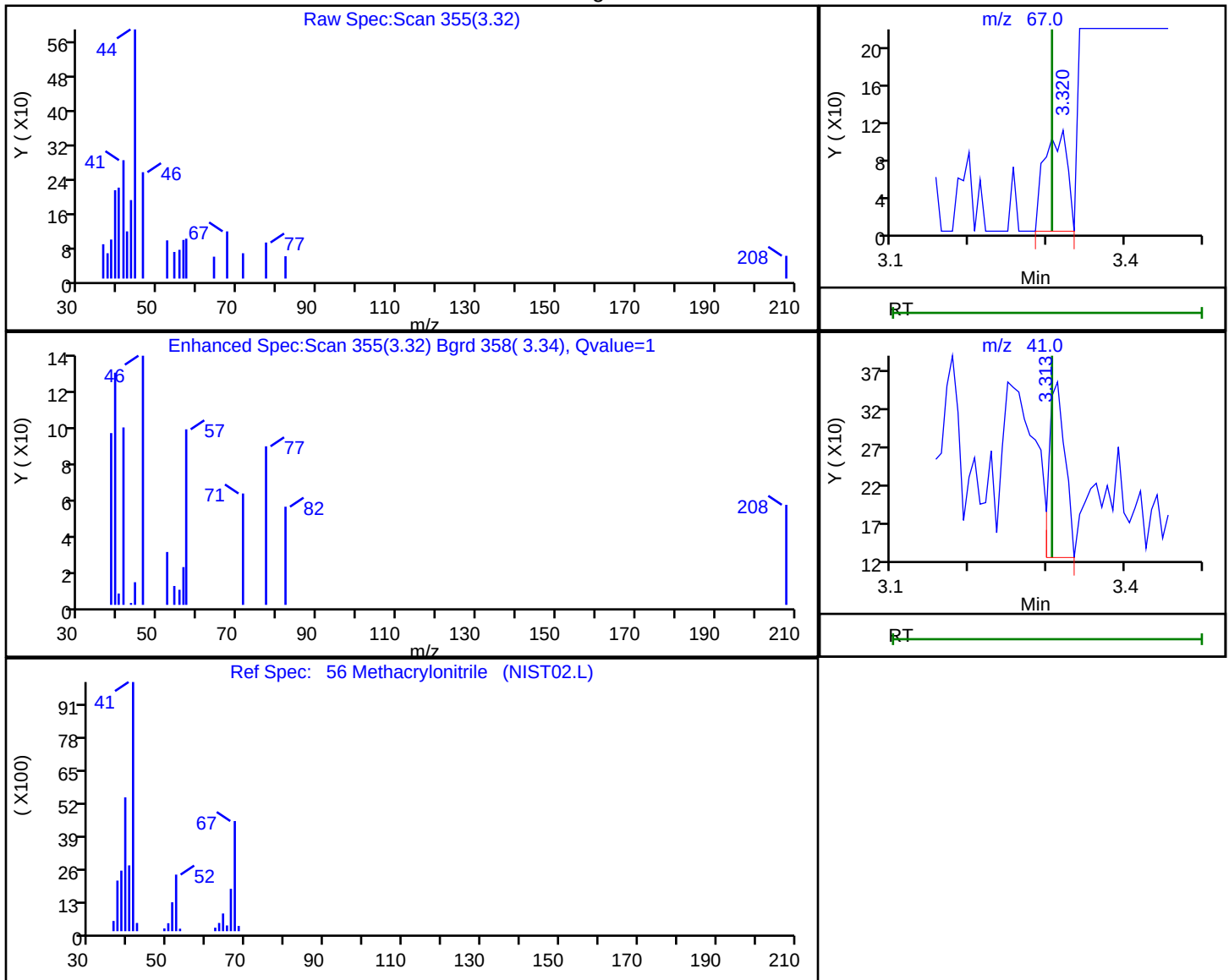
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

56 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.32	67.00	223	0.215538
3.31	41.00	320	

Reviewer: delpolitov, 06-Dec-2018 09:34:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

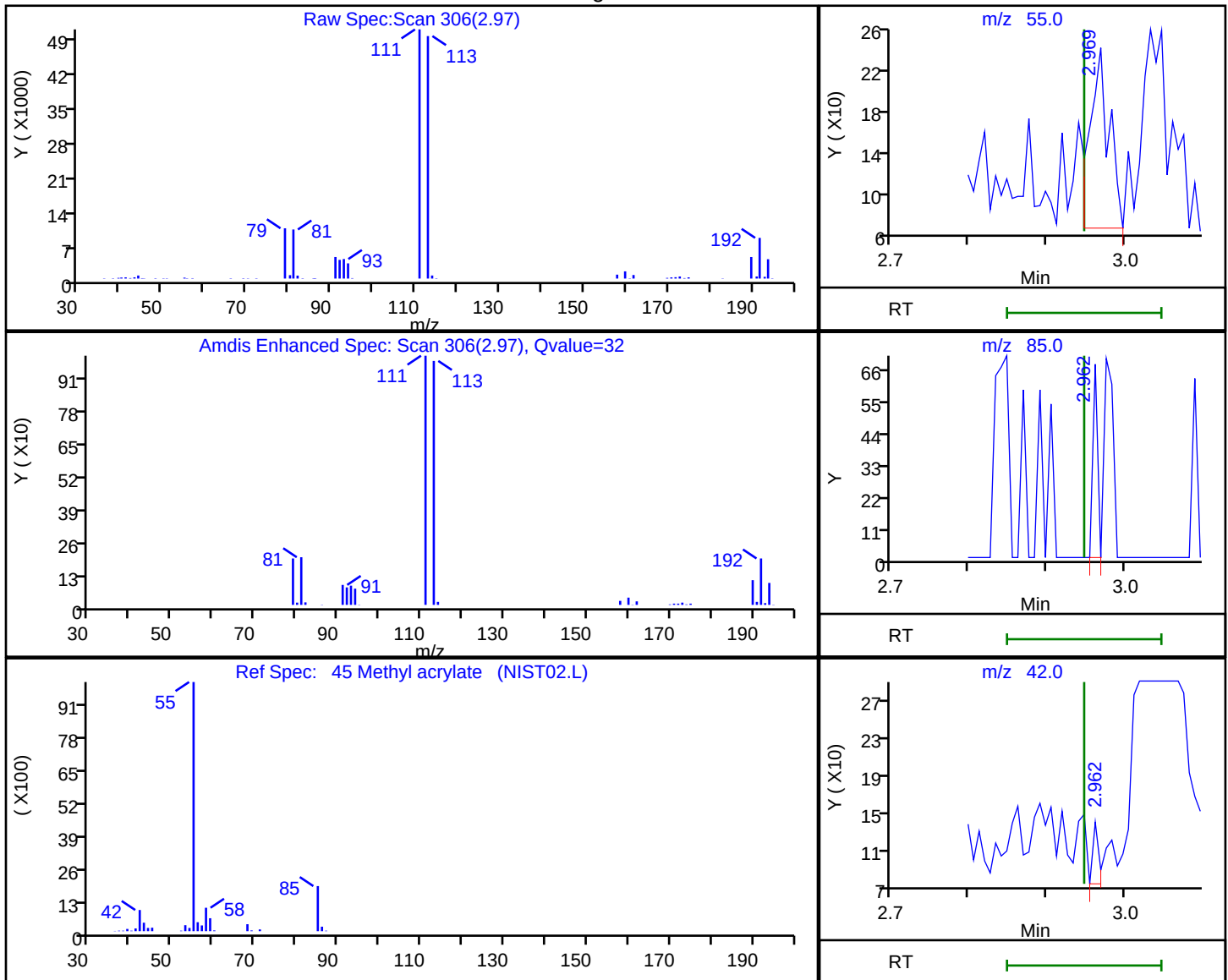
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

45 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.97	55.00	301	0.128971
2.96	85.00	29	
2.96	42.00	33	

Reviewer: delpolitov, 06-Dec-2018 09:33:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

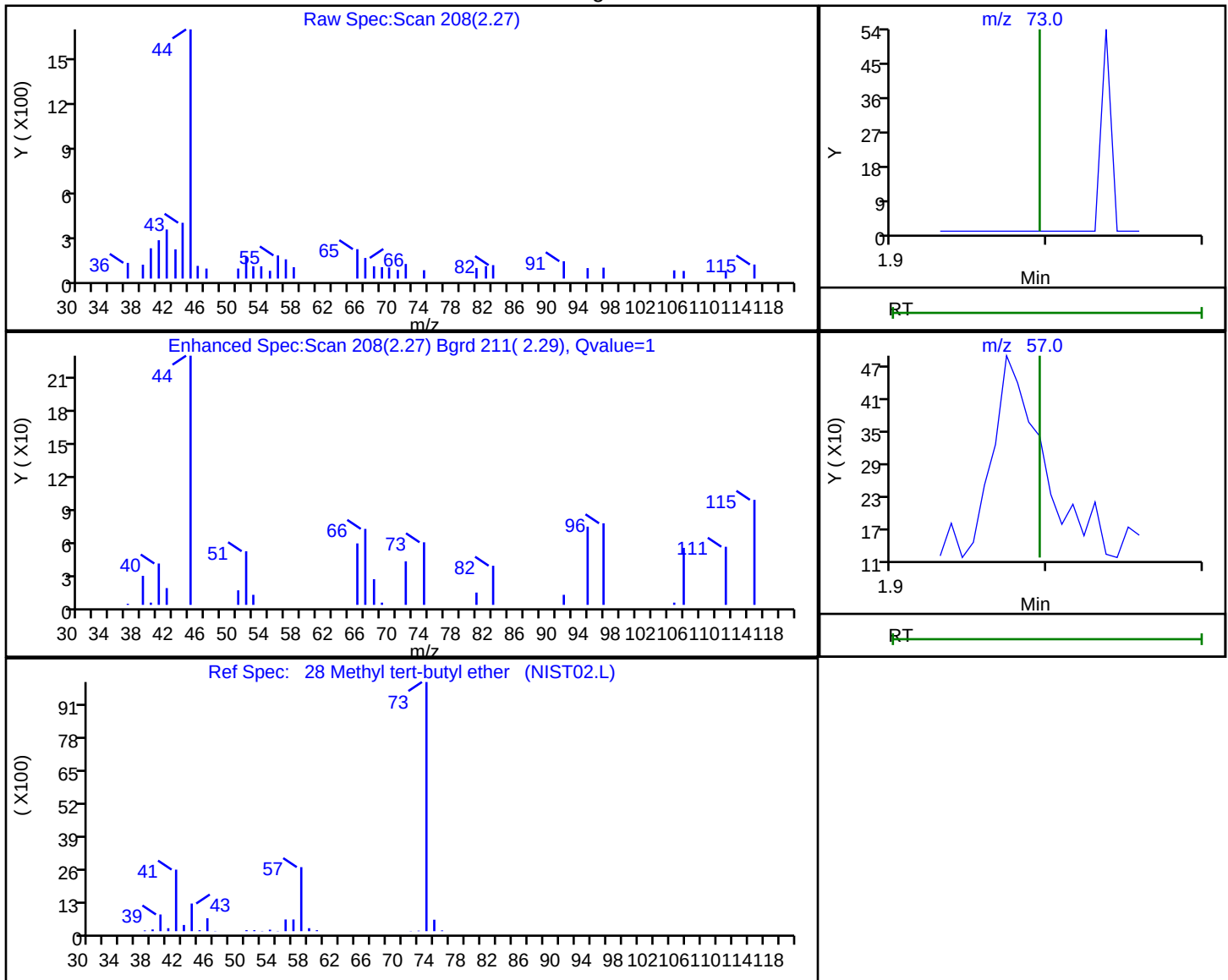
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.27	73.00	46	0.005709
2.28	57.00	76	

Reviewer: delpolitov, 06-Dec-2018 09:33:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

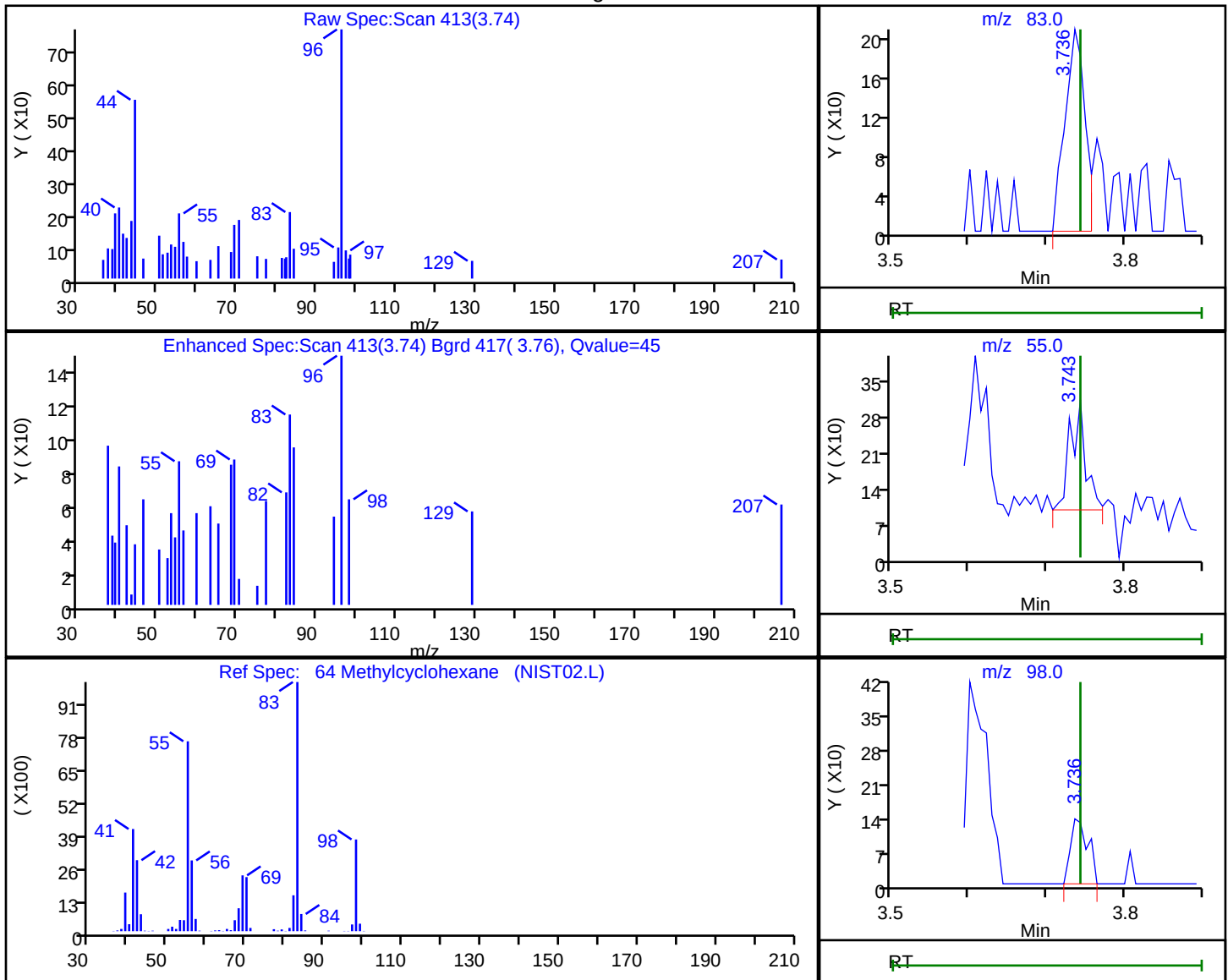
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
3.74	83.00	367	0.085444
3.74	55.00	297	
3.74	98.00	209	

Reviewer: delpolitov, 06-Dec-2018 09:34:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

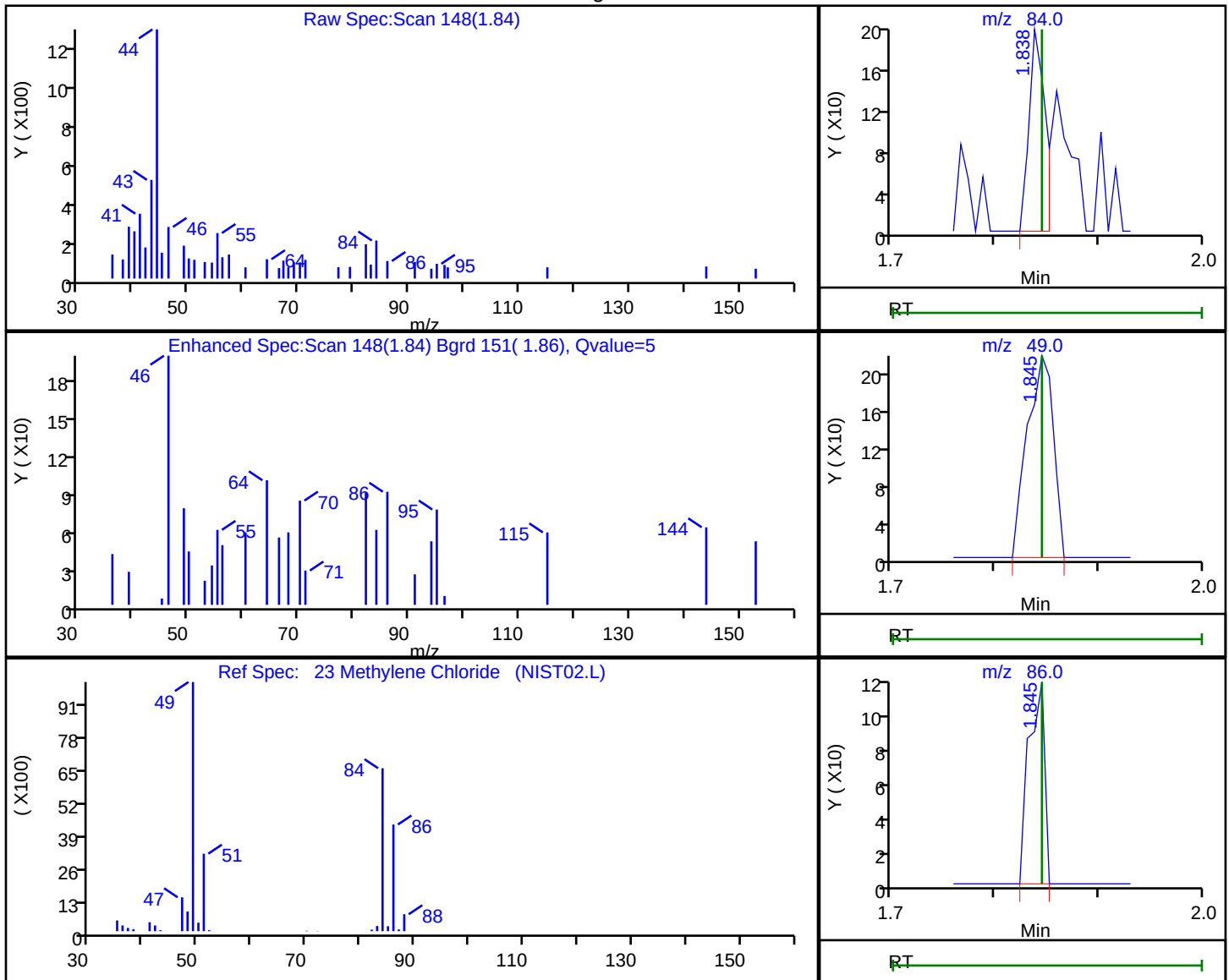
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

23 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.84	84.00	212	0.072958
1.84	49.00	386	
1.84	86.00	125	

Reviewer: delpolitov, 06-Dec-2018 09:33:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

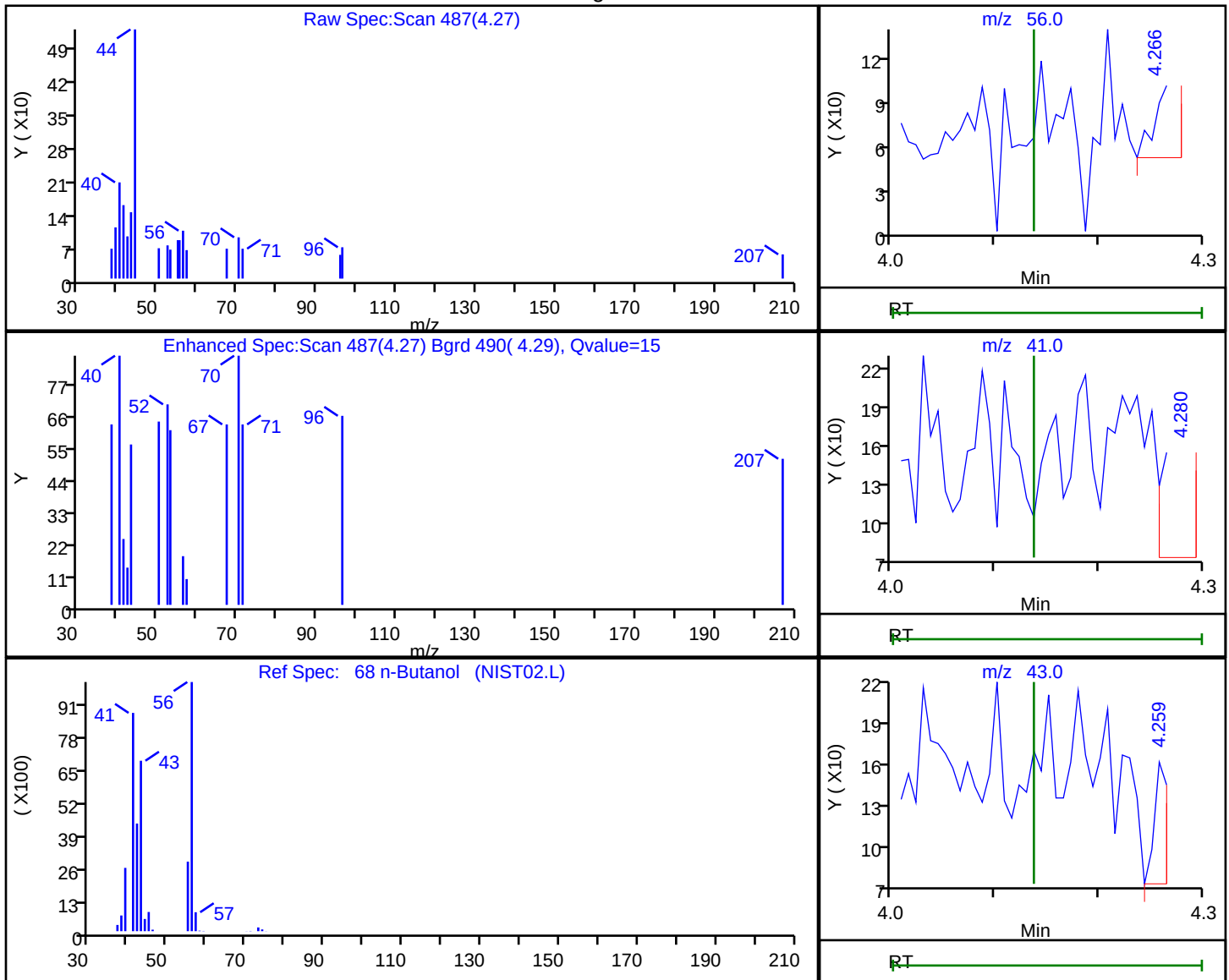
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.27	56.00	82	9.494455
4.28	41.00	144	
4.26	43.00	76	

Reviewer: delpolitov, 06-Dec-2018 09:34:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

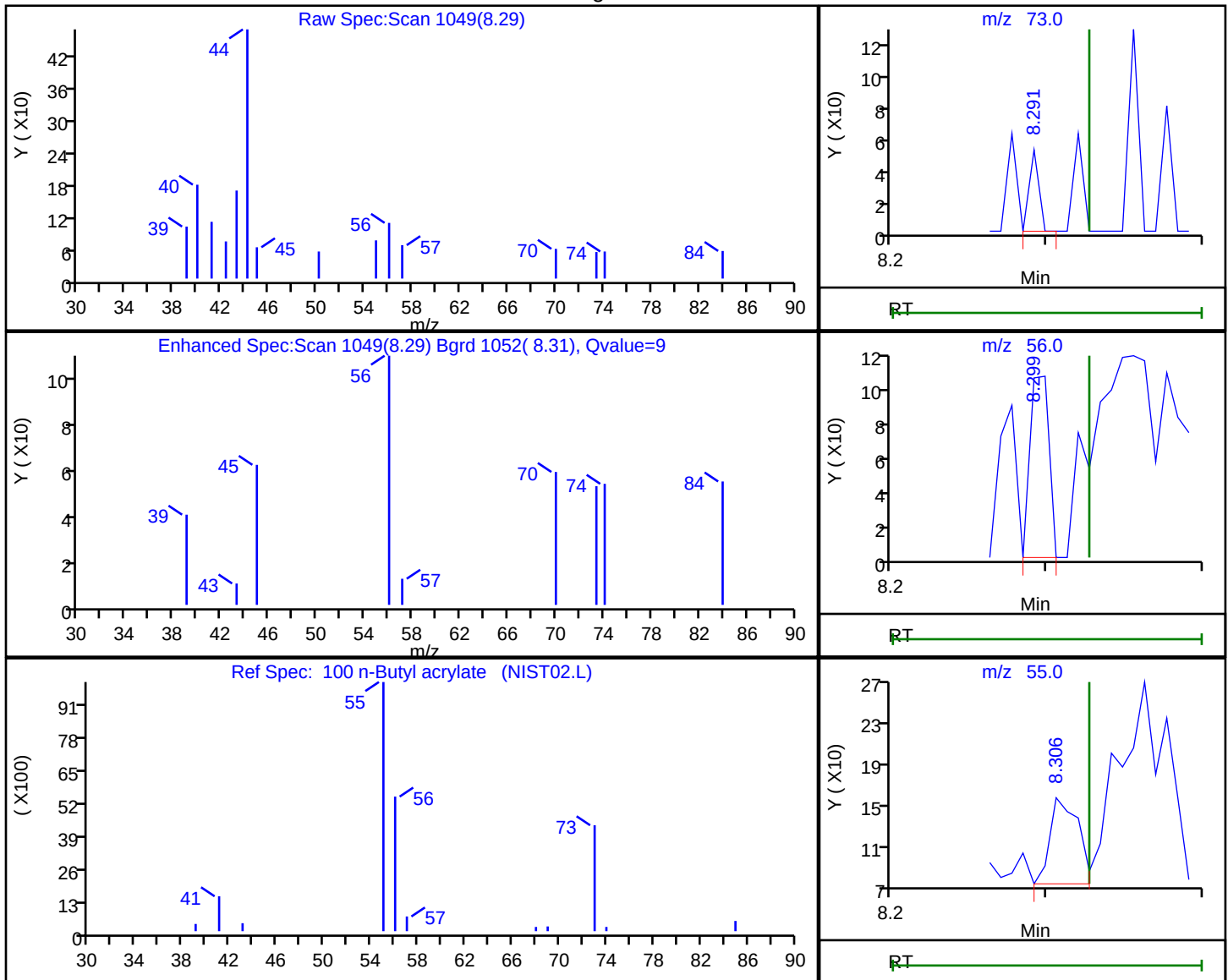
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.29	73.00	21	0.009775
8.30	56.00	91	
8.31	55.00	103	

Reviewer: delpolitov, 06-Dec-2018 09:34:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

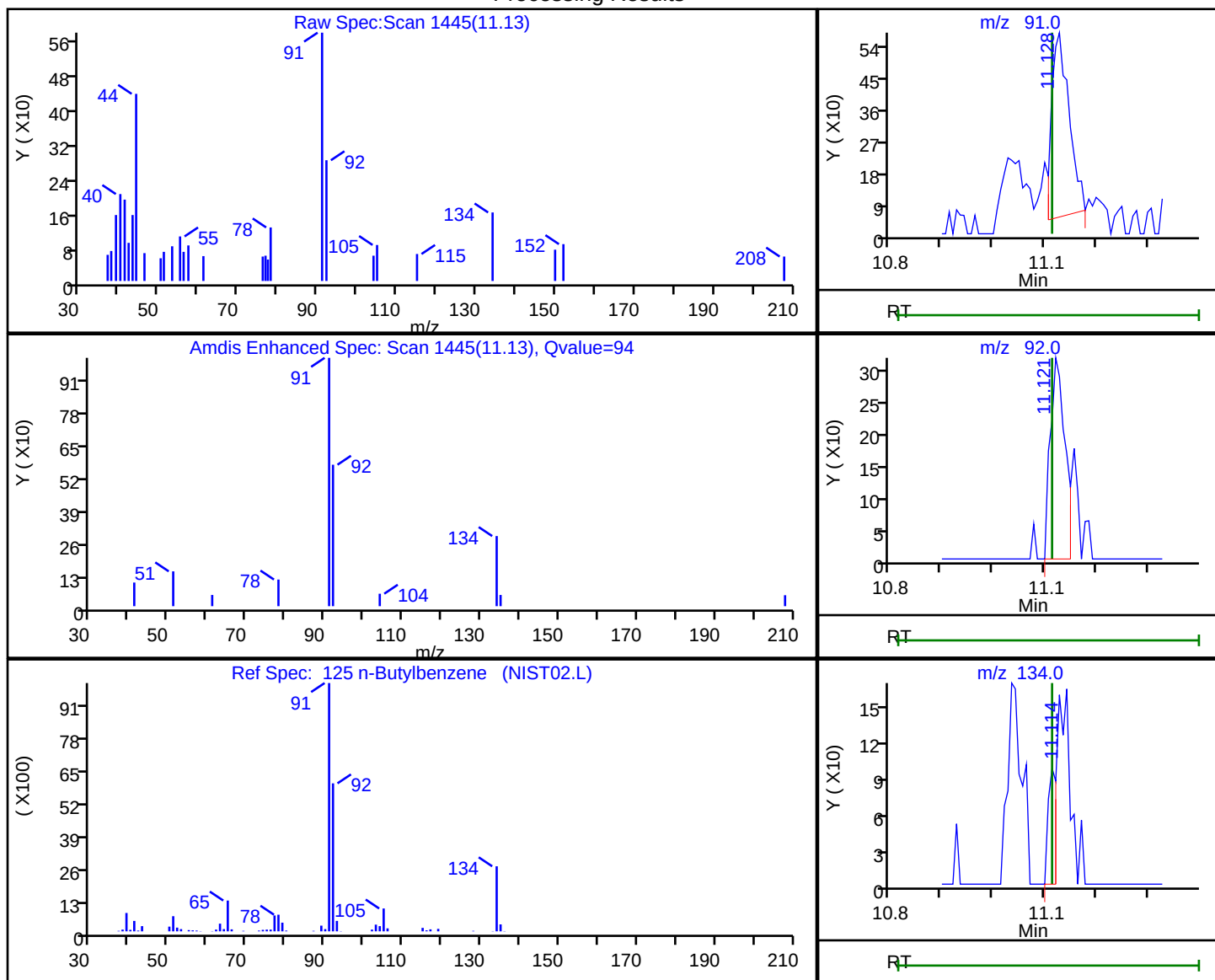
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.13	91.00	1254	0.111789
11.12	92.00	623	
11.11	134.00	111	

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

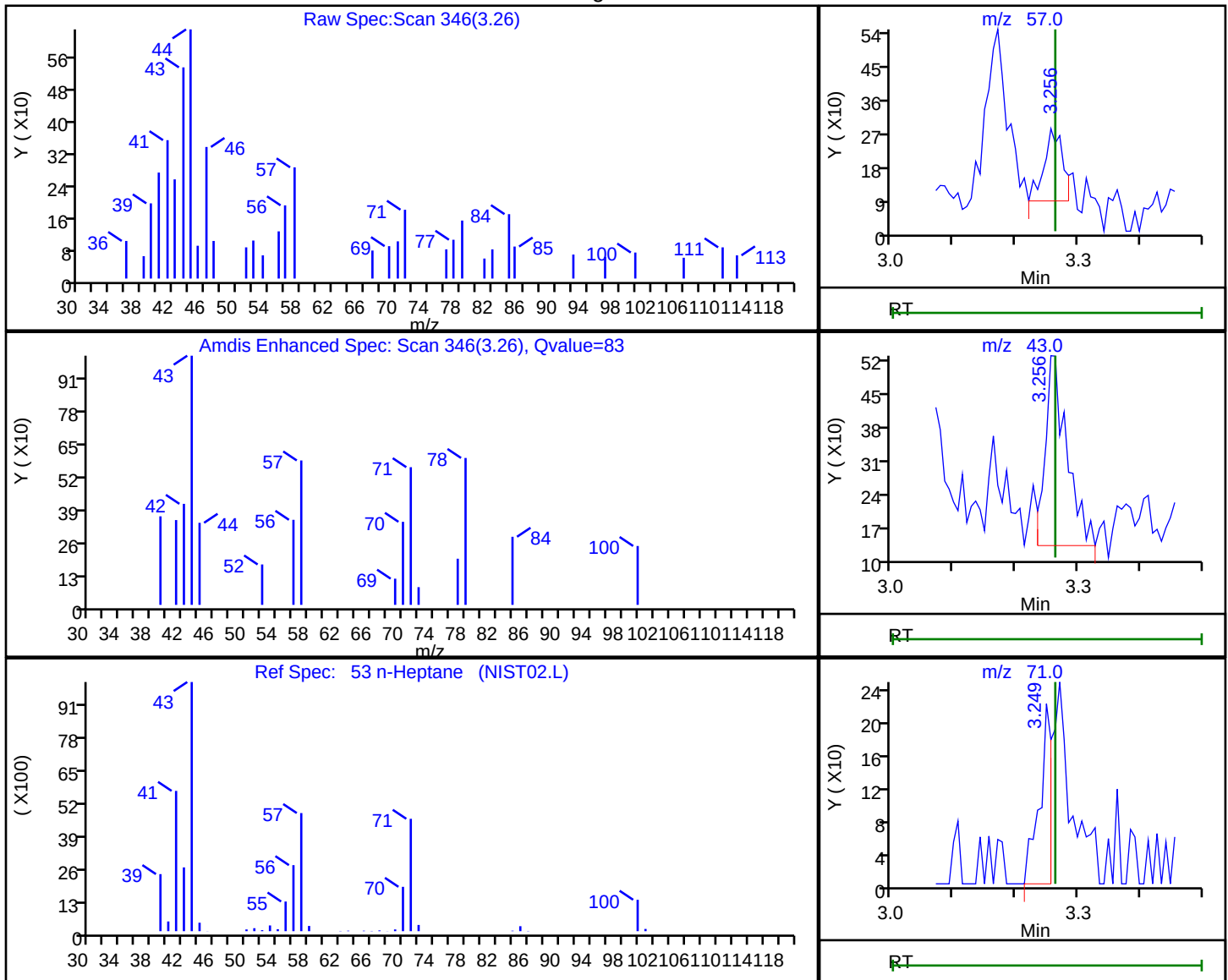
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

53 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.26	57.00	411	0.151946
3.26	43.00	962	
3.25	71.00	289	

Reviewer: delpolitov, 06-Dec-2018 09:34:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

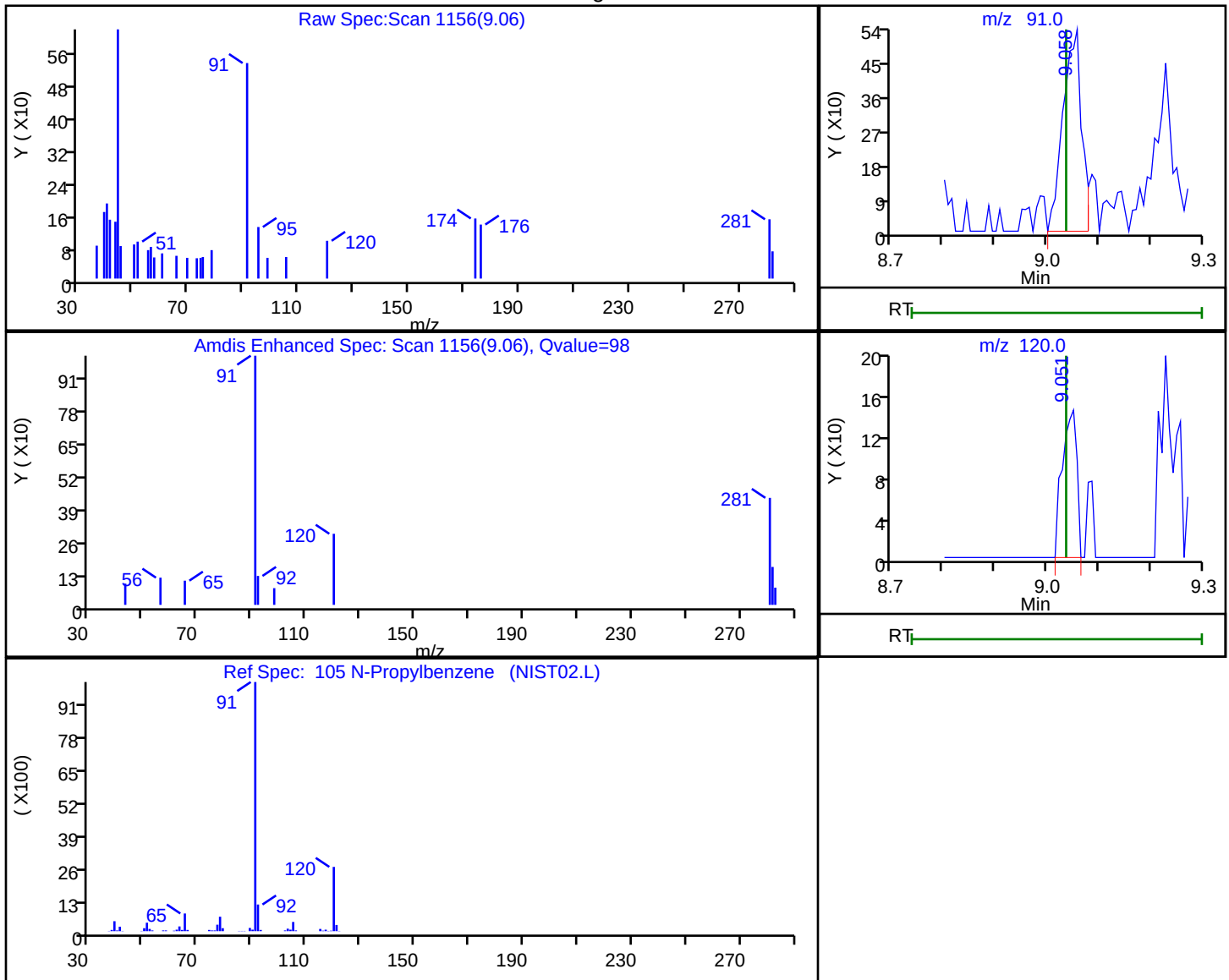
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

105 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.06	91.00	1335	0.081866
9.05	120.00	277	

Reviewer: delpolitov, 06-Dec-2018 09:34:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

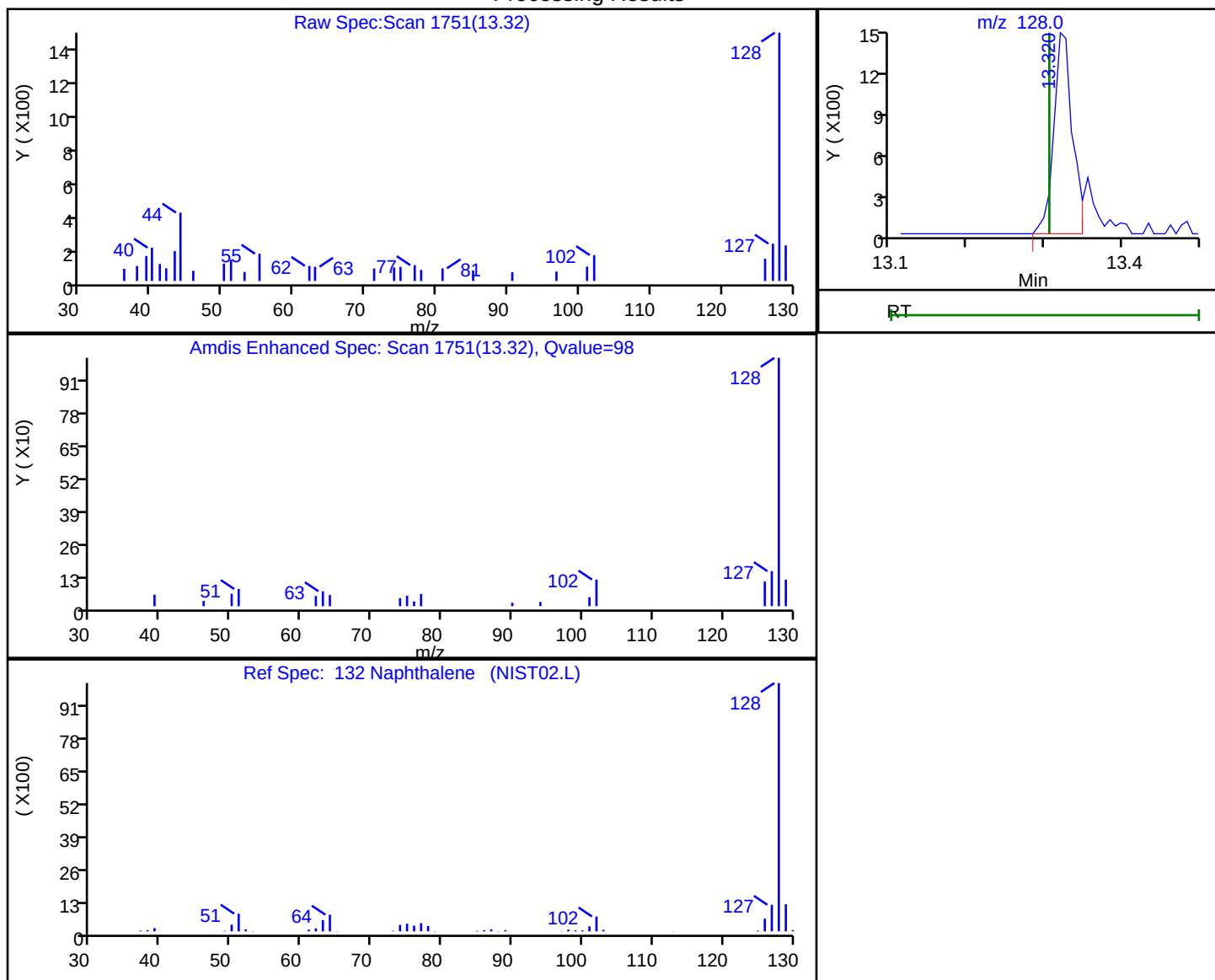
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

132 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
13.32	128.00	2415	0.278104

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

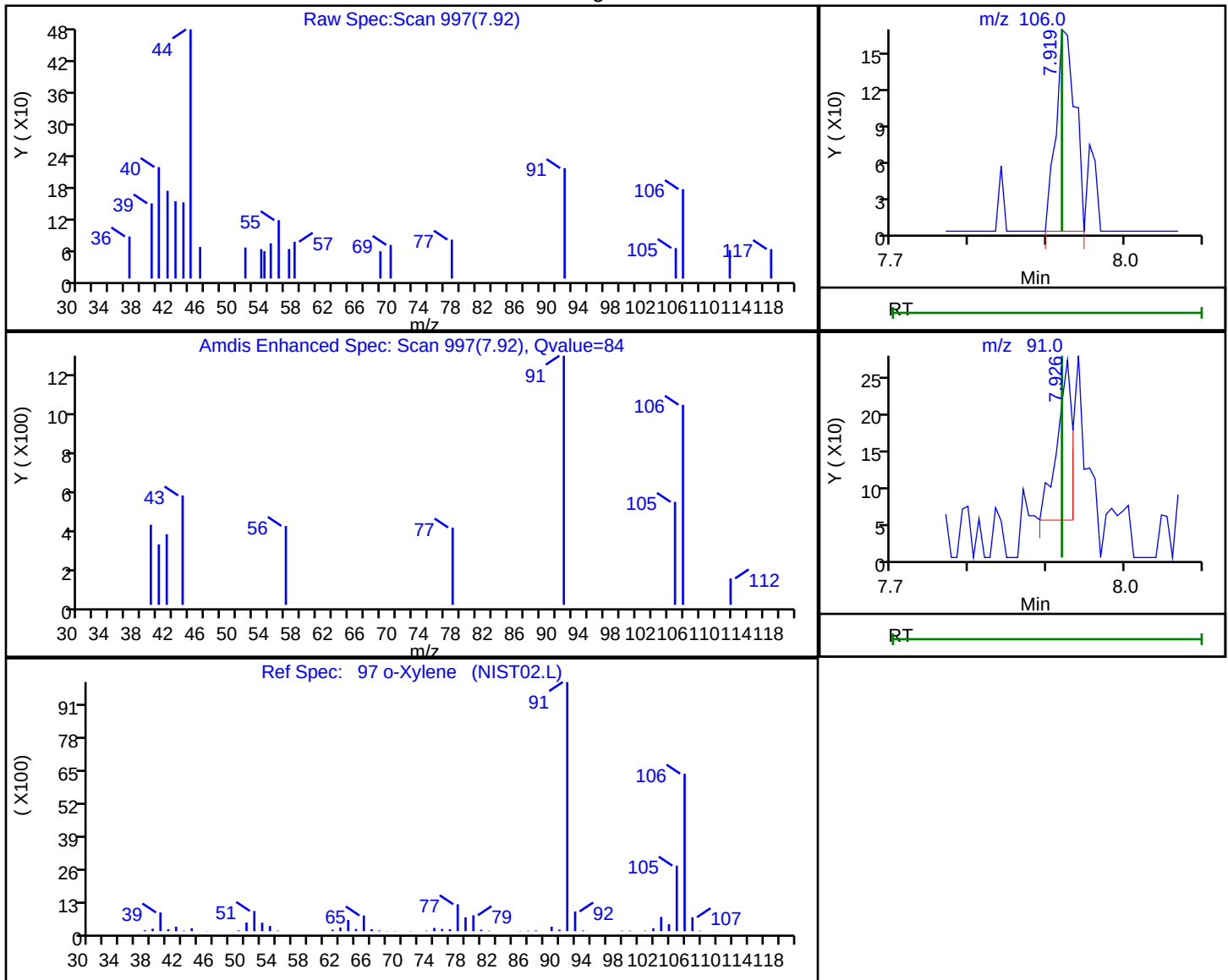
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

97 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
7.92	106.00	292	0.052859
7.93	91.00	295	

Reviewer: delpolitov, 06-Dec-2018 09:34:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

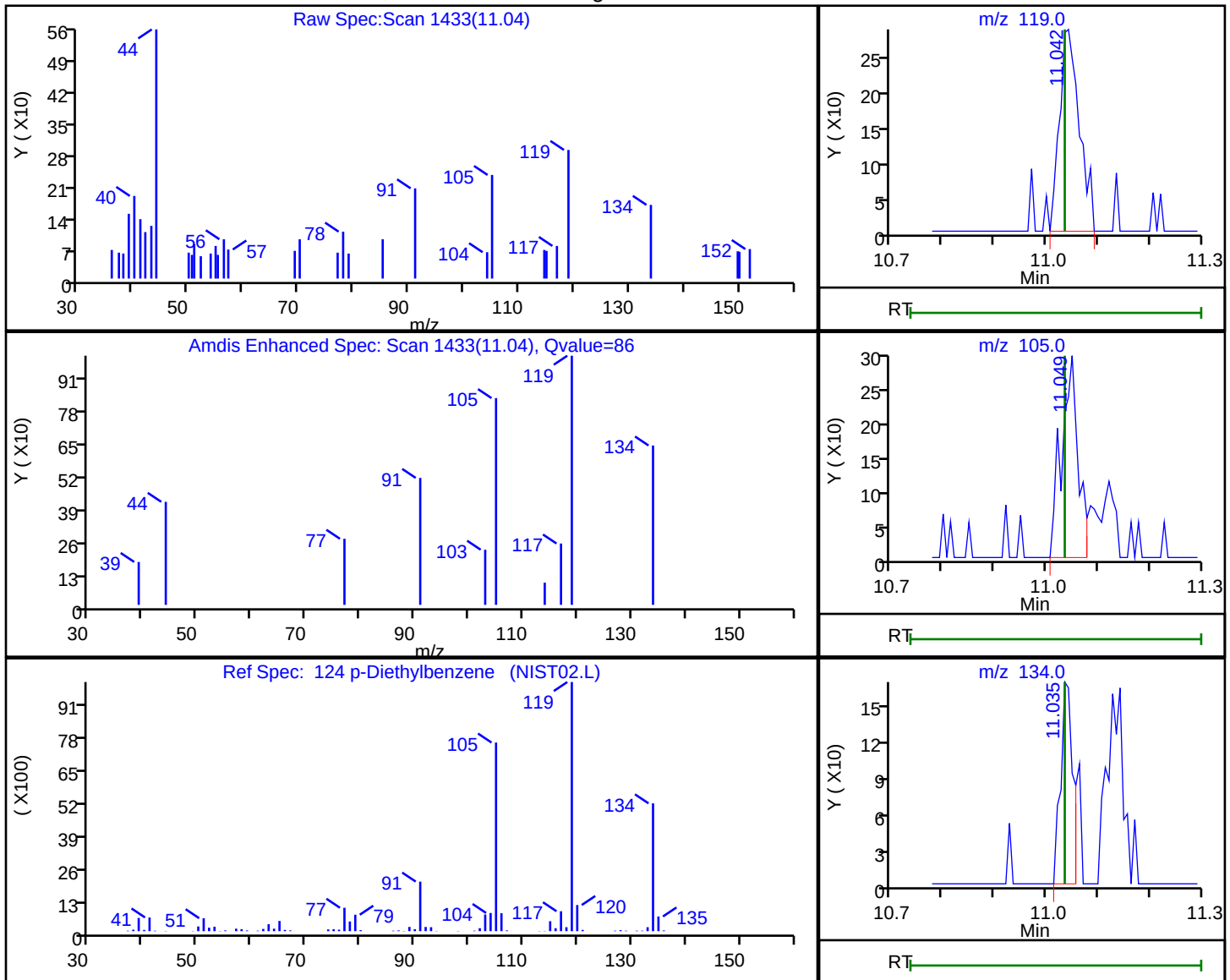
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

124 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.04	119.00	772	0.107061
11.05	105.00	659	
11.03	134.00	282	

Reviewer: delpolitov, 06-Dec-2018 09:34:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

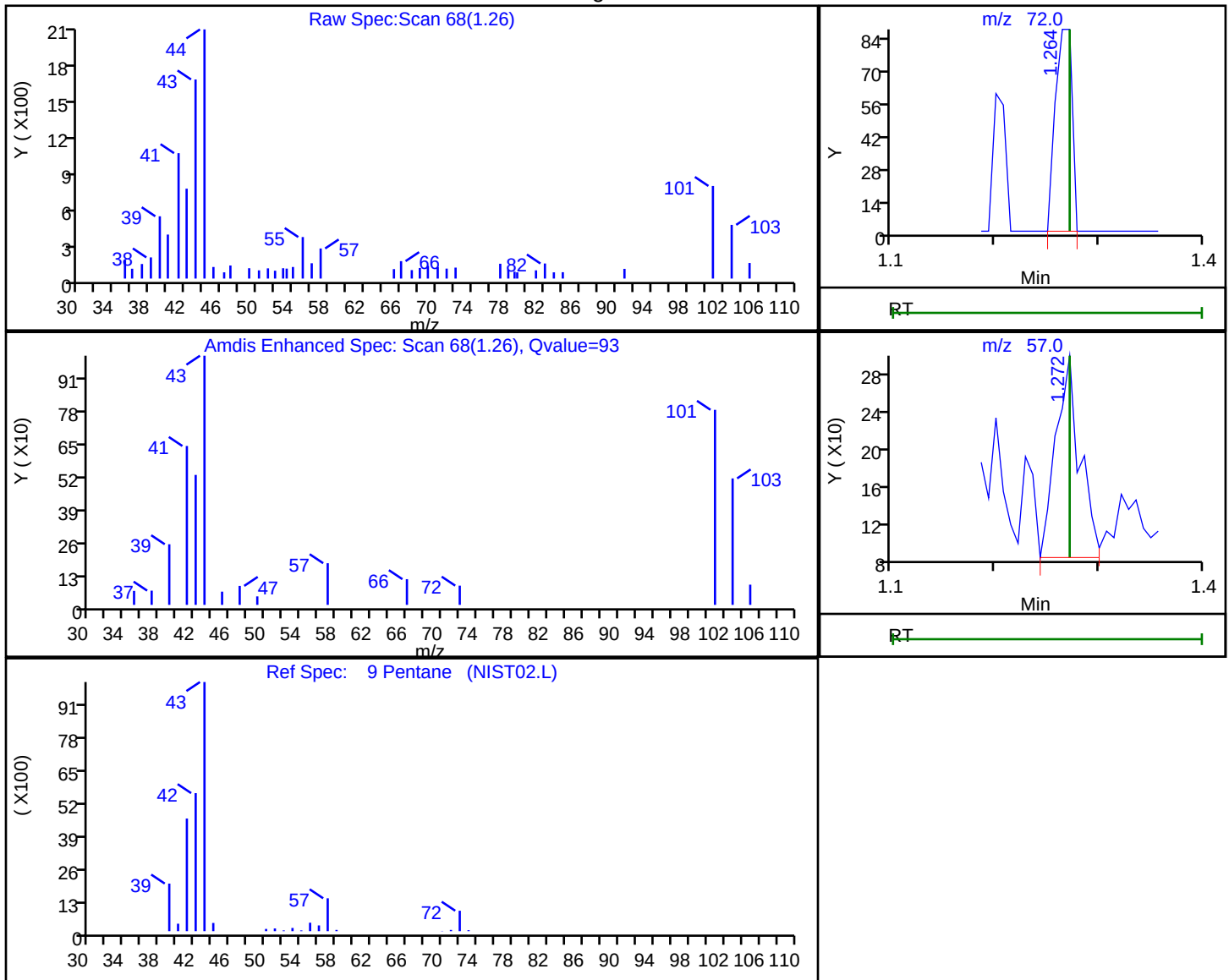
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.26	72.00	100	0.265929
1.27	57.00	346	

Reviewer: delpolitov, 06-Dec-2018 09:33:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

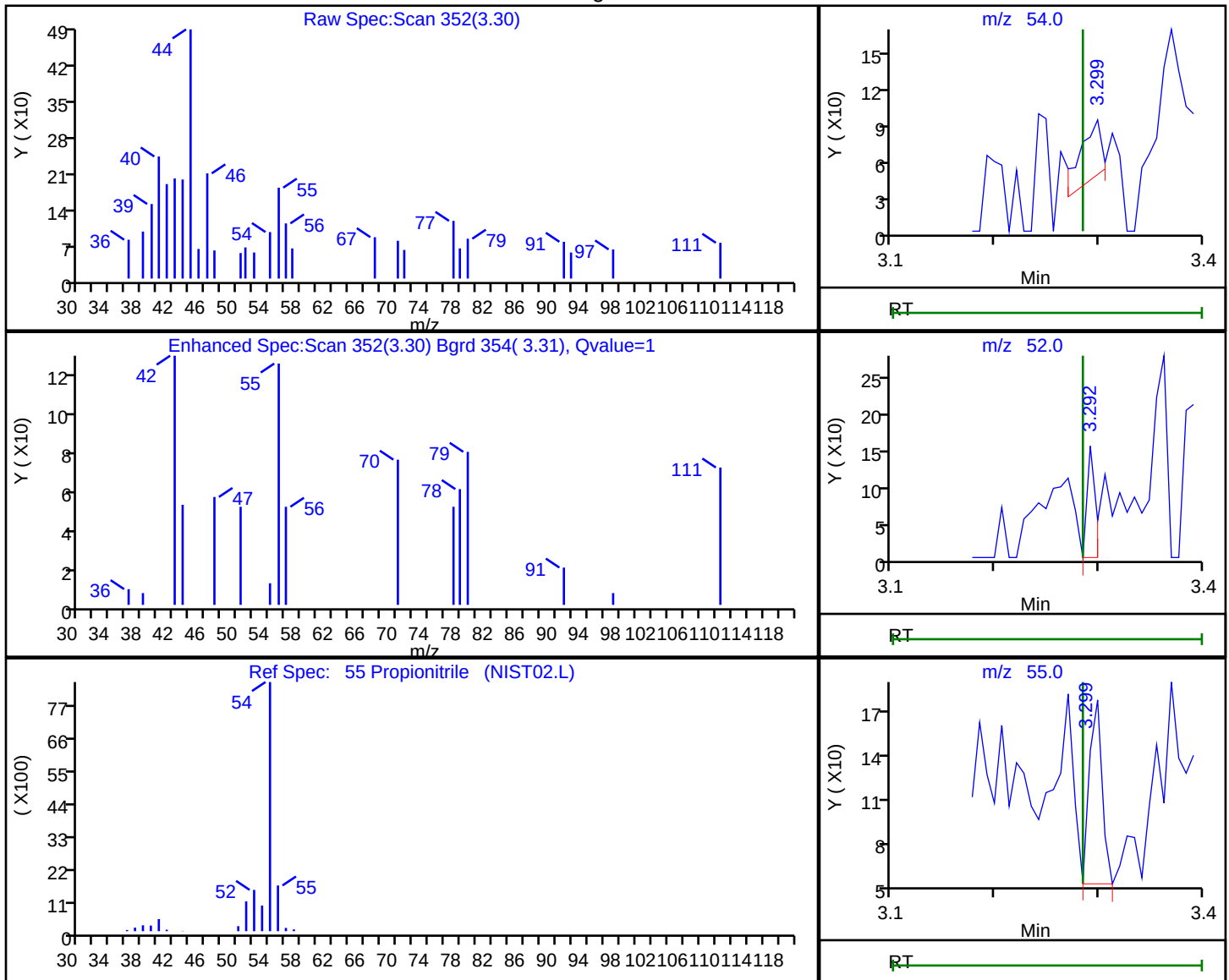
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

55 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.30	54.00	70	0.184712
3.29	52.00	88	
3.30	55.00	105	

Reviewer: delpolitov, 06-Dec-2018 09:34:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

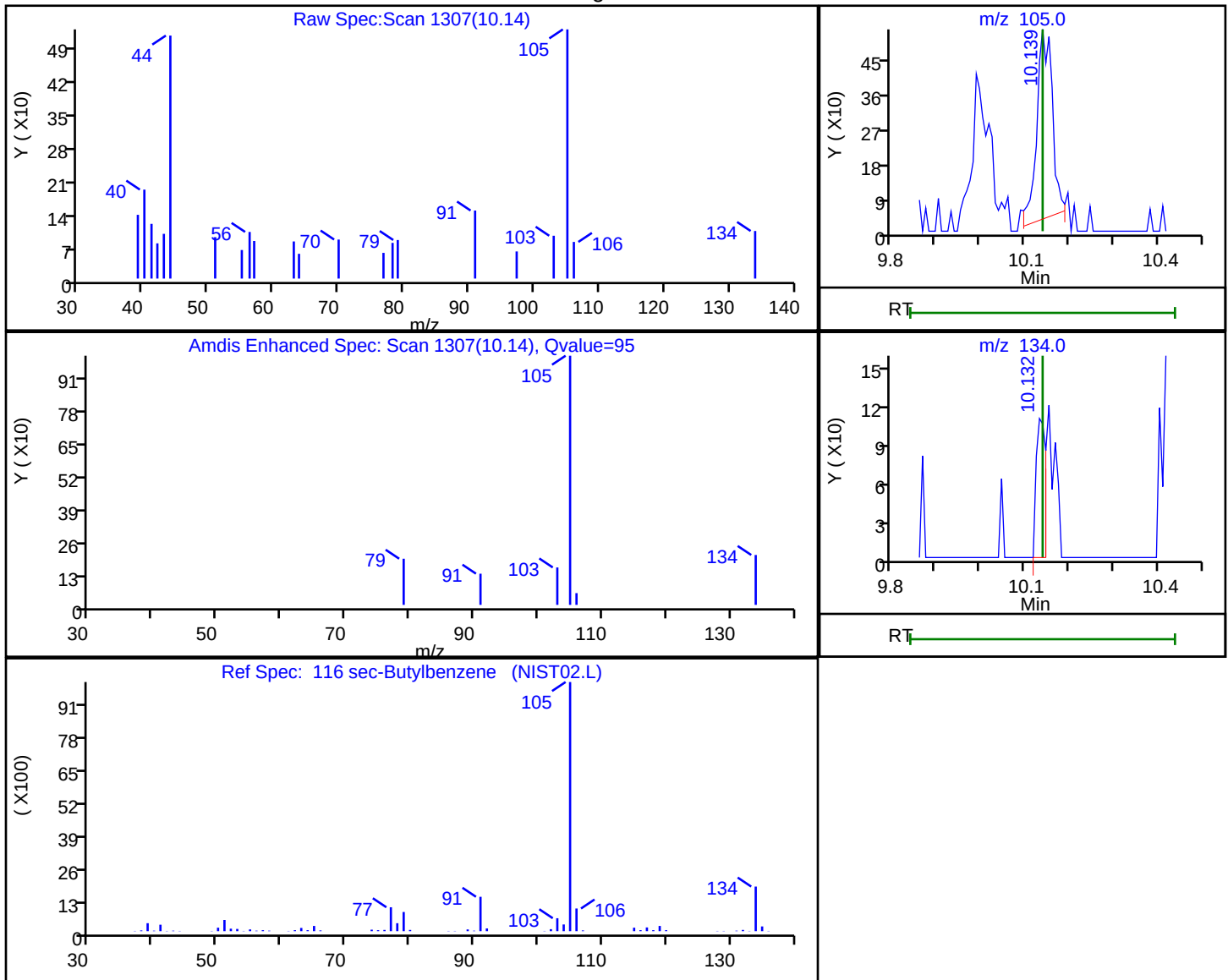
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

116 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.14	105.00	1200	0.079173
10.13	134.00	155	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

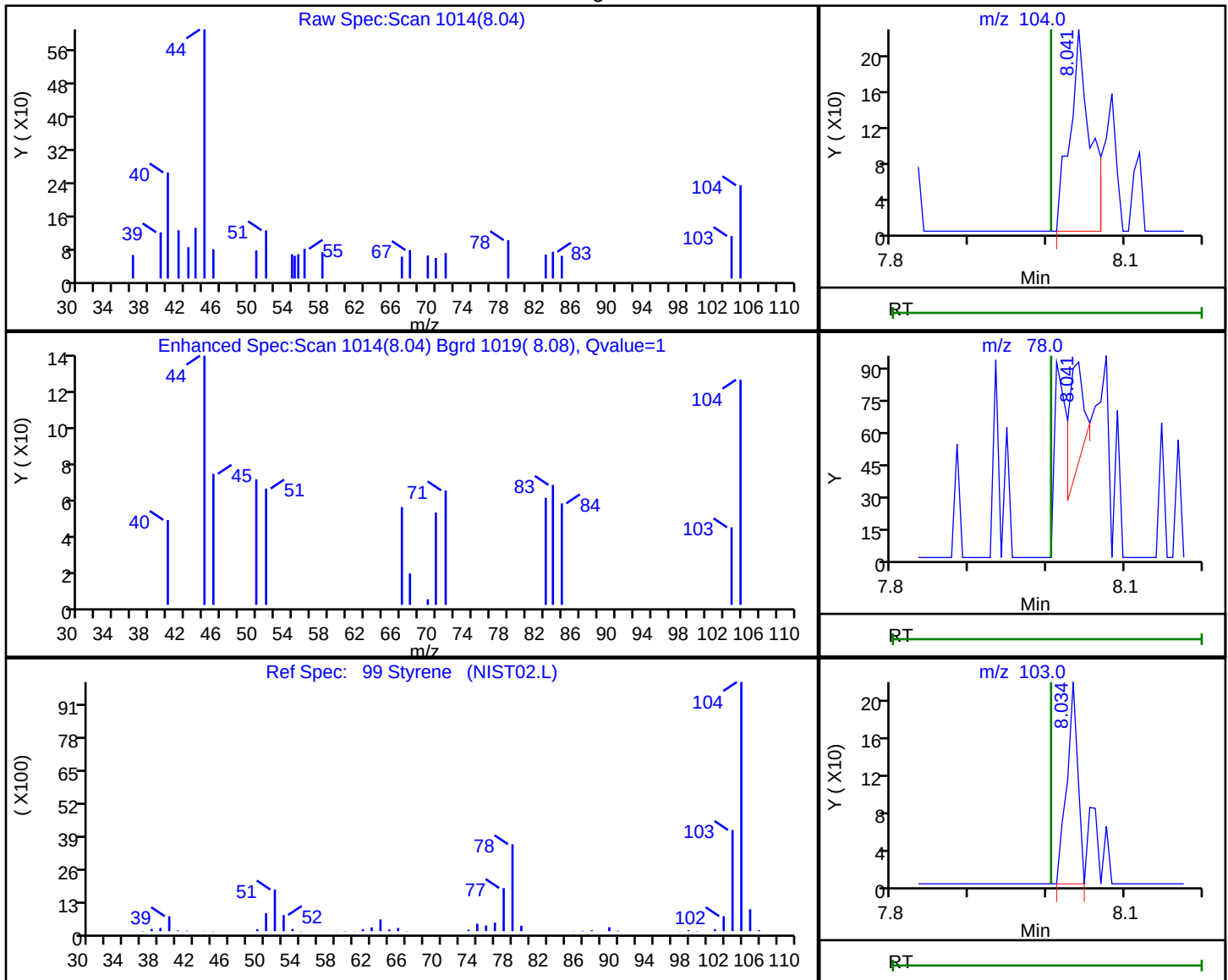
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

99 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.04	104.00	409	0.047268
8.04	78.00	66	
8.03	103.00	211	

Reviewer: delpolitov, 06-Dec-2018 09:34:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

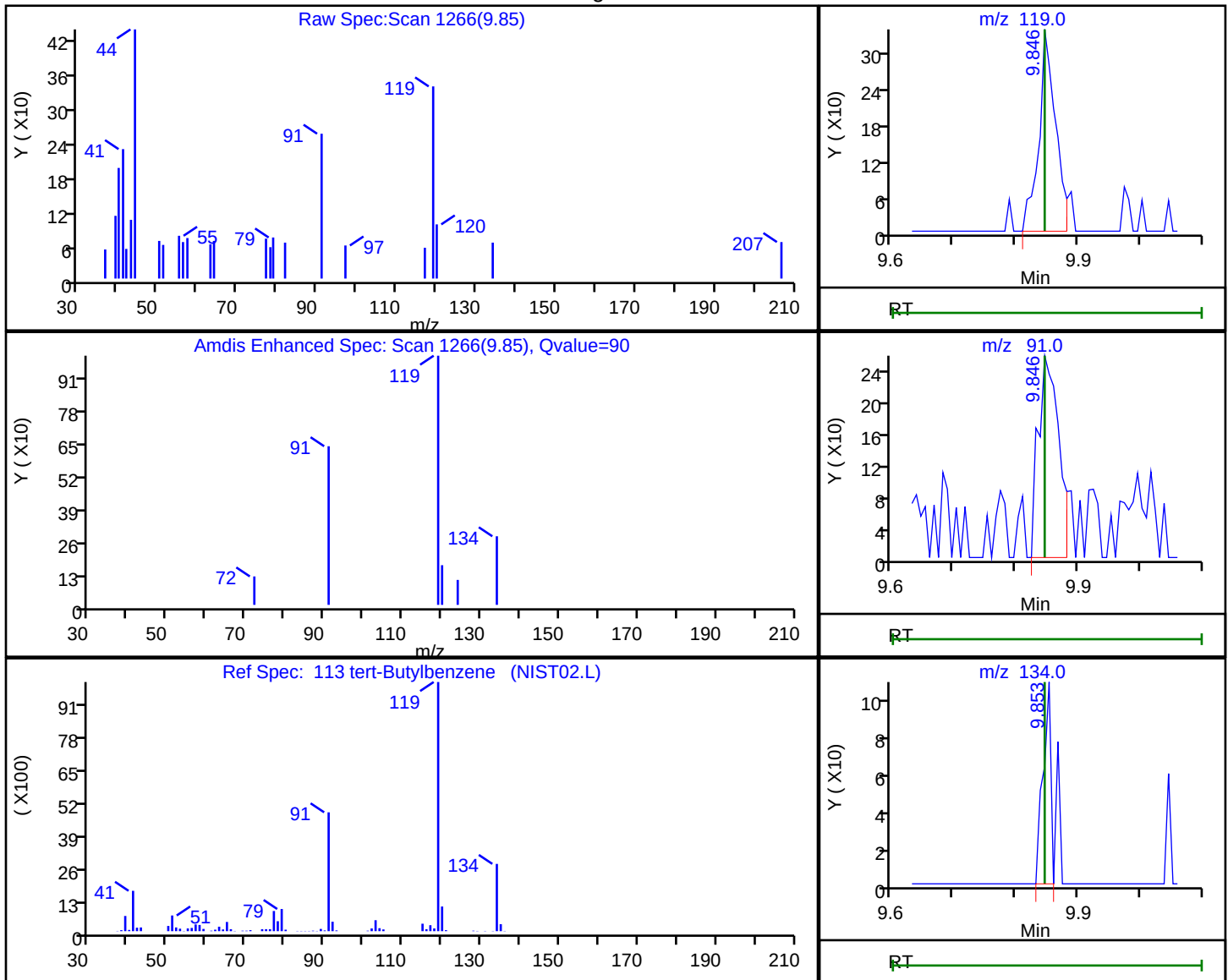
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

113 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.85	119.00	636	0.060004
9.85	91.00	588	
9.85	134.00	95	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

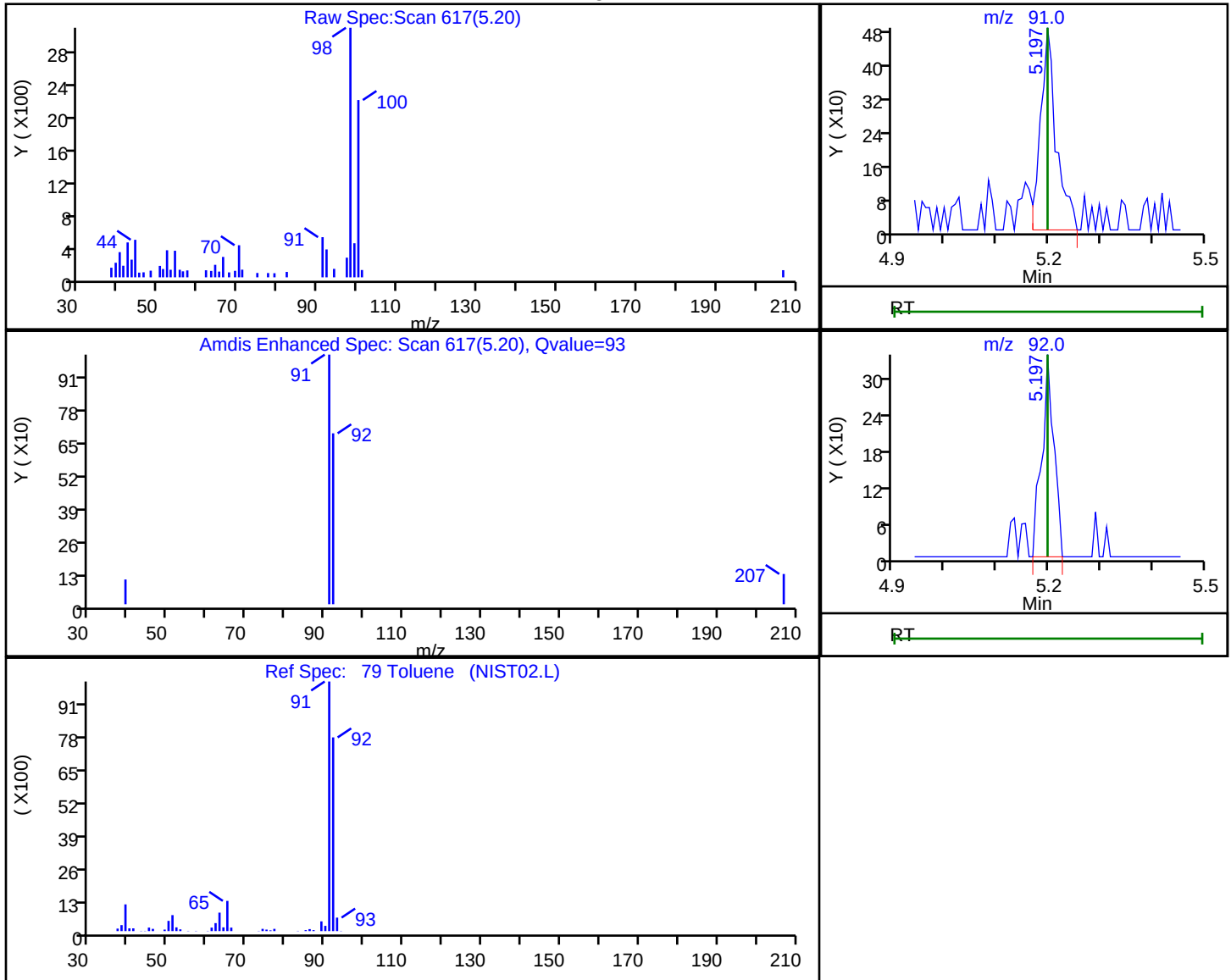
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

79 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.20	91.00	1025	0.081405
5.20	92.00	552	

Reviewer: delpolitov, 06-Dec-2018 09:34:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

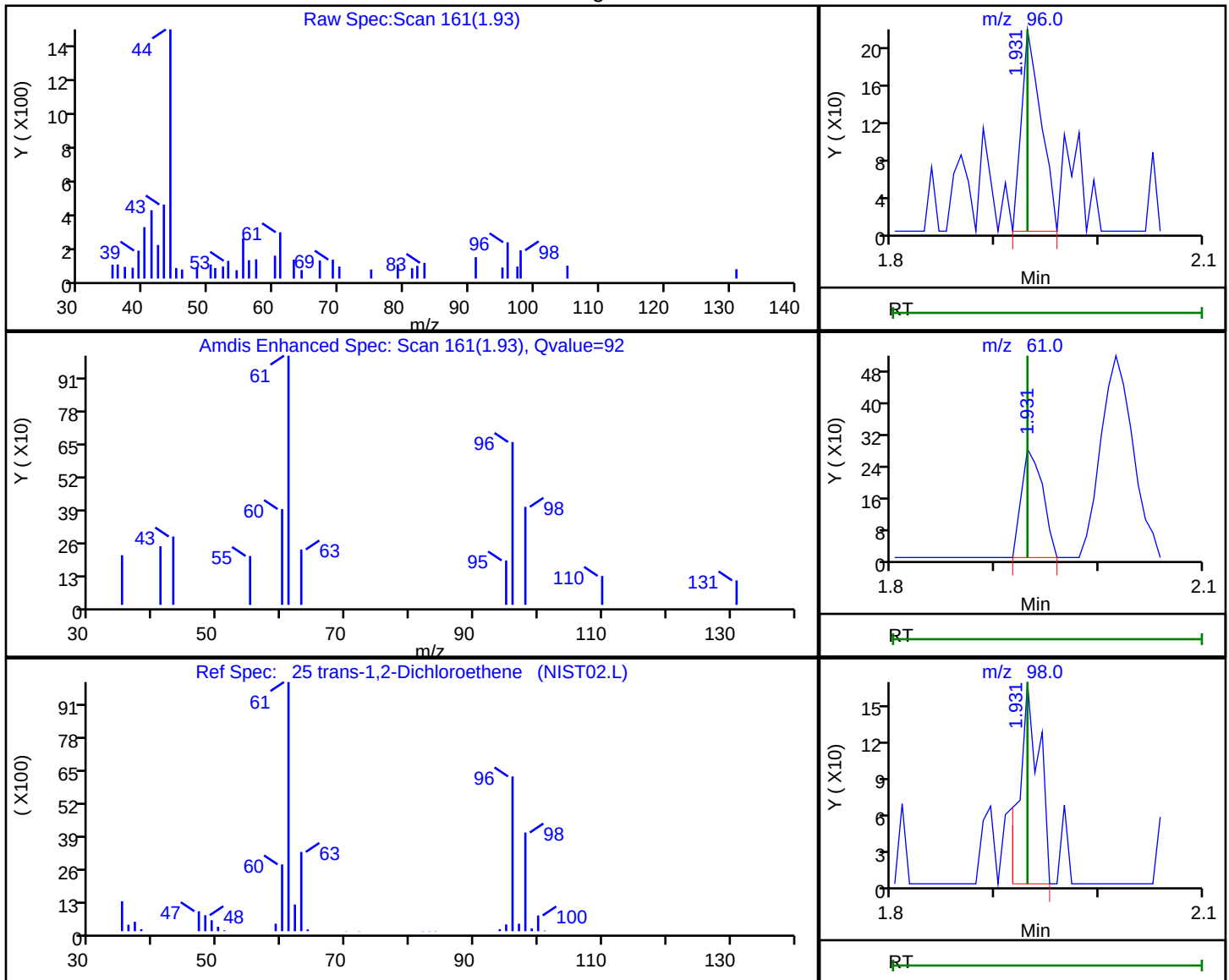
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
1.93	96.00	285	0.100071
1.93	61.00	394	
1.93	98.00	225	

Reviewer: delpolitov, 06-Dec-2018 09:33:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

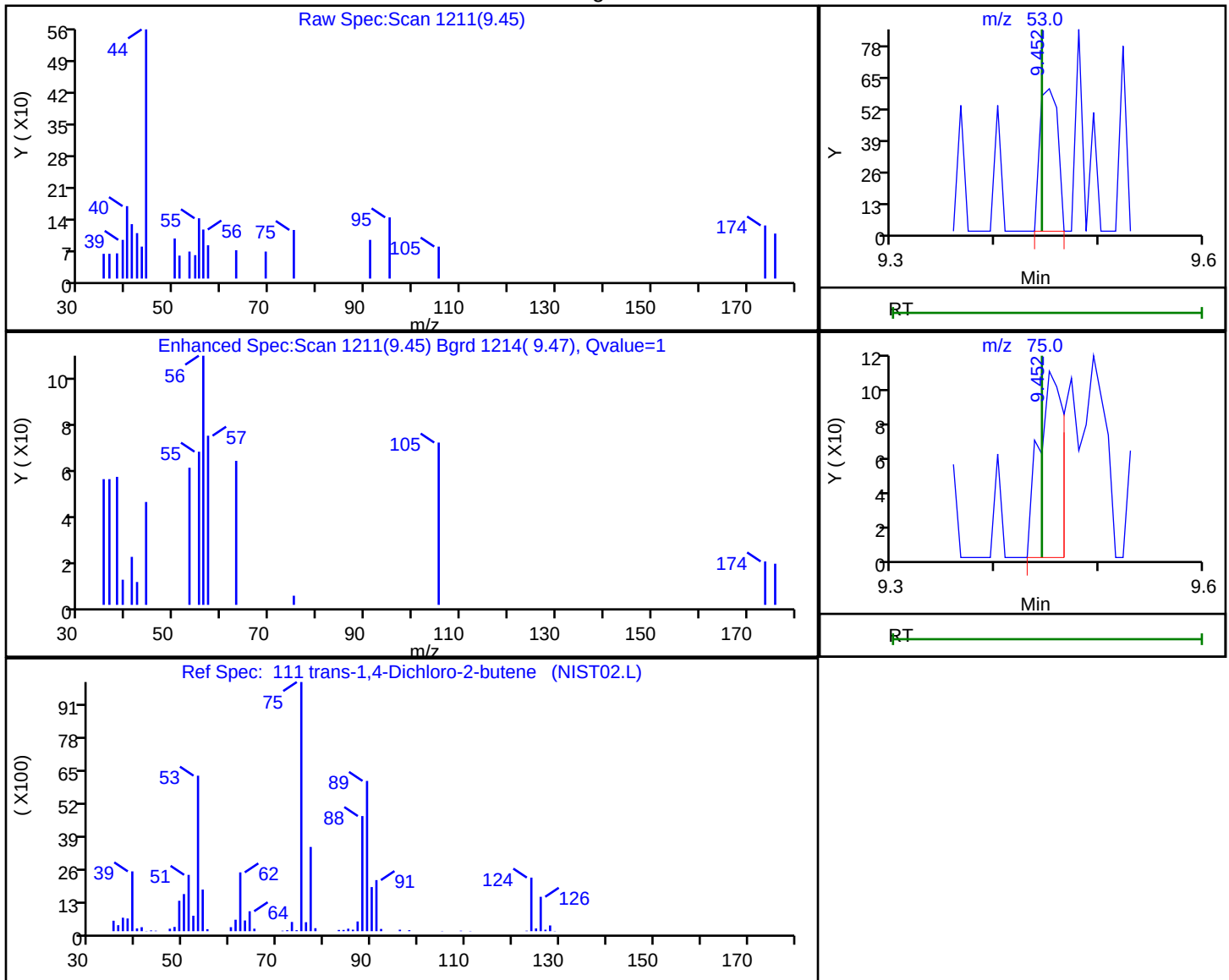
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.45	53.00	73	0.067716
9.45	75.00	180	

Reviewer: delpolitov, 06-Dec-2018 09:34:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

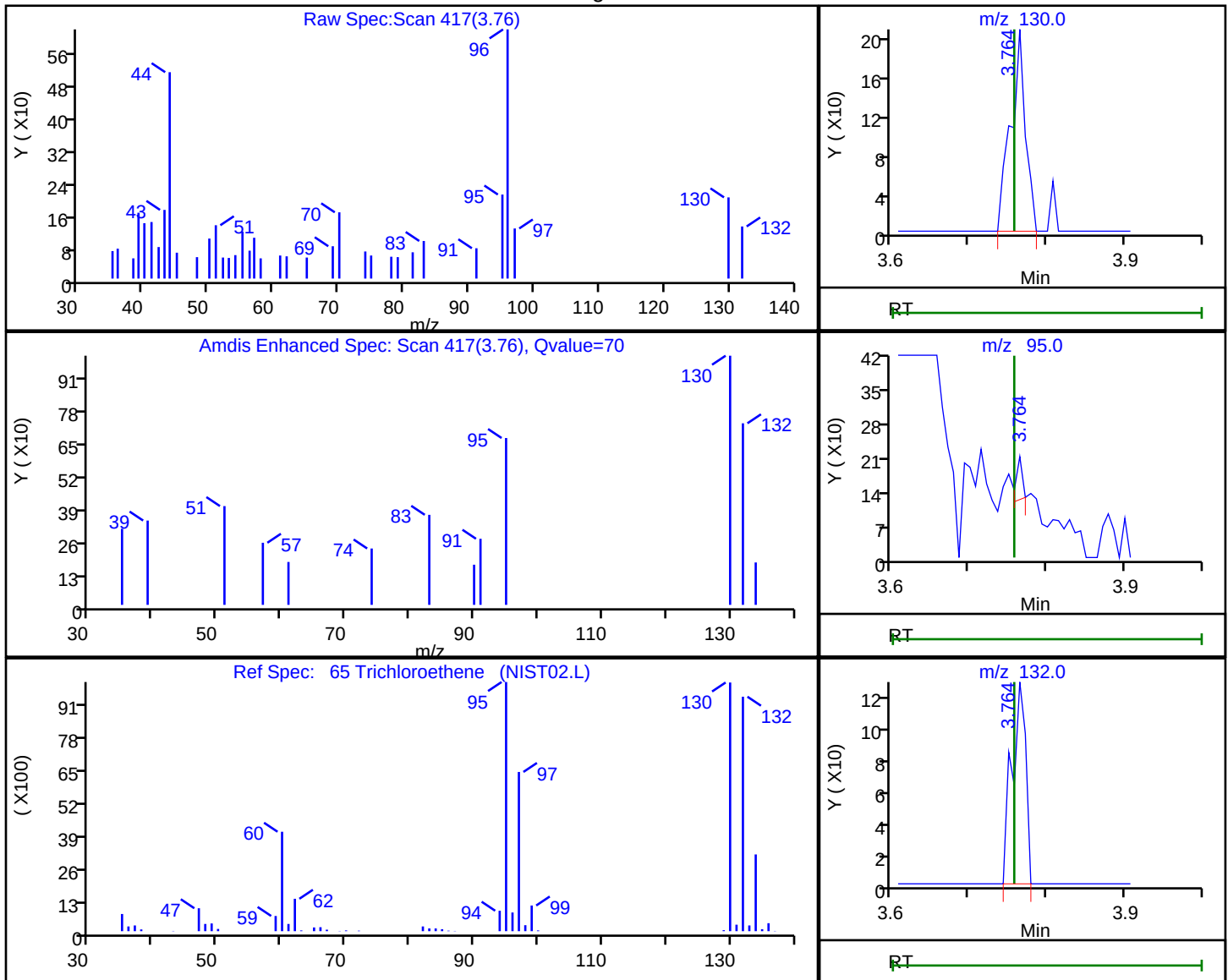
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
3.76	130.00	266	0.080685
3.76	95.00	48	
3.76	132.00	160	

Reviewer: delpolitov, 06-Dec-2018 09:34:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

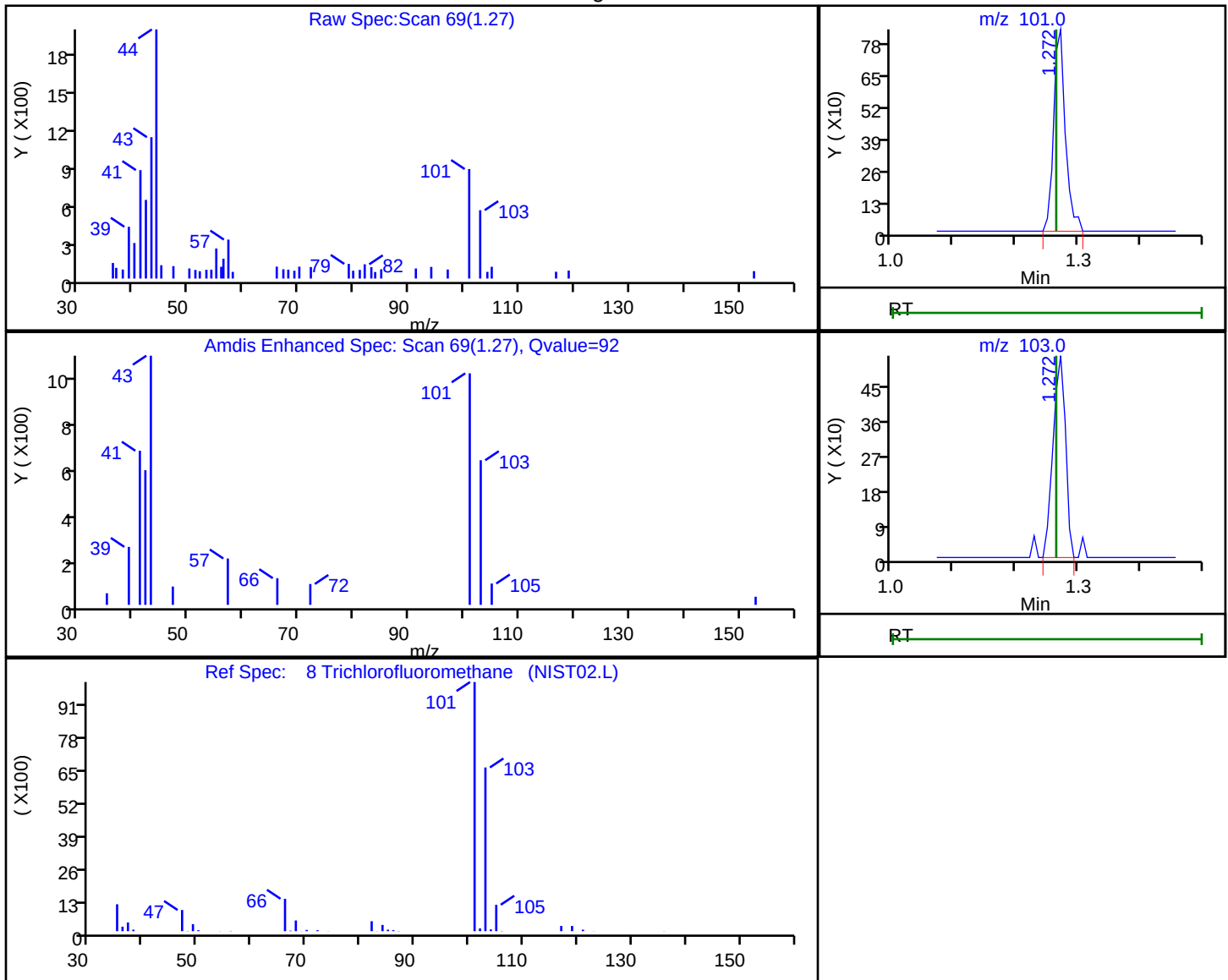
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.27	101.00	1111	0.275205
1.27	103.00	733	

Reviewer: delpolitov, 06-Dec-2018 09:33:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54133.D

Injection Date: 05-Dec-2018 14:47:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

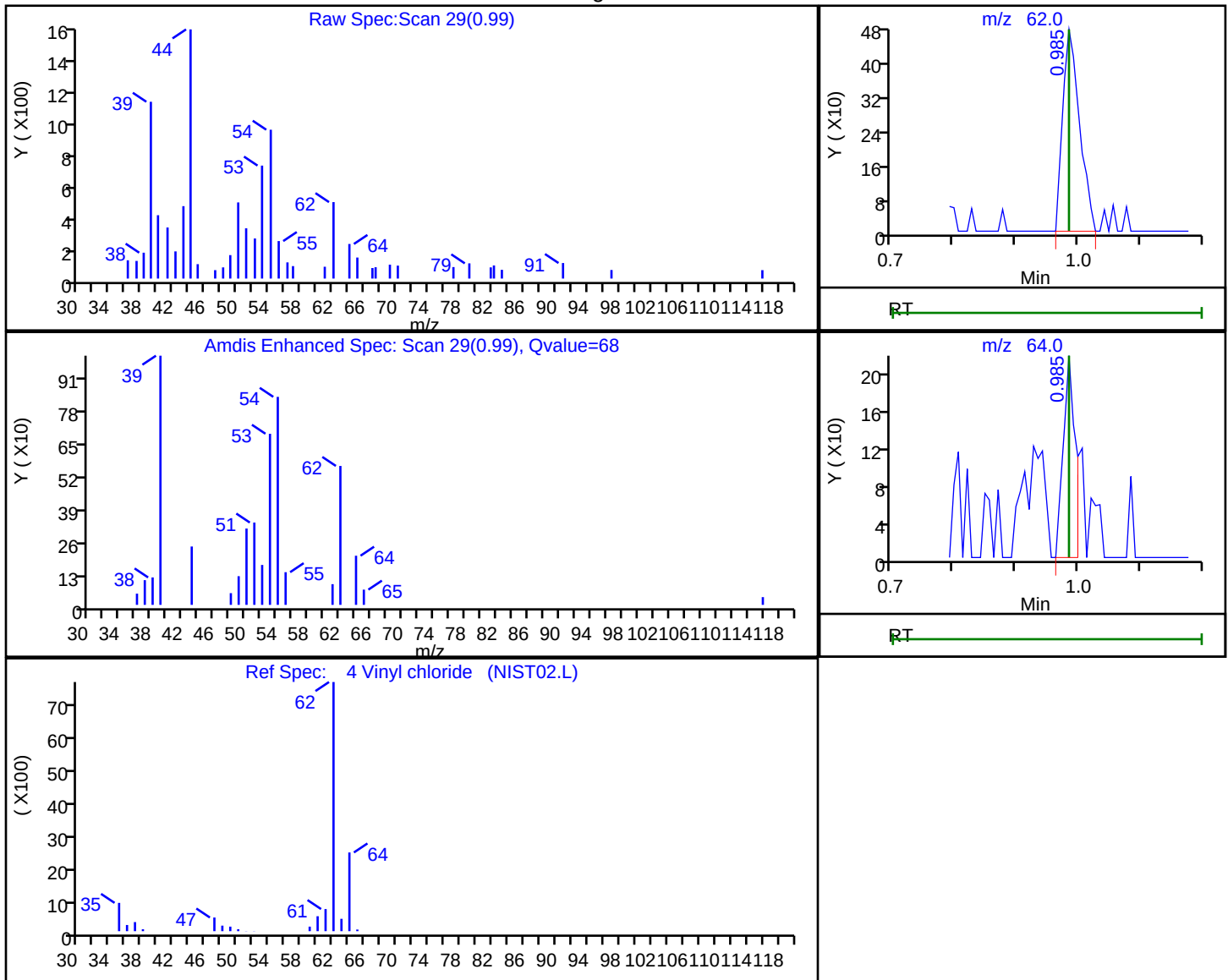
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.99	62.00	894	0.286098
0.99	64.00	289	

Reviewer: delpolitov, 06-Dec-2018 09:33:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 05-Dec-2018 15:12:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0083053-004
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-Dec-2018 13:21:57 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0307

First Level Reviewer: pakanatir

Date: 05-Dec-2018 17:09:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.842	-0.007	1	263	0.5000	0.4456	
2 Dichlorodifluoromethane	85	0.856	0.856	0.000	97	1102	0.5000	0.4067	
3 Chloromethane	50	0.964	0.964	0.000	98	1323	0.5000	0.4555	
5 Butadiene	54	0.985	0.985	0.000	93	1333	0.5000	0.4644	
4 Vinyl chloride	62	0.992	0.985	0.007	67	1215	0.5000	0.4000	
6 Bromomethane	94	1.135	1.136	-0.001	86	601	0.5000	0.4070	
7 Chloroethane	64	1.207	1.200	0.007	90	900	0.5000	0.4620	
8 Trichlorofluoromethane	101	1.272	1.264	0.008	58	1395	0.5000	0.3532	
9 Pentane	72	1.264	1.272	-0.008	94	379	1.00	0.9843	
10 Dichlorofluoromethane	67	1.307	1.300	0.007	96	1941	0.5000	0.3960	
12 Ethyl ether	59	1.422	1.422	0.000	69	1025	0.5000	0.4443	
11 2-Methyl-1,3-butadiene	67	1.415	1.422	-0.007	93	1401	0.5000	0.4523	
13 Ethanol	46	1.501	1.501	0.000	23	262	20.0	19.2	M
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	75	1385	0.5000	0.4730	
14 1,1-Dichloroethene	96	1.529	1.522	0.007	93	1180	0.5000	0.4993	
16 Carbon disulfide	76	1.544	1.544	0.000	100	4417	0.5000	0.5642	
17 1,1,2-Trichloro-1,2,2-trif	101	1.544	1.551	-0.007	36	981	0.5000	0.4776	
19 Cyclopentene	67	1.687	1.687	0.000	98	2532	0.5000	0.4584	
20 Acrolein	56	1.701	1.701	0.000	93	549	2.00	1.48	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	87	734	0.5000	0.4899	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	714	5.00	4.29	
23 Methylene Chloride	84	1.845	1.845	0.000	95	1470	0.5000	0.5097	
24 Acetone	43	1.866	1.859	0.007	86	2567	2.50	3.04	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	97	1533	0.5000	0.5423	
26 Methyl acetate	43	1.938	1.938	0.000	24	1643	1.00	0.9391	a
27 Hexane	86	1.981	1.981	0.000	59	211	0.5000	0.2974	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	88	3468	0.5000	0.4336	
* 29 TBA-d9 (IS)	65	2.016	2.017	-0.001	0	182458	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.059	2.060	-0.001	95	1358	5.00	5.09	
31 Acetonitrile	41	2.145	2.131	0.014	74	1777	5.00	5.46	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.224	2.224	0.000	95	4639	0.5000	0.4409	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	94	1111	0.5000	0.4538	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	98	2370	0.5000	0.4505	
35 Acrylonitrile	53	2.332	2.325	0.007	94	3985	5.00	3.90	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	71	4116	0.5000	0.4263	
37 Vinyl acetate	43	2.468	2.468	0.000	99	6324	1.00	0.8952	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	95	1539	0.5000	0.4867	
39 2,2-Dichloropropane	77	2.718	2.719	-0.001	95	1980	0.5000	0.4698	
40 Cyclohexane	56	2.783	2.783	0.000	93	2208	0.5000	0.5068	
41 Chlorobromomethane	128	2.790	2.783	0.007	93	743	0.5000	0.4765	
42 Chloroform	83	2.847	2.847	0.000	96	2197	0.5000	0.4542	
43 Carbon tetrachloride	117	2.933	2.933	0.000	94	1625	0.5000	0.4402	
45 Methyl acrylate	55	2.948	2.948	0.000	51	863	0.5000	0.3725	
44 Ethyl acetate	70	2.948	2.948	0.000	94	423	1.00	1.27	
46 Tetrahydrofuran	42	2.955	2.955	0.000	47	1180	1.00	1.03	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	95	98318	50.0	49.9	
48 1,1,1-Trichloroethane	97	2.976	2.984	-0.008	36	1865	0.5000	0.4287	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	229668	250.0	250.0	
50 2-Butanone (MEK)	72	3.077	3.077	0.000	98	709	2.50	2.25	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	85	2150	0.5000	0.5489	a
52 Isooctane	57	3.170	3.170	0.000	97	4503	0.5000	0.5275	
53 n-Heptane	57	3.263	3.263	0.000	63	1078	0.5000	0.5239	
54 Benzene	78	3.270	3.270	0.000	96	5113	0.5000	0.4614	
55 Propionitrile	54	3.292	3.284	0.008	95	1900	5.00	5.08	
56 Methacrylonitrile	67	3.313	3.306	0.007	95	4087	5.00	3.98	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.370	0.000	0	116850	50.0	51.5	
58 Tert-amyl methyl ether	73	3.377	3.378	-0.001	38	3512	0.5000	0.4284	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	80	2384	0.5000	0.5436	
60 Isobutyl alcohol	43	3.506	3.506	0.000	93	1160	12.5	10.7	
61 t-Amyl alcohol	59	3.578	3.571	0.007	88	878	5.00	4.67	
* 62 Fluorobenzene	96	3.614	3.614	0.000	99	443650	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.678	0.000	97	2346	0.5000	0.4212	
64 Methylcyclohexane	83	3.750	3.743	0.007	89	1976	0.5000	0.4635	
65 Trichloroethene	130	3.757	3.757	0.000	93	1567	0.5000	0.4789	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	90	3300	0.5000	0.4250	
67 Dibromomethane	93	4.137	4.130	0.007	90	818	0.5000	0.4436	
68 n-Butanol	56	4.151	4.137	0.014	52	286	12.5	12.7	
69 1,2-Dichloropropane	63	4.223	4.216	0.007	89	1413	0.5000	0.4609	
71 Ethyl acrylate	55	4.309	4.294	0.015	62	1053	0.5000	0.4905	a
70 Dichlorobromomethane	83	4.309	4.302	0.007	95	1561	0.5000	0.4196	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	20254	1000.0	1000.0	
73 Methyl methacrylate	100	4.502	4.495	0.007	90	495	1.00	0.9187	
74 1,4-Dioxane	88	4.509	4.509	0.000	38	593	25.0	21.6	a
75 n-Propyl acetate	43	4.660	4.653	0.007	96	1399	0.5000	0.3686	
76 2-Chloroethyl vinyl ether	63	4.925	4.910	0.015	90	827	0.5000	0.4376	Ma
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	2022	0.5000	0.4608	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	395245	50.0	50.8	
79 Toluene	91	5.197	5.197	0.000	93	5868	0.5000	0.4743	
80 Epichlorohydrin	57	5.226	5.226	0.000	96	2119	10.0	8.29	
81 2-Nitropropane	41	5.448	5.448	0.000	92	628	1.00	0.7978	M
82 Tetrachloroethene	166	5.627	5.627	0.000	92	1571	0.5000	0.5048	
83 4-Methyl-2-pentanone (MIBK	43	5.670	5.663	0.007	97	5945	2.50	2.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.713	5.698	0.015	92	1596	0.5000	0.4109	M
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	89	916	0.5000	0.4507	
86 Ethyl methacrylate	69	5.963	5.949	0.014	89	1474	0.5000	0.4341	
87 Chlorodibromomethane	129	6.078	6.071	0.007	94	1096	0.5000	0.3828	
88 1,3-Dichloropropane	76	6.193	6.185	0.008	91	1678	0.5000	0.4110	
89 Ethylene Dibromide	107	6.329	6.314	0.015	97	1121	0.5000	0.4341	M
90 n-Butyl acetate	43	6.672	6.658	0.014	91	1747	0.5000	0.4115	
91 2-Hexanone	43	6.744	6.723	0.021	97	3825	2.50	2.16	M
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	364675	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	86	3925	0.5000	0.4708	a
94 Ethylbenzene	106	7.109	7.109	0.000	98	2131	0.5000	0.4586	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	90	1080	0.5000	0.3751	
96 m-Xylene & p-Xylene	106	7.339	7.332	0.007	0	2761	0.5000	0.4900	
97 o-Xylene	106	7.926	7.919	0.007	92	2295	0.5000	0.4228	
98 Bromoform	173	7.990	7.983	0.007	75	572	0.5000	0.5049	
99 Styrene	104	8.019	8.005	0.014	94	3678	0.5000	0.4231	M
100 n-Butyl acrylate	73	8.356	8.327	0.029	93	728	0.5000	0.4103	M
101 Isopropylbenzene	105	8.406	8.399	0.007	95	6348	0.5000	0.4485	
102 Amyl acetate (mixed isomer)	43	8.757	8.743	0.014	37	2119	0.5000	0.4321	a
\$ 103 4-Bromofluorobenzene	174	8.778	8.778	0.000	90	126389	50.0	49.4	
104 Bromobenzene	156	8.886	8.886	0.000	92	1578	0.5000	0.4335	
105 N-Propylbenzene	91	9.043	9.036	0.007	99	7630	0.5000	0.4718	
106 1,1,2,2-Tetrachloroethane	83	9.187	9.180	0.007	93	1305	0.5000	0.4475	
107 2-Chlorotoluene	91	9.215	9.208	0.007	96	5184	0.5000	0.4669	
108 4-Ethyltoluene	105	9.237	9.230	0.007	98	6994	0.5000	0.4815	
109 1,2,3-Trichloropropane	110	9.323	9.316	0.007	83	466	0.5000	0.4844	
110 1,3,5-Trimethylbenzene	105	9.394	9.387	0.007	94	5259	0.5000	0.4412	
111 trans-1,4-Dichloro-2-buten	53	9.480	9.445	0.035	42	346	0.5000	0.3734	
112 4-Chlorotoluene	91	9.495	9.480	0.015	97	5025	0.5000	0.4909	
113 tert-Butylbenzene	119	9.853	9.846	0.007	96	5107	0.5000	0.4859	
115 Butyl Methacrylate	87	9.989	9.982	0.007	45	1020	0.5000	0.5162	
114 1,2,4-Trimethylbenzene	105	9.989	9.982	0.007	96	5672	0.5000	0.4542	
116 sec-Butylbenzene	105	10.139	10.139	0.000	98	6894	0.5000	0.4587	
117 1,3-Dichlorobenzene	146	10.412	10.404	0.008	79	3650	0.5000	0.4999	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	6591	0.5000	0.4801	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.533	0.007	96	208303	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.562	0.000	38	4055	0.5000	0.5353	
121 1,2,3-Trimethylbenzene	105	10.669	10.662	0.007	99	5914	0.5000	0.4530	
122 2,3-Dihydroindene	117	10.849	10.841	0.007	93	6450	0.5000	0.4937	
123 Benzyl chloride	126	11.042	11.013	0.029	76	443	0.5000	0.3896	M
124 p-Diethylbenzene	119	11.035	11.035	0.000	90	3302	0.5000	0.4618	
125 n-Butylbenzene	91	11.128	11.114	0.014	95	4709	0.5000	0.4233	
126 1,2-Dichlorobenzene	146	11.235	11.221	0.014	93	3277	0.5000	0.4743	
127 1,2,4,5-Tetramethylbenzene	119	12.152	12.145	0.007	97	5195	0.5000	0.4292	
128 1,2-Dibromo-3-Chloropropan	157	12.295	12.288	0.007	91	262	0.5000	0.4551	
129 1,3,5-Trichlorobenzene	180	12.346	12.339	0.008	94	2629	0.5000	0.5034	
130 1,2,4-Trichlorobenzene	180	13.019	13.012	0.007	93	2317	0.5000	0.5072	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	86	1147	0.5000	0.5353	
132 Naphthalene	128	13.320	13.306	0.014	99	4646	0.5000	0.5395	
133 1,2,3-Trichlorobenzene	180	13.485	13.477	0.007	93	2253	0.5000	0.5528	
S 134 1,2-Dichloroethene, Total	100				0		1.00	1.03	
S 135 1,3-Dichloropropene, Total	100				0		1.00	0.8717	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		1.00	0.9129	
S 137 Total BTEX	1				0		2.50	2.31	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00083	Amount Added: 2.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 5.00	Units: uL	
GASES Li_00288	Amount Added: 5.00	Units: uL	
14DIOXINTER_00093	Amount Added: 15.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Operator ID:

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

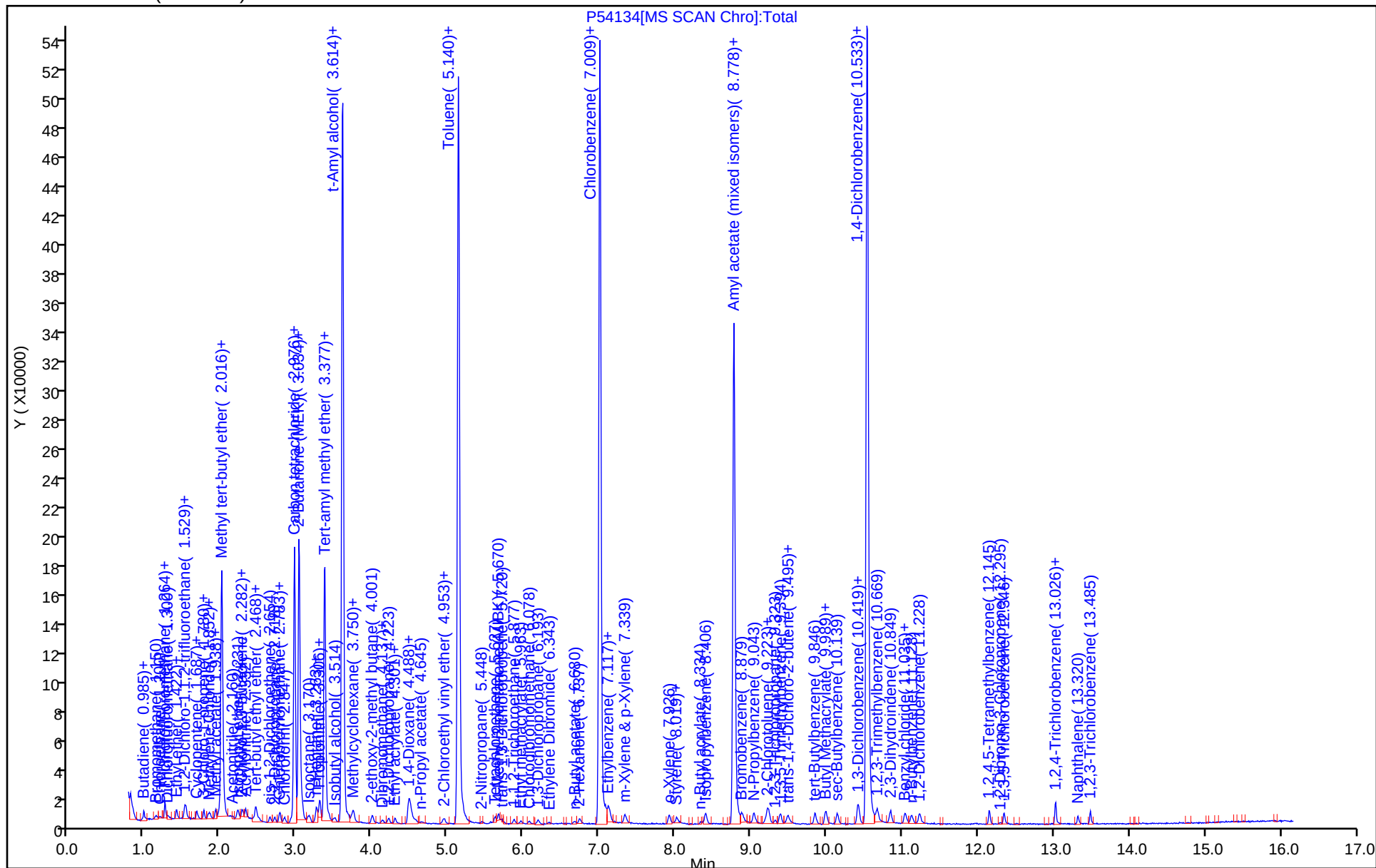
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

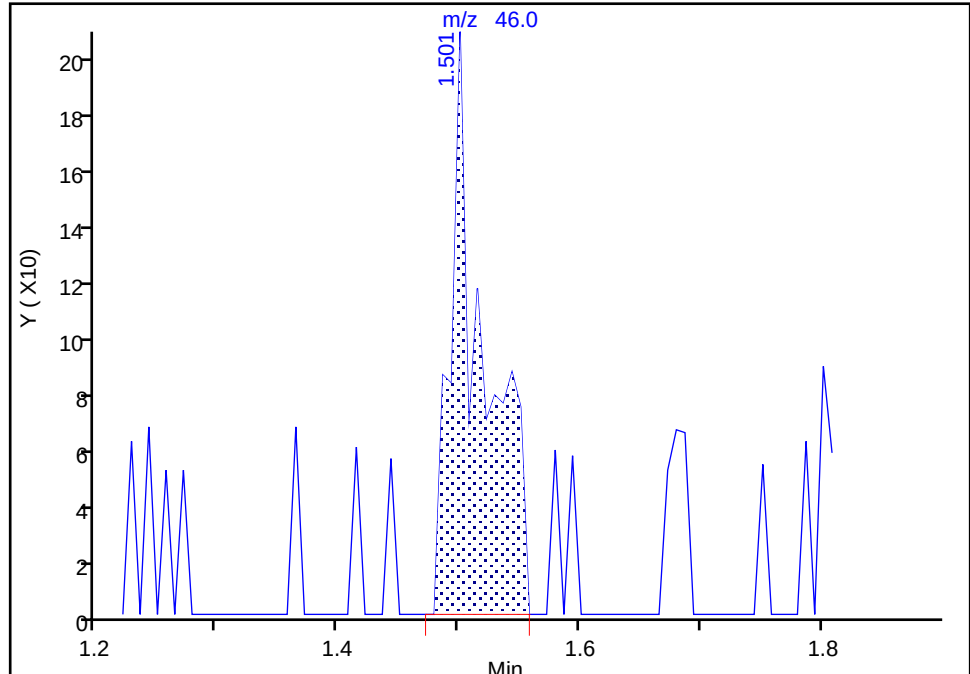
Detector: MS SCAN

13 Ethanol, CAS: 64-17-5

Signal: 1

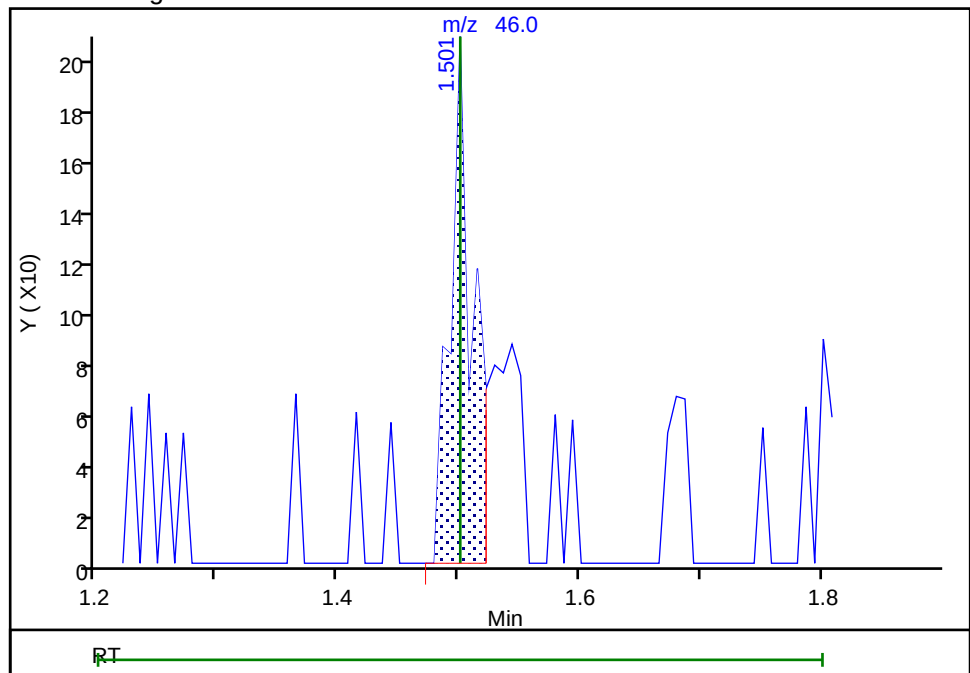
RT: 1.50
Area: 393
Amount: 28.411993
Amount Units: ug/l

Processing Integration Results



RT: 1.50
Area: 262
Amount: 19.152218
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 10:16:59

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

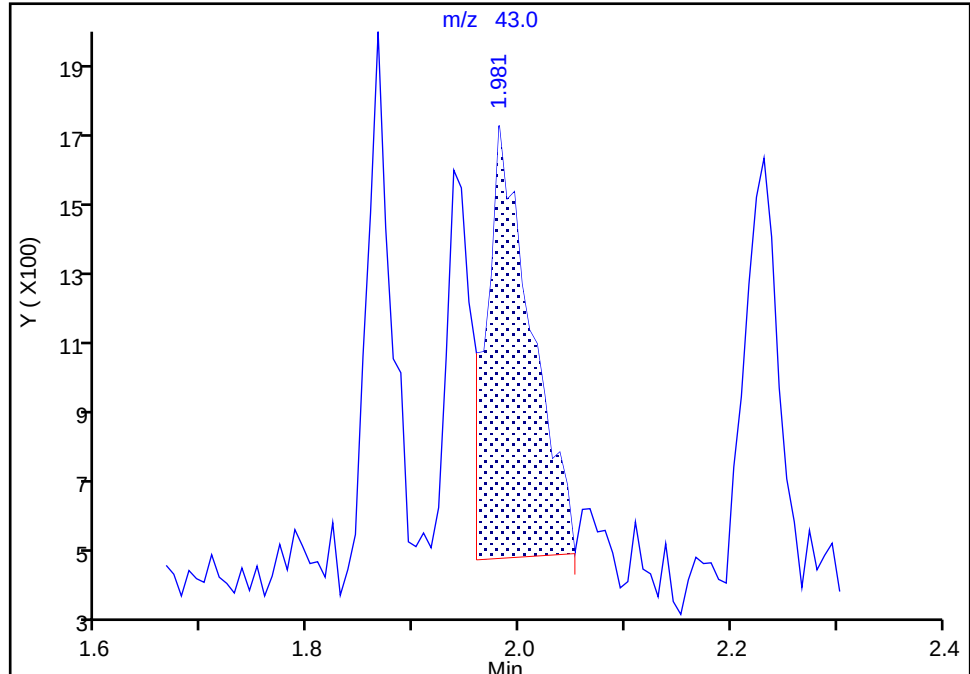
Detector: MS SCAN

26 Methyl acetate, CAS: 79-20-9

Signal: 1

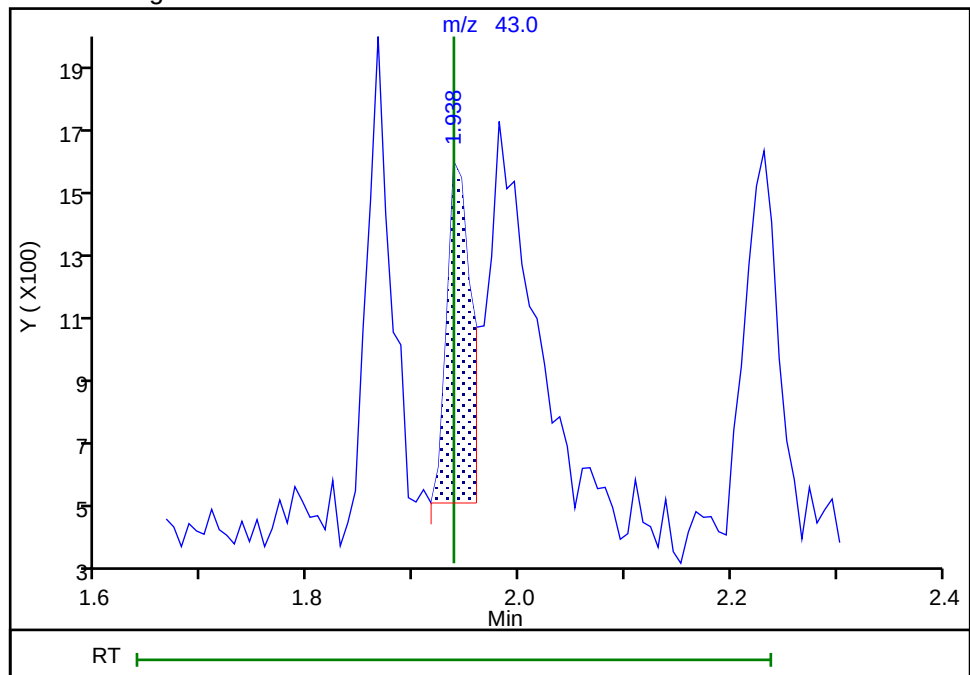
RT: 1.98
Area: 3495
Amount: 4.638339
Amount Units: ug/l

Processing Integration Results



RT: 1.94
Area: 1643
Amount: 0.939129
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:39:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

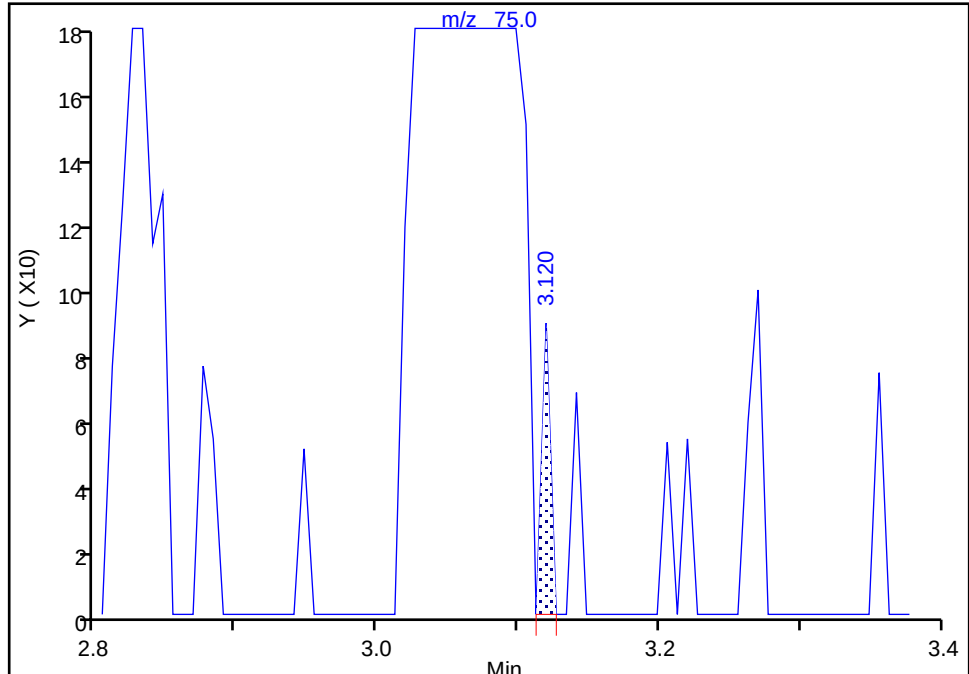
MS SCAN

51 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

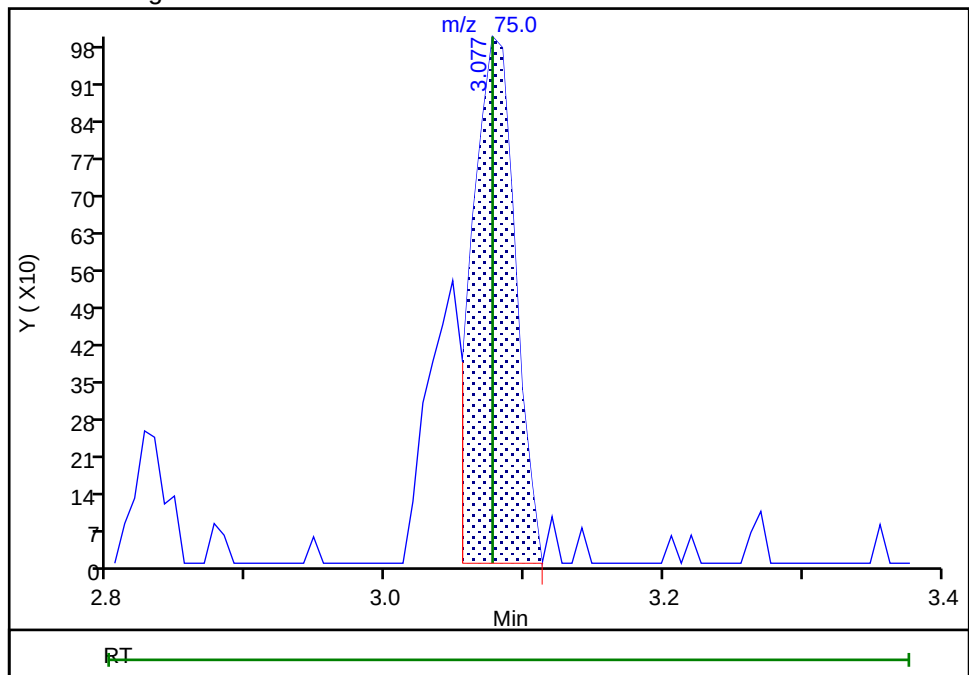
RT: 3.12
Area: 38
Amount: 0.009182
Amount Units: ug/l

Processing Integration Results



RT: 3.08
Area: 2150
Amount: 0.548928
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:40:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

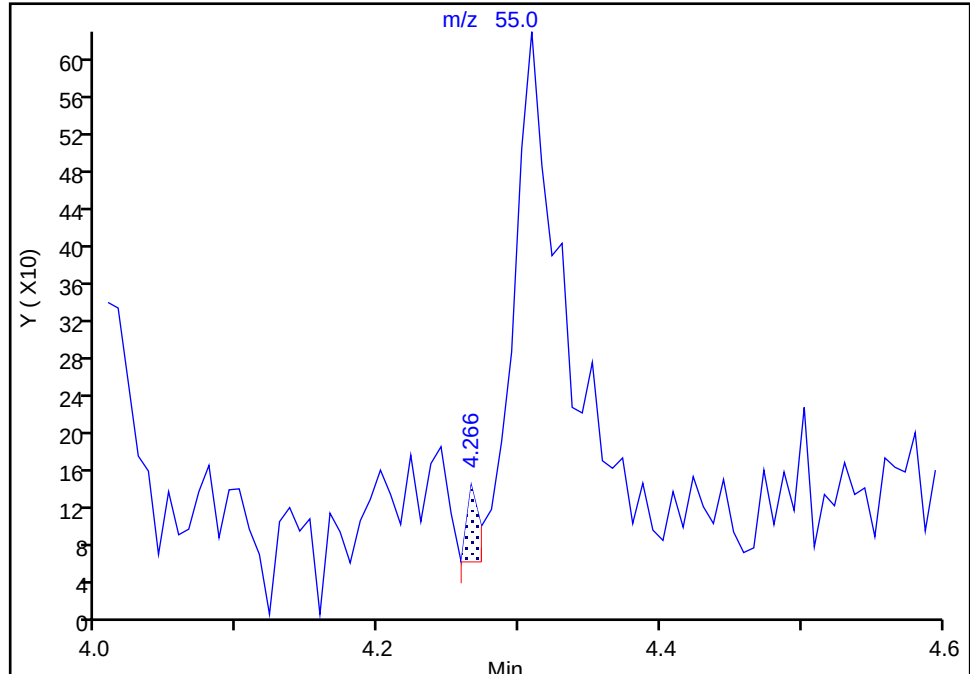
MS SCAN

71 Ethyl acrylate, CAS: 140-88-5

Signal: 1

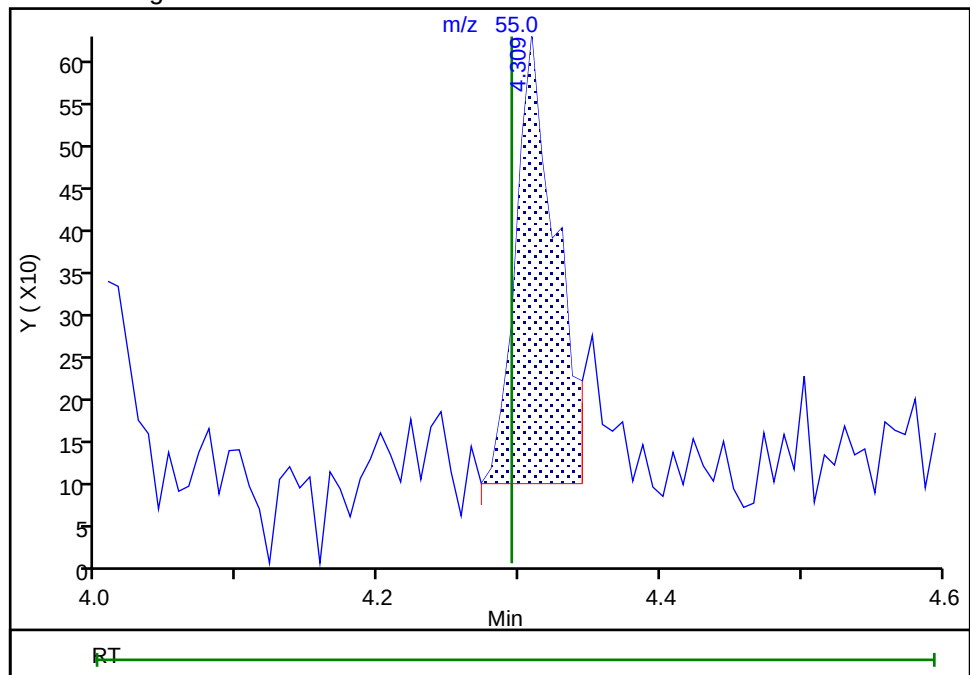
RT: 4.27
Area: 52
Amount: 0.446911
Amount Units: ug/l

Processing Integration Results



RT: 4.31
Area: 1053
Amount: 0.490522
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:41:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

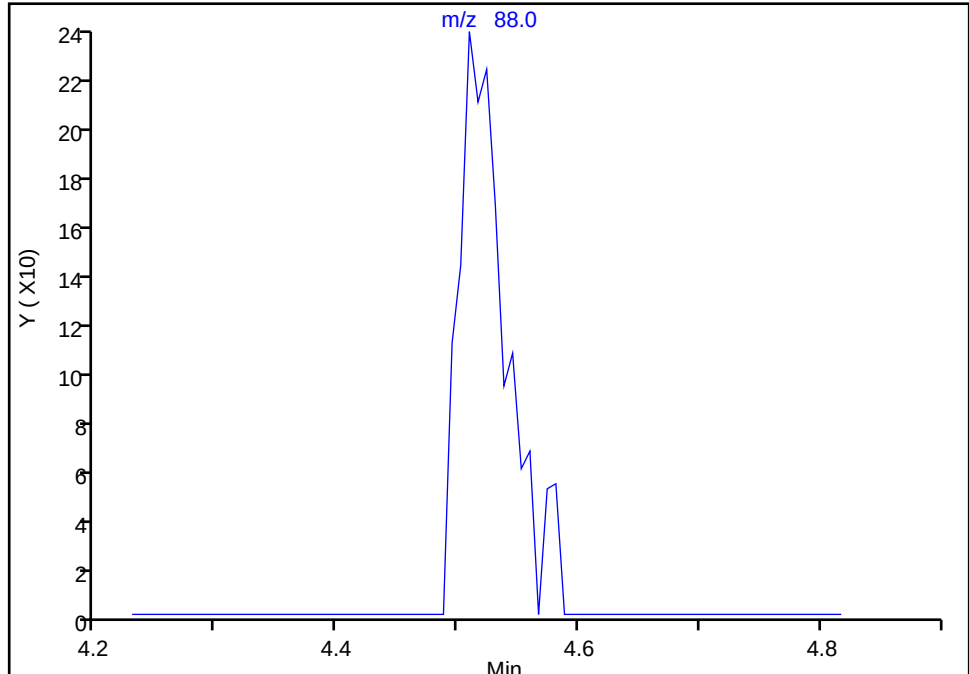
74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

Not Detected

Expected RT: 4.51

Processing Integration Results



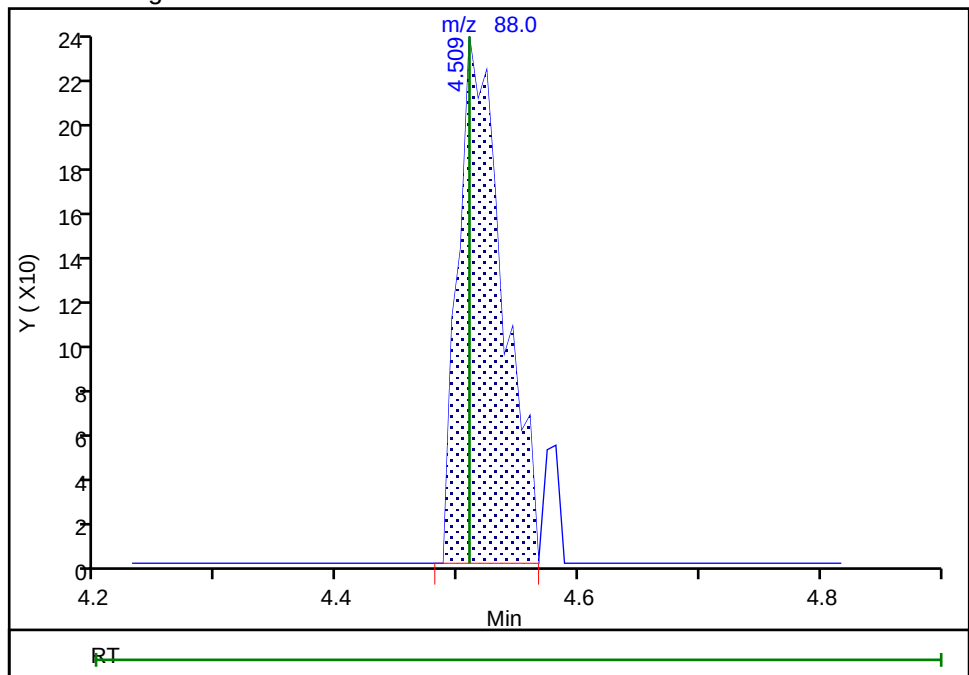
RT: 4.51

Area: 593

Amount: 21.550645

Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:41:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

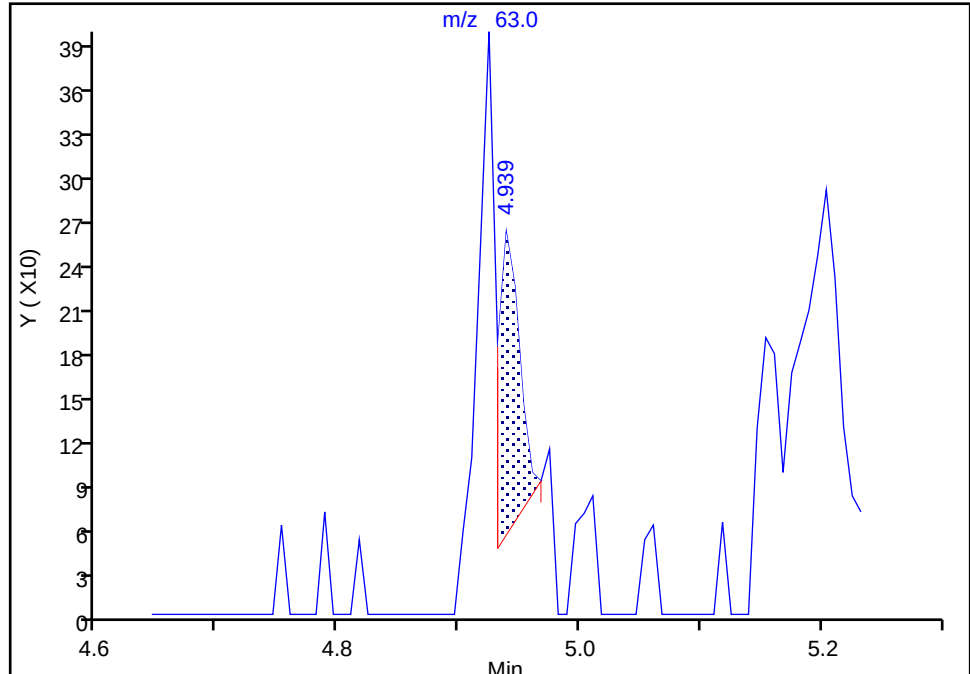
MS SCAN

76 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

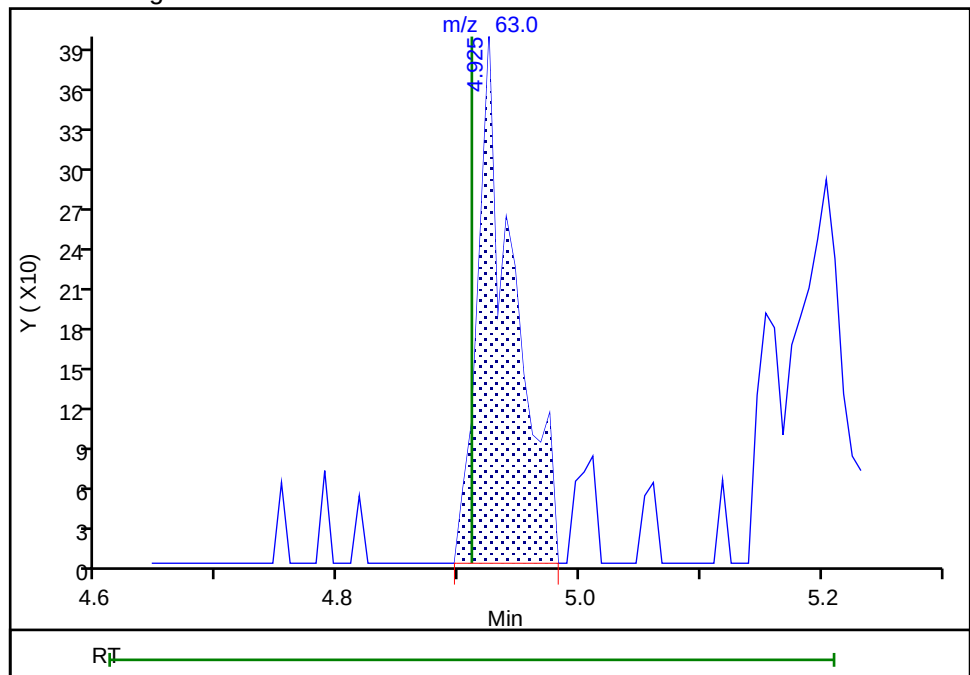
RT: 4.94
Area: 254
Amount: 0.118639
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 827
Amount: 0.437604
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:41:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

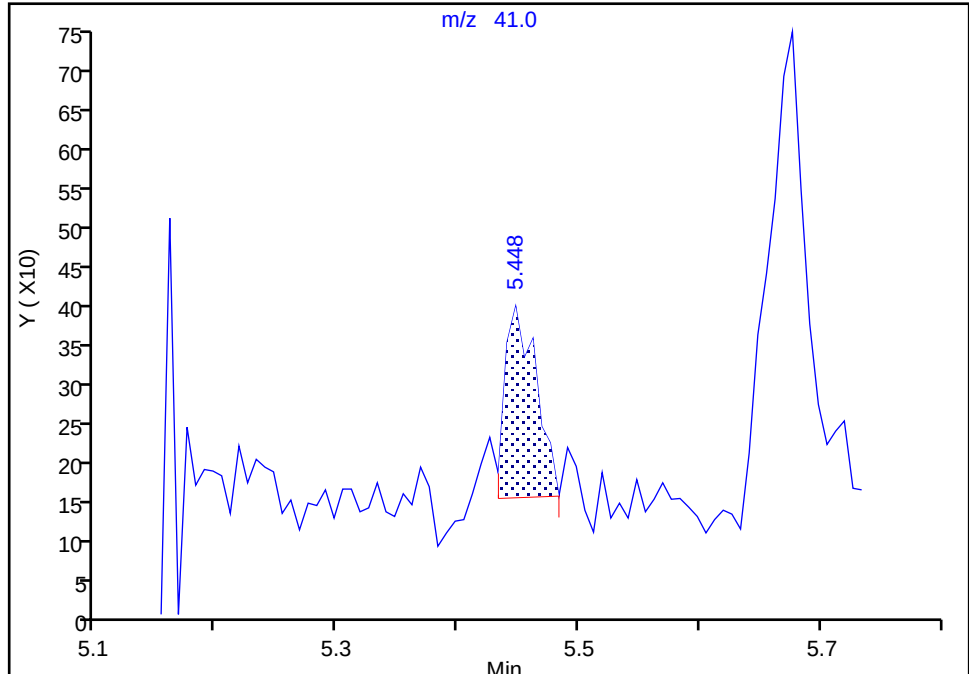
Detector: MS SCAN

81 2-Nitropropane, CAS: 79-46-9

Signal: 1

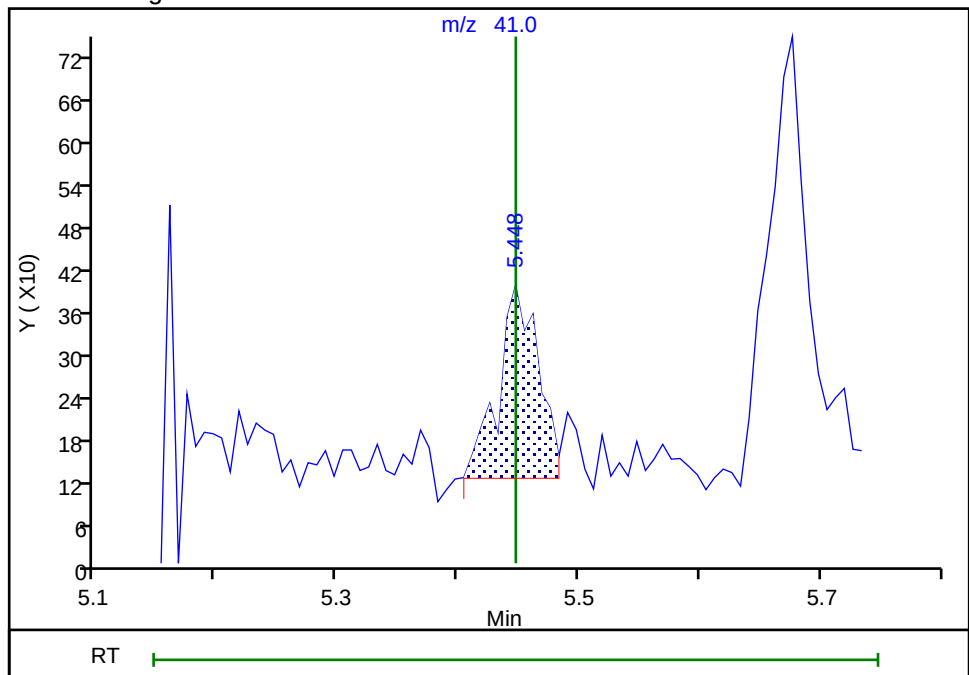
RT: 5.45
Area: 435
Amount: 0.483828
Amount Units: ug/l

Processing Integration Results



RT: 5.45
Area: 628
Amount: 0.797811
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:42:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

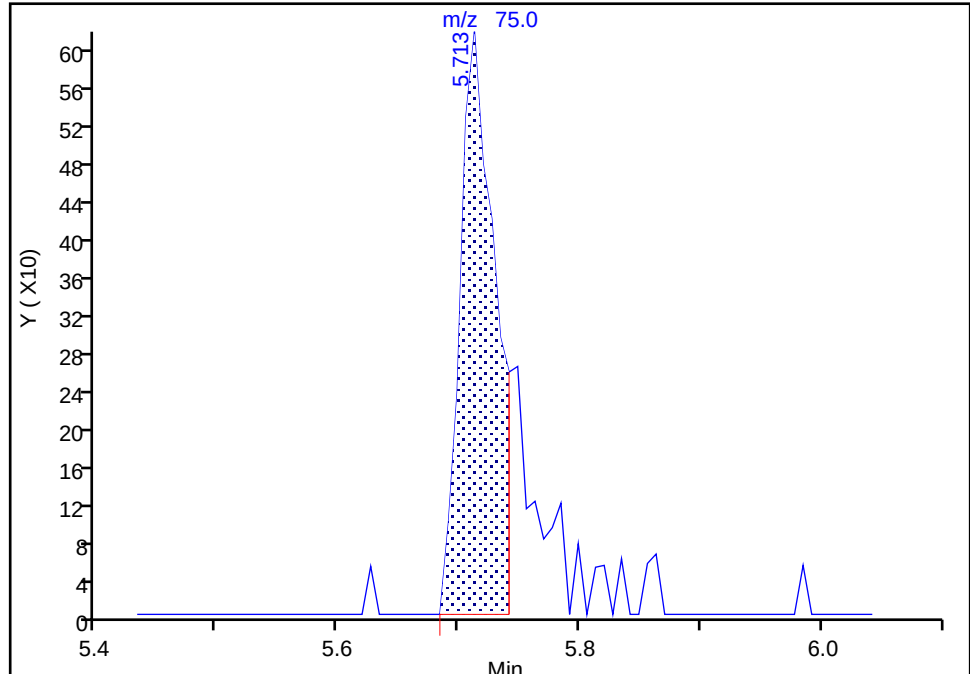
MS SCAN

84 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

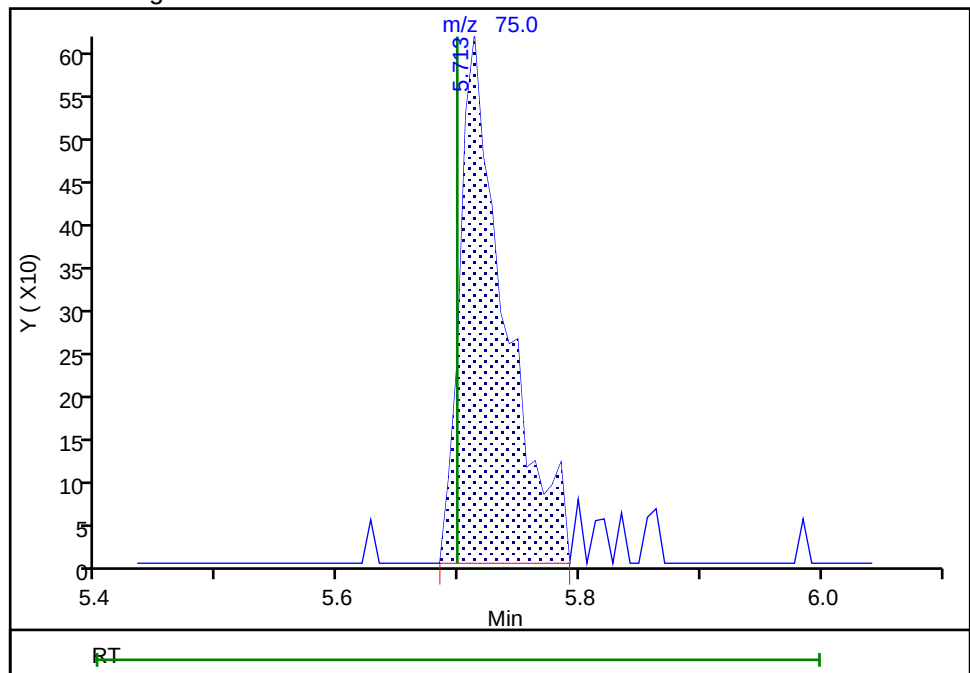
RT: 5.71
Area: 1258
Amount: 0.332143
Amount Units: ug/l

Processing Integration Results



RT: 5.71
Area: 1596
Amount: 0.410907
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:42:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

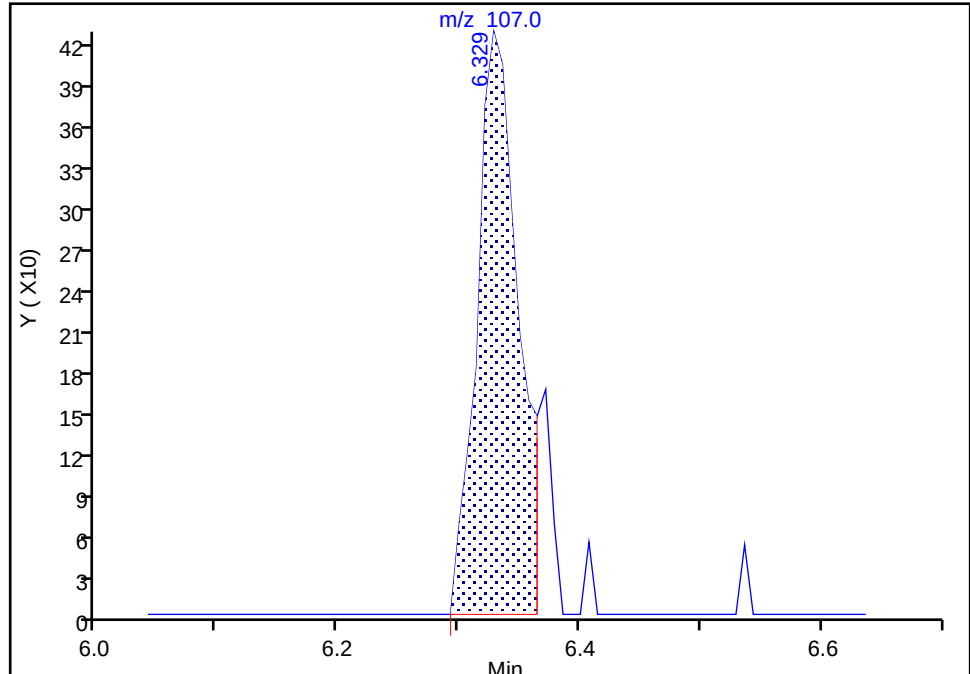
MS SCAN

89 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

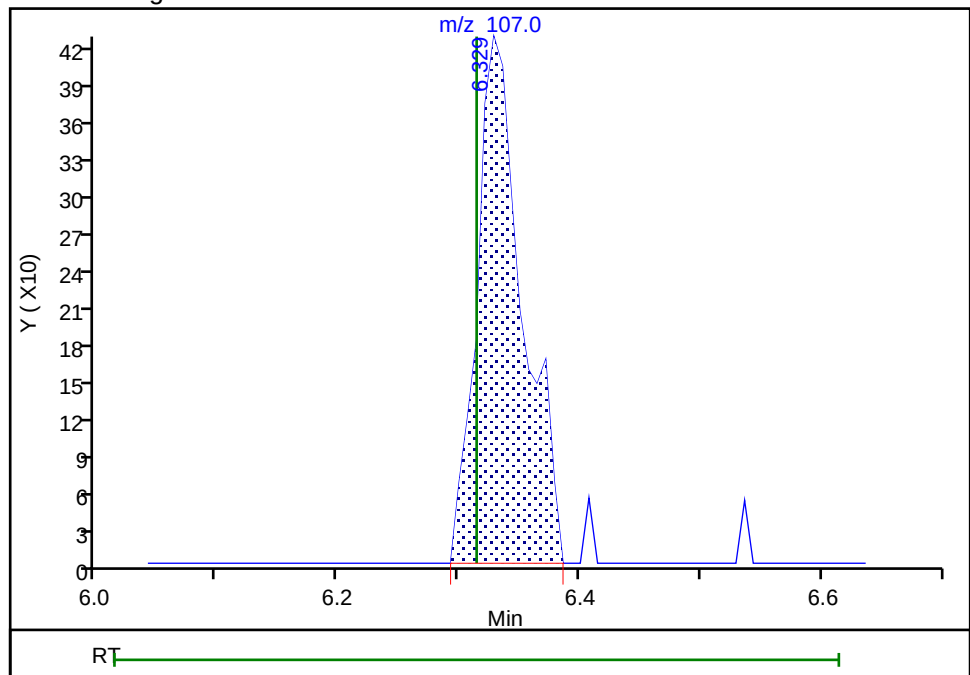
RT: 6.33
Area: 1022
Amount: 0.400139
Amount Units: ug/l

Processing Integration Results



RT: 6.33
Area: 1121
Amount: 0.434092
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:42:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

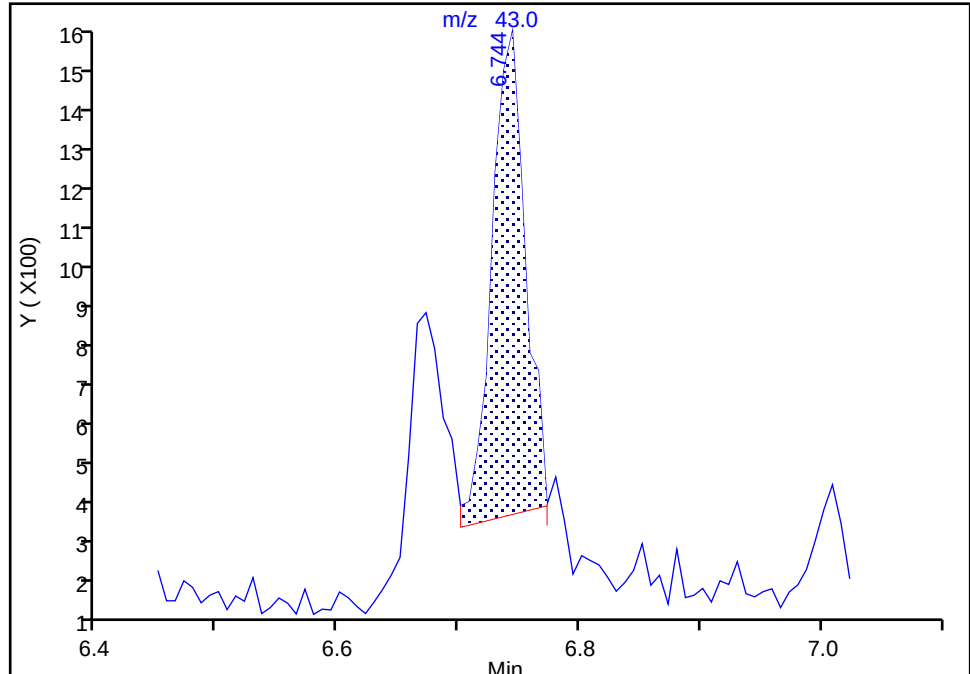
MS SCAN

91 2-Hexanone, CAS: 591-78-6

Signal: 1

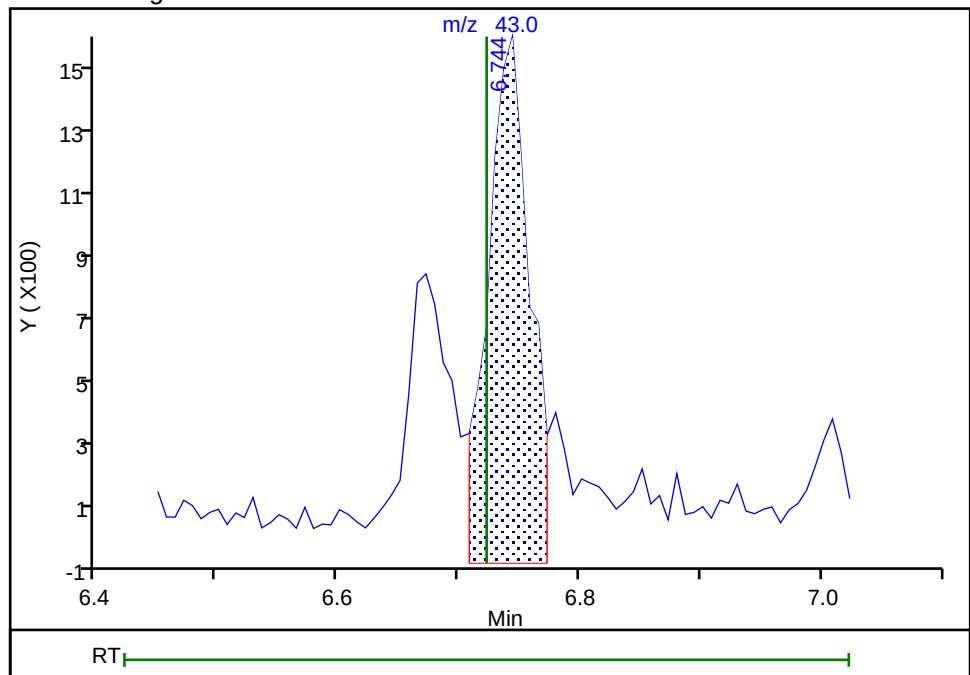
RT: 6.74
Area: 2341
Amount: 1.185064
Amount Units: ug/l

Processing Integration Results



RT: 6.74
Area: 3825
Amount: 2.159858
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 10:18:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

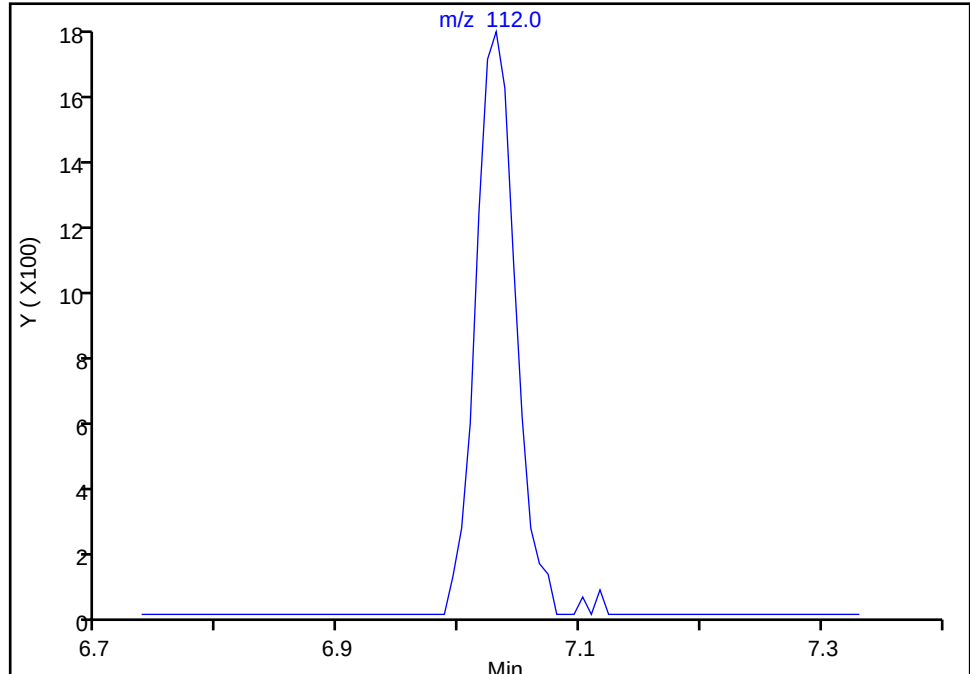
93 Chlorobenzene, CAS: 108-90-7

Signal: 1

Not Detected

Expected RT: 7.03

Processing Integration Results



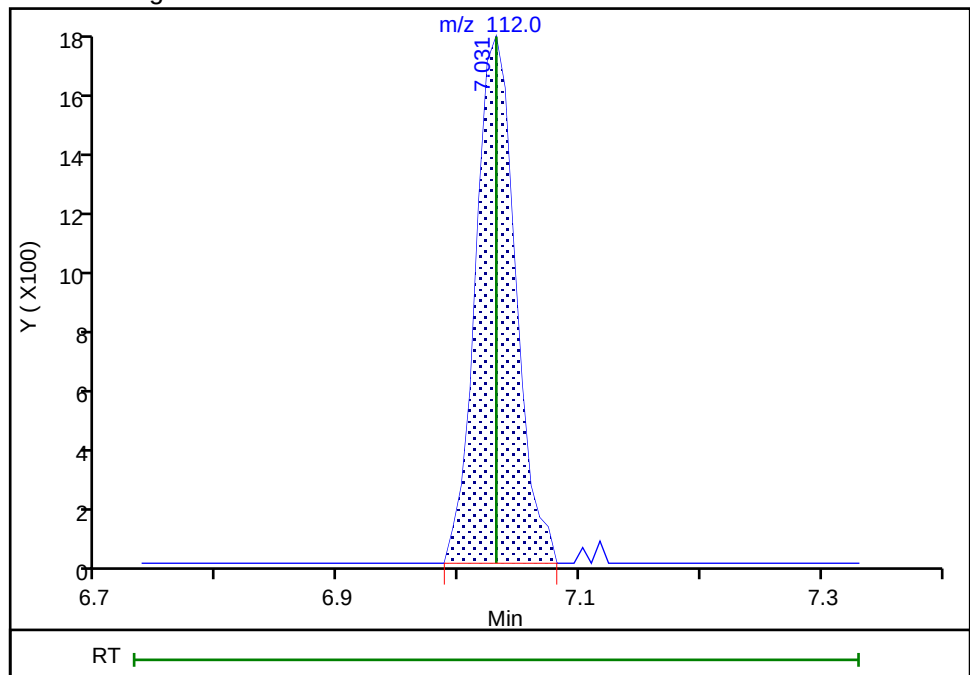
RT: 7.03

Area: 3925

Amount: 0.470775

Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:42:30

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

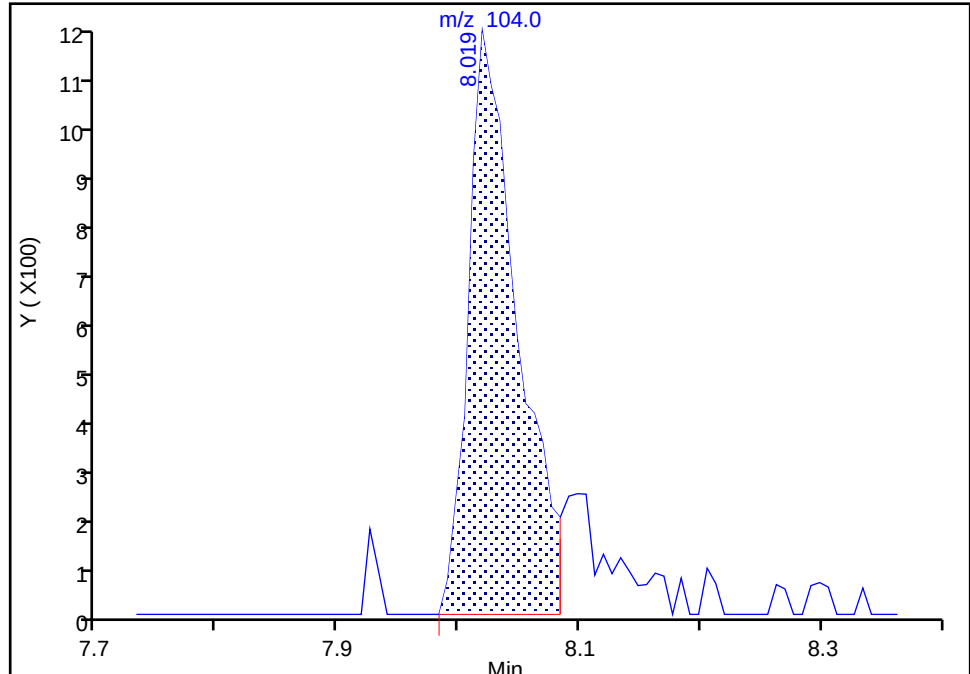
Detector: MS SCAN

99 Styrene, CAS: 100-42-5

Signal: 1

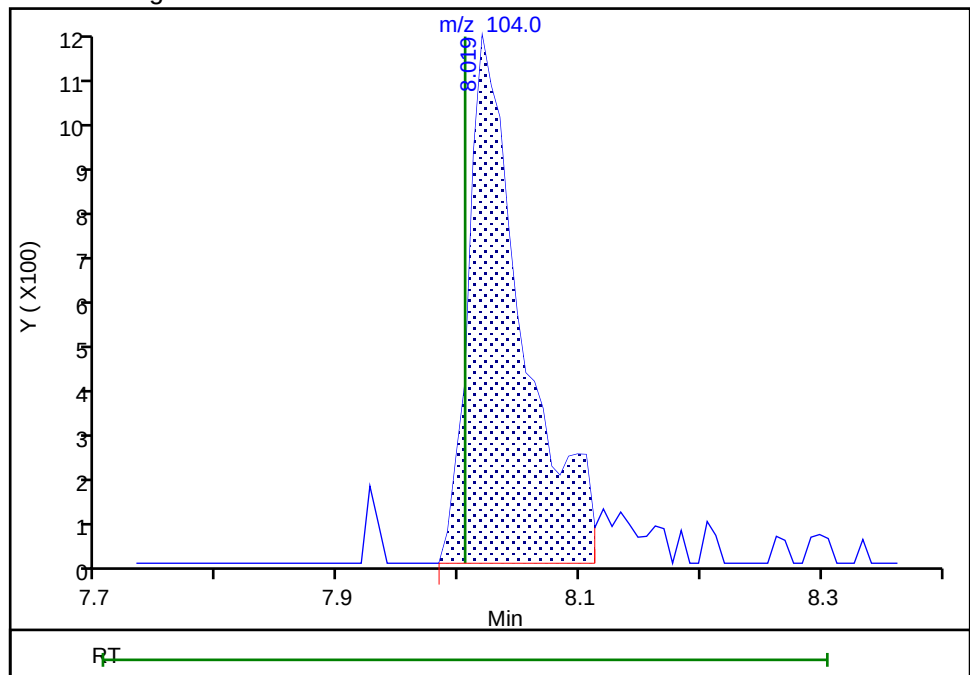
RT: 8.02
Area: 3334
Amount: 0.392155
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 3678
Amount: 0.423073
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:42:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

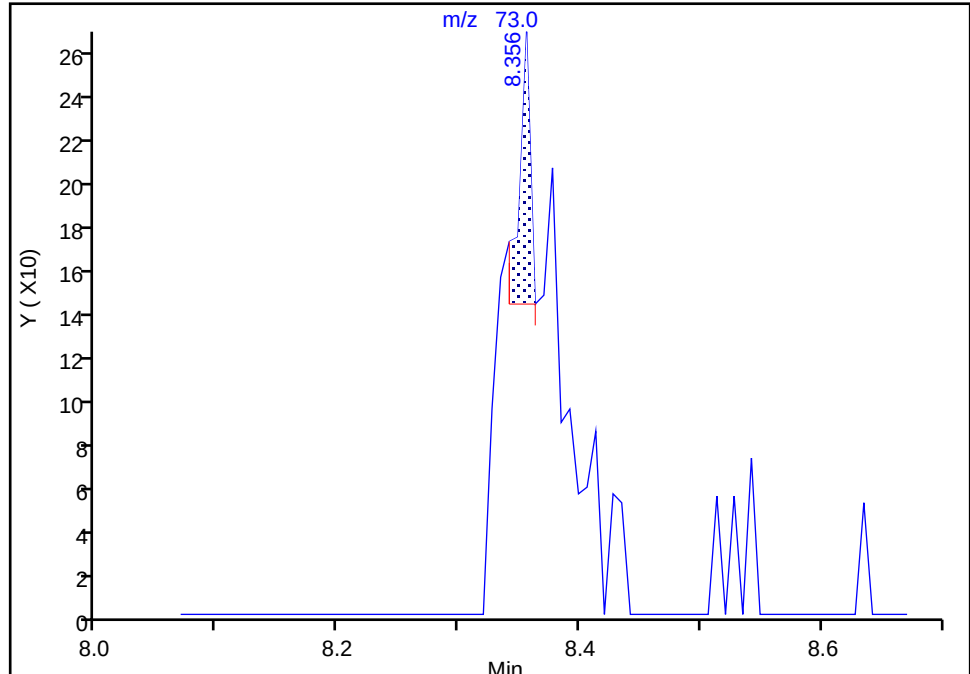
Detector: MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

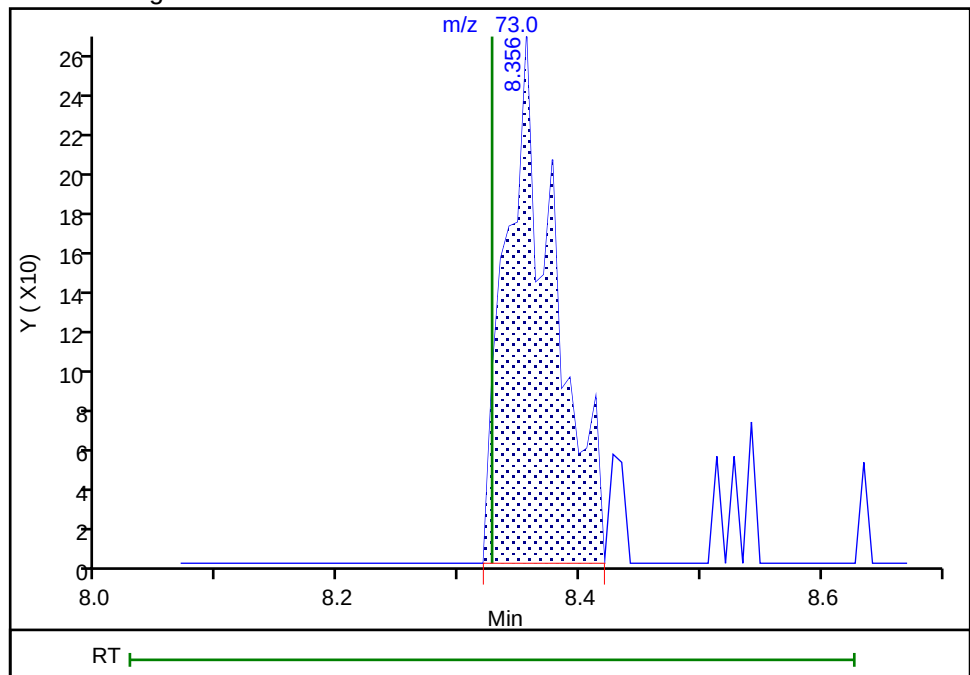
RT: 8.36
Area: 77
Amount: 0.036479
Amount Units: ug/l

Processing Integration Results



RT: 8.36
Area: 728
Amount: 0.410340
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:42:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

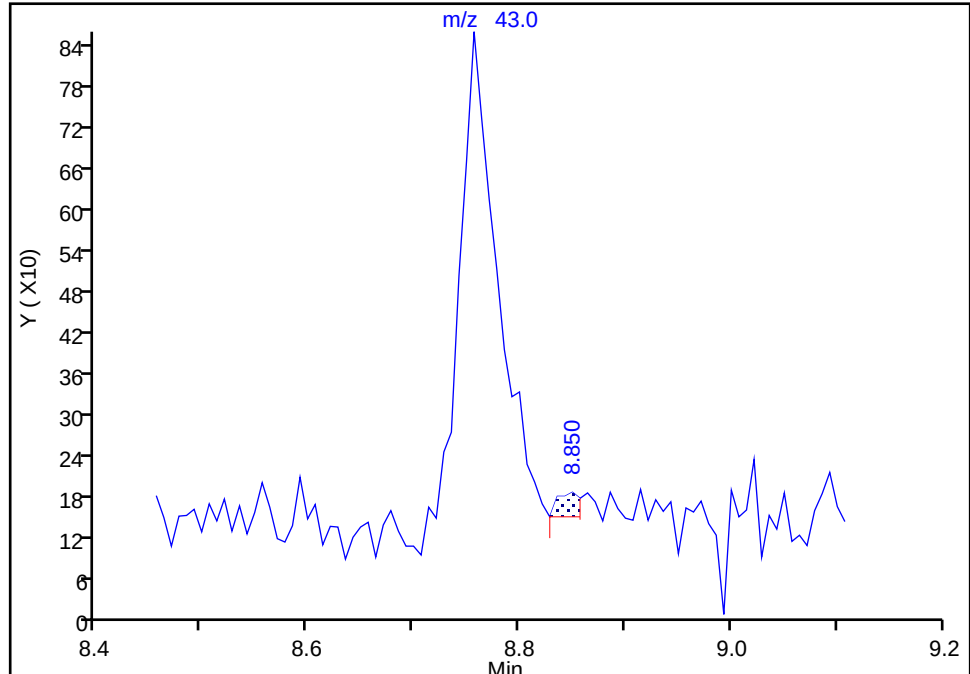
MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

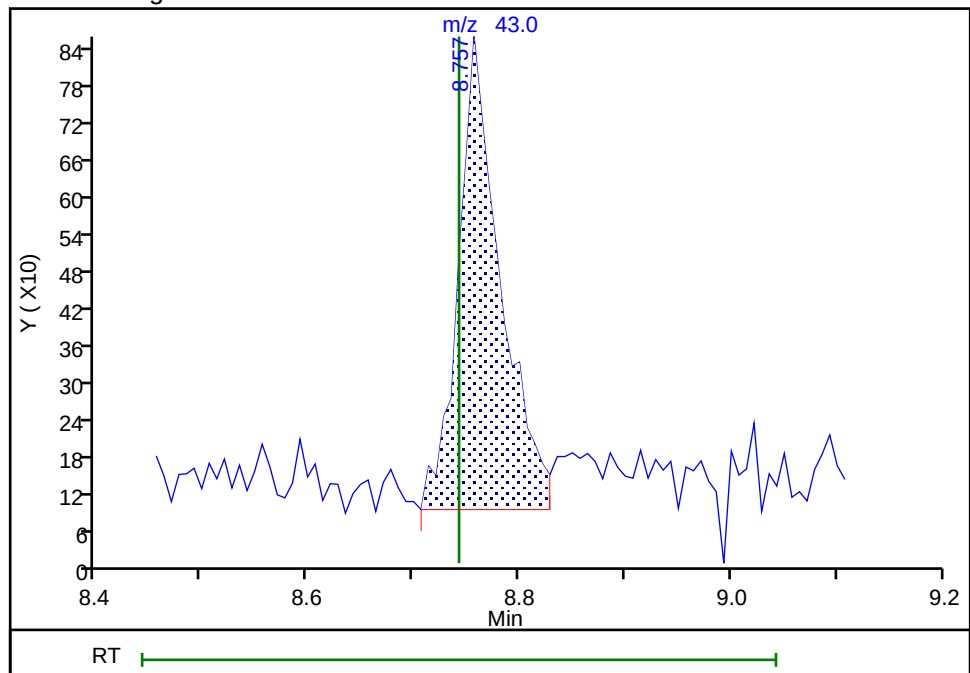
RT: 8.85
Area: 53
Amount: 0.009502
Amount Units: ug/l

Processing Integration Results



RT: 8.76
Area: 2119
Amount: 0.432077
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:42:56

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54134.D

Injection Date: 05-Dec-2018 15:12:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

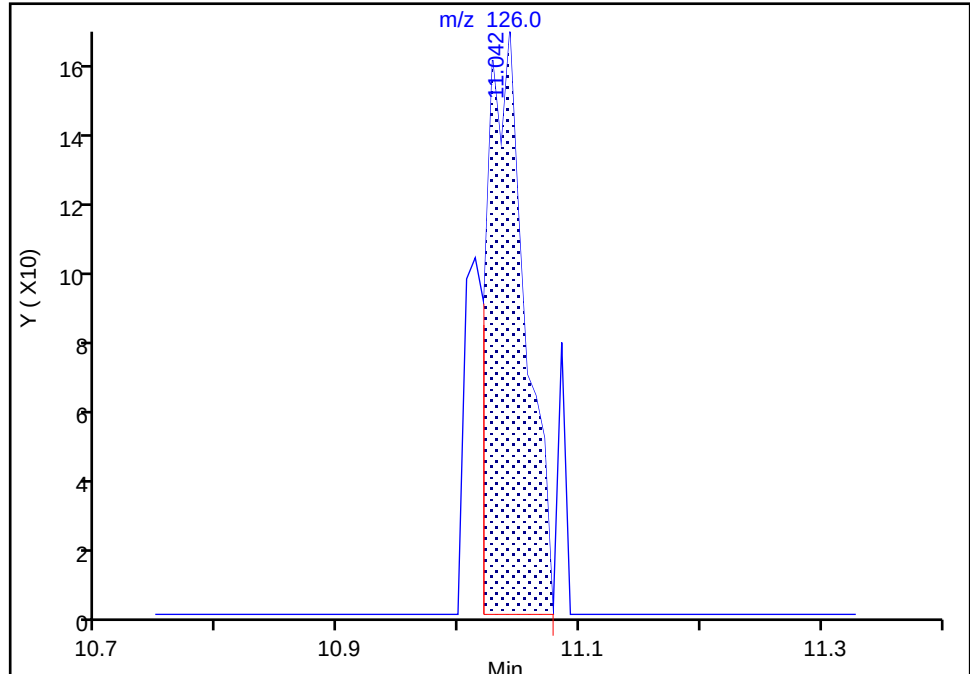
Detector: MS SCAN

123 Benzyl chloride, CAS: 100-44-7

Signal: 1

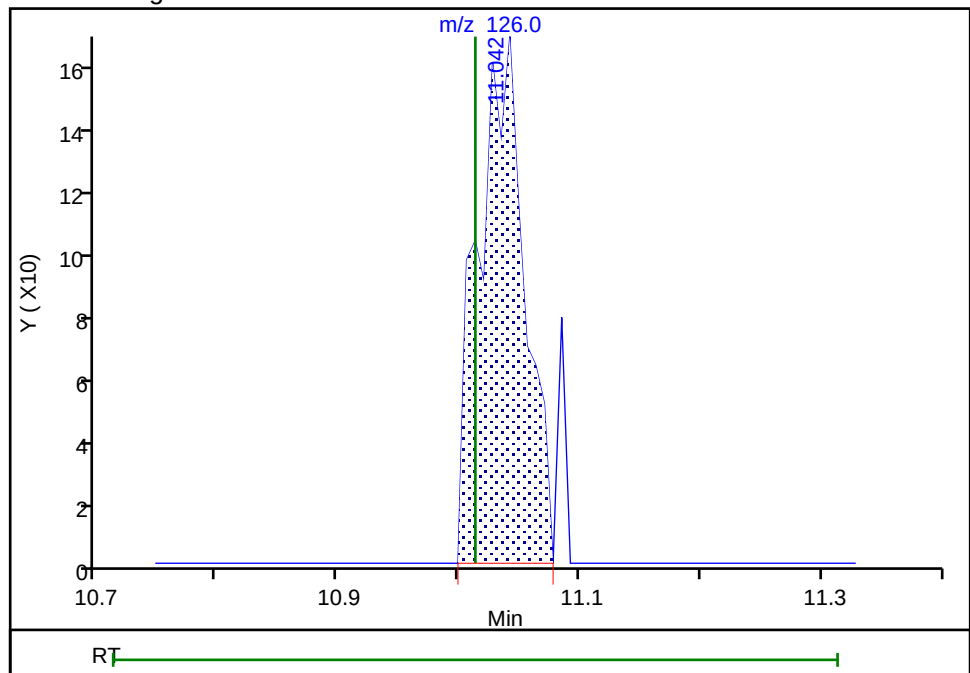
RT: 11.04
Area: 359
Amount: 0.258894
Amount Units: ug/l

Processing Integration Results



RT: 11.04
Area: 443
Amount: 0.389589
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 10:18:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54135.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 05-Dec-2018 15:38:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0083053-005
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-Dec-2018 13:22:19 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0307

First Level Reviewer: pakanatir

Date: 05-Dec-2018 17:02:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.842	0.842	0.000	82	695	1.00	1.19	
2 Dichlorodifluoromethane	85	0.849	0.856	-0.007	98	3047	1.00	1.14	
3 Chloromethane	50	0.964	0.964	0.000	53	2493	1.00	0.8674	
4 Vinyl chloride	62	0.985	0.985	0.000	75	3425	1.00	1.14	
5 Butadiene	54	0.985	0.985	0.000	97	2814	1.00	0.99	
6 Bromomethane	94	1.143	1.136	0.007	95	1378	1.00	0.9454	
7 Chloroethane	64	1.207	1.200	0.007	97	2446	1.00	1.27	
8 Trichlorofluoromethane	101	1.272	1.264	0.008	95	4428	1.00	1.13	
9 Pentane	72	1.265	1.272	-0.007	97	955	2.00	2.53	
10 Dichlorofluoromethane	67	1.308	1.300	0.008	98	5388	1.00	1.11	
11 2-Methyl-1,3-butadiene	67	1.415	1.422	-0.007	95	3785	1.00	1.23	
12 Ethyl ether	59	1.422	1.422	0.000	82	2426	1.00	1.06	
13 Ethanol	46	1.494	1.501	-0.007	95	558	40.0	41.6	M
14 1,1-Dichloroethene	96	1.530	1.522	0.008	96	2839	1.00	1.21	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	81	3597	1.00	1.24	
16 Carbon disulfide	76	1.544	1.544	0.000	100	8797	1.00	1.14	
17 1,1,2-Trichloro-1,2,2-trif	101	1.544	1.551	-0.007	89	2269	1.00	1.12	
19 Cyclopentene	67	1.687	1.687	0.000	95	5968	1.00	1.09	
20 Acrolein	56	1.701	1.701	0.000	94	1377	4.00	3.79	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	87	1706	1.00	1.15	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	1825	10.0	11.2	
23 Methylene Chloride	84	1.845	1.845	0.000	97	3269	1.00	1.15	
24 Acetone	43	1.866	1.859	0.007	83	4932	5.00	5.93	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	96	3160	1.00	1.13	
26 Methyl acetate	43	1.938	1.938	0.000	72	3743	2.00	2.18	
27 Hexane	86	1.974	1.981	-0.007	65	761	1.00	1.08	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	89	8636	1.00	1.09	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	179052	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.052	2.060	-0.008	96	3176	10.0	12.1	
31 Acetonitrile	41	2.138	2.131	0.007	98	3448	10.0	10.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.224	2.224	0.000	95	11186	1.00	1.07	
33 2-Chloro-1,3-butadiene	88	2.289	2.282	0.007	95	2735	1.00	1.13	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	5802	1.00	1.11	
35 Acrylonitrile	53	2.332	2.325	0.007	93	10627	10.0	10.5	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	89	10401	1.00	1.09	
37 Vinyl acetate	43	2.468	2.468	0.000	100	14224	2.00	2.03	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	96	3463	1.00	1.11	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	94	4727	1.00	1.13	
41 Chlorobromomethane	128	2.790	2.783	0.007	89	1701	1.00	1.10	
40 Cyclohexane	56	2.776	2.783	-0.007	93	5015	1.00	1.16	
42 Chloroform	83	2.848	2.847	0.001	96	5435	1.00	1.14	
43 Carbon tetrachloride	117	2.926	2.933	-0.007	93	3901	1.00	1.07	
44 Ethyl acetate	70	2.955	2.948	0.007	95	819	2.00	2.50	
45 Methyl acrylate	55	2.948	2.948	0.000	52	2140	1.00	0.9335	
46 Tetrahydrofuran	42	2.955	2.955	0.000	39	2712	2.00	2.40	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.976	0.000	96	97069	50.0	49.8	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	97	4819	1.00	1.12	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	226665	250.0	250.0	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	81	4261	1.00	1.10	a
50 2-Butanone (MEK)	72	3.077	3.077	0.000	95	1809	5.00	5.82	
52 Isooctane	57	3.177	3.170	0.007	97	9673	1.00	1.15	
53 n-Heptane	57	3.263	3.263	0.000	55	2513	1.00	1.23	
54 Benzene	78	3.270	3.270	0.000	96	12280	1.00	1.10	
55 Propionitrile	54	3.292	3.284	0.008	98	3771	10.0	10.3	
56 Methacrylonitrile	67	3.306	3.306	0.000	93	10544	10.0	10.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.370	0.000	0	114660	50.0	51.1	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	40	8659	1.00	1.07	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	96	5115	1.00	1.18	
60 Isobutyl alcohol	43	3.507	3.506	0.001	95	2827	25.0	26.7	
61 t-Amyl alcohol	59	3.578	3.571	0.007	90	1783	10.0	9.67	a
* 62 Fluorobenzene	96	3.614	3.614	0.000	99	439025	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.678	0.000	96	6128	1.00	1.11	
64 Methylcyclohexane	83	3.743	3.743	0.000	93	4995	1.00	1.18	
65 Trichloroethene	130	3.757	3.757	0.000	95	3469	1.00	1.07	
66 2-ethoxy-2-methyl butane	59	4.008	4.001	0.007	92	8317	1.00	1.08	
67 Dibromomethane	93	4.137	4.130	0.007	96	2019	1.00	1.11	
68 n-Butanol	56	4.158	4.137	0.021	82	1094	25.0	24.7	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	88	3280	1.00	1.08	
71 Ethyl acrylate	55	4.309	4.294	0.015	71	3077	1.00	1.04	
70 Dichlorobromomethane	83	4.302	4.302	0.000	96	3560	1.00	0.9670	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	19872	1000.0	1000.0	
73 Methyl methacrylate	100	4.502	4.495	0.007	94	1581	2.00	2.34	
74 1,4-Dioxane	88	4.509	4.509	0.000	35	1446	50.0	53.6	
75 n-Propyl acetate	43	4.660	4.653	0.007	99	3589	1.00	0.9556	
76 2-Chloroethyl vinyl ether	63	4.918	4.910	0.008	94	1736	1.00	0.9283	
77 cis-1,3-Dichloropropene	75	4.954	4.946	0.008	98	4341	1.00	0.9840	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	395902	50.0	50.6	
79 Toluene	91	5.197	5.197	0.000	92	13586	1.00	1.09	
80 Epichlorohydrin	57	5.240	5.226	0.014	95	5233	20.0	20.8	
81 2-Nitropropane	41	5.455	5.448	0.007	98	1608	2.00	2.06	
82 Tetrachloroethene	166	5.627	5.627	0.000	90	3289	1.00	1.05	
83 4-Methyl-2-pentanone (MIBK	43	5.670	5.663	0.007	98	13571	5.00	5.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.713	5.698	0.015	93	3566	1.00	0.9133	
85 1,1,2-Trichloroethane	83	5.878	5.870	0.008	91	2191	1.00	1.07	
86 Ethyl methacrylate	69	5.956	5.949	0.007	93	3448	1.00	1.03	
87 Chlorodibromomethane	129	6.078	6.071	0.007	95	2609	1.00	0.9064	
88 1,3-Dichloropropane	76	6.193	6.185	0.008	98	4188	1.00	1.02	
89 Ethylene Dibromide	107	6.322	6.314	0.008	99	2761	1.00	1.06	
90 n-Butyl acetate	43	6.665	6.658	0.007	98	3981	1.00	0.9327	
91 2-Hexanone	43	6.730	6.723	0.007	98	7738	5.00	4.43	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	366612	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	96	9232	1.00	1.10	
94 Ethylbenzene	106	7.117	7.109	0.008	98	5322	1.00	1.14	
95 1,1,1,2-Tetrachloroethane	131	7.145	7.138	0.007	89	2966	1.00	1.02	
96 m-Xylene & p-Xylene	106	7.339	7.332	0.007	0	5898	1.00	1.04	
97 o-Xylene	106	7.919	7.919	0.000	94	5975	1.00	1.10	
98 Bromoform	173	7.983	7.983	0.000	91	1415	1.00	1.00	
99 Styrene	104	8.019	8.005	0.014	96	8583	1.00	0.9821	M
100 n-Butyl acrylate	73	8.334	8.327	0.007	94	1541	1.00	0.8640	M
101 Isopropylbenzene	105	8.406	8.399	0.007	96	15410	1.00	1.08	
102 Amyl acetate (mixed isomer	43	8.750	8.743	0.007	37	4209	1.00	0.8662	a
\$ 103 4-Bromofluorobenzene	174	8.779	8.778	0.001	90	127130	50.0	49.4	
104 Bromobenzene	156	8.886	8.886	0.000	95	4042	1.00	1.12	
105 N-Propylbenzene	91	9.036	9.036	0.000	98	18362	1.00	1.15	
106 1,1,2,2-Tetrachloroethane	83	9.194	9.180	0.014	92	3189	1.00	1.10	
107 2-Chlorotoluene	91	9.223	9.208	0.015	97	11799	1.00	1.07	
108 4-Ethyltoluene	105	9.230	9.230	0.000	98	16175	1.00	1.12	
109 1,2,3-Trichloropropane	110	9.323	9.316	0.007	94	1079	1.00	1.13	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	92	13128	1.00	1.11	
111 trans-1,4-Dichloro-2-buten	53	9.481	9.445	0.036	59	1126	1.00	1.23	Ma
112 4-Chlorotoluene	91	9.488	9.480	0.008	98	11121	1.00	1.10	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	11462	1.00	1.10	
114 1,2,4-Trimethylbenzene	105	9.989	9.982	0.007	96	13395	1.00	1.08	
115 Butyl Methacrylate	87	9.989	9.982	0.007	44	2462	1.00	0.9627	
116 sec-Butylbenzene	105	10.140	10.139	0.001	99	16489	1.00	1.11	
117 1,3-Dichlorobenzene	146	10.412	10.404	0.008	95	7652	1.00	1.06	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	98	14786	1.00	1.09	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.533	0.008	96	206391	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.562	0.000	91	8255	1.00	1.10	
121 1,2,3-Trimethylbenzene	105	10.670	10.662	0.008	98	14043	1.00	1.09	
122 2,3-Dihydroindene	117	10.842	10.841	0.001	92	14228	1.00	1.10	
123 Benzyl chloride	126	11.028	11.013	0.015	78	931	1.00	0.8263	
124 p-Diethylbenzene	119	11.035	11.035	0.000	89	7581	1.00	1.07	
125 n-Butylbenzene	91	11.121	11.114	0.007	98	11683	1.00	1.06	
126 1,2-Dichlorobenzene	146	11.228	11.221	0.007	95	7453	1.00	1.09	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	98	11840	1.00	0.9872	
128 1,2-Dibromo-3-Chloropropan	157	12.296	12.288	0.008	83	466	1.00	0.8169	
129 1,3,5-Trichlorobenzene	180	12.346	12.339	0.008	95	5527	1.00	1.07	
130 1,2,4-Trichlorobenzene	180	13.019	13.012	0.007	94	4661	1.00	1.03	
131 Hexachlorobutadiene	225	13.019	13.026	-0.007	84	2303	1.00	1.08	
132 Naphthalene	128	13.320	13.306	0.014	98	7696	1.00	0.9020	
133 1,2,3-Trichlorobenzene	180	13.485	13.477	0.008	95	4287	1.00	1.06	
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.24	
S 135 1,3-Dichloropropene, Total	100				0		2.00	1.90	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		2.00	2.14	
S 137 Total BTEX	1				0		5.00	5.47	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00083	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 10.00	Units: uL	
GASES Li_00288	Amount Added: 10.00	Units: uL	
14DIOXINTER_00093	Amount Added: 30.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54135.D

Injection Date: 05-Dec-2018 15:38:30

Instrument ID: CVOAMS13

Lims ID: STD1

Operator ID:

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

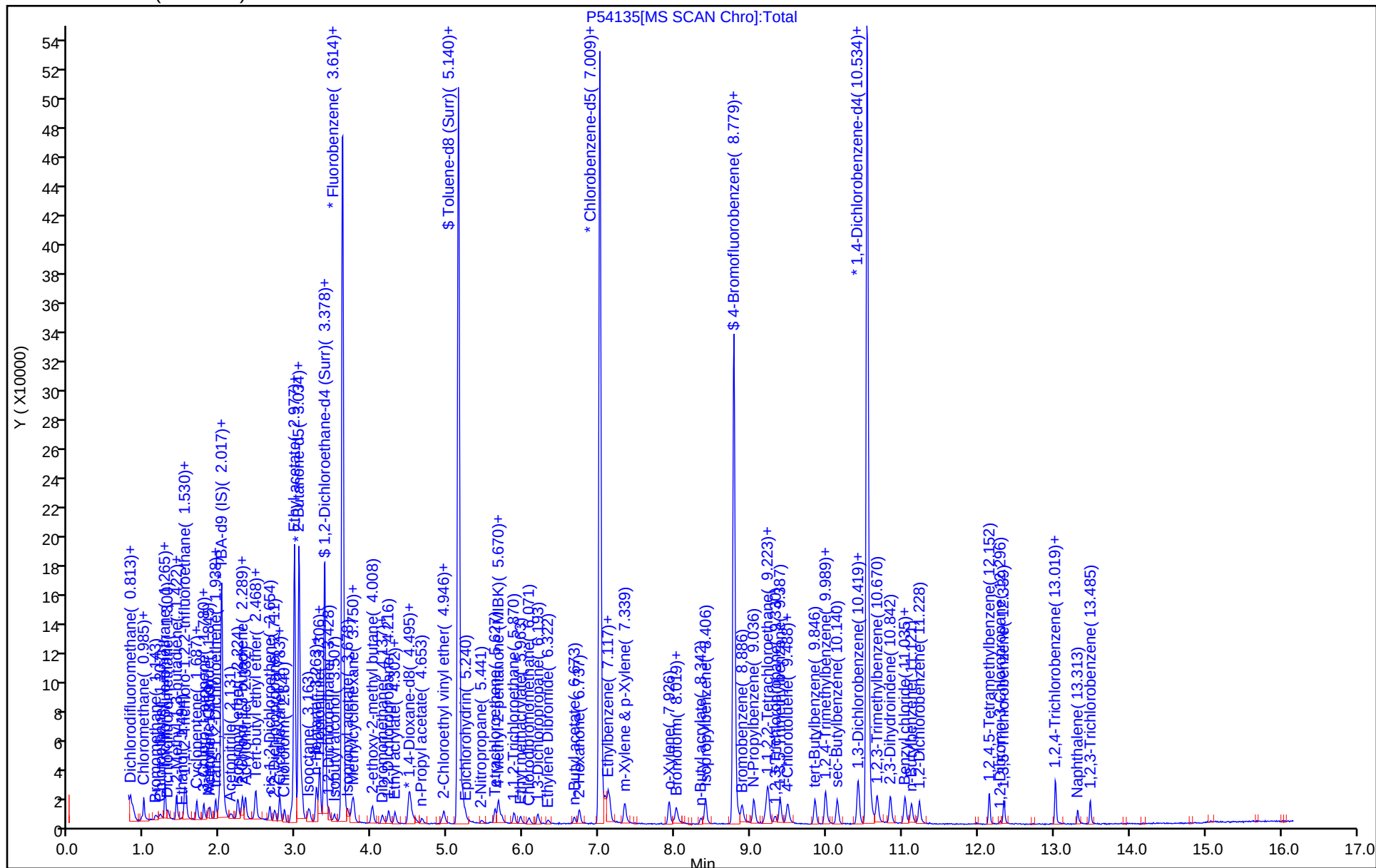
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54135.D

Injection Date: 05-Dec-2018 15:38:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

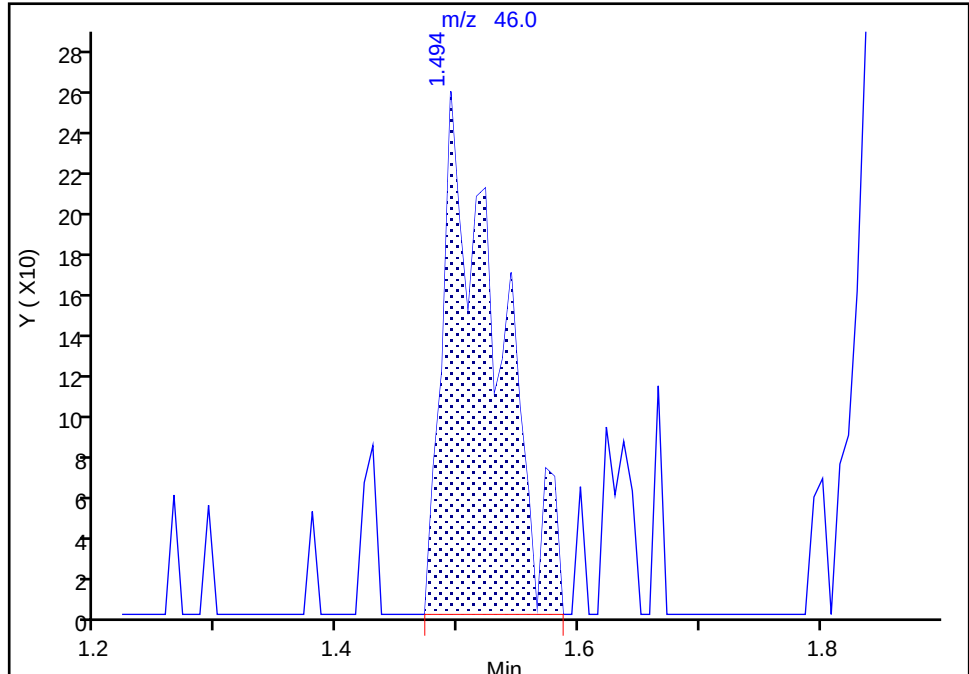
Detector: MS SCAN

13 Ethanol, CAS: 64-17-5

Signal: 1

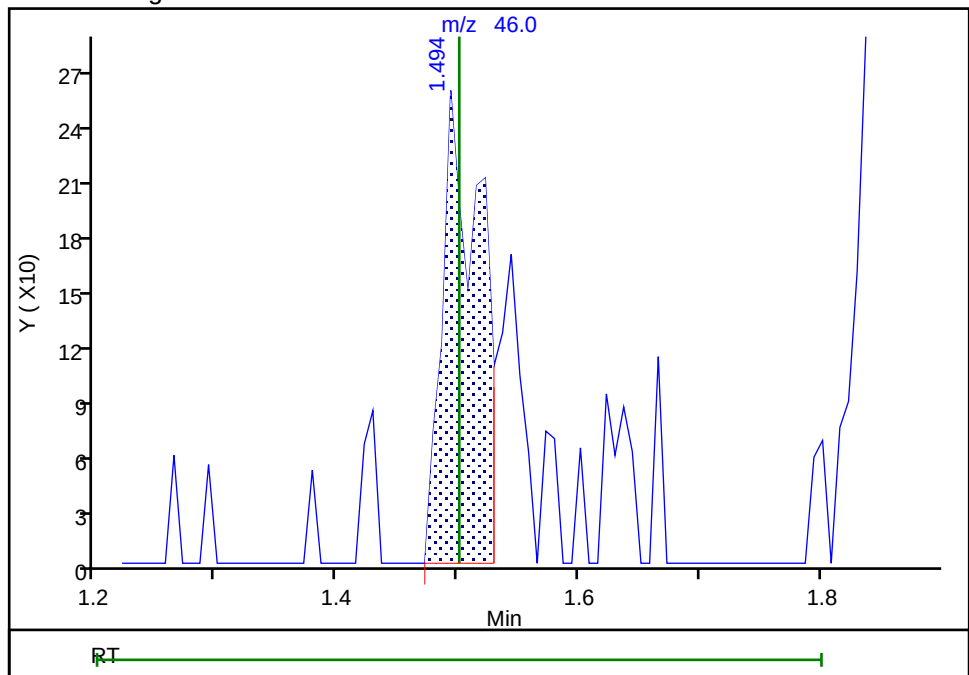
RT: 1.49
Area: 811
Amount: 56.602131
Amount Units: ug/l

Processing Integration Results



RT: 1.49
Area: 558
Amount: 41.565760
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 10:20:34

Audit Action: Split an Integrated Peak

Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54135.D

Injection Date: 05-Dec-2018 15:38:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

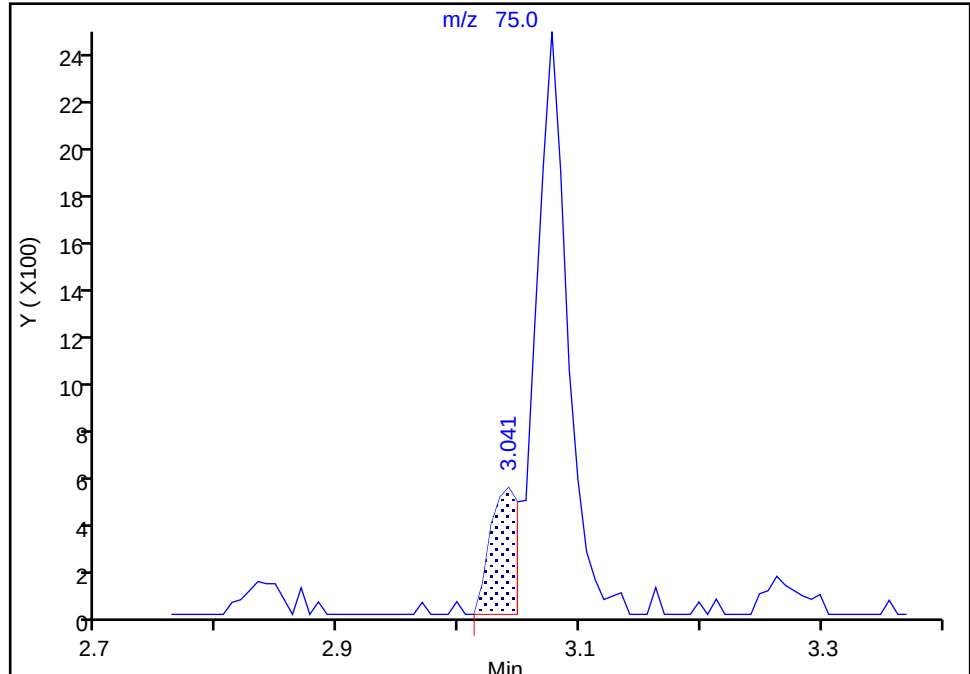
MS SCAN

51 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

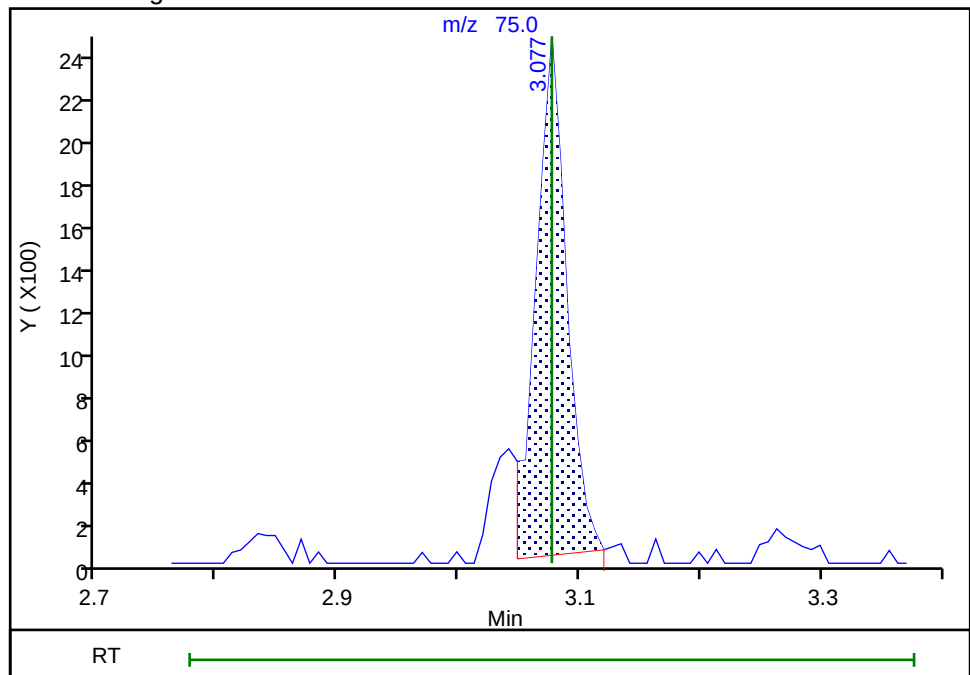
RT: 3.04
Area: 859
Amount: 0.209750
Amount Units: ug/l

Processing Integration Results



RT: 3.08
Area: 4261
Amount: 1.099359
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:44:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54135.D

Injection Date: 05-Dec-2018 15:38:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

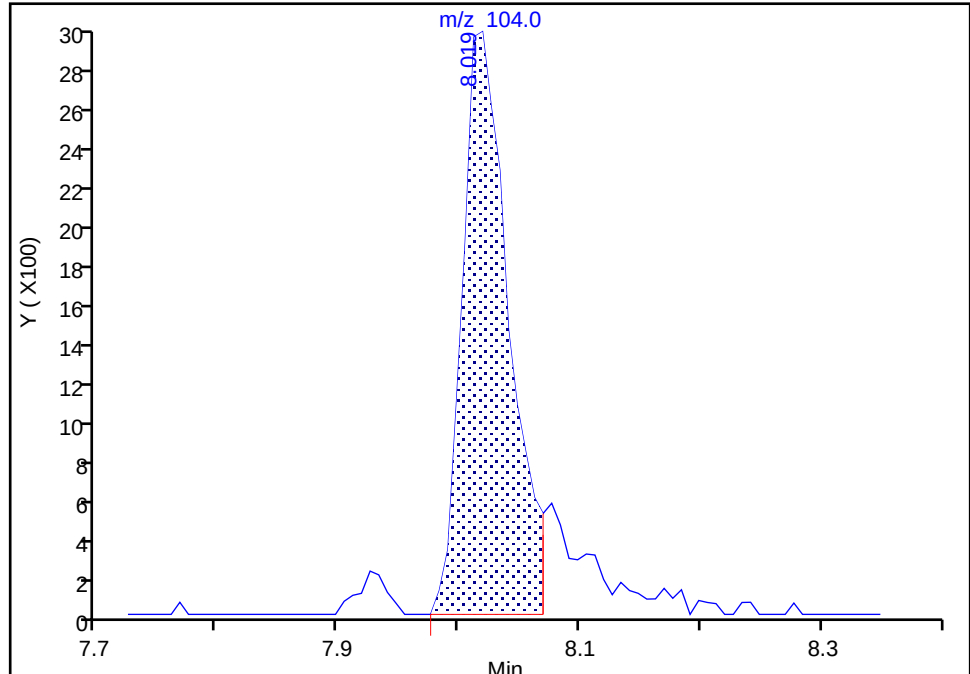
Detector: MS SCAN

99 Styrene, CAS: 100-42-5

Signal: 1

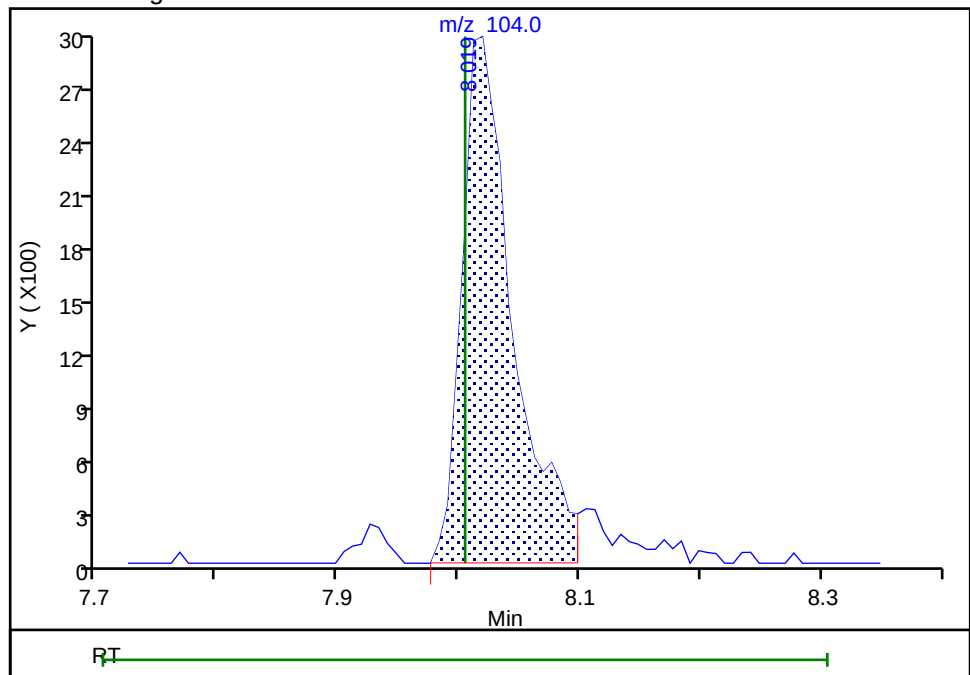
RT: 8.02
Area: 7925
Amount: 0.916640
Amount Units: ug/l

Processing Integration Results



RT: 8.02
Area: 8583
Amount: 0.982069
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:45:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54135.D

Injection Date: 05-Dec-2018 15:38:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

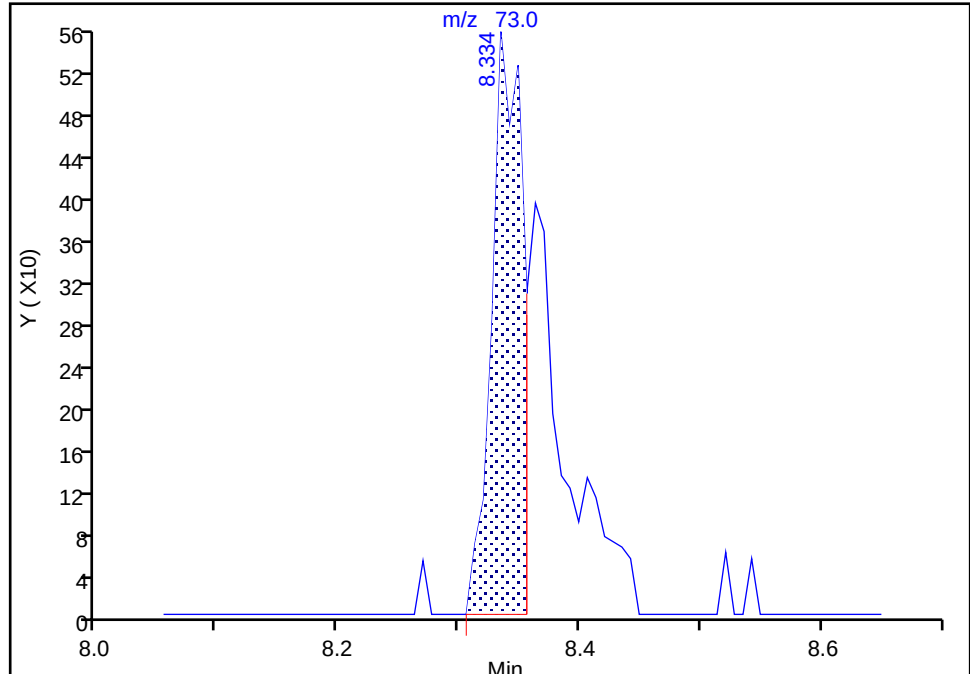
MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

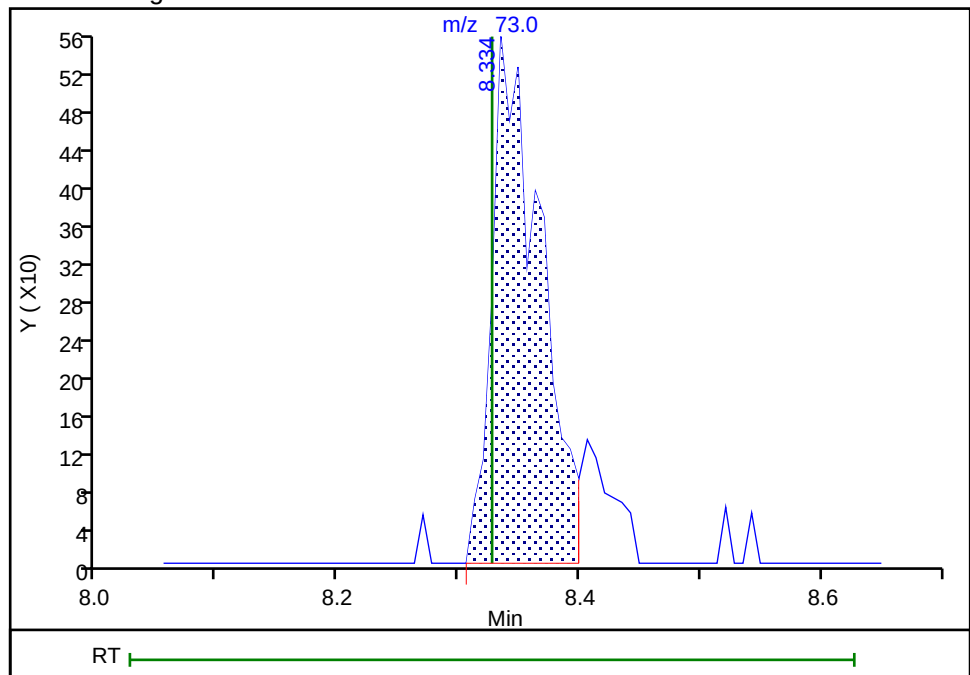
RT: 8.33
Area: 988
Amount: 0.465610
Amount Units: ug/l

Processing Integration Results



RT: 8.33
Area: 1541
Amount: 0.864001
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:45:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54135.D

Injection Date: 05-Dec-2018 15:38:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

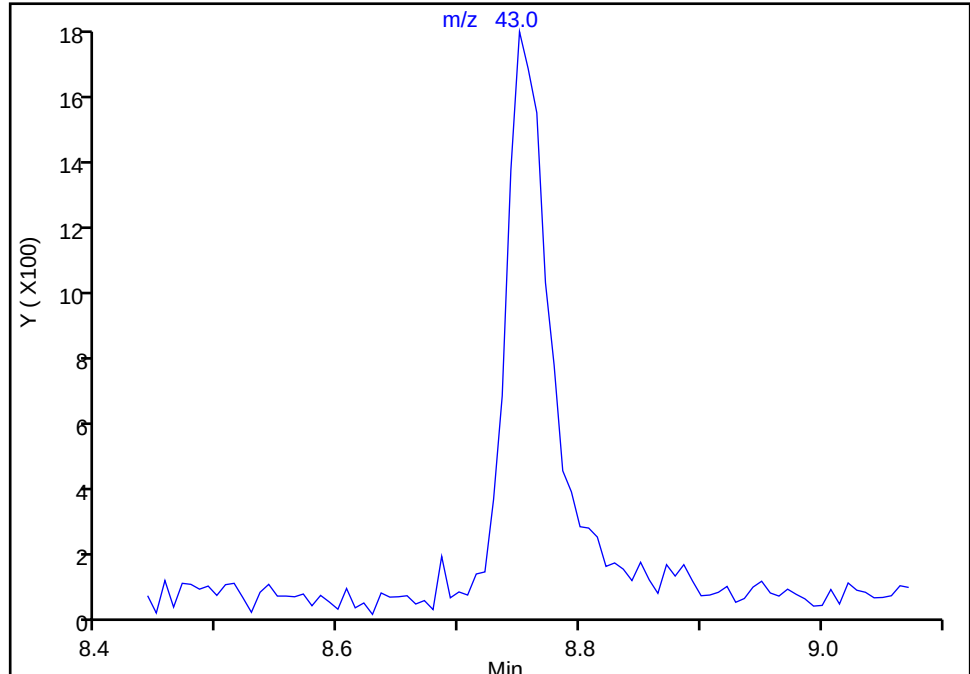
102 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

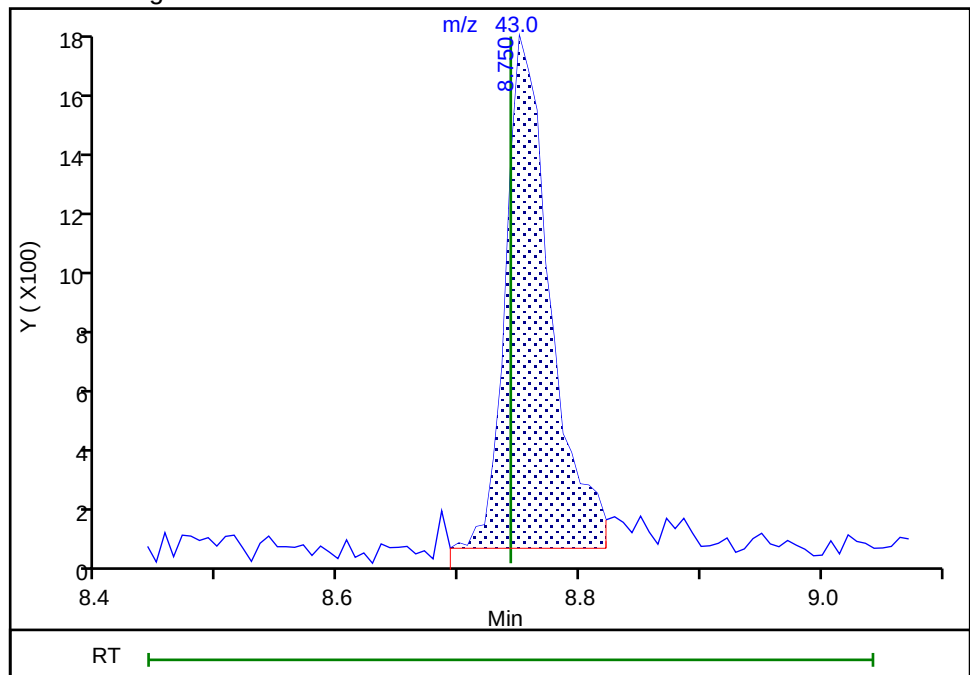
Not Detected

Expected RT: 8.74

Processing Integration Results



Manual Integration Results



RT: 8.75

Area: 4209

Amount: 0.866192

Amount Units: ug/l

Reviewer: delpolitov, 06-Dec-2018 09:45:59

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54135.D

Injection Date: 05-Dec-2018 15:38:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

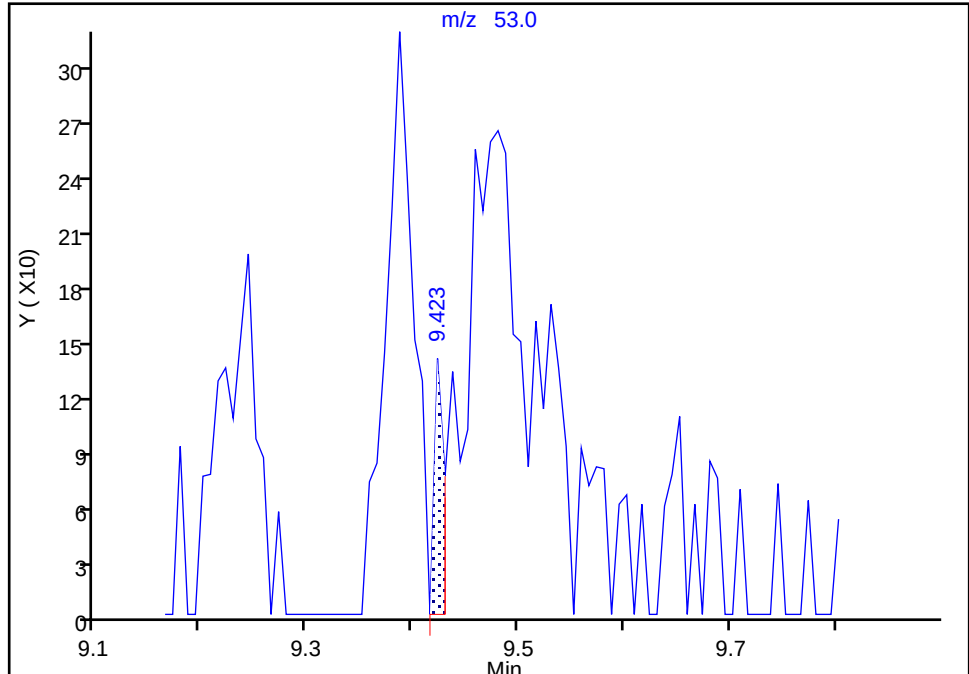
MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

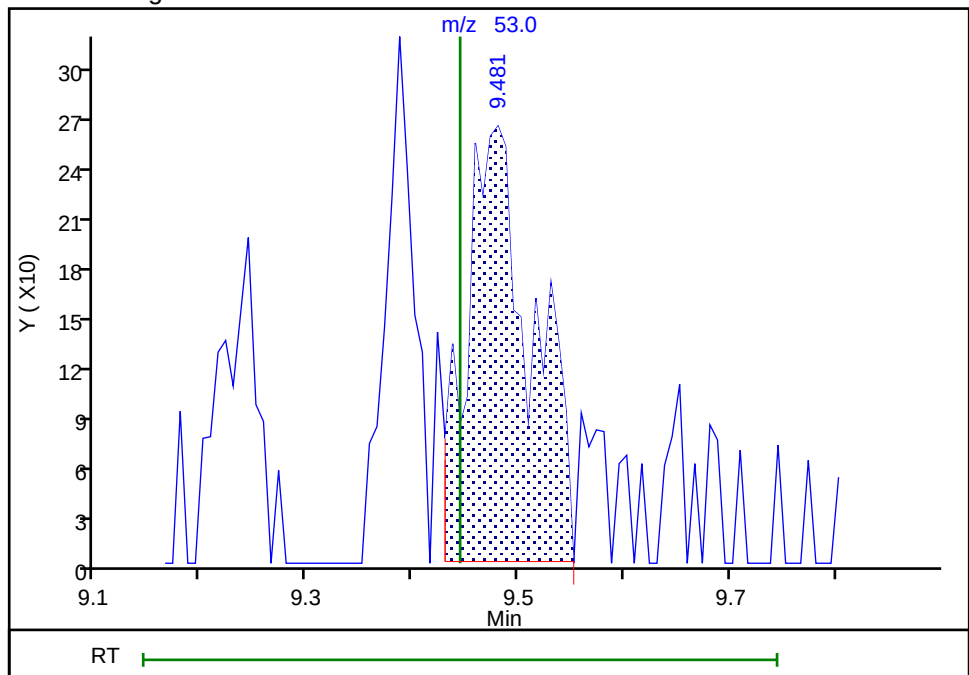
RT: 9.42
Area: 91
Amount: 0.085916
Amount Units: ug/l

Processing Integration Results



RT: 9.48
Area: 1126
Amount: 1.226534
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:46:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54136.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 05-Dec-2018 16:03:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0083053-006
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-Dec-2018 13:22:40 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0307

First Level Reviewer: pakanatir

Date: 05-Dec-2018 16:54:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.842	0.842	0.000	87	2506	5.00	4.25	
2 Dichlorodifluoromethane	85	0.849	0.856	-0.007	99	14050	5.00	5.19	
3 Chloromethane	50	0.964	0.964	0.000	98	14325	5.00	4.93	
5 Butadiene	54	0.985	0.985	0.000	96	13112	5.00	4.57	
4 Vinyl chloride	62	0.985	0.985	0.000	74	15668	5.00	5.16	
6 Bromomethane	94	1.136	1.136	0.000	96	7149	5.00	4.84	
7 Chloroethane	64	1.207	1.200	0.007	98	10719	5.00	5.50	
8 Trichlorofluoromethane	101	1.272	1.264	0.008	78	21077	5.00	5.34	
9 Pentane	72	1.265	1.272	-0.008	96	3264	10.0	8.47	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	26166	5.00	5.34	
12 Ethyl ether	59	1.422	1.422	0.000	91	12155	5.00	5.27	
11 2-Methyl-1,3-butadiene	67	1.415	1.422	-0.007	93	14373	5.00	4.64	
13 Ethanol	46	1.501	1.501	0.000	99	2959	200.0	216.2	M
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	79	14573	5.00	4.98	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	96	11544	5.00	4.89	
16 Carbon disulfide	76	1.544	1.544	0.000	99	36056	5.00	4.61	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	95	9665	5.00	4.71	
18 Iodomethane	142	1.615	1.608	0.007	96	1196	5.00	0.6317	
19 Cyclopentene	67	1.687	1.687	0.000	97	27144	5.00	4.92	
20 Acrolein	56	1.701	1.701	0.000	96	7912	20.0	21.4	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	86	7288	5.00	4.86	
22 Isopropyl alcohol	45	1.802	1.802	0.000	97	8859	50.0	53.3	
23 Methylene Chloride	84	1.845	1.845	0.000	98	14850	5.00	5.15	
24 Acetone	43	1.866	1.859	0.007	85	19841	25.0	23.5	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	98	13843	5.00	4.90	
26 Methyl acetate	43	1.938	1.938	0.000	99	18906	10.0	10.8	
27 Hexane	86	1.981	1.981	0.000	86	2527	5.00	3.57	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	94	41094	5.00	5.14	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	182526	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	98	13339	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	99	16881	50.0	51.8	
32 Isopropyl ether	45	2.224	2.224	0.000	96	54512	5.00	5.18	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	95	12266	5.00	5.01	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	26331	5.00	5.01	
35 Acrylonitrile	53	2.325	2.325	0.000	94	53235	50.0	52.1	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	88	50408	5.00	5.22	
37 Vinyl acetate	43	2.468	2.468	0.000	100	74500	10.0	10.5	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	95	16265	5.00	5.15	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	95	21364	5.00	5.07	
40 Cyclohexane	56	2.783	2.783	0.000	94	19443	5.00	4.46	
41 Chlorobromomethane	128	2.783	2.783	0.000	94	7883	5.00	5.06	
42 Chloroform	83	2.848	2.847	0.001	97	23750	5.00	4.91	
43 Carbon tetrachloride	117	2.933	2.933	0.000	97	17224	5.00	4.67	
45 Methyl acrylate	55	2.948	2.948	0.000	82	12132	5.00	5.24	
44 Ethyl acetate	70	2.948	2.948	0.000	96	3066	10.0	9.23	
46 Tetrahydrofuran	42	2.955	2.955	0.000	93	11258	10.0	9.82	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	96	99381	50.0	50.4	
48 1,1,1-Trichloroethane	97	2.976	2.984	-0.008	97	21555	5.00	4.96	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	229847	250.0	250.0	
50 2-Butanone (MEK)	72	3.077	3.077	0.000	98	7753	25.0	24.6	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	90	20009	5.00	5.11	a
52 Isooctane	57	3.177	3.170	0.007	98	37430	5.00	4.39	
53 n-Heptane	57	3.263	3.263	0.000	45	8718	5.00	4.24	a
54 Benzene	78	3.270	3.270	0.000	90	55378	5.00	4.88	
55 Propionitrile	54	3.292	3.284	0.008	98	19120	50.0	51.1	
56 Methacrylonitrile	67	3.306	3.306	0.000	95	53112	50.0	51.7	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.378	3.370	0.008	0	115905	50.0	51.1	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	95	41478	5.00	5.06	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	96	21485	5.00	4.90	
60 Isobutyl alcohol	43	3.507	3.506	0.001	97	12980	125.0	120.2	
61 t-Amyl alcohol	59	3.578	3.571	0.007	96	9430	50.0	50.2	
* 62 Fluorobenzene	96	3.614	3.614	0.000	99	443552	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.678	0.000	98	28952	5.00	5.20	
64 Methylcyclohexane	83	3.736	3.743	-0.007	91	19226	5.00	4.51	
65 Trichloroethene	130	3.757	3.757	0.000	95	15812	5.00	4.83	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	91	39302	5.00	5.06	
67 Dibromomethane	93	4.130	4.130	0.000	95	9405	5.00	5.10	
68 n-Butanol	56	4.144	4.137	0.007	64	7560	125.0	117.9	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	87	15491	5.00	5.05	
71 Ethyl acrylate	55	4.302	4.294	0.008	82	17890	5.00	4.99	
70 Dichlorobromomethane	83	4.302	4.302	0.000	96	18072	5.00	4.86	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	21660	1000.0	1000.0	
73 Methyl methacrylate	100	4.502	4.495	0.007	94	7410	10.0	9.82	
74 1,4-Dioxane	88	4.517	4.509	0.008	84	2773	100.0	94.2	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	19647	5.00	5.18	
76 2-Chloroethyl vinyl ether	63	4.918	4.910	0.008	96	9765	5.00	5.17	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	98	22063	5.00	4.91	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	398514	50.0	50.0	
79 Toluene	91	5.197	5.197	0.000	93	63692	5.00	5.03	
80 Epichlorohydrin	57	5.226	5.226	0.000	98	26449	100.0	103.4	
81 2-Nitropropane	41	5.448	5.448	0.000	98	7311	10.0	9.29	
82 Tetrachloroethene	166	5.627	5.627	0.000	96	15365	5.00	4.82	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.663	5.663	0.000	99	69511	25.0	25.6	
84 trans-1,3-Dichloropropene	75	5.698	5.698	0.000	96	17936	5.00	4.51	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	92	10708	5.00	5.15	
86 Ethyl methacrylate	69	5.956	5.949	0.007	90	16666	5.00	4.91	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	13756	5.00	4.69	
88 1,3-Dichloropropane	76	6.186	6.185	0.001	96	21752	5.00	5.20	
89 Ethylene Dibromide	107	6.322	6.314	0.008	97	12805	5.00	4.84	
90 n-Butyl acetate	43	6.665	6.658	0.007	98	21406	5.00	4.92	
91 2-Hexanone	43	6.730	6.723	0.007	98	43394	25.0	24.5	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	373376	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	95	43085	5.00	5.05	
94 Ethylbenzene	106	7.117	7.109	0.008	99	23438	5.00	4.93	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	93	14074	5.00	4.77	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	27901	5.00	4.84	
97 o-Xylene	106	7.919	7.919	0.000	94	27835	5.00	5.01	
98 Bromoform	173	7.983	7.983	0.000	93	7465	5.00	4.49	
99 Styrene	104	8.012	8.005	0.007	94	42978	5.00	4.83	
100 n-Butyl acrylate	73	8.334	8.327	0.007	95	8060	5.00	4.44	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	71906	5.00	4.96	
102 Amyl acetate (mixed isomer)	43	8.750	8.743	0.007	88	23847	5.00	4.75	a
\$ 103 4-Bromofluorobenzene	174	8.779	8.778	0.001	90	126956	50.0	48.5	
104 Bromobenzene	156	8.886	8.886	0.000	93	18964	5.00	5.09	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	81947	5.00	4.96	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	96	15252	5.00	5.11	
107 2-Chlorotoluene	91	9.208	9.208	0.000	98	57890	5.00	5.10	
108 4-Ethyltoluene	105	9.230	9.230	0.000	98	72883	5.00	4.91	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	94	4866	5.00	4.95	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	60867	5.00	4.99	
111 trans-1,4-Dichloro-2-buten	53	9.459	9.445	0.014	80	3544	5.00	3.74	M
112 4-Chlorotoluene	91	9.481	9.480	0.000	97	50587	5.00	4.83	
113 tert-Butylbenzene	119	9.853	9.846	0.007	95	54078	5.00	5.03	
115 Butyl Methacrylate	87	9.982	9.982	0.000	47	13672	5.00	4.27	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	92	64118	5.00	5.02	
116 sec-Butylbenzene	105	10.140	10.139	0.001	99	77124	5.00	5.02	
117 1,3-Dichlorobenzene	146	10.405	10.404	0.001	96	36751	5.00	4.92	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	98	70144	5.00	5.00	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.533	0.008	96	213032	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.562	0.000	94	37708	5.00	4.87	
121 1,2,3-Trimethylbenzene	105	10.670	10.662	0.008	98	67451	5.00	5.05	
122 2,3-Dihydroindene	117	10.841	10.841	0.000	93	66400	5.00	4.97	
123 Benzyl chloride	126	11.021	11.013	0.008	97	5049	5.00	4.34	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	35146	5.00	4.81	
125 n-Butylbenzene	91	11.121	11.114	0.007	98	54688	5.00	4.81	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	96	34658	5.00	4.90	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	98	60292	5.00	4.87	
128 1,2-Dibromo-3-Chloropropan	157	12.296	12.288	0.008	89	2501	5.00	4.25	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.001	96	26170	5.00	4.90	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	95	21417	5.00	4.58	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	94	10633	5.00	4.85	
132 Naphthalene	128	13.313	13.306	0.007	99	34536	5.00	3.92	
133 1,2,3-Trichlorobenzene	180	13.477	13.477	0.000	94	18930	5.00	4.54	
S 134 1,2-Dichloroethene, Total	100				0		10.0	10.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		10.0	9.42	
S 136 Xylenes, Total	100				0		10.0	9.85	
S 137 Total BTEX	1				0		25.0	24.7	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00083	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 10.00	Units: uL	
GASES Li_00288	Amount Added: 10.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54136.D

Injection Date: 05-Dec-2018 16:03:30

Instrument ID: CVOAMS13

Lims ID: STD5

Operator ID:

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

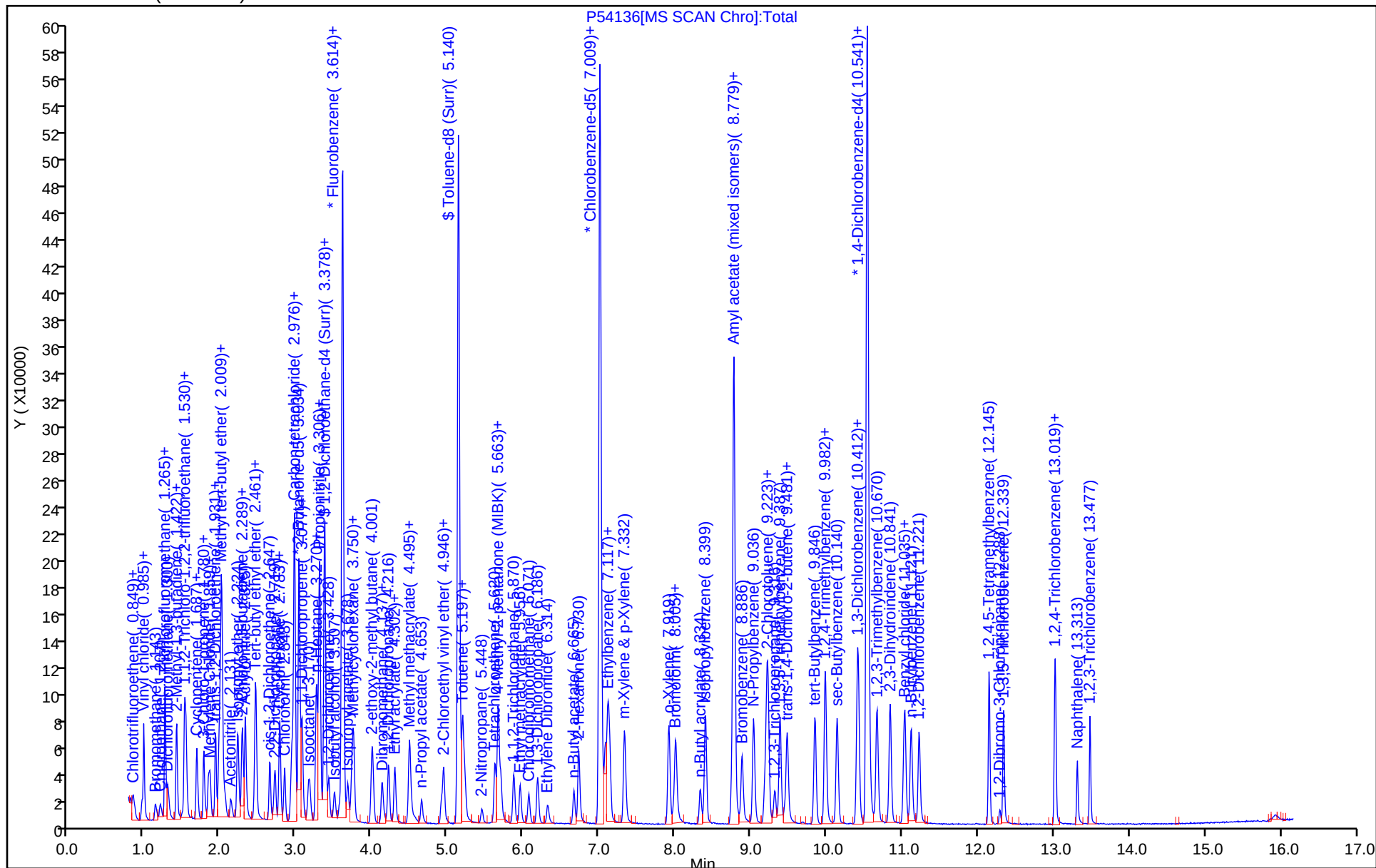
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54136.D

Injection Date: 05-Dec-2018 16:03:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

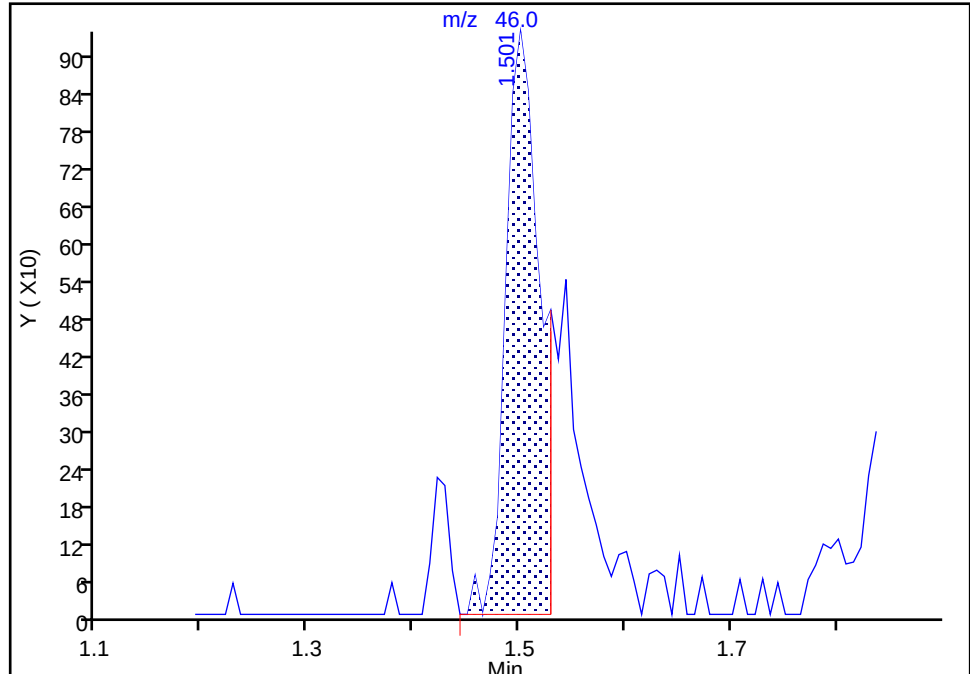
MS SCAN

13 Ethanol, CAS: 64-17-5

Signal: 1

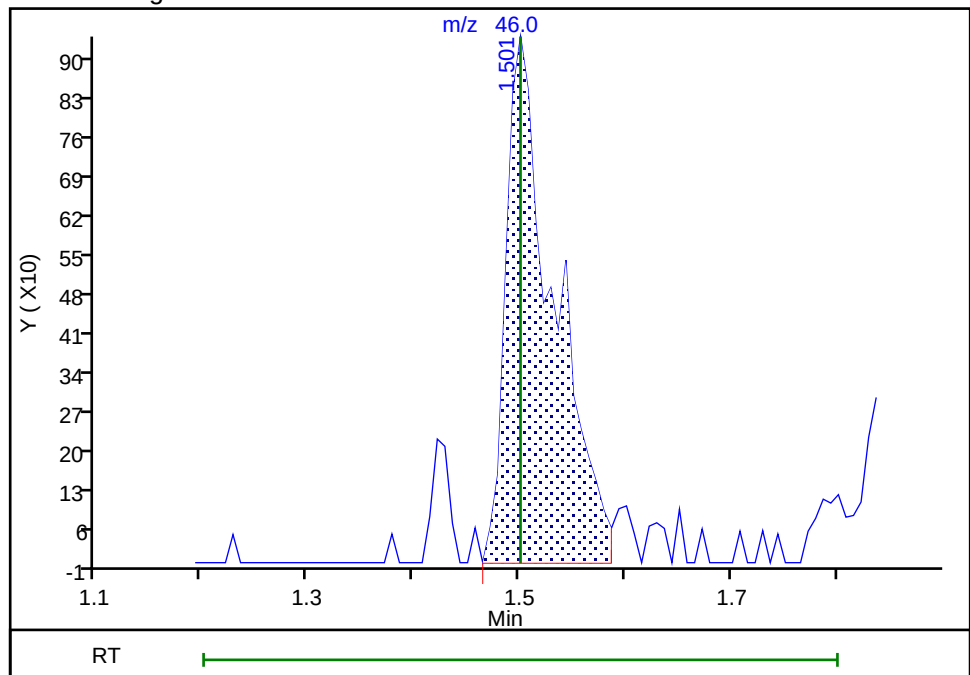
RT: 1.50
Area: 2132
Amount: 154.1835
Amount Units: ug/l

Processing Integration Results



RT: 1.50
Area: 2959
Amount: 216.2225
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:48:03

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54136.D

Injection Date: 05-Dec-2018 16:03:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

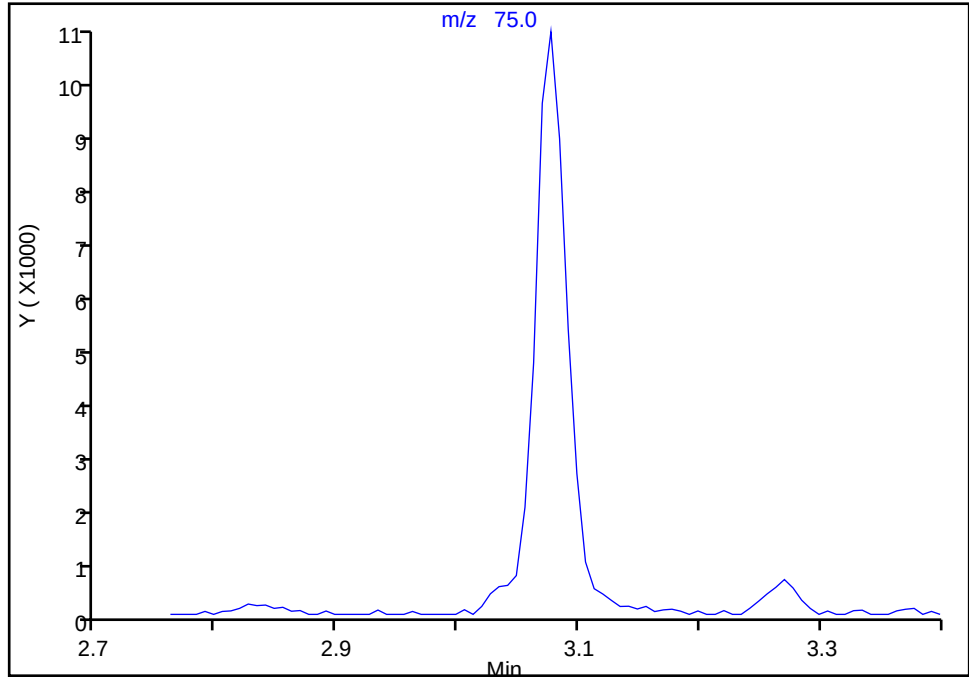
51 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

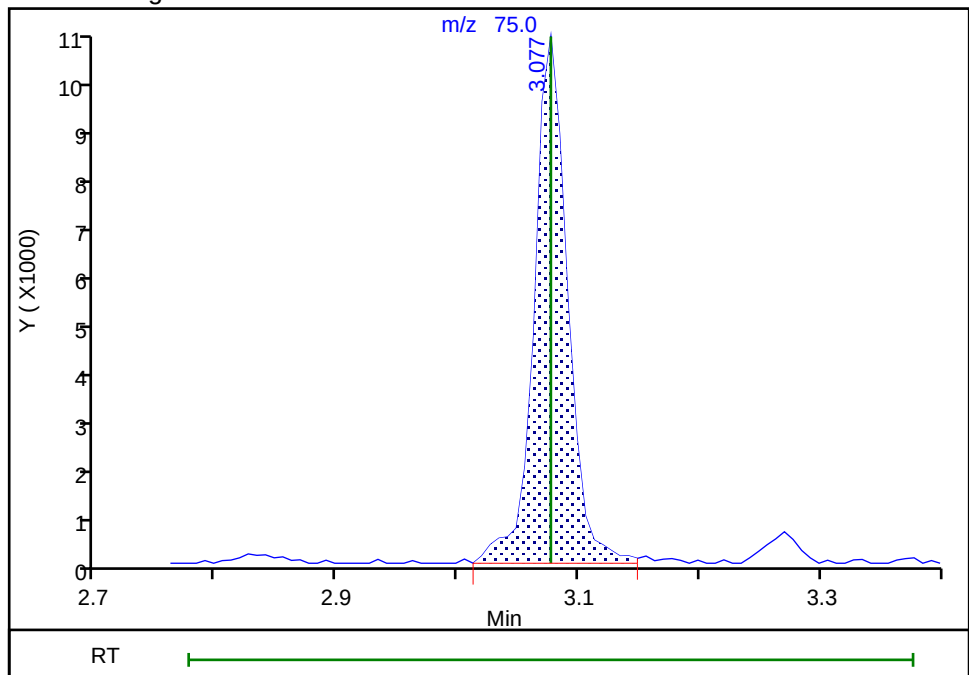
Not Detected

Expected RT: 3.08

Processing Integration Results



Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:48:42

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54136.D

Injection Date: 05-Dec-2018 16:03:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

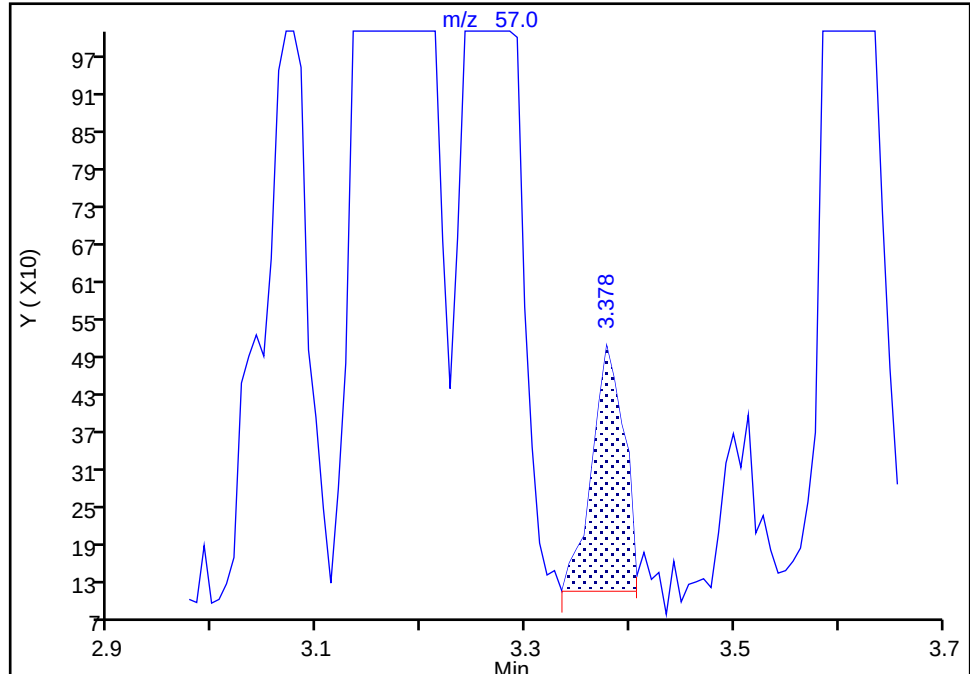
MS SCAN

53 n-Heptane, CAS: 142-82-5

Signal: 1

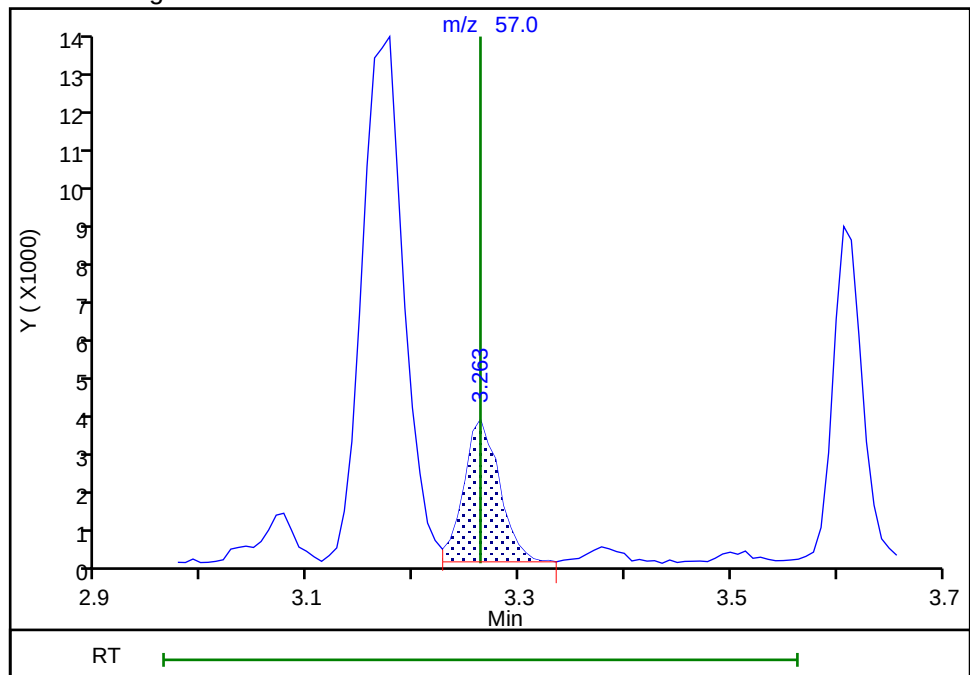
RT: 3.38
Area: 836
Amount: 0.311473
Amount Units: ug/l

Processing Integration Results



RT: 3.26
Area: 8718
Amount: 4.237445
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:48:46

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54136.D

Injection Date: 05-Dec-2018 16:03:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

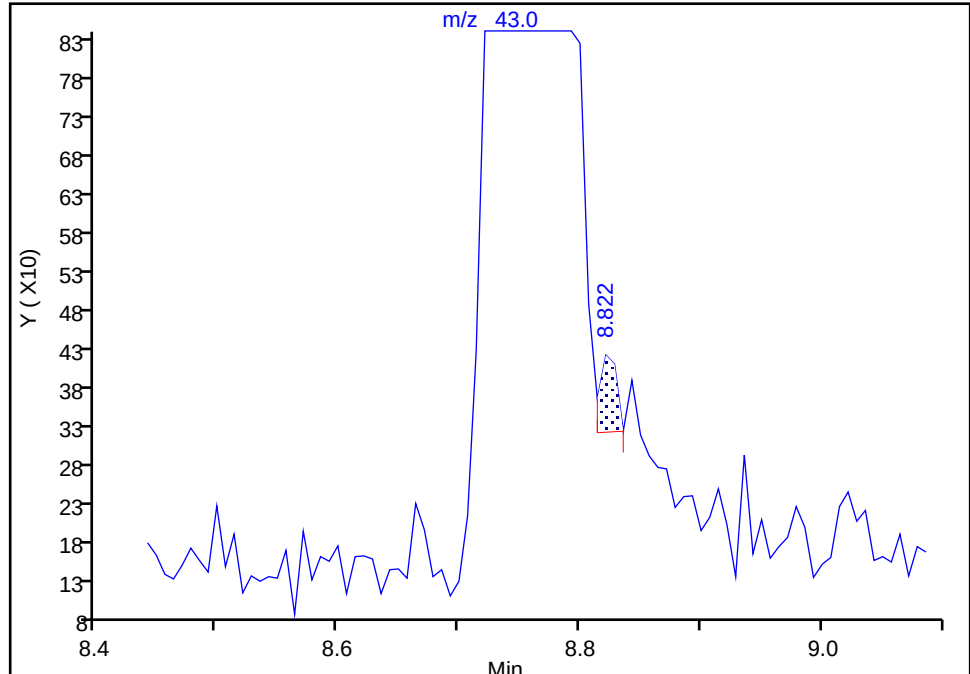
MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

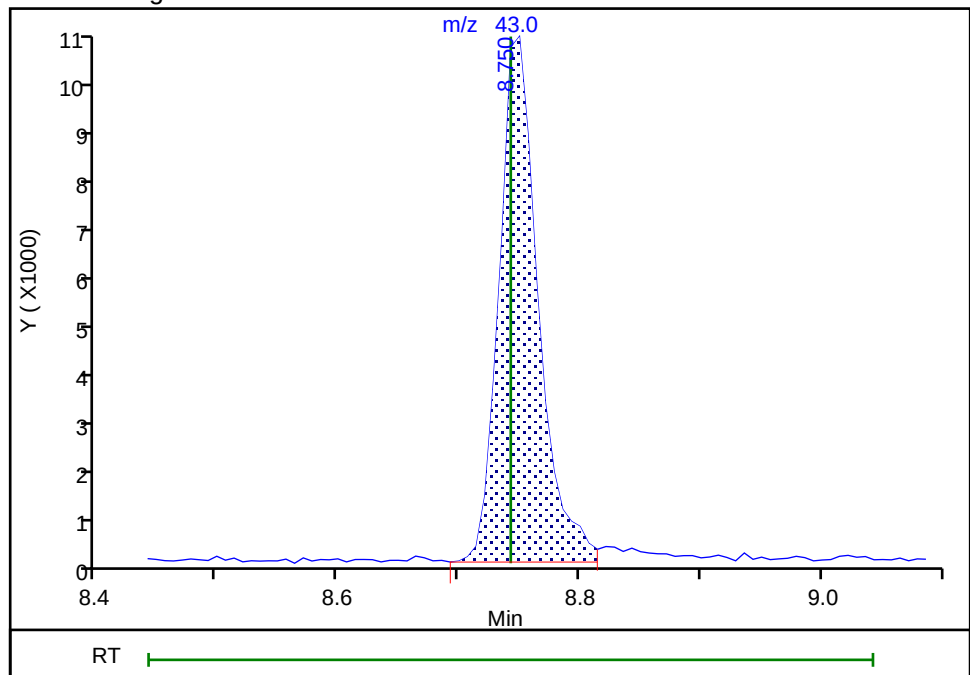
RT: 8.82
Area: 100
Amount: 0.017530
Amount Units: ug/l

Processing Integration Results



RT: 8.75
Area: 23847
Amount: 4.754612
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:49:05

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54136.D

Injection Date: 05-Dec-2018 16:03:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

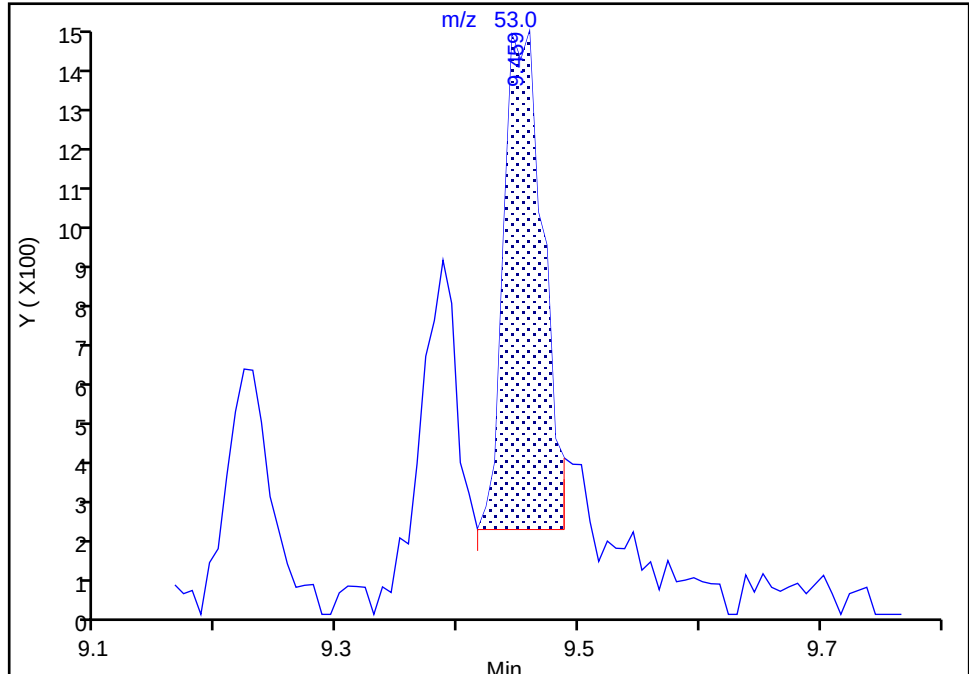
MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

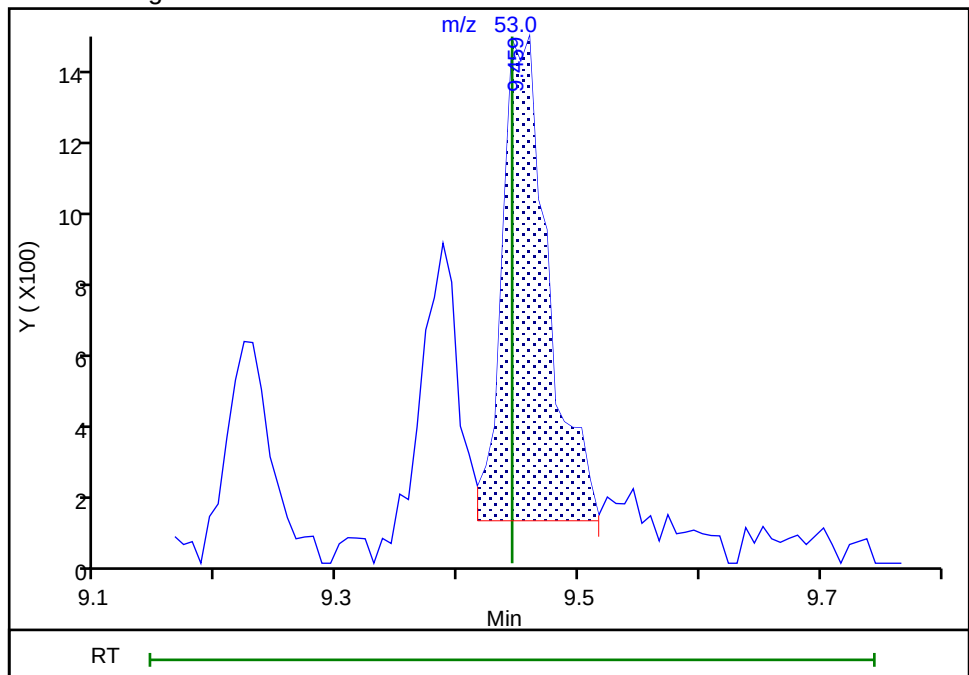
RT: 9.46
Area: 2816
Amount: 2.575826
Amount Units: ug/l

Processing Integration Results



RT: 9.46
Area: 3544
Amount: 3.740078
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:49:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54137.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 05-Dec-2018 16:28:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0083053-007
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-Dec-2018 13:23:01 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0307

First Level Reviewer: pakanatir

Date: 05-Dec-2018 16:51:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.842	0.842	0.000	92	12897	20.0	21.2	
2 Dichlorodifluoromethane	85	0.856	0.856	0.000	99	56199	20.0	20.1	
3 Chloromethane	50	0.964	0.964	0.000	99	58341	20.0	19.5	
4 Vinyl chloride	62	0.985	0.985	0.000	73	62156	20.0	19.9	
5 Butadiene	54	0.985	0.985	0.000	96	54888	20.0	18.6	
6 Bromomethane	94	1.136	1.136	0.000	97	30825	20.0	20.3	
7 Chloroethane	64	1.200	1.200	0.000	99	41080	20.0	20.5	
8 Trichlorofluoromethane	101	1.264	1.264	0.000	96	86123	20.0	21.2	
9 Pentane	72	1.272	1.272	0.000	96	16364	40.0	41.8	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	103563	20.0	20.5	
11 2-Methyl-1,3-butadiene	67	1.422	1.422	0.000	93	65342	20.0	20.5	
12 Ethyl ether	59	1.422	1.422	0.000	95	48792	20.0	20.5	
13 Ethanol	46	1.501	1.501	0.000	100	10780	800.0	775.1	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	96	48092	20.0	19.7	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	81	62162	20.0	20.6	
16 Carbon disulfide	76	1.544	1.544	0.000	99	151488	20.0	18.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	95	45548	20.0	21.5	
18 Iodomethane	142	1.608	1.608	0.000	99	19738	20.0	10.1	
19 Cyclopentene	67	1.687	1.687	0.000	96	120905	20.0	21.2	
20 Acrolein	56	1.701	1.701	0.000	94	15038	40.0	40.0	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	86	30842	20.0	20.0	
22 Isopropyl alcohol	45	1.802	1.802	0.000	98	34444	200.0	203.7	
23 Methylene Chloride	84	1.845	1.845	0.000	98	57919	20.0	19.5	
24 Acetone	43	1.859	1.859	0.000	85	77733	100.0	89.5	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	98	56002	20.0	19.2	
26 Methyl acetate	43	1.938	1.938	0.000	99	78160	40.0	43.9	
27 Hexane	86	1.981	1.981	0.000	93	12785	20.0	17.7	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	92	168597	20.0	20.5	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	185507	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	52275	200.0	192.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	98	64485	200.0	194.8	
32 Isopropyl ether	45	2.224	2.224	0.000	96	225179	20.0	20.8	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	95	50443	20.0	20.0	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	111899	20.0	20.6	
35 Acrylonitrile	53	2.325	2.325	0.000	92	208699	200.0	198.3	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	88	205130	20.0	20.6	
37 Vinyl acetate	43	2.468	2.468	0.000	100	298777	40.0	41.0	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	95	64456	20.0	19.8	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	95	87169	20.0	20.1	
41 Chlorobromomethane	128	2.783	2.783	0.000	89	31454	20.0	19.6	
40 Cyclohexane	56	2.783	2.783	0.000	94	93088	20.0	20.7	
42 Chloroform	83	2.847	2.847	0.000	96	97104	20.0	19.5	
43 Carbon tetrachloride	117	2.933	2.933	0.000	97	76624	20.0	20.1	
44 Ethyl acetate	70	2.948	2.948	0.000	99	12219	40.0	35.7	
45 Methyl acrylate	55	2.948	2.948	0.000	98	50008	20.0	20.9	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	44353	40.0	37.6	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	96	99265	50.0	48.9	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	97	91022	20.0	20.3	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	236491	250.0	250.0	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	93	77806	20.0	19.3	
50 2-Butanone (MEK)	72	3.077	3.077	0.000	99	32013	100.0	98.7	
52 Isooctane	57	3.170	3.170	0.000	98	179777	20.0	20.4	
53 n-Heptane	57	3.263	3.263	0.000	94	41949	20.0	19.8	
54 Benzene	78	3.270	3.270	0.000	97	235058	20.0	20.1	
55 Propionitrile	54	3.284	3.284	0.000	95	75624	200.0	198.9	
56 Methacrylonitrile	67	3.306	3.306	0.000	94	221963	200.0	209.7	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.370	0.000	0	112753	50.0	48.3	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	97	172873	20.0	20.5	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	97	86692	20.0	19.2	
60 Isobutyl alcohol	43	3.506	3.506	0.000	98	54918	500.0	500.5	
61 t-Amyl alcohol	59	3.571	3.571	0.000	98	38610	200.0	202.1	
* 62 Fluorobenzene	96	3.614	3.614	0.000	99	457235	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.678	0.000	98	113649	20.0	19.8	
64 Methylcyclohexane	83	3.743	3.743	0.000	93	92424	20.0	21.0	
65 Trichloroethene	130	3.757	3.757	0.000	96	66679	20.0	19.8	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	91	162479	20.0	20.3	
67 Dibromomethane	93	4.130	4.130	0.000	95	37712	20.0	19.8	
68 n-Butanol	56	4.137	4.137	0.000	91	32901	500.0	476.9	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	63299	20.0	20.0	
71 Ethyl acrylate	55	4.294	4.294	0.000	97	74547	20.0	19.5	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	77904	20.0	20.3	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	21541	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	92	30478	40.0	38.4	
74 1,4-Dioxane	88	4.509	4.509	0.000	98	11849	400.0	404.9	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	81168	20.0	20.8	
76 2-Chloroethyl vinyl ether	63	4.910	4.910	0.000	96	39645	20.0	20.4	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	98	93150	20.0	20.1	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	403619	50.0	49.2	
79 Toluene	91	5.197	5.197	0.000	93	264404	20.0	20.3	
80 Epichlorohydrin	57	5.226	5.226	0.000	100	108496	400.0	412.4	
81 2-Nitropropane	41	5.448	5.448	0.000	99	31894	40.0	39.3	
82 Tetrachloroethene	166	5.627	5.627	0.000	96	65830	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.663	5.663	0.000	99	293130	100.0	105.0	
84 trans-1,3-Dichloropropene	75	5.698	5.698	0.000	95	84462	20.0	20.6	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	92	42542	20.0	19.9	
86 Ethyl methacrylate	69	5.949	5.949	0.000	91	71142	20.0	20.3	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	60029	20.0	19.9	
88 1,3-Dichloropropane	76	6.185	6.185	0.000	96	89244	20.0	20.7	
89 Ethylene Dibromide	107	6.314	6.314	0.000	98	54140	20.0	19.9	
90 n-Butyl acetate	43	6.658	6.658	0.000	98	94444	20.0	21.1	
91 2-Hexanone	43	6.723	6.723	0.000	98	194559	100.0	106.7	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	384280	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	96	176062	20.0	20.0	
94 Ethylbenzene	106	7.109	7.109	0.000	99	97805	20.0	20.0	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	93	62898	20.0	20.7	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	120395	20.0	20.3	
97 o-Xylene	106	7.919	7.919	0.000	94	117831	20.0	20.6	
98 Bromoform	173	7.983	7.983	0.000	94	34799	20.0	19.5	
99 Styrene	104	8.005	8.005	0.000	95	190884	20.0	20.8	
100 n-Butyl acrylate	73	8.327	8.327	0.000	95	40105	20.0	21.5	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	308848	20.0	20.7	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	89	113056	20.0	21.7	
\$ 103 4-Bromofluorobenzene	174	8.778	8.778	0.000	90	131620	50.0	48.8	
104 Bromobenzene	156	8.886	8.886	0.000	93	77467	20.0	20.0	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	353111	20.0	20.5	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	96	62179	20.0	20.0	
107 2-Chlorotoluene	91	9.208	9.208	0.000	98	242880	20.0	20.6	
108 4-Ethyltoluene	105	9.230	9.230	0.000	97	315869	20.0	20.4	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	94	20641	20.0	20.2	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	262610	20.0	20.7	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	86	18984	20.0	19.3	
112 4-Chlorotoluene	91	9.480	9.480	0.000	97	217550	20.0	20.0	
113 tert-Butylbenzene	119	9.846	9.846	0.000	95	228831	20.0	20.5	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	95	274984	20.0	20.7	
115 Butyl Methacrylate	87	9.982	9.982	0.000	52	69454	20.0	19.9	
116 sec-Butylbenzene	105	10.139	10.139	0.000	99	331073	20.0	20.7	
117 1,3-Dichlorobenzene	146	10.404	10.404	0.000	96	157006	20.0	20.2	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	98	298270	20.0	20.4	
* 119 1,4-Dichlorobenzene-d4	152	10.533	10.533	0.000	95	221635	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.562	0.000	95	158426	20.0	19.7	
121 1,2,3-Trimethylbenzene	105	10.662	10.662	0.000	99	285634	20.0	20.6	
122 2,3-Dihydroindene	117	10.841	10.841	0.000	94	281823	20.0	20.3	
123 Benzyl chloride	126	11.013	11.013	0.000	98	23253	20.0	19.2	
124 p-Diethylbenzene	119	11.035	11.035	0.000	94	156482	20.0	20.6	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	250809	20.0	21.2	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	97	149406	20.0	20.3	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	98	270443	20.0	21.0	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.288	0.000	90	12496	20.0	20.4	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	97	109474	20.0	19.7	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	94	97000	20.0	20.0	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	91	43005	20.0	18.9	
132 Naphthalene	128	13.306	13.306	0.000	99	170200	20.0	18.6	
133 1,2,3-Trichlorobenzene	180	13.477	13.477	0.000	95	82724	20.0	19.1	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		40.0	40.8	
S 136 Xylenes, Total	100				0		40.0	40.9	
S 137 Total BTEX	1				0		100.0	101.3	

Reagents:

ACROLEIN W_00083	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 20.00	Units: uL	
GASES Li_00288	Amount Added: 20.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54137.D

Injection Date: 05-Dec-2018 16:28:30

Instrument ID: CVOAMS13

Lims ID: STD20

Operator ID:

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

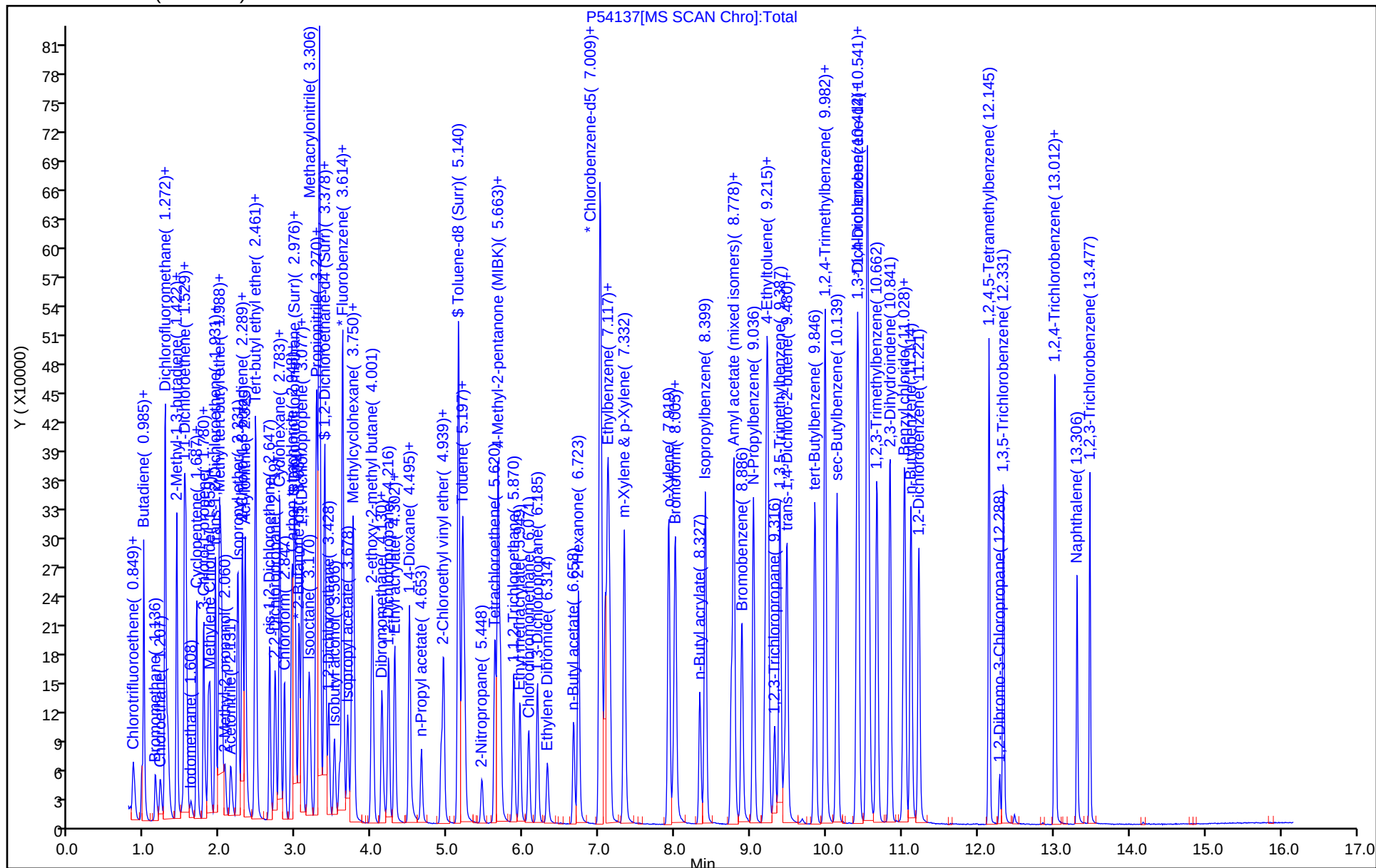
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54138.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 05-Dec-2018 16:54:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0083053-008
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-Dec-2018 13:23:23 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0307

First Level Reviewer: delpolitov

Date: 06-Dec-2018 09:51:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.842	0.842	0.000	91	28193	50.0	45.7	
2 Dichlorodifluoromethane	85	0.856	0.856	0.000	99	124123	50.0	43.8	
3 Chloromethane	50	0.964	0.964	0.000	99	144501	50.0	47.6	
5 Butadiene	54	0.985	0.985	0.000	96	128797	50.0	42.9	
4 Vinyl chloride	62	0.985	0.985	0.000	71	149848	50.0	47.2	
6 Bromomethane	94	1.143	1.136	0.007	97	69728	50.0	45.3	
7 Chloroethane	64	1.200	1.200	0.000	99	95116	50.0	46.7	
8 Trichlorofluoromethane	101	1.264	1.264	0.000	97	203436	50.0	49.3	
9 Pentane	72	1.272	1.272	0.000	96	34336	100.0	85.6	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	256706	50.0	50.1	
12 Ethyl ether	59	1.422	1.422	0.000	94	118564	50.0	49.1	
11 2-Methyl-1,3-butadiene	67	1.422	1.422	0.000	94	152533	50.0	47.1	
13 Ethanol	46	1.501	1.501	0.000	100	28090	2000.0	1970.5	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	85	144800	50.0	47.3	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	113787	50.0	46.0	
16 Carbon disulfide	76	1.537	1.544	-0.007	99	366430	50.0	44.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	96	103428	50.0	48.2	
18 Iodomethane	142	1.608	1.608	0.000	100	104214	50.0	52.6	
19 Cyclopentene	67	1.680	1.687	-0.007	96	276533	50.0	47.9	
20 Acrolein	56	1.701	1.701	0.000	95	41031	100.0	106.5	
21 3-Chloro-1-propene	76	1.773	1.780	-0.007	87	75586	50.0	48.2	
22 Isopropyl alcohol	45	1.802	1.802	0.000	97	85237	500.0	491.9	
23 Methylene Chloride	84	1.845	1.845	0.000	98	139829	50.0	46.4	
24 Acetone	43	1.859	1.859	0.000	85	187069	250.0	213.0	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	97	137103	50.0	46.4	
26 Methyl acetate	43	1.938	1.938	0.000	100	183329	100.0	100.6	
27 Hexane	86	1.981	1.981	0.000	93	26706	50.0	36.9	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	91	412447	50.0	49.3	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	190134	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.059	2.060	-0.001	98	128709	500.0	463.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	99	161610	500.0	476.4	
32 Isopropyl ether	45	2.231	2.224	0.007	95	545574	50.0	49.6	
33 2-Chloro-1,3-butadiene	88	2.289	2.282	0.007	94	123807	50.0	48.4	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	269441	50.0	49.0	
35 Acrylonitrile	53	2.325	2.325	-0.001	93	521147	500.0	488.0	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	88	501872	50.0	49.7	
37 Vinyl acetate	43	2.468	2.468	0.000	100	745261	100.0	100.9	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	95	156408	50.0	47.3	
39 2,2-Dichloropropane	77	2.718	2.719	-0.001	95	210387	50.0	47.7	
40 Cyclohexane	56	2.783	2.783	0.000	94	213291	50.0	46.8	
41 Chlorobromomethane	128	2.783	2.783	0.000	93	78339	50.0	48.0	
42 Chloroform	83	2.840	2.847	-0.007	97	246149	50.0	48.7	
43 Carbon tetrachloride	117	2.933	2.933	0.000	97	190663	50.0	49.4	
45 Methyl acrylate	55	2.948	2.948	0.000	86	125498	50.0	51.8	
44 Ethyl acetate	70	2.948	2.948	0.000	98	29163	100.0	84.3	
46 Tetrahydrofuran	42	2.955	2.955	0.000	92	110469	100.0	92.6	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	96	102957	50.0	49.9	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	99	224813	50.0	49.4	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	239161	250.0	250.0	
50 2-Butanone (MEK)	72	3.069	3.077	-0.008	99	77078	250.0	235.0	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	93	190906	50.0	46.6	
52 Isooctane	57	3.170	3.170	0.000	98	394637	50.0	44.2	
53 n-Heptane	57	3.263	3.263	0.000	89	91237	50.0	42.4	
54 Benzene	78	3.270	3.270	0.000	96	579688	50.0	49.1	
55 Propionitrile	54	3.284	3.284	0.000	97	189345	500.0	485.9	
56 Methacrylonitrile	67	3.306	3.306	0.000	95	549913	500.0	512.1	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.370	0.000	0	116578	50.0	49.2	
58 Tert-amyl methyl ether	73	3.377	3.378	-0.001	97	427605	50.0	49.9	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	97	210558	50.0	45.9	
60 Isobutyl alcohol	43	3.506	3.506	0.000	97	139758	1250.0	1242.7	
61 t-Amyl alcohol	59	3.571	3.571	0.000	97	95405	500.0	487.2	
* 62 Fluorobenzene	96	3.614	3.614	0.000	98	463891	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.678	0.000	98	284955	50.0	48.9	
64 Methylcyclohexane	83	3.743	3.743	0.000	92	206513	50.0	46.3	
65 Trichloroethene	130	3.757	3.757	0.000	95	167380	50.0	48.9	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	91	401208	50.0	49.4	
67 Dibromomethane	93	4.122	4.130	-0.008	95	92647	50.0	48.0	
68 n-Butanol	56	4.137	4.137	0.000	90	87527	1250.0	1224.3	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	157025	50.0	49.0	
71 Ethyl acrylate	55	4.294	4.294	0.000	97	190194	50.0	48.8	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	197443	50.0	50.8	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	21435	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	92	77253	100.0	95.4	
74 1,4-Dioxane	88	4.509	4.509	0.000	96	29036	1000.0	997.1	
75 n-Propyl acetate	43	4.653	4.653	-0.001	99	206405	50.0	52.0	
76 2-Chloroethyl vinyl ether	63	4.910	4.910	0.000	96	101029	50.0	51.1	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	98	233291	50.0	49.9	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	413229	50.0	49.8	
79 Toluene	91	5.197	5.197	0.000	93	643669	50.0	48.8	
80 Epichlorohydrin	57	5.218	5.226	-0.008	100	275495	1000.0	1035.4	
81 2-Nitropropane	41	5.448	5.448	0.000	100	82796	100.0	100.6	
82 Tetrachloroethene	166	5.620	5.627	-0.007	96	161639	50.0	48.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.662	5.663	-0.001	98	712218	250.0	252.3	
84 trans-1,3-Dichloropropene	75	5.698	5.698	0.000	96	219749	50.0	53.1	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	105103	50.0	48.5	
86 Ethyl methacrylate	69	5.949	5.949	0.000	91	178141	50.0	50.2	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	161390	50.0	52.9	
88 1,3-Dichloropropane	76	6.185	6.185	0.000	96	220200	50.0	50.6	
89 Ethylene Dibromide	107	6.314	6.314	0.000	98	137139	50.0	49.8	
90 n-Butyl acetate	43	6.658	6.658	0.000	99	236664	50.0	52.3	
91 2-Hexanone	43	6.723	6.723	0.000	98	479083	250.0	259.8	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	86	388563	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	95	433049	50.0	48.7	
94 Ethylbenzene	106	7.109	7.109	0.000	99	243028	50.0	49.1	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	93	158864	50.0	51.8	
96 m-Xylene & p-Xylene	106	7.331	7.332	-0.001	0	299221	50.0	49.8	
97 o-Xylene	106	7.919	7.919	0.000	94	291105	50.0	50.3	
98 Bromoform	173	7.976	7.983	-0.007	94	94557	50.0	51.1	
99 Styrene	104	8.005	8.005	0.000	94	479255	50.0	51.7	
100 n-Butyl acrylate	73	8.327	8.327	0.000	95	99502	50.0	52.6	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	752846	50.0	49.9	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	88	280421	50.0	52.3	
\$ 103 4-Bromofluorobenzene	174	8.778	8.778	0.000	93	137899	50.0	50.6	
104 Bromobenzene	156	8.886	8.886	0.000	93	195866	50.0	49.2	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	866712	50.0	49.0	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	97	155486	50.0	48.7	
107 2-Chlorotoluene	91	9.208	9.208	0.000	98	596139	50.0	49.1	
108 4-Ethyltoluene	105	9.223	9.230	-0.007	98	776935	50.0	48.9	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	95	49932	50.0	47.5	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	649108	50.0	49.8	
111 trans-1,4-Dichloro-2-buten	53	9.437	9.445	-0.008	88	51532	50.0	50.9	
112 4-Chlorotoluene	91	9.473	9.480	-0.007	98	550005	50.0	49.1	
113 tert-Butylbenzene	119	9.846	9.846	0.000	95	561191	50.0	48.8	
115 Butyl Methacrylate	87	9.982	9.982	0.000	55	195725	50.0	53.2	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	95	682186	50.0	49.9	
116 sec-Butylbenzene	105	10.139	10.139	0.000	98	809711	50.0	49.3	
117 1,3-Dichlorobenzene	146	10.397	10.404	-0.007	96	390059	50.0	48.8	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	736681	50.0	49.1	
* 119 1,4-Dichlorobenzene-d4	152	10.533	10.533	0.000	95	227829	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.562	0.000	95	392758	50.0	47.4	
121 1,2,3-Trimethylbenzene	105	10.662	10.662	0.000	99	710209	50.0	49.7	
122 2,3-Dihydroindene	117	10.841	10.841	0.000	94	698099	50.0	48.9	
123 Benzyl chloride	126	11.013	11.013	0.000	98	66424	50.0	53.4	
124 p-Diethylbenzene	119	11.035	11.035	0.000	95	389983	50.0	49.9	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	621668	50.0	51.1	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	96	371169	50.0	49.1	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	98	677432	50.0	51.2	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.288	0.000	92	32994	50.0	52.4	
129 1,3,5-Trichlorobenzene	180	12.331	12.339	-0.007	98	278697	50.0	48.8	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	95	244869	50.0	49.0	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	95	109636	50.0	46.8	
132 Naphthalene	128	13.305	13.306	-0.001	99	477156	50.0	50.7	
133 1,2,3-Trichlorobenzene	180	13.477	13.477	0.000	96	213465	50.0	47.9	
S 134 1,2-Dichloroethene, Total	100				0		100.0	93.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		100.0	103.0	
S 136 Xylenes, Total	100				0		100.0	100.2	
S 137 Total BTEX	1				0		250.0	247.2	

Reagents:

ACROLEIN W_00083	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 50.00	Units: uL	
GASES Li_00288	Amount Added: 50.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54138.D

Injection Date: 05-Dec-2018 16:54:30

Instrument ID: CVOAMS13

Lims ID: STD50

Operator ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

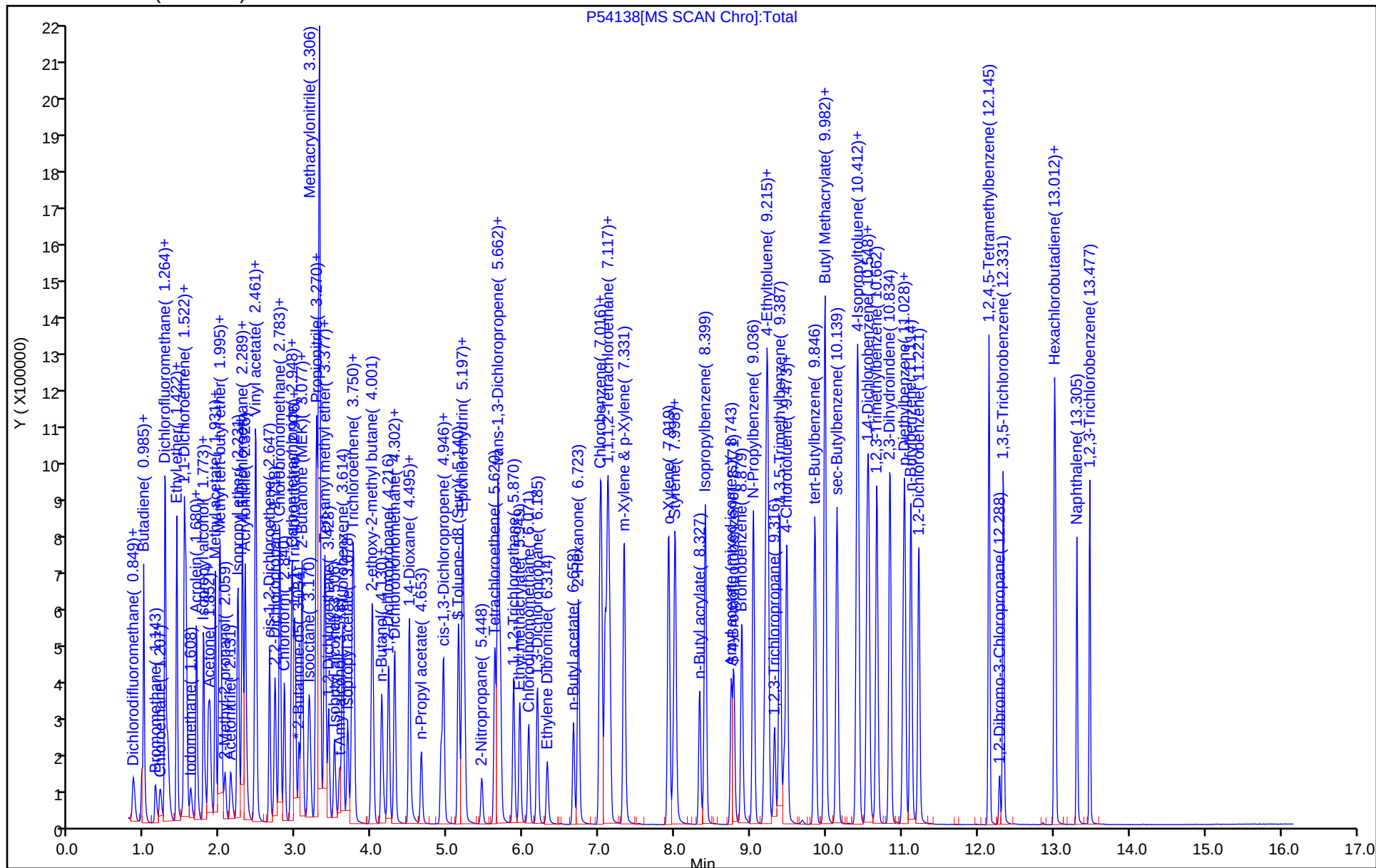
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54139.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 05-Dec-2018 17:19:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0083053-009
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-Dec-2018 13:23:45 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0307

First Level Reviewer: pakanatir

Date: 05-Dec-2018 17:18:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.842	0.842	0.000	91	160338	200.0	250.0	
2 Dichlorodifluoromethane	85	0.856	0.856	0.000	99	732493	200.0	248.8	
3 Chloromethane	50	0.964	0.964	0.000	98	710856	200.0	225.3	M
4 Vinyl chloride	62	0.985	0.985	0.000	98	744613	200.0	225.6	
5 Butadiene	54	0.992	0.985	0.007	94	684851	200.0	219.6	
6 Bromomethane	94	1.143	1.136	0.007	98	403005	200.0	248.0	
7 Chloroethane	64	1.200	1.200	0.000	99	438565	200.0	207.2	
8 Trichlorofluoromethane	101	1.264	1.264	0.000	97	981840	200.0	228.8	
9 Pentane	72	1.272	1.272	0.000	96	170039	400.0	401.5	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	1114485	200.0	209.3	
11 2-Methyl-1,3-butadiene	67	1.422	1.422	0.000	94	708284	200.0	210.5	
12 Ethyl ether	59	1.422	1.422	0.000	94	520732	200.0	207.7	
13 Ethanol	46	1.501	1.501	0.000	99	120092	8000.0	7980.6	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	515028	200.0	200.6	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	82	639540	200.0	201.0	
16 Carbon disulfide	76	1.551	1.544	0.007	99	1782817	200.0	209.6	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	84	487434	200.0	218.4	
18 Iodomethane	142	1.608	1.608	0.000	99	724335	200.0	352.0	
19 Cyclopentene	67	1.680	1.687	-0.007	96	1268562	200.0	211.4	
20 Acrolein	56	1.701	1.701	0.000	96	89401	200.0	219.7	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	86	337401	200.0	207.3	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	368330	2000.0	2013.7	
23 Methylene Chloride	84	1.845	1.845	0.000	98	617308	200.0	197.0	
24 Acetone	43	1.866	1.859	0.007	85	871384	1000.0	939.0	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	97	616496	200.0	200.7	
26 Methyl acetate	43	1.938	1.938	0.000	99	750366	400.0	389.9	
27 Hexane	86	1.988	1.981	0.007	90	137501	200.0	206.9	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	94	1819165	200.0	209.3	
* 29 TBA-d9 (IS)	65	2.016	2.017	-0.001	0	200706	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.059	2.060	-0.001	99	565733	2000.0	1929.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	99	710350	2000.0	1983.7	
32 Isopropyl ether	45	2.231	2.224	0.007	95	2373531	200.0	207.6	
33 2-Chloro-1,3-butadiene	88	2.289	2.282	0.007	95	560040	200.0	210.5	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	1181558	200.0	206.7	
35 Acrylonitrile	53	2.332	2.325	0.007	93	2262320	2000.0	2038.7	
36 Tert-butyl ethyl ether	59	2.468	2.461	0.007	53	2184177	200.0	208.2	
37 Vinyl acetate	43	2.468	2.468	0.000	99	3334861	400.0	434.5	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	691696	200.0	201.3	
39 2,2-Dichloropropane	77	2.718	2.719	-0.001	95	937373	200.0	204.7	
41 Chlorobromomethane	128	2.783	2.783	0.000	75	350632	200.0	207.0	
40 Cyclohexane	56	2.783	2.783	0.000	95	1016394	200.0	214.7	
42 Chloroform	83	2.840	2.847	-0.007	97	1097171	200.0	208.8	
43 Carbon tetrachloride	117	2.933	2.933	0.000	97	892738	200.0	222.6	
44 Ethyl acetate	70	2.948	2.948	0.000	98	135632	400.0	371.3	
45 Methyl acrylate	55	2.948	2.948	0.000	88	574393	200.0	228.2	
46 Tetrahydrofuran	42	2.955	2.955	0.000	92	499820	400.0	396.7	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	96	109364	50.0	51.1	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	99	1000688	200.0	211.7	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	252704	250.0	250.0	
51 1,1-Dichloropropene	75	3.084	3.077	0.007	93	850863	200.0	200.0	
50 2-Butanone (MEK)	72	3.069	3.077	-0.008	100	355761	1000.0	1026.4	
52 Isooctane	57	3.177	3.170	0.007	98	2050563	200.0	221.1	
53 n-Heptane	57	3.263	3.263	0.000	91	524474	200.0	234.6	
54 Benzene	78	3.270	3.270	0.000	98	2597635	200.0	209.9	
55 Propionitrile	54	3.299	3.284	0.015	98	845938	2000.0	2056.3	
56 Methacrylonitrile	67	3.313	3.306	0.007	94	2431231	2000.0	2179.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.377	3.370	0.007	0	122485	50.0	49.7	
58 Tert-amyl methyl ether	73	3.385	3.378	0.007	97	1882198	200.0	211.3	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	97	919812	200.0	193.0	
60 Isobutyl alcohol	43	3.506	3.506	0.000	98	639515	5000.0	5387.0	
61 t-Amyl alcohol	59	3.578	3.571	0.007	98	446026	2000.0	2157.6	
* 62 Fluorobenzene	96	3.614	3.614	0.000	99	482007	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.678	0.000	98	1277419	200.0	211.1	
64 Methylcyclohexane	83	3.743	3.743	0.000	93	1014127	200.0	218.9	
65 Trichloroethene	130	3.764	3.757	0.007	95	750443	200.0	211.1	
66 2-ethoxy-2-methyl butane	59	4.008	4.001	0.007	91	1795877	200.0	212.9	
67 Dibromomethane	93	4.122	4.130	-0.008	95	420495	200.0	209.9	
68 n-Butanol	56	4.137	4.137	0.000	90	411854	5000.0	5427.9	
69 1,2-Dichloropropane	63	4.223	4.216	0.007	85	694341	200.0	208.5	
71 Ethyl acrylate	55	4.294	4.294	0.000	97	856777	200.0	210.8	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	906466	200.0	224.3	
* 72 1,4-Dioxane-d8	96	4.481	4.488	-0.007	0	22757	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	92	352315	400.0	417.7	
74 1,4-Dioxane	88	4.509	4.509	0.000	97	126948	4000.0	4106.1	
75 n-Propyl acetate	43	4.652	4.653	-0.001	99	943663	200.0	228.9	
76 2-Chloroethyl vinyl ether	63	4.918	4.910	0.008	96	451779	200.0	220.0	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	98	1062022	200.0	216.7	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	433545	50.0	49.9	
79 Toluene	91	5.197	5.197	0.000	93	2816051	200.0	203.8	
80 Epichlorohydrin	57	5.226	5.226	0.000	100	1229108	4000.0	4371.7	
81 2-Nitropropane	41	5.448	5.448	0.000	99	391386	400.0	457.6	
82 Tetrachloroethene	166	5.627	5.627	0.000	96	722100	200.0	207.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.670	5.663	0.007	98	3133138	1000.0	1050.6	
84 trans-1,3-Dichloropropene	75	5.698	5.698	0.000	96	1008881	200.0	232.6	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	474997	200.0	209.3	
86 Ethyl methacrylate	69	5.949	5.949	0.000	90	804426	200.0	218.1	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	760702	200.0	237.9	
88 1,3-Dichloropropane	76	6.185	6.185	0.000	96	974885	200.0	213.8	
89 Ethylene Dibromide	107	6.314	6.314	0.000	98	624669	200.0	216.6	
90 n-Butyl acetate	43	6.658	6.658	0.000	98	1073911	200.0	226.5	
91 2-Hexanone	43	6.723	6.723	0.000	98	2147737	1000.0	1102.2	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	407254	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	94	1897760	200.0	203.8	
94 Ethylbenzene	106	7.117	7.109	0.008	99	1066678	200.0	205.6	
95 1,1,1,2-Tetrachloroethane	131	7.145	7.138	0.007	94	722064	200.0	224.5	
96 m-Xylene & p-Xylene	106	7.331	7.332	-0.001	0	1306656	200.0	207.7	
97 o-Xylene	106	7.919	7.919	0.000	94	1265666	200.0	208.8	
98 Bromoform	173	7.983	7.983	0.000	94	485280	200.0	223.8	
99 Styrene	104	8.005	8.005	0.000	94	2132808	200.0	219.7	
100 n-Butyl acrylate	73	8.327	8.327	0.000	95	466909	200.0	235.7	
101 Isopropylbenzene	105	8.406	8.399	0.007	96	3301264	200.0	208.9	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	88	1285993	200.0	224.1	
\$ 103 4-Bromofluorobenzene	174	8.778	8.778	0.000	91	149348	50.0	52.3	
104 Bromobenzene	156	8.886	8.886	0.000	91	872771	200.0	204.9	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	3795489	200.0	200.6	
106 1,1,2,2-Tetrachloroethane	83	9.187	9.180	0.007	97	700150	200.0	205.2	
107 2-Chlorotoluene	91	9.208	9.208	0.000	98	2634937	200.0	202.8	
108 4-Ethyltoluene	105	9.230	9.230	0.000	98	3409680	200.0	200.6	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	95	225355	200.0	200.2	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	2871772	200.0	205.9	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	89	252231	200.0	232.6	
112 4-Chlorotoluene	91	9.480	9.480	0.000	98	2447314	200.0	204.3	
113 tert-Butylbenzene	119	9.853	9.846	0.007	95	2474828	200.0	201.2	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	95	3017136	200.0	206.4	
115 Butyl Methacrylate	87	9.982	9.982	0.000	59	968528	200.0	225.1	
116 sec-Butylbenzene	105	10.147	10.139	0.008	98	3621275	200.0	205.9	
117 1,3-Dichlorobenzene	146	10.404	10.404	0.000	96	1736894	200.0	203.3	
118 4-Isopropyltoluene	119	10.426	10.419	0.007	97	3304995	200.0	205.7	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.533	0.007	96	243759	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.562	0.000	95	1755825	200.0	198.1	
121 1,2,3-Trimethylbenzene	105	10.669	10.662	0.007	99	3128444	200.0	204.8	
122 2,3-Dihydroindene	117	10.841	10.841	0.000	94	3059845	200.0	200.2	
123 Benzyl chloride	126	11.013	11.013	0.000	98	332640	200.0	250.0	
124 p-Diethylbenzene	119	11.035	11.035	0.000	94	1759565	200.0	210.3	
125 n-Butylbenzene	91	11.121	11.114	0.007	98	2838037	200.0	218.0	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	96	1657845	200.0	205.0	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	3099479	200.0	218.8	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.288	0.000	93	161760	200.0	240.1	
129 1,3,5-Trichlorobenzene	180	12.338	12.339	0.000	98	1251920	200.0	204.9	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	95	1142029	200.0	213.6	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	95	533250	200.0	212.7	
132 Naphthalene	128	13.305	13.306	-0.001	99	2349706	200.0	233.2	
133 1,2,3-Trichlorobenzene	180	13.477	13.477	0.000	96	994181	200.0	208.4	
S 134 1,2-Dichloroethene, Total	100				0		400.0	402.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		400.0	449.3	
S 136 Xylenes, Total	100				0		400.0	416.5	
S 137 Total BTEX	1				0		1000.0	1035.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00282	Amount Added: 20.00	Units: uL	
Ethanol mix_00022	Amount Added: 20.00	Units: uL	
MIX I Hi_00101	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00077	Amount Added: 20.00	Units: uL	
ACROLEIN W_00083	Amount Added: 20.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54139.D

Injection Date: 05-Dec-2018 17:19:30

Instrument ID: CVOAMS13

Lims ID: STD200

Operator ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

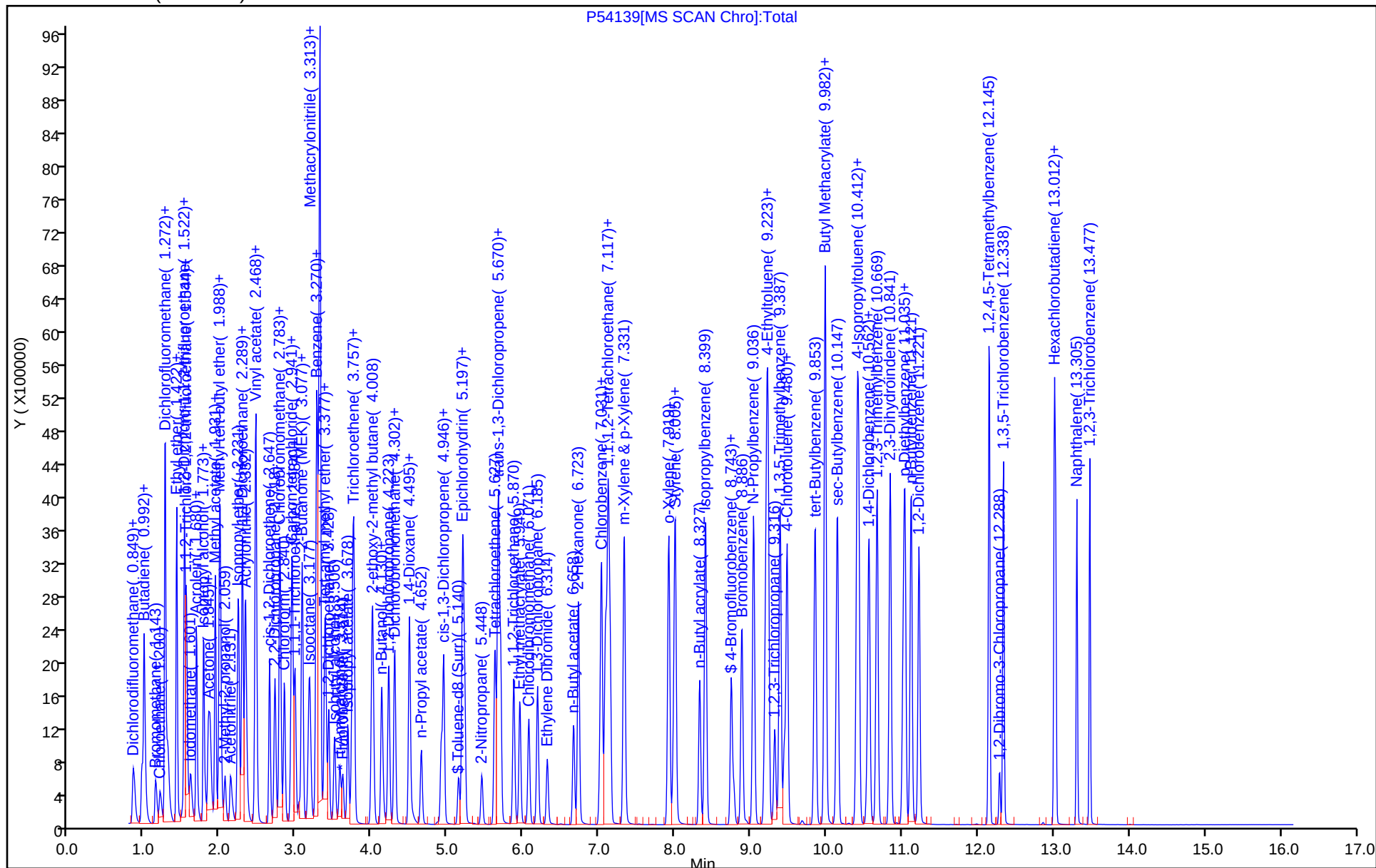
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54139.D

Injection Date: 05-Dec-2018 17:19:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

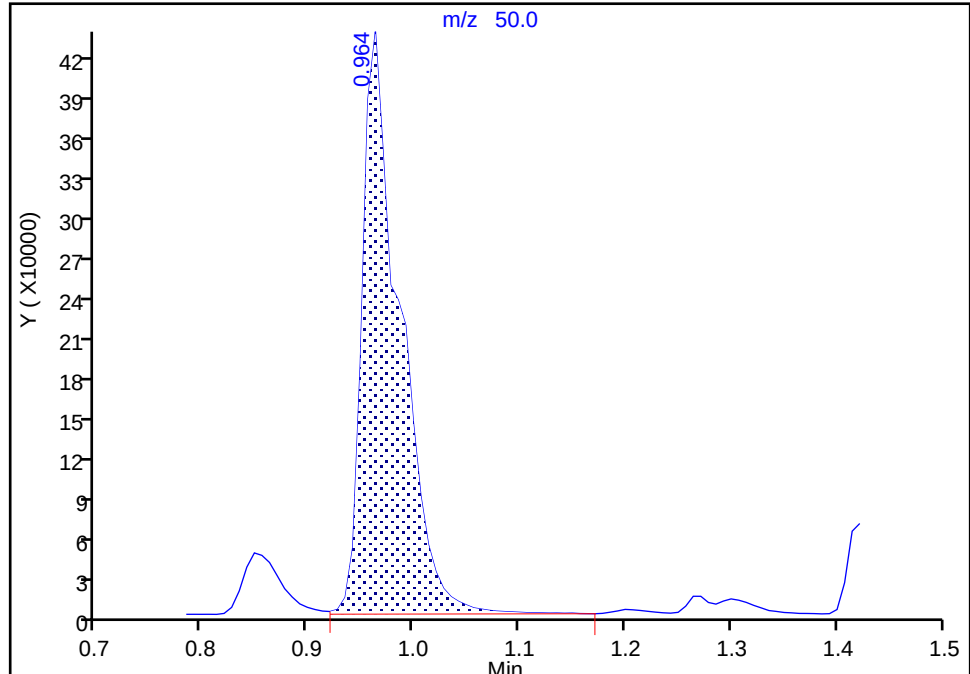
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

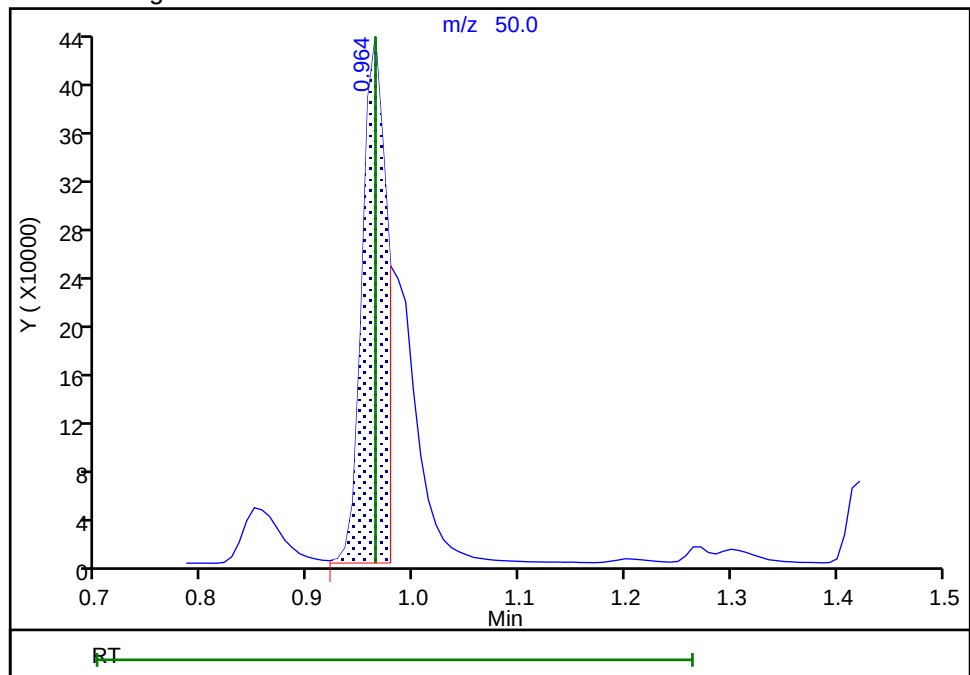
RT: 0.96
Area: 1067337
Amount: 209.8835
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 710856
Amount: 225.2746
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:51:48

Audit Action: Split an Integrated Peak

Audit Reason: Wrong peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 05-Dec-2018 17:44:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0083053-010
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-Dec-2018 13:24:09 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0307

First Level Reviewer: pakanatir

Date: 05-Dec-2018 17:20:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.842	0.842	0.000	92	285378	500.0	422.8	
2 Dichlorodifluoromethane	85	0.856	0.856	0.000	99	1373012	500.0	443.1	
3 Chloromethane	50	0.964	0.964	0.000	99	1963545	500.0	591.2	M
5 Butadiene	54	0.992	0.985	0.007	94	1437533	500.0	438.0	
4 Vinyl chloride	62	0.985	0.985	0.000	98	1675354	500.0	482.3	
6 Bromomethane	94	1.143	1.136	0.007	99	936195	500.0	556.5	
7 Chloroethane	64	1.200	1.200	0.000	99	794171	500.0	356.5	
8 Trichlorofluoromethane	101	1.272	1.264	0.008	98	2045156	500.0	452.8	
9 Pentane	72	1.264	1.272	-0.008	96	328067	1000.0	746.5	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	2677086	500.0	477.7	
12 Ethyl ether	59	1.422	1.422	0.000	95	1249680	500.0	473.7	
11 2-Methyl-1,3-butadiene	67	1.415	1.422	-0.007	92	1619006	500.0	457.1	
13 Ethanol	46	1.508	1.501	0.007	99	303062	20000	19410	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	92	1400561	500.0	418.2	
14 1,1-Dichloroethene	96	1.529	1.522	0.007	97	1215862	500.0	449.9	
16 Carbon disulfide	76	1.544	1.544	0.000	100	4175064	500.0	466.4	
17 1,1,2-Trichloro-1,2,2-trif	101	1.544	1.551	-0.007	58	1006274	500.0	428.4	
18 Iodomethane	142	1.601	1.608	-0.007	99	1684193	500.0	777.7	
19 Cyclopentene	67	1.680	1.687	-0.007	96	2943783	500.0	466.0	
20 Acrolein	56	1.708	1.701	0.007	95	181975	400.0	431.0	
21 3-Chloro-1-propene	76	1.787	1.780	0.007	87	768540	500.0	448.5	
22 Isopropyl alcohol	45	1.816	1.802	0.014	98	899862	5000.0	4741.4	
23 Methylene Chloride	84	1.845	1.845	0.000	98	1515468	500.0	459.5	
24 Acetone	43	1.866	1.859	0.007	85	2332064	2500.0	2427.3	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	96	1477047	500.0	456.9	
26 Methyl acetate	43	1.938	1.938	0.000	100	1620692	1000.0	811.6	
27 Hexane	86	1.988	1.981	0.007	87	269749	500.0	498.0	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	87	4381443	500.0	479.0	
* 29 TBA-d9 (IS)	65	2.024	2.017	0.007	0	208254	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.067	2.060	0.007	98	1384813	5000.0	4551.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.138	2.131	0.007	98	1622838	5000.0	4367.5	
32 Isopropyl ether	45	2.239	2.224	0.015	95	5649038	500.0	469.5	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	95	1318517	500.0	470.9	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	2821188	500.0	469.0	
35 Acrylonitrile	53	2.332	2.325	0.007	93	5411000	5000.0	4632.8	
36 Tert-butyl ethyl ether	59	2.468	2.461	0.007	57	5234861	500.0	474.1	
37 Vinyl acetate	43	2.468	2.468	0.000	99	7364237	1000.0	911.6	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	1715629	500.0	474.5	
39 2,2-Dichloropropane	77	2.718	2.719	-0.001	95	2243560	500.0	465.5	
40 Cyclohexane	56	2.783	2.783	0.000	94	2202089	500.0	442.0	
41 Chlorobromomethane	128	2.790	2.783	0.007	95	854781	500.0	479.4	
42 Chloroform	83	2.847	2.847	0.000	97	2718775	500.0	491.5	
43 Carbon tetrachloride	117	2.933	2.933	0.000	97	2134339	500.0	505.6	
45 Methyl acrylate	55	2.948	2.948	0.000	98	1389802	500.0	524.6	
44 Ethyl acetate	70	2.948	2.948	0.000	99	336018	1000.0	888.4	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	1211126	1000.0	928.5	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	94	113572	50.0	50.4	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	99	2411220	500.0	484.7	
* 49 2-Butanone-d5	46	3.041	3.034	0.007	0	261642	250.0	250.0	
50 2-Butanone (MEK)	72	3.077	3.077	0.000	99	896638	2500.0	2498.4	
51 1,1-Dichloropropene	75	3.084	3.077	0.007	91	1982034	500.0	442.5	
52 Isooctane	57	3.177	3.170	0.007	98	4450190	500.0	455.9	
53 n-Heptane	57	3.270	3.263	0.007	91	1012820	500.0	430.4	
54 Benzene	78	3.277	3.270	0.007	98	6213362	500.0	480.6	
55 Propionitrile	54	3.320	3.284	0.036	92	2005951	5000.0	4699.4	
56 Methacrylonitrile	67	3.327	3.306	0.021	94	5693705	5000.0	4848.3	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.377	3.370	0.007	0	124532	50.0	48.0	
58 Tert-amyl methyl ether	73	3.385	3.378	0.007	96	4622415	500.0	493.1	
59 1,2-Dichloroethane	62	3.435	3.428	0.007	97	2285668	500.0	455.8	
60 Isobutyl alcohol	43	3.521	3.506	0.015	98	1598251	12500	12975	
61 t-Amyl alcohol	59	3.585	3.571	0.014	98	1106796	5000.0	5160.0	
* 62 Fluorobenzene	96	3.614	3.614	0.000	99	507329	50.0	50.0	
63 Isopropyl acetate	43	3.685	3.678	0.007	99	3129224	500.0	491.3	
64 Methylcyclohexane	83	3.750	3.743	0.007	92	2228410	500.0	457.1	
65 Trichloroethene	130	3.764	3.757	0.007	95	1837644	500.0	491.1	
66 2-ethoxy-2-methyl butane	59	4.008	4.001	0.007	91	4382961	500.0	493.6	
67 Dibromomethane	93	4.130	4.130	0.000	94	1037048	500.0	491.8	
68 n-Butanol	56	4.151	4.137	0.014	90	1022243	12500	12972	
69 1,2-Dichloropropane	63	4.223	4.216	0.007	85	1686976	500.0	481.2	
71 Ethyl acrylate	55	4.302	4.294	0.008	97	2085833	500.0	487.4	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	2276084	500.0	535.0	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	21344	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	92	864145	1000.0	973.1	
74 1,4-Dioxane	88	4.516	4.509	0.007	97	315671	10000	10886	
75 n-Propyl acetate	43	4.652	4.653	-0.001	99	2277265	500.0	524.7	
76 2-Chloroethyl vinyl ether	63	4.918	4.910	0.008	96	1104784	500.0	511.2	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	2620953	500.0	512.0	
\$ 78 Toluene-d8 (Surr)	98	5.147	5.140	0.007	99	444590	50.0	49.0	
79 Toluene	91	5.204	5.197	0.007	93	6809258	500.0	471.8	
80 Epichlorohydrin	57	5.233	5.226	0.007	100	3016145	10000	10361	
81 2-Nitropropane	41	5.455	5.448	0.007	99	997453	1000.0	1108.1	
82 Tetrachloroethene	166	5.627	5.627	0.000	96	1738985	500.0	478.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.677	5.663	0.014	98	7506897	2500.0	2431.3	
84 trans-1,3-Dichloropropene	75	5.705	5.698	0.007	98	2506055	500.0	553.1	
85 1,1,2-Trichloroethane	83	5.877	5.870	0.007	92	1170517	500.0	493.7	
86 Ethyl methacrylate	69	5.956	5.949	0.007	90	1966793	500.0	506.6	
87 Chlorodibromomethane	129	6.078	6.071	0.007	98	1915890	500.0	573.6	
88 1,3-Dichloropropane	76	6.193	6.185	0.008	96	2377150	500.0	499.1	
89 Ethylene Dibromide	107	6.321	6.314	0.007	98	1544080	500.0	512.6	
90 n-Butyl acetate	43	6.665	6.658	0.007	98	2538963	500.0	512.6	
91 2-Hexanone	43	6.730	6.723	0.007	98	5361324	2500.0	2657.4	
* 92 Chlorobenzene-d5	117	7.016	7.009	0.007	88	425418	50.0	50.0	
93 Chlorobenzene	112	7.038	7.031	0.007	94	4626953	500.0	475.7	
94 Ethylbenzene	106	7.124	7.109	0.015	99	2573863	500.0	474.8	
95 1,1,1,2-Tetrachloroethane	131	7.152	7.138	0.014	94	1807153	500.0	538.0	
96 m-Xylene & p-Xylene	106	7.331	7.332	-0.001	0	3161859	500.0	481.1	
97 o-Xylene	106	7.926	7.919	0.007	94	3092566	500.0	488.4	
98 Bromoform	173	7.983	7.983	0.000	96	1260540	500.0	481.6	
99 Styrene	104	8.012	8.005	0.007	95	5228305	500.0	515.5	
100 n-Butyl acrylate	73	8.334	8.327	0.007	95	1163399	500.0	562.1	
101 Isopropylbenzene	105	8.413	8.399	0.014	96	7838301	500.0	474.7	
102 Amyl acetate (mixed isomer)	43	8.750	8.743	0.007	88	3188232	500.0	534.7	
\$ 103 4-Bromofluorobenzene	174	8.778	8.778	0.000	91	154583	50.0	51.8	
104 Bromobenzene	156	8.886	8.886	0.000	91	2179867	500.0	492.6	
105 N-Propylbenzene	91	9.043	9.036	0.007	99	8945946	500.0	455.0	
106 1,1,2,2-Tetrachloroethane	83	9.194	9.180	0.014	97	1730396	500.0	488.0	
107 2-Chlorotoluene	91	9.215	9.208	0.007	98	6417005	500.0	475.3	
108 4-Ethyltoluene	105	9.237	9.230	0.007	98	8202800	500.0	464.5	
109 1,2,3-Trichloropropane	110	9.323	9.316	0.007	94	556505	500.0	475.8	
110 1,3,5-Trimethylbenzene	105	9.402	9.387	0.015	93	6855784	500.0	473.1	
111 trans-1,4-Dichloro-2-buten	53	9.452	9.445	0.007	86	639590	500.0	567.8	
112 4-Chlorotoluene	91	9.488	9.480	0.008	98	5924499	500.0	476.1	
113 tert-Butylbenzene	119	9.860	9.846	0.014	94	5851465	500.0	457.9	
115 Butyl Methacrylate	87	9.989	9.982	0.007	98	2401485	500.0	478.2	
114 1,2,4-Trimethylbenzene	105	9.989	9.982	0.007	98	7132710	500.0	469.8	
116 sec-Butylbenzene	105	10.154	10.139	0.015	98	8424649	500.0	461.0	
117 1,3-Dichlorobenzene	146	10.412	10.404	0.008	96	4232958	500.0	476.9	
118 4-Isopropyltoluene	119	10.433	10.419	0.014	98	7697567	500.0	461.2	
* 119 1,4-Dichlorobenzene-d4	152	10.548	10.533	0.015	96	253250	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.569	10.562	0.007	95	4304093	500.0	467.4	
121 1,2,3-Trimethylbenzene	105	10.677	10.662	0.015	99	7549089	500.0	475.6	
122 2,3-Dihydroindene	117	10.849	10.841	0.008	94	7365690	500.0	463.8	
123 Benzyl chloride	126	11.020	11.013	0.007	98	862015	500.0	623.5	
124 p-Diethylbenzene	119	11.042	11.035	0.007	95	4207671	500.0	484.0	
125 n-Butylbenzene	91	11.128	11.114	0.014	98	6492454	500.0	480.1	
126 1,2-Dichlorobenzene	146	11.228	11.221	0.007	96	4024733	500.0	479.1	
127 1,2,4,5-Tetramethylbenzene	119	12.152	12.145	0.007	98	7453538	500.0	506.5	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.288	0.000	93	404166	500.0	577.4	
129 1,3,5-Trichlorobenzene	180	12.346	12.339	0.008	98	3046718	500.0	479.9	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	95	2758570	500.0	496.7	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	95	1214547	500.0	466.2	
132 Naphthalene	128	13.305	13.306	-0.001	99	5897032	500.0	563.3	
133 1,2,3-Trichlorobenzene	180	13.477	13.477	0.000	96	2405927	500.0	485.5	
S 134 1,2-Dichloroethene, Total	100				0		1000.0	931.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		1000.0	1065.0	
S 136 Xylenes, Total	100				0		1000.0	969.5	
S 137 Total BTEX	1				0		2500.0	2396.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00282	Amount Added: 50.00	Units: uL	
Ethanol mix_00022	Amount Added: 50.00	Units: uL	
MIX I Hi_00101	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00077	Amount Added: 50.00	Units: uL	
ACROLEIN W_00083	Amount Added: 40.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D

Injection Date: 05-Dec-2018 17:44:30

Instrument ID: CVOAMS13

Lims ID: STD500

Operator ID:

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

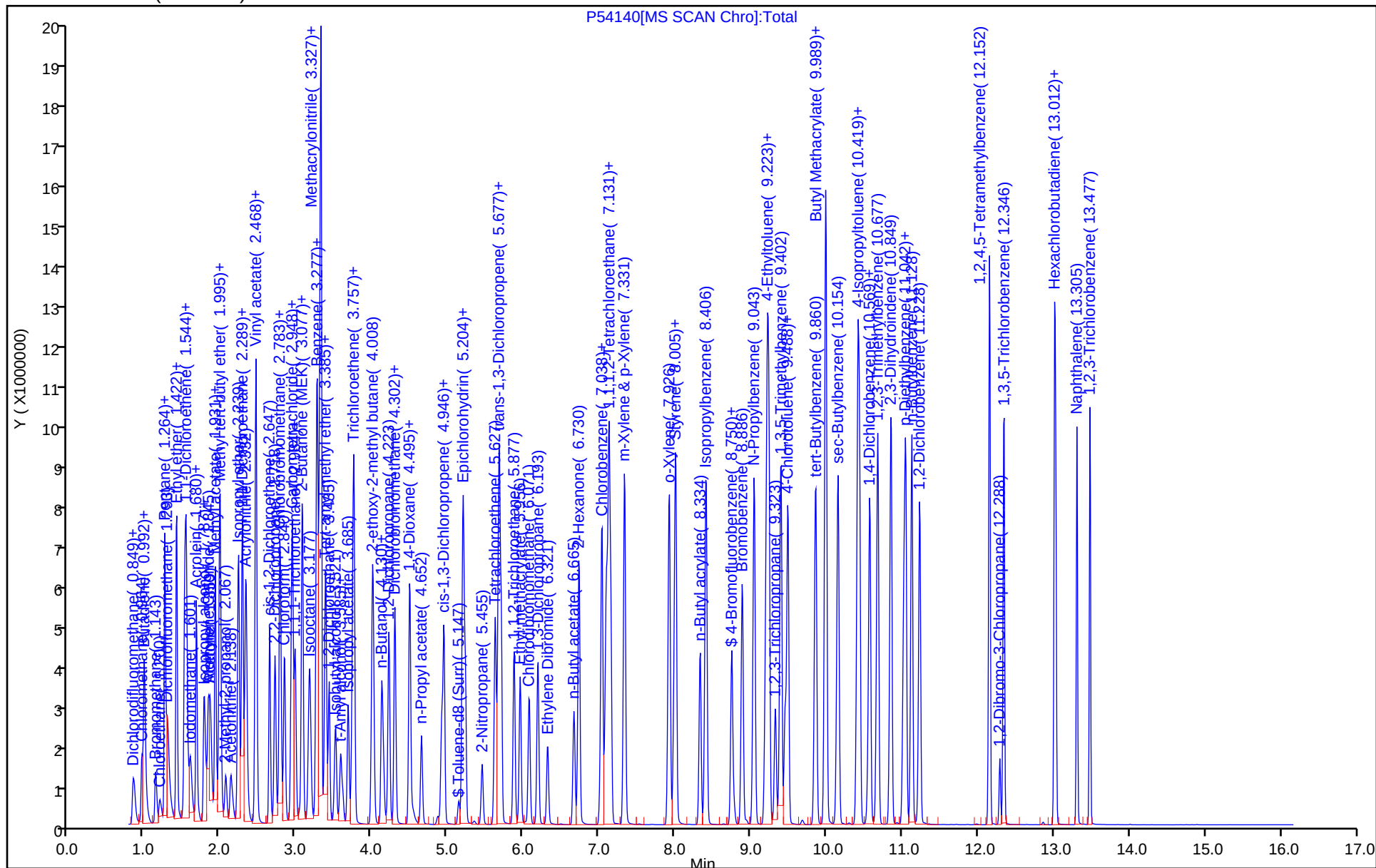
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D

Injection Date: 05-Dec-2018 17:44:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

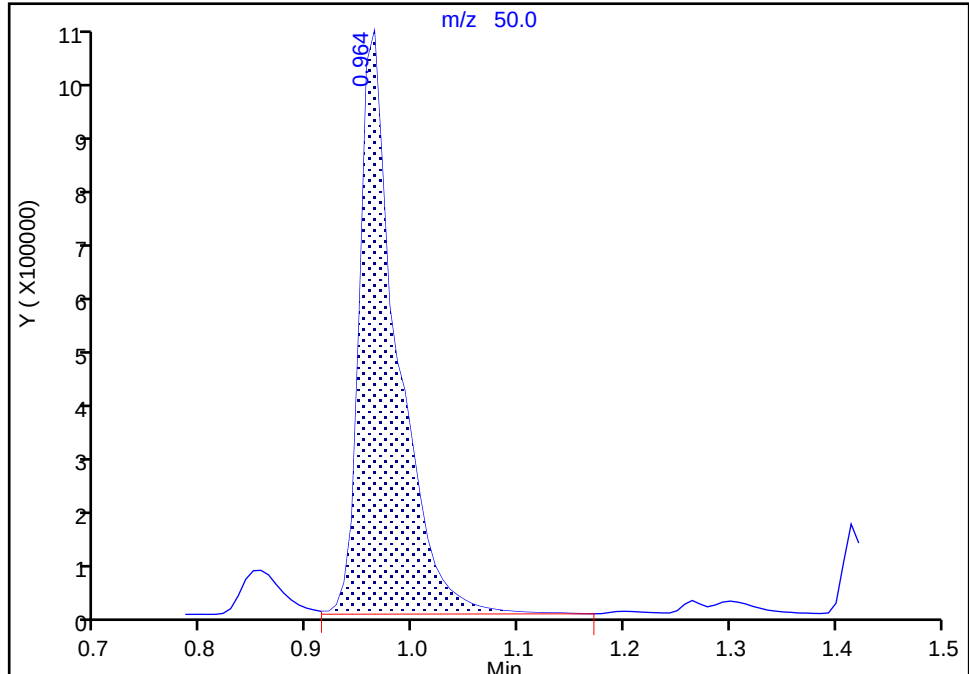
Detector: MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

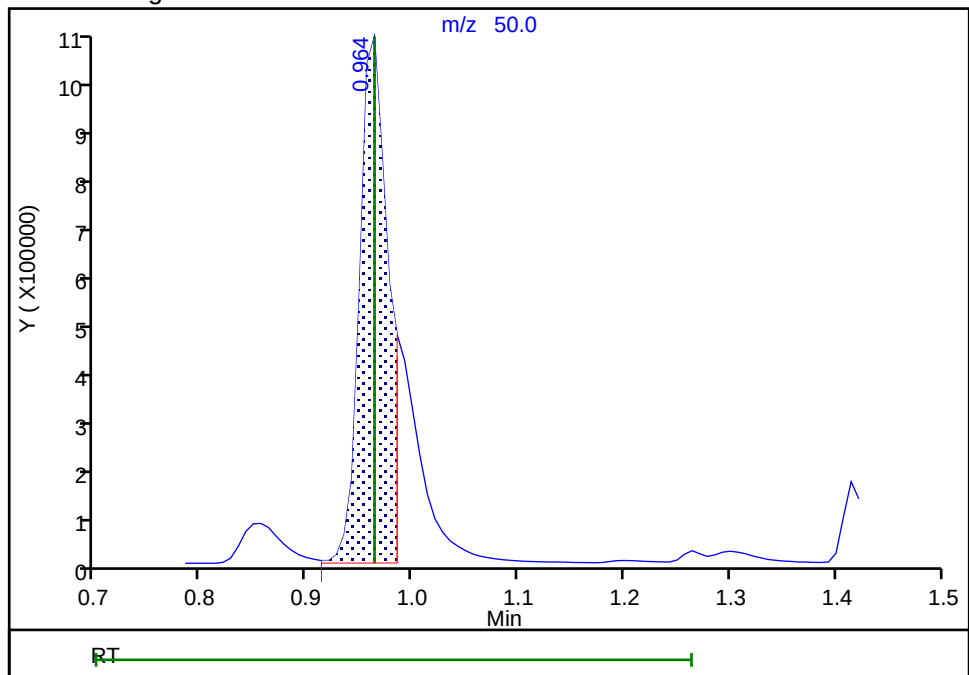
RT: 0.96
Area: 2551236
Amount: 500.0484
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 1963545
Amount: 591.2010
Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 06-Dec-2018 09:53:54

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-577330/3	P54820.D
Level 2	STD05 460-577330/4	P54821.D
Level 3	STD1 460-577330/5	P54822.D
Level 4	STD5 460-577330/6	P54823.D
Level 5	STD20 460-577330/7	P54824.D
Level 6	STD50 460-577330/8	P54825.D
Level 7	STD200 460-577330/9	P54826.D
Level 8	STD500 460-577330/10	P54827.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	++++ 0.0991	0.0816 0.0941	0.0919 0.1013	0.1168	0.0966	Ave		0.0973				11.0		20.0			
Dichlorodifluoromethane	++++ 0.3686	0.4125 0.4885	0.3631 0.4870	0.4532	0.3614	Ave		0.4192			0.1000	13.7		20.0			
Chloromethane	++++ 0.2133	0.2332 0.3298	0.2596 0.3385	0.2734	0.2106	Ave		0.2655			0.1000	19.7		20.0			
Vinyl chloride	++++ 0.3801	0.3975 0.4559	0.4094 0.4698	0.4545	0.3793	Ave		0.4209			0.1000	9.1		20.0			
Butadiene	0.3557 0.3123	0.3495 0.3977	0.3529 0.4134	0.3894	0.3117	Ave		0.3603				10.4		20.0			
Bromomethane	++++ 2.2144	1.9466 3.0243	1.8768 3.2146	1.9987	2.0190	Qua2	-0.108	2.0937	0.0025642		0.1000				0.9920		0.9900
Chloroethane	++++ 0.3422	0.2899 0.3596	0.2656 0.3613	0.3342	0.2999	Ave		0.3218			0.1000	11.5		20.0			
Pentane	++++ 2.5275	2.1530 2.5433	2.2330 2.8907	2.8311	2.3441	Ave		2.5033				11.3		20.0			
Trichlorofluoromethane	++++ 0.6216	0.5890 0.7052	0.6170 0.7540	0.6905	0.5945	Ave		0.6531			0.1000	9.7		20.0			
Dichlorofluoromethane	++++ 0.7734	0.7625 0.7714	0.8302 0.8600	0.8442	0.7377	Ave		0.7970				5.9		20.0			
2-Methyl-1,3-butadiene	++++ 0.5202	0.4576 0.5234	0.5196 0.6028	0.5937	0.4888	Ave		0.5294				9.9		20.0			
Ethyl ether	++++ 0.3229	0.3242 0.3171	0.3581 0.3468	0.3710	0.3159	Ave		0.3366				6.5		20.0			
Ethanol	++++ 0.0774	0.1173 0.0742	0.0597 0.0775	0.0943	0.0785	QuaF		0.0729	0.0000002						1.0000		0.9900
1,1-Dichloroethene	++++ 0.3385	0.3249 0.3267	0.4355 0.3664	0.4009	0.3294	Ave		0.3603			0.1000	12.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.4476	0.4453 0.4256	0.5258 0.3478	0.5178	0.4421	Ave		0.4503				13.3		20.0			
Carbon disulfide	++++ 1.1231	1.1177 1.0969	1.0729 1.2191	1.1573	1.0145	Ave		1.1145			0.1000	5.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.3272	0.3123 0.3155	0.3389 0.3697	0.3999	0.3214	Ave		0.3407			0.1000	9.5		20.0			
Iodomethane	++++ 0.2518	0.0495 0.3503	0.0600 0.3567	0.0980	0.1652	QuaF		0.3284	0.0000578						0.9990		0.9900
Cyclopentene	++++ 0.8795	0.9964 0.8735	1.0102 0.9561	1.0902	0.8663	Ave		0.9532				8.9		20.0			
Acrolein	++++ 2.1502	2.7474 2.0917	2.6015 1.7273	2.4514	2.1705	Ave		2.2771				15.2		20.0			
Allyl chloride	++++ 0.2165	0.2354 0.2099	0.2438 0.1947	0.2507	0.2072	Ave		0.2226				9.4		20.0			
Isopropyl alcohol	++++ 0.8845	1.0990 0.8462	1.0934 0.8491	1.0134	0.8395	Ave		0.9465				12.5		20.0			
Methylene Chloride	++++ 0.4148	0.4524 0.3985	0.4950 0.4049	0.4929	0.4040	Ave		0.4375			0.1000	9.7		20.0			
Acetone	++++ 0.9500	1.4939 1.0194	1.3073 1.0130	1.1257	0.9177	Qua2	1.3523	0.9850	0.0000117		0.0500				0.9960		0.9900
trans-1,2-Dichloroethene	++++ 0.3851	0.4466 0.3795	0.4281 0.3922	0.4392	0.3824	Ave		0.4076			0.1000	7.2		20.0			
Methyl acetate	++++ 8.9546	8.9952 7.9616	10.186 6.9257	10.954	9.0458	Ave		9.0033			0.1000	14.8		20.0			
Hexane	++++ 0.0615	0.0744 0.0638	0.0566 0.0672	0.0682	0.0636	Ave		0.0650				8.7		20.0			
Methyl tert-butyl ether	++++ 1.1939	1.1239 1.1864	1.2181 1.2156	1.3376	1.1602	Ave		1.2051			0.1000	5.6		20.0			
2-Methyl-2-propanol	++++ 1.4235	1.7788 1.3745	1.5527 1.4043	1.6471	1.3539	Ave		1.5050				10.6		20.0			
Acetonitrile	++++ 1.5726	1.8677 1.5426	1.7890 1.3946	1.8520	1.5486	Ave		1.6524				11.1		20.0			
Isopropyl ether	++++ 1.3158	1.3235 1.3153	1.4233 1.3289	1.4722	1.2812	Ave		1.3514				5.1		20.0			
2-Chloro-1,3-butadiene	++++ 0.3568	0.3771 0.3588	0.3807 0.3716	0.3982	0.3391	Ave		0.3689				5.2		20.0			
1,1-Dichloroethane	++++ 0.7429	0.8571 0.7255	0.8047 0.7586	0.8560	0.7285	Ave		0.7819			0.2000	7.3		20.0			
Acrylonitrile	0.1403 0.1349	0.1256 0.1350	0.1402 0.1404	0.1540	0.1307	Ave		0.1376				6.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Tert-butyl ethyl ether	++++ 1.3023	1.2712 1.3297	1.3280 1.4117	1.4332	1.2498	Ave		1.3323				5.1		20.0			
Vinyl acetate	++++ 0.9224	0.8476 0.8942	0.8371 0.9712	0.9901	0.9027	Ave		0.9093				6.3		20.0			
cis-1,2-Dichloroethene	++++ 0.4267	0.4179 0.3919	0.4198 0.4199	0.4448	0.3847	Ave		0.4151			0.1000	4.9		20.0			
2,2-Dichloropropane	++++ 0.5709	0.5897 0.5503	0.6223 0.5834	0.6132	0.5186	Ave		0.5783				6.2		20.0			
Cyclohexane	++++ 0.5144	0.5125 0.5023	0.5026 0.5294	0.5911	0.4826	Ave		0.5193			0.1000	6.7		20.0			
Chlorobromomethane	++++ 0.1930	0.1906 0.1897	0.1883 0.1926	0.2123	0.1844	Ave		0.1930				4.7		20.0			
Chloroform	++++ 0.6625	0.7161 0.6551	0.6585 0.6679	0.7682	0.6384	Ave		0.6810			0.2000	6.7		20.0			
Carbon tetrachloride	++++ 0.4598	0.4119 0.4702	0.4763 0.5156	0.4759	0.4215	Ave		0.4616			0.1000	7.7		20.0			
Ethyl acetate	++++ 0.3767	0.4134 0.3948	0.4461 0.4200	0.4332	0.3788	Ave		0.4090				6.5		20.0			
Methyl acrylate	++++ 0.3199	0.3643 0.3282	0.3315 0.3326	0.3181	0.2864	Ave		0.3259				7.1		20.0			
Tetrahydrofuran	++++ 1.3142	1.4247 1.3355	1.3627 1.4212	1.4620	1.2610	Ave		1.3688				5.2		20.0			
1,1,1-Trichloroethane	++++ 0.5739	0.5876 0.5598	0.5649 0.5927	0.6275	0.5376	Ave		0.5777			0.1000	5.0		20.0			
2-Butanone (MEK)	++++ 0.4229	0.5447 0.4352	0.4213 0.4662	0.4501	0.3998	Ave		0.4486			0.0500	10.6		20.0			
1,1-Dichloropropene	++++ 0.5396	0.7421 0.5187	0.6967 0.5476	0.6399	0.5071	Ave		0.5988				15.7		20.0			
2,2,4-Trimethylpentane	++++ 0.6170	0.7029 0.6360	0.5631 0.6257	0.7409	0.5985	Ave		0.6406				9.6		20.0			
n-Heptane	++++ 0.1443	0.2081 0.1615	0.1758 0.1675	0.1767	0.1482	Ave		0.1689				12.6		20.0			
Benzene	++++ 1.7944	1.9378 1.7632	1.9028 1.8603	1.9748	1.7052	Ave		1.8484			0.5000	5.3		20.0			
Propionitrile	++++ 1.9368	1.7612 1.9078	1.9817 2.1649	2.0745	1.8511	Ave		1.9540				6.9		20.0			
Methacrylonitrile	++++ 0.1571	0.1357 0.1602	0.1462 0.1693	0.1629	0.1455	Ave		0.1538				7.6		20.0			
Tert-amyl methyl ether	++++ 1.1577	1.0145 1.1743	1.0866 1.2261	1.2206	1.0784	Ave		1.1369				7.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	++++ 0.5850	0.7381 0.5583	0.6427 0.5801	0.6782	0.5588	Ave		0.6202			0.1000	11.1		20.0			
Isobutyl alcohol	++++ 0.5405	0.3413 0.5569	0.3946 0.6008	0.4674	0.4556	Ave		0.4796				19.3		20.0			
Isopropyl acetate	++++ 0.7085	0.6625 0.7163	0.6697 0.7275	0.7655	0.6562	Ave		0.7009				5.7		20.0			
Methylcyclohexane	++++ 0.4269	0.4632 0.4388	0.4106 0.4566	0.4871	0.4150	Ave		0.4426			0.1000	6.3		20.0			
Trichloroethene	++++ 0.4137	0.4040 0.4108	0.4036 0.4299	0.4585	0.3873	Ave		0.4154			0.2000	5.5		20.0			
Dibromomethane	++++ 0.2548	0.2269 0.2546	0.2527 0.2634	0.2918	0.2470	Ave		0.2559				7.6		20.0			
n-Butanol	++++ 0.3378	0.2585 0.3754	0.2012 0.3958	0.2556	0.2840	QuaF		0.3560	0.0000032						1.0000		0.9900
1,2-Dichloropropane	++++ 0.4051	0.3930 0.4009	0.4340 0.4074	0.4587	0.3874	Ave		0.4124			0.1000	6.1		20.0			
Ethyl acrylate	++++ 0.4894	0.3807 0.4940	0.3447 0.5003	0.4717	0.4334	Ave		0.4449				13.8		20.0			
Bromodichloromethane	++++ 0.5380	0.4681 0.5447	0.4774 0.5705	0.5533	0.4976	Ave		0.5214			0.2000	7.7		20.0			
Methyl methacrylate	++++ 0.1078	0.0806 0.1103	0.0808 0.1111	0.1098	0.1008	Ave		0.1002				13.7		20.0			
1,4-Dioxane	++++ 1.6572	1.4813 1.6014	1.6590 1.5065	1.6086	1.6681	Ave		1.5975				4.7		20.0			
n-Propyl acetate	++++ 0.5197	0.4708 0.5172	0.4234 0.5230	0.5198	0.4743	Ave		0.4926				7.7		20.0			
2-Chloroethyl vinyl ether	++++ 0.2632	0.1796 0.2630	0.2091 0.2678	0.2582	0.2465	Ave		0.2410				14.0		20.0			
cis-1,3-Dichloropropene	++++ 0.7140	0.6146 0.7356	0.5472 0.7824	0.7027	0.6417	Ave		0.6769			0.2000	11.8		20.0			
Toluene	++++ 1.9931	2.1372 1.9249	2.1520 2.0229	2.2395	1.9172	Ave		2.0553			0.4000	6.0		20.0			
Epichlorohydrin	0.2892 0.3384	0.2830 0.3334	0.2777 0.3653	0.3165	0.3033	Ave		0.3133				9.8		20.0			
2-Nitropropane	++++ 0.0966	0.0564 0.1105	0.0779 0.1186	0.0729	0.0784	QuaF		0.1031	0.0000156						1.0000		0.9900
Tetrachloroethene	++++ 0.4496	0.4486 0.4337	0.4945 0.4543	0.4994	0.4200	Ave		0.4572			0.2000	6.5		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 3.4468	2.7739 3.4326	3.1406 3.6747	3.4772	3.2458	Ave		3.3131			0.0500	8.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	++++ 0.6832	0.3976 0.7155	0.4823 0.7719	0.5736	0.5826	Qua2	-0.116	0.6177	0.0003400		0.1000				0.9970		0.9900
1,1,2-Trichloroethane	++++ 0.3399	0.2992 0.3342	0.3494 0.3462	0.3634	0.3190	Ave		0.3359			0.1000	6.3		20.0			
Ethyl methacrylate	++++ 0.5044	0.3217 0.5052	0.3826 0.5150	0.4816	0.4566	Ave		0.4525				16.2		20.0			
Chlorodibromomethane	++++ 0.4388	0.3259 0.4654	0.3372 0.4985	0.4110	0.3915	Ave		0.4097			0.1000	15.6		20.0			
1,3-Dichloropropane	++++ 0.7236	0.6402 0.7080	0.6892 0.7251	0.7691	0.6817	Ave		0.7053				5.7		20.0			
Ethylene Dibromide	++++ 0.4162	0.3154 0.4205	0.3612 0.4289	0.4310	0.3867	Ave		0.3943			0.1000	10.9		20.0			
n-Butyl acetate	++++ 0.6671	0.5336 0.6789	0.4534 0.6712	0.5742	0.5841	Ave		0.5946				14.1		20.0			
2-Hexanone	++++ 2.3575	1.6090 2.4137	1.5878 2.5690	2.2771	2.2064	Ave		2.1458			0.0500	18.2		20.0			
Chlorobenzene	++++ 1.2863	1.3130 1.2494	1.3105 1.3014	1.4082	1.2300	Ave		1.2998			0.5000	4.4		20.0			
Ethylbenzene	++++ 0.6901	0.6456 0.6713	0.6683 0.7109	0.7504	0.6446	Ave		0.6830			0.1000	5.5		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4325	0.3835 0.4512	0.3893 0.4830	0.4054	0.3888	Ave		0.4191				9.0		20.0			
m-Xylene & p-Xylene	++++ 0.8378	0.7494 0.8113	0.7171 0.8520	0.8502	0.7858	Ave		0.8005			0.1000	6.5		20.0			
o-Xylene	++++ 0.8197	0.7827 0.7979	0.7636 0.8351	0.8687	0.7969	Ave		0.8092			0.3000	4.3		20.0			
Bromoform	++++ 0.2676	0.1527 0.3125	0.1914 0.3432	0.2275	0.2296	Qua2	-0.048	0.2446	0.0002180		0.1000				0.9970		0.9900
Styrene	++++ 1.3917	1.0893 1.4187	1.0325 1.4779	1.3220	1.3115	Ave		1.2919			0.3000	13.0		20.0			
n-Butyl acrylate	++++ 0.3190	0.2360 0.3471	0.1526 0.3634	0.2268	0.2560	QuaF		0.3314	0.0000642						1.0000		0.9900
Isopropylbenzene	++++ 1.9139	1.9412 1.8620	1.8011 1.9288	2.0817	1.8076	Ave		1.9052			0.1000	5.0		20.0			
Amyl acetate (mixed isomers)	++++ 1.3466	0.7816 1.4147	0.9193 1.4714	1.1029	1.1908	Qua2	-0.242	1.2255	0.0005692						0.9970		0.9900
Bromobenzene	++++ 0.9936	1.0793 0.9625	1.0771 0.9954	1.0935	0.9396	Ave		1.0201				6.1		20.0			
N-Propylbenzene	++++ 3.7459	3.2623 3.6220	3.8640 3.6680	4.1079	3.6390	Ave		3.7013				7.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330
SDG No.: _____
Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	++++ 0.8914	0.9258 0.8759	0.8969 0.9094	0.9547	0.8498	Ave		0.9006			0.3000	3.8		20.0			
2-Chlorotoluene	++++ 2.8549	2.7190 2.7773	2.8551 2.9021	3.0613	2.7617	Ave		2.8474				4.0		20.0			
4-Ethyltoluene	++++ 3.2807	2.8618 3.2027	3.2221 3.2418	3.5346	3.1184	Ave		3.2089				6.2		20.0			
1,2,3-Trichloropropane	++++ 0.2724	0.2369 0.2647	0.3006 0.2711	0.2992	0.2664	Ave		0.2730				8.0		20.0			
1,3,5-Trimethylbenzene	++++ 2.6972	2.2573 2.6239	2.4660 2.6731	2.8779	2.5617	Ave		2.5939				7.5		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2384	0.1456 0.2841	0.2515 0.3047	0.1718	0.2020	QuaF		0.2637	0.0000824						1.0000		0.9900
4-Chlorotoluene	++++ 2.6470	2.5424 2.6152	2.4961 2.6885	2.7618	2.5423	Ave		2.6133				3.6		20.0			
tert-Butylbenzene	++++ 2.0968	2.0384 2.0039	2.0501 2.0373	2.2475	1.9898	Ave		2.0663				4.2		20.0			
1,2,4-Trimethylbenzene	++++ 2.8947	2.6833 2.8842	2.5915 2.9943	3.0474	2.7696	Ave		2.8379				5.8		20.0			
Butyl Methacrylate	++++ 0.9705	0.4182 1.1631	0.4242 1.2743	0.6255	0.7603	QuaF		1.0617	0.0004271						1.0000		0.9900
sec-Butylbenzene	++++ 2.8203	2.7167 2.7627	2.9103 2.7930	2.9984	2.6720	Ave		2.8105				4.0		20.0			
1,3-Dichlorobenzene	++++ 1.7212	1.5322 1.6685	1.6727 1.7283	1.7601	1.6314	Ave		1.6735			0.6000	4.5		20.0			
4-Isopropyltoluene	++++ 2.5420	2.3657 2.5086	2.3129 2.5442	2.6011	2.3794	Ave		2.4648				4.5		20.0			
1,4-Dichlorobenzene	++++ 1.7517	1.9555 1.7180	2.0373 1.7598	1.9700	1.6827	Ave		1.8393			0.5000	7.8		20.0			
1,2,3-Trimethylbenzene	++++ 3.1380	2.9768 3.0645	2.9325 3.0834	3.3149	2.9849	Ave		3.0707				4.2		20.0			
Indan	++++ 3.2425	2.6666 3.1930	2.9190 3.1952	3.4503	3.0779	Ave		3.1064				8.1		20.0			
Benzyl chloride	++++ 0.2415	0.0751 0.3234	0.0718 0.3712	0.1379	0.1760	QuaF		0.2805	0.0001821						1.0000		0.9900
p-Diethylbenzene	++++ 1.3091	1.0074 1.2919	1.0843 1.2938	1.2881	1.2028	Ave		1.2111				9.9		20.0			
n-Butylbenzene	++++ 2.0972	1.7454 2.1094	1.7552 2.1024	1.9831	1.9230	Ave		1.9594				8.1		20.0			
1,2-Dichlorobenzene	++++ 1.7001	1.4474 1.6634	1.6542 1.6981	1.8110	1.6051	Ave		1.6542			0.4000	6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetramethylbenzene	++++ 2.3054	1.7380 2.3160	1.8220 2.3818	2.1736	2.1167	Ave		2.1219				11.8		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1723	0.1066 0.1895	0.1106 0.1970	0.1475	0.1463	Qua2	-0.029	0.1557	0.0000961		0.0500				0.9940		0.9900
1,3,5-Trichlorobenzene	++++ 1.0021	0.9138 0.9868	0.9621 0.9740	1.0136	0.9321	Ave		0.9692				3.7		20.0			
1,2,4-Trichlorobenzene	++++ 0.9630	0.7904 0.9570	0.7653 0.9821	0.9308	0.8780	Ave		0.8952			0.2000	9.7		20.0			
Hexachlorobutadiene	++++ 0.3658	0.3111 0.3736	0.3621 0.3833	0.3805	0.3278	Ave		0.3577				7.7		20.0			
Naphthalene	++++ 2.1168	1.7774 2.3513	1.4761 2.4937	1.6717	1.7843	Ave		1.9530				19.2		20.0			
1,2,3-Trichlorobenzene	++++ 0.8800	0.7278 0.8749	0.7484 0.8827	0.8472	0.8184	Ave		0.8256				7.8		20.0			
Dibromofluoromethane (Surr)	0.2469 0.2511	0.2492 0.2621	0.2538 0.2585	0.2849	0.2462	Ave		0.2566				5.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3169 0.3039	0.3207 0.3214	0.3328 0.3233	0.3712	0.3116	Ave		0.3252				6.3		20.0			
Toluene-d8 (Surr)	1.2025 1.2073	1.2298 1.2226	1.2363 1.2142	1.3755	1.2038	Ave		1.2365				4.6		20.0			
4-Bromofluorobenzene	0.3718 0.3941	0.3784 0.4018	0.3858 0.4058	0.4353	0.3884	Ave		0.3952				5.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-577330/3	P54820.D
Level 2	STD05 460-577330/4	P54821.D
Level 3	STD1 460-577330/5	P54822.D
Level 4	STD5 460-577330/6	P54823.D
Level 5	STD20 460-577330/7	P54824.D
Level 6	STD50 460-577330/8	P54825.D
Level 7	STD200 460-577330/9	P54826.D
Level 8	STD500 460-577330/10	P54827.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 48055	364 191974	814 552474	4645	18016	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 178678	1840 996867	3216 2654981	18023	67415	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 103393	1040 672863	2299 1845533	10871	39295	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 184288	1773 930302	3626 2560978	18076	70754	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	798 151387	1559 811451	3126 2253755	15484	58154	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Qua2	++++ 114957	897 655851	1725 1780811	8485	39742	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	++++ 165910	1293 733704	2352 1969566	13292	55951	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	TBAd 9	Ave	++++ 62561	489 273291	1015 824346	5808	22066	++++ 100	1.00 400	2.00 1000	10.0	40.0
Trichlorofluoromethane	FB	Ave	++++ 301314	2627 1438985	5465 4110483	27460	110911	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 374920	3401 1573927	7353 4688037	33572	137620	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 252204	2041 1067890	4602 3285994	23611	91191	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl ether	FB	Ave	++++ 156558	1446 646994	3172 1890510	14754	58939	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethanol	TBAd 9	QuaF	++++ 38303	533 159487	543 441815	3871	14786	++++ 2000	20.0 8000	40.0 20000	200	800
1,1-Dichloroethene	FB	Ave	++++ 164087	1449 666547	3857 1997663	15942	61453	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 216975	1986 868418	4657 1896266	20591	82475	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbon disulfide	FB	Ave	++++ 544450	4985 2238276	9503 6646158	46024	189251	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 158633	1393 643699	3002 2015385	15903	59953	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Iodomethane	FB	QuaF	++++ 122068	221 714727	531 1944533	3898	30820	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	++++ 426360	4444 1782419	8947 5212050	43357	161608	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd 9	Ave	++++ 53223	1248 112383	2365 246284	10058	20432	++++ 100	2.00 200	4.00 500	20.0	40.0
Allyl chloride	FB	Ave	++++ 104948	1050 428211	2159 1061163	9970	38655	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Ave	++++ 109465	1248 454666	2485 1210750	10395	39514	++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	++++ 201107	2018 813078	4384 2207448	19603	75369	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Qua2	++++ 246582	3442 1105360	6008 2805776	23894	90323	++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,2-Dichloroethene	FB	Ave	++++ 186675	1992 774290	3792 2138294	17468	71332	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	TBAd 9	Ave	++++ 221648	2043 855512	4630 1974977	22473	85151	++++ 100	1.00 400	2.00 1000	10.0	40.0
Hexane	FB	Ave	++++ 29803	332 130210	501 366165	2712	11858	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	++++ 578775	5013 2420856	10789 6627094	53193	216439	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 176176	2020 738496	3529 2002316	16895	63722	++++ 500	5.00 2000	10.0 5000	50.0	200
Acetonitrile	TBAd 9	Ave	++++ 194631	2121 828783	4066 1988443	18997	72885	++++ 500	5.00 2000	10.0 5000	50.0	200
Isopropyl ether	FB	Ave	++++ 637863	5903 2683839	12606 7244257	58545	239018	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 172964	1682 732221	3372 2025904	15835	63261	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	++++ 360154	3823 1480455	7127 4135503	34040	135898	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2517 653869	5601 2754970	12417 7652172	61247	243756	2.00 500	5.00 2000	10.0 5000	50.0	200
Tert-butyl ethyl ether	FB	Ave	++++ 631310	5670 2713283	11762 7696020	56997	233154	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	FB	Ave	++++ 894294	7561 3648988	14828 10588691	78746	336804	++++ 100	1.00 400	2.00 1000	10.0	40.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
cis-1,2-Dichloroethene	FB	Ave	+++++ 206837	1864 799668	3718 2289176	17689	71764	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 276736	2630 1122816	5512 3180401	24385	96744	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 249355	2286 1024944	4452 2886189	23507	90037	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobromomethane	FB	Ave	+++++ 93578	850 387075	1668 1050027	8443	34396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroform	FB	Ave	+++++ 321155	3194 1336777	5832 3641222	30551	119093	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 222889	1837 959511	4219 2810739	18925	78631	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	+++++ 39108	381 171253	820 465375	3678	14912	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 155085	1625 669783	2936 1813281	12649	53422	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 136457	1313 579233	2505 1574643	12413	49644	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,1,1-Trichloroethane	FB	Ave	+++++ 278210	2621 1142273	5003 3230928	24955	100297	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 109780	1255 471913	1936 1291449	9553	39346	+++++ 250	2.50 1000	5.00 2500	25.0	100
1,1-Dichloropropene	FB	Ave	+++++ 261575	3310 1058444	6171 2985414	25446	94603	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2,4-Trimethylpentane	FB	Ave	+++++ 299090	3135 1297710	4987 3411114	29465	111655	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 69977	928 329452	1557 913207	7028	27638	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	+++++ 764236	7564 3152276	14814 8742986	69772	281772	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	+++++ 239698	2000 1025007	4504 3086765	21279	87127	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methacrylonitrile	FB	Ave	+++++ 761359	6053 3269809	12950 9226886	64794	271400	+++++ 500	5.00 2000	10.0 5000	50.0	200
Tert-amyl methyl ether	FB	Ave	+++++ 561205	4525 2396146	9624 6684306	48540	201170	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 283606	3292 1139222	5692 3162210	26972	104252	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	+++++ 167230	969 747983	2242 2141440	11985	53608	+++++ 1250	12.5 5000	25.0 12500	125	500
Isopropyl acetate	FB	Ave	+++++ 343467	2955 1461533	5932 3966044	30442	122409	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Methylcyclohexane	FB	Ave	++++ 206954	2066 895412	3637 2489284	19372	77416	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	++++ 200553	1802 838166	3575 2343326	18232	72252	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	++++ 123516	1012 519461	2238 1435985	11604	46082	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	QuaF	++++ 104518	734 504207	1143 1410798	6554	33418	++++ 1250	12.5 5000	25.0 12500	125	500
1,2-Dichloropropane	FB	Ave	++++ 196364	1753 818111	3844 2220910	18240	72271	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	++++ 237231	1698 1008070	3053 2727181	18758	80848	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	++++ 260829	2088 1111474	4228 3110051	22003	92824	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 104532	719 450137	1432 1211729	8737	37613	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 43733	879 178567	2066 480655	3638	15934	++++ 1000	25.0 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	++++ 251956	2100 1055412	3750 2851317	20670	88472	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 127578	801 536668	1852 1459676	10270	45976	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 304089	2399 1315154	4260 3677374	24828	106035	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Toluene	CBNZ d5	Ave	++++ 848847	8342 3441397	16754 9507505	79124	316802	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Epichlorohydrin	BUT	Ave	1368 351309	2608 1446013	5104 4046938	26871	119397	5.00 1000	10.0 4000	20.0 10000	100	400
2-Nitropropane	FB	QuaF	++++ 93635	503 450852	1380 1292602	5796	29263	++++ 100	1.00 400	2.00 1000	10.0	40.0
Tetrachloroethene	CBNZ d5	Ave	++++ 191497	1751 775390	3850 2135185	17646	69404	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 894680	6391 3722012	14433 10178558	73808	319444	++++ 250	2.50 1000	5.00 2500	25.0	100
trans-1,3-Dichloropropene	CBNZ d5	Qua2	++++ 290976	1552 1279139	3755 3627639	20267	96262	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 144774	1168 597529	2720 1627020	12841	52719	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	FB	Ave	++++ 244531	1435 1030828	3389 2807553	19154	85185	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 186870	1272 831957	2625 2343112	14522	64688	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3-Dichloropropane	CBNZ d5	Ave	++++ 308159	2499 1265802	5366 3407865	27175	112646	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 177268	1231 751722	2812 2015950	15228	63903	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZ d5	Ave	++++ 284096	2083 1213743	3530 3154442	20288	96510	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 611949	3707 2617253	7297 7115911	48335	217152	++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorobenzene	CBNZ d5	Ave	++++ 547834	5125 2233622	10203 6116535	49755	203242	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 293900	2520 1200100	5203 3341286	26514	106520	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 184204	1497 806665	3031 2269996	14323	64238	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 356818	2925 1450440	5583 4004137	30040	129839	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 349102	3055 1426517	5945 3924944	30692	131680	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Qua2	++++ 113978	596 558624	1490 1612817	8037	37934	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	++++ 592726	4252 2536312	8038 6946154	46708	216717	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	QuaF	++++ 135854	921 620559	1188 1707950	8013	42295	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	++++ 815099	7577 3328875	14022 9065120	73549	298692	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Qua2	++++ 329624	1686 1476064	3933 4073481	21918	111821	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	++++ 243214	2328 1004240	4608 2755818	21730	88236	++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	++++ 916945	7037 3779209	16531 10154717	81634	341730	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 218205	1997 913929	3837 2517757	18972	79798	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	++++ 698846	5865 2897801	12215 8034160	60835	259349	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	++++ 803069	6173 3341662	13785 8974633	70241	292842	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 66689	511 276145	1286 750448	5945	25015	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 660225	4869 2737776	10550 7400216	57191	240562	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCBd 4	QuaF	+++++ 58349	314 296416	1076 843581	3414	18973	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 647953	5484 2728636	10679 7442955	54884	238745	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 513267	4397 2090805	8771 5640203	44663	186861	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 708583	5788 3009312	11087 8289568	60560	260087	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	QuaF	+++++ 237570	902 1213557	1815 3527906	12430	71396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 690356	5860 2882595	12451 7732264	59586	250924	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 421318	3305 1740937	7156 4784814	34977	153199	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 622233	5103 2617502	9895 7043594	51690	223440	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 428779	4218 1792521	8716 4872037	39149	158016	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 768140	6421 3197458	12546 8536072	65875	280309	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	+++++ 793708	5752 3331555	12488 8845794	68565	289041	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	QuaF	+++++ 59127	162 337394	307 1027754	2741	16531	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 320449	2173 1347970	4639 3581860	25598	112956	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	+++++ 513359	3765 2200934	7509 5820328	39408	180584	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 416154	3122 1735573	7077 4701207	35988	150728	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 564319	3749 2416516	7795 6593774	43195	198772	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Qua2	+++++ 42174	230 197738	473 545288	2932	13743	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 245297	1971 1029614	4116 2696520	20143	87530	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 235737	1705 998517	3274 2719011	18498	82450	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 89547	671 389799	1549 1061277	7561	30783	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	+++++ 518155	3834 2453309	6315 6903565	33220	167564	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: TestAmerica Edison Job No.: 460-171555-1 Analy Batch No.: 577330

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2018 07:12 Calibration End Date: 12/20/2018 10:10 Calibration ID: 72574

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 215403	1570 912825	3202 2443659	16836	76857	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	110775 121724	111158 133709	112394 140941	113314	114807	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	142170 147328	143018 163931	147390 176248	147617	145329	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	472520 514191	480015 546426	481248 570651	485985	497306	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	146116 167826	147703 179568	150169 190702	153796	160455	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 20-Dec-2018 07:12:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0083907-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:28:46 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: boykink

Date: 20-Dec-2018 06:40:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Butadiene	54	0.985	0.985	0.000	92	798	0.2500	0.2468	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	228273	1000.0	1000.0	
35 Acrylonitrile	53	2.332	2.332	0.000	92	2517	2.00	2.04	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	96	110775	50.0	48.1	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	236535	250.0	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.370	0.000	0	142170	50.0	48.7	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	448639	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	24983	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	472520	50.0	48.6	
80 Epichlorohydrin	57	5.240	5.240	0.000	88	1368	5.00	4.61	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	392955	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	90	146116	50.0	47.0	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	97	213672	50.0	50.0	

Reagents:

ACROLEIN W_00084	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 0.00	Units: uL	
GASES Li_00292	Amount Added: 2.50	Units: uL	
GAS Hi_00285	Amount Added: 0.00	Units: uL	
14DIOXINTER_00094	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00056	Amount Added: 20.00	Units: uL	
Ethanol mix_00022	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00077	Amount Added: 0.00	Units: uL	
MIX I Hi_00101	Amount Added: 0.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD8

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

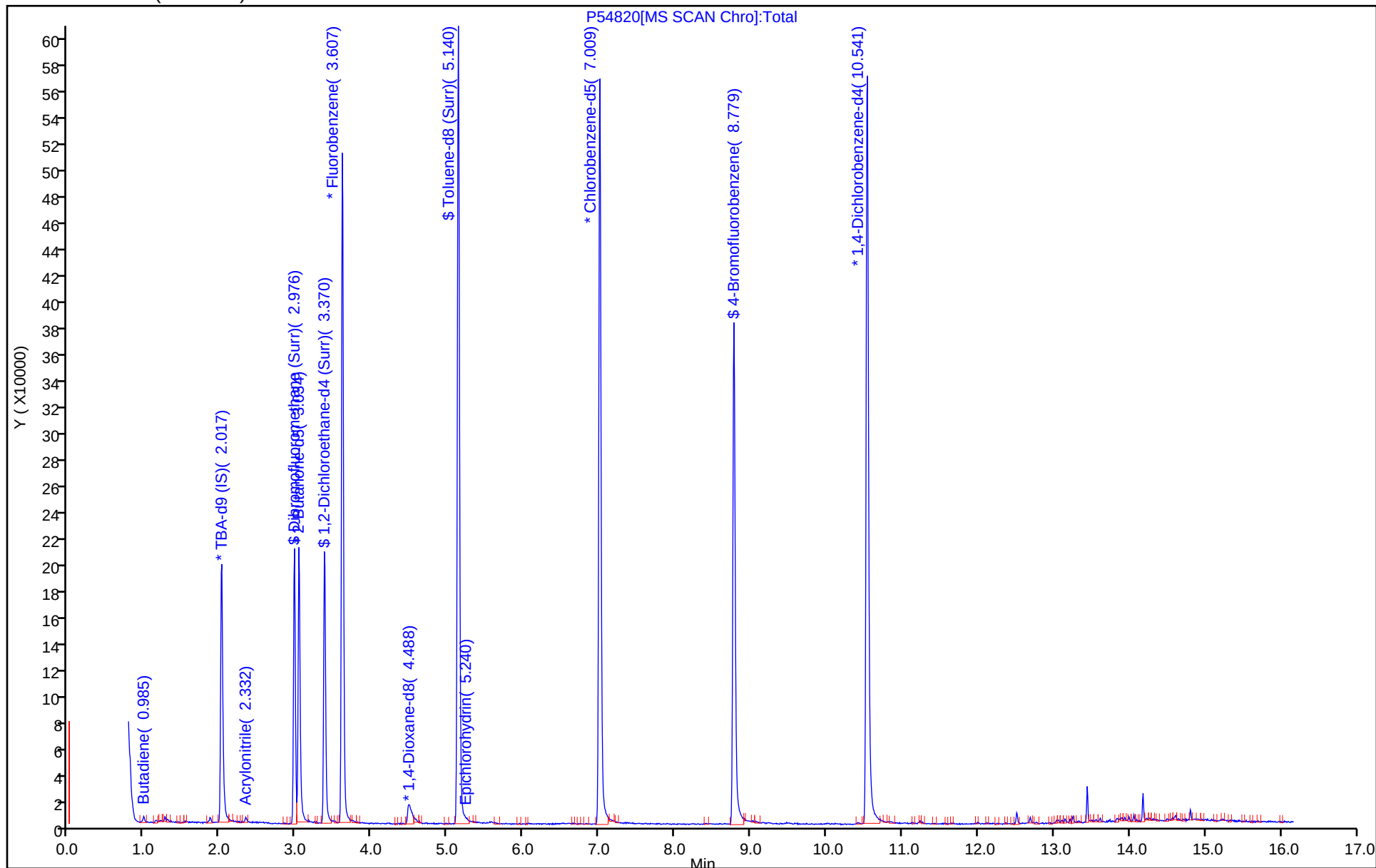
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

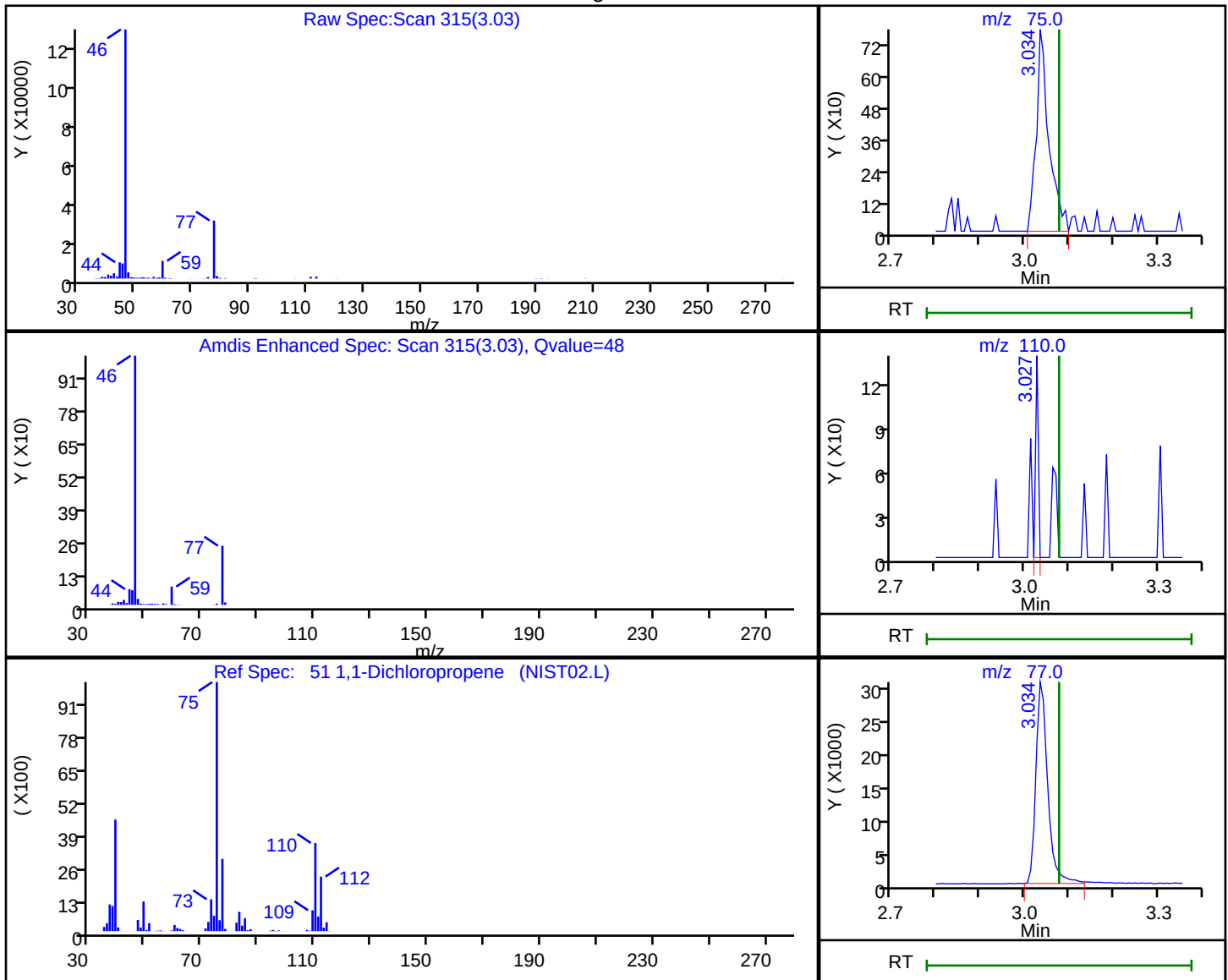
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

51 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.03	75.00	1542	0.312130
3.03	110.00	60	
3.03	77.00	56013	

Reviewer: desais, 20-Dec-2018 09:44:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

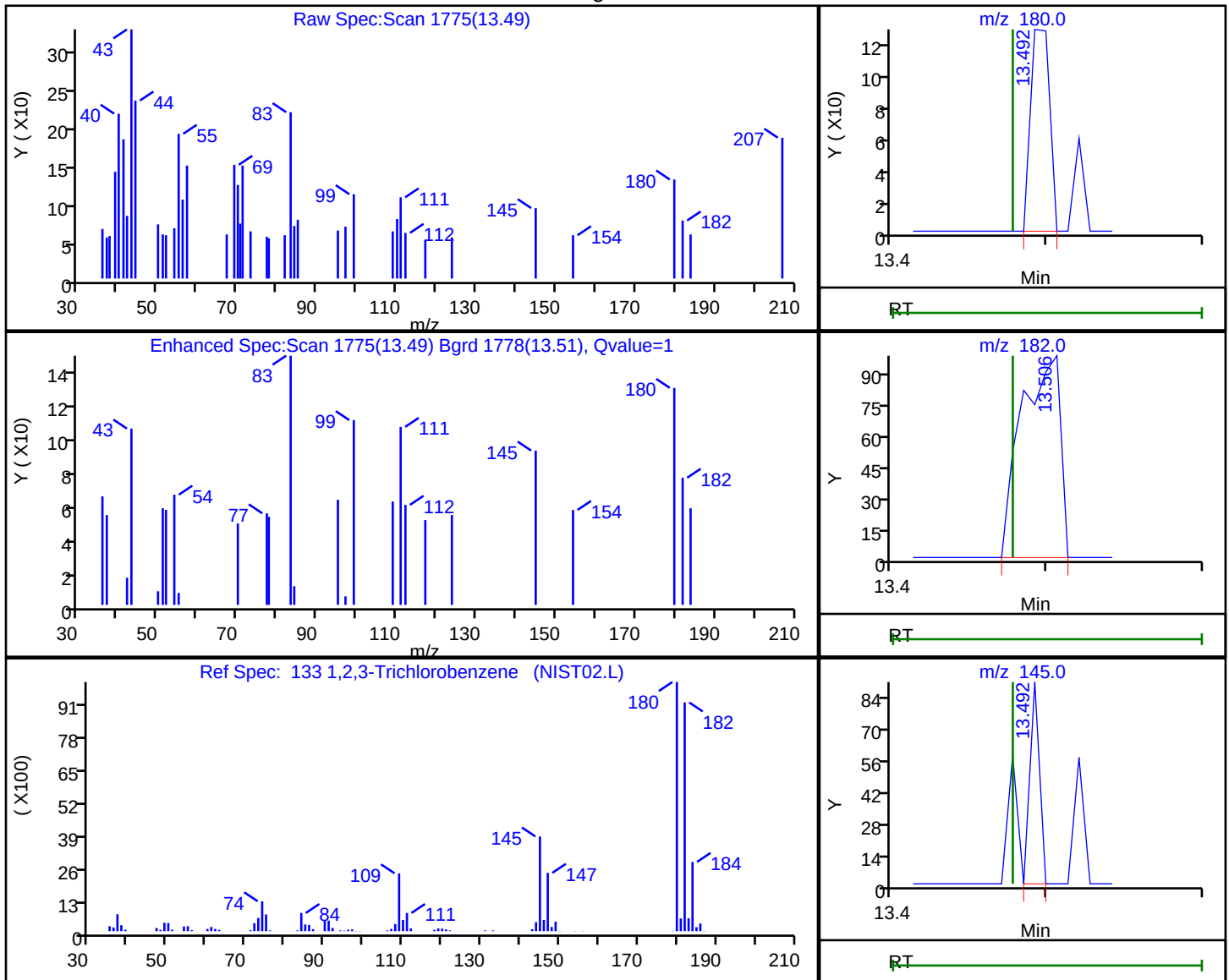
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.49	180.00	110	0.036754
13.51	182.00	171	
13.49	145.00	39	

Reviewer: desais, 20-Dec-2018 09:45:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

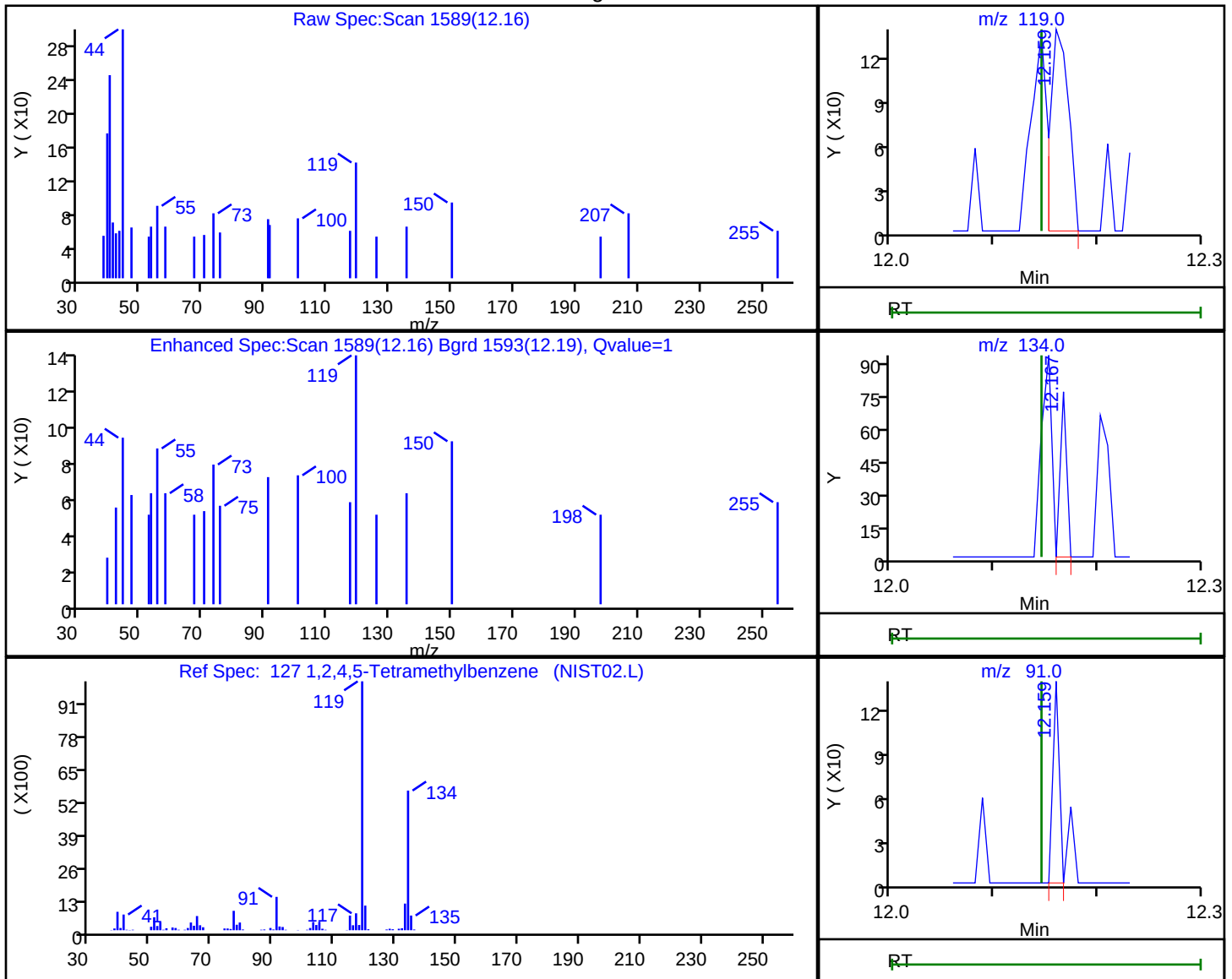
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

127 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.16	119.00	171	0.018858
12.17	134.00	33	
12.16	91.00	58	

Reviewer: desais, 20-Dec-2018 09:45:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

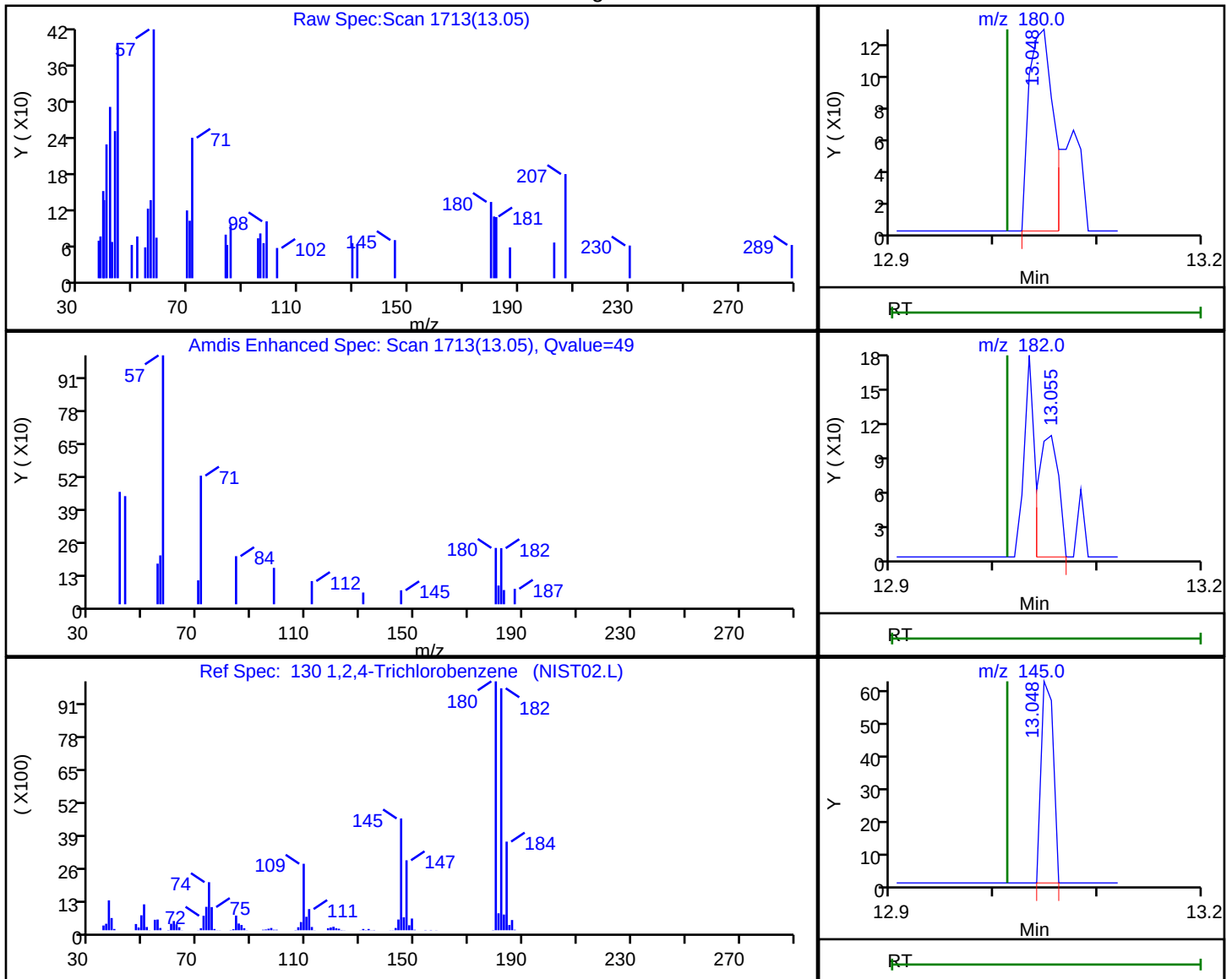
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

130 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
13.05	180.00	206	0.053845
13.05	182.00	145	
13.05	145.00	52	

Reviewer: desais, 20-Dec-2018 09:45:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

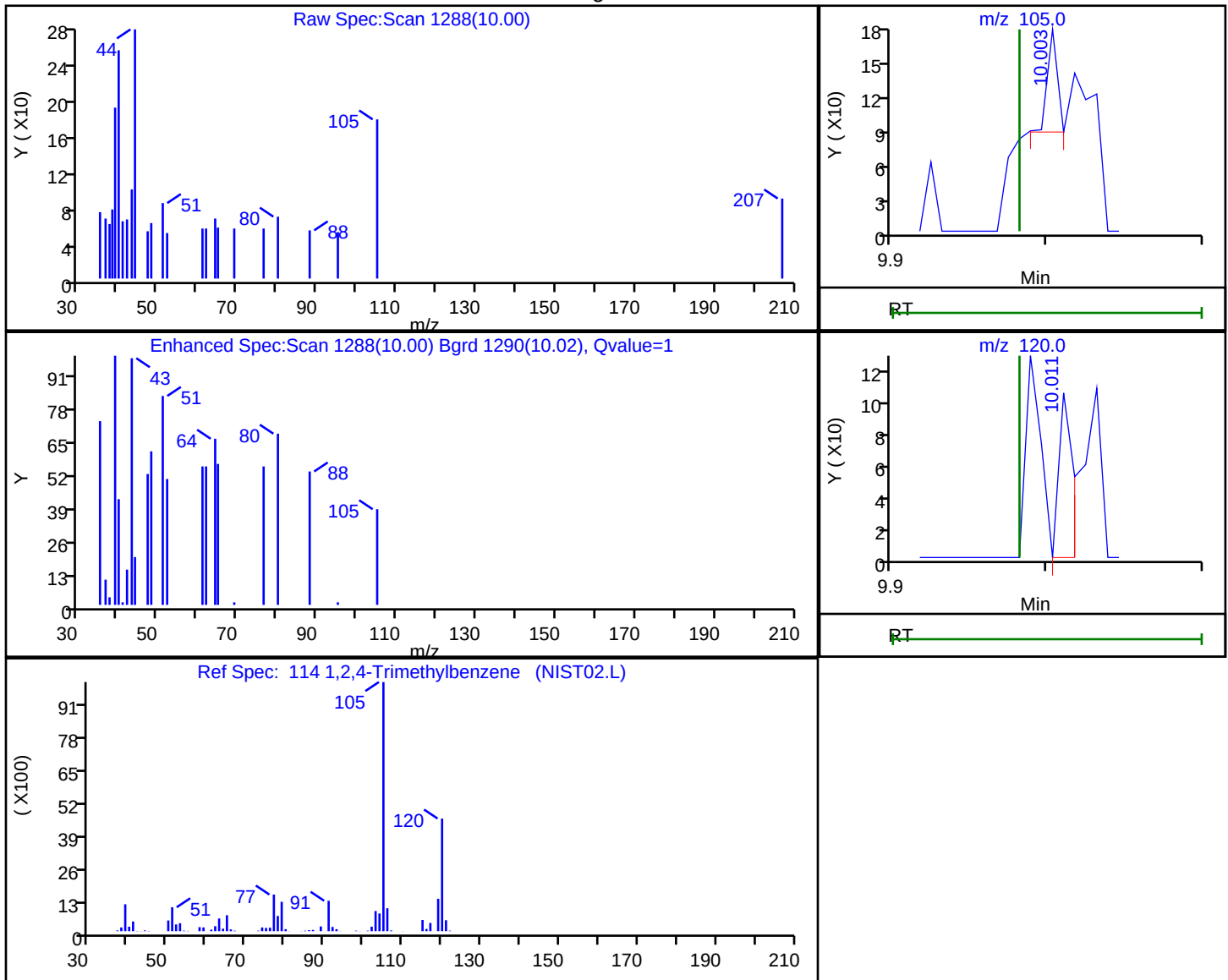
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.00	105.00	40	0.003298
10.01	120.00	68	

Reviewer: desais, 20-Dec-2018 09:45:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

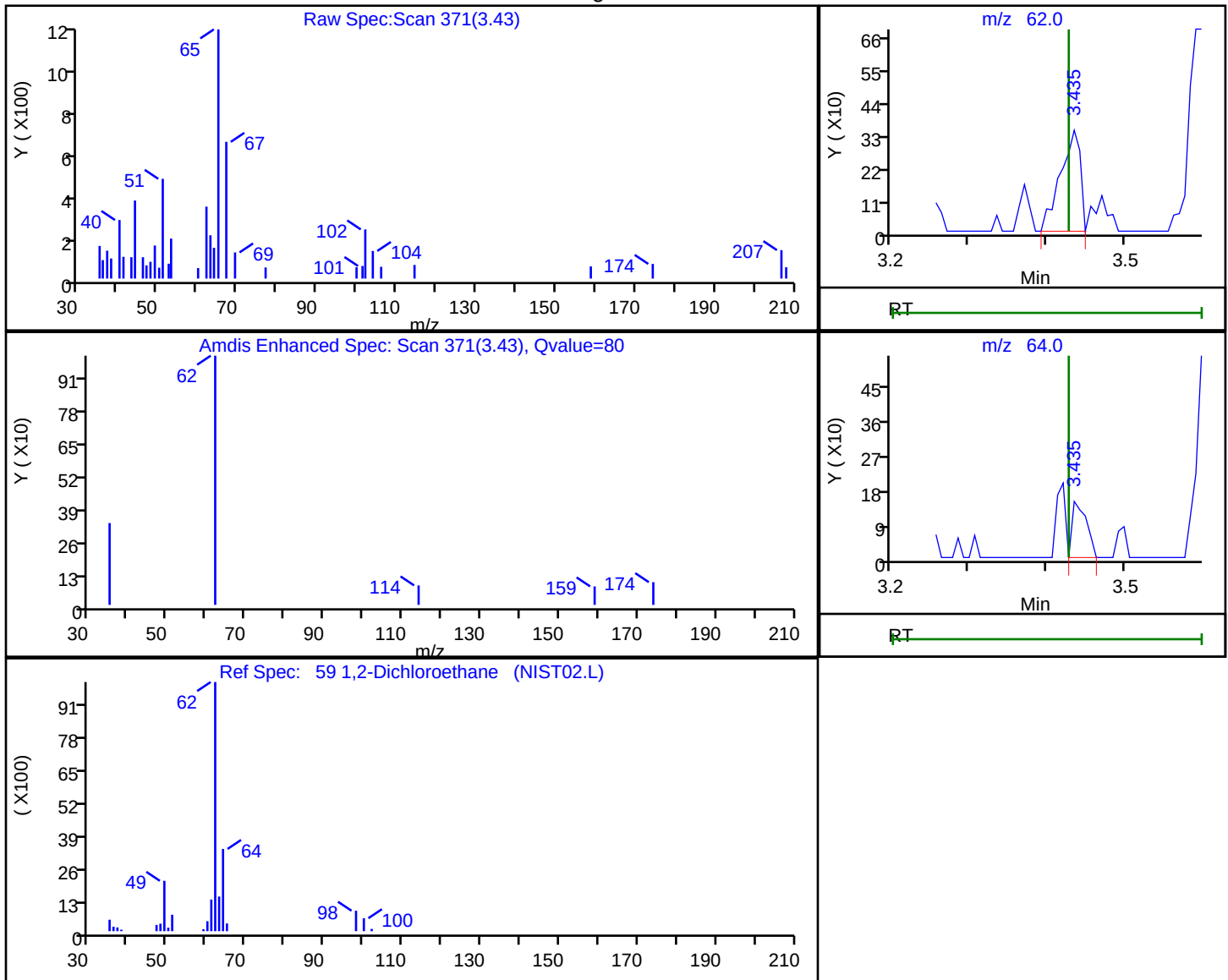
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.43	62.00	615	0.110519
3.43	64.00	188	

Reviewer: desais, 20-Dec-2018 09:44:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

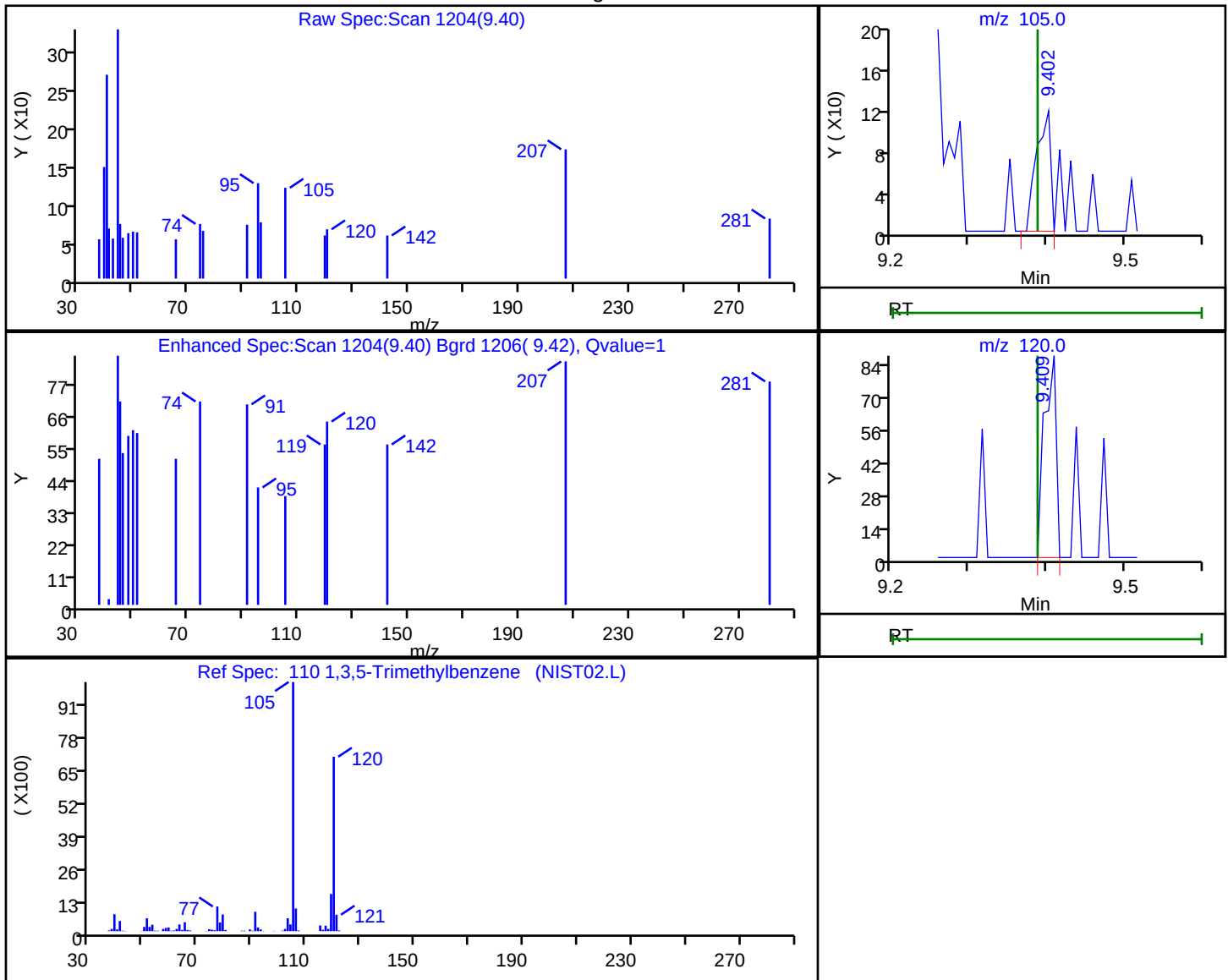
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

110 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.40	105.00	149	0.013442
9.41	120.00	92	

Reviewer: desais, 20-Dec-2018 09:45:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

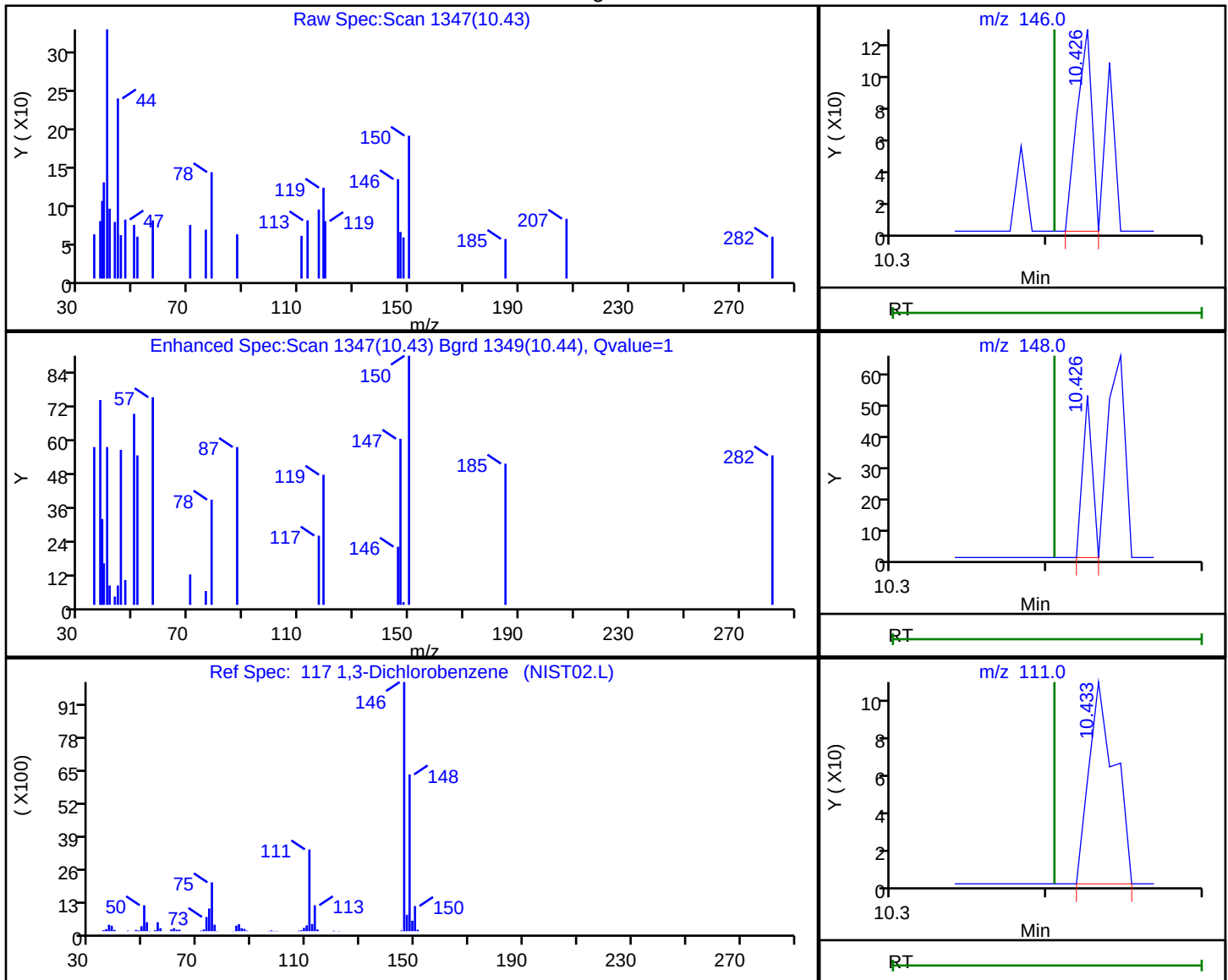
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.43	146.00	86	0.012025
10.43	148.00	23	
10.43	111.00	124	

Reviewer: desais, 20-Dec-2018 09:45:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

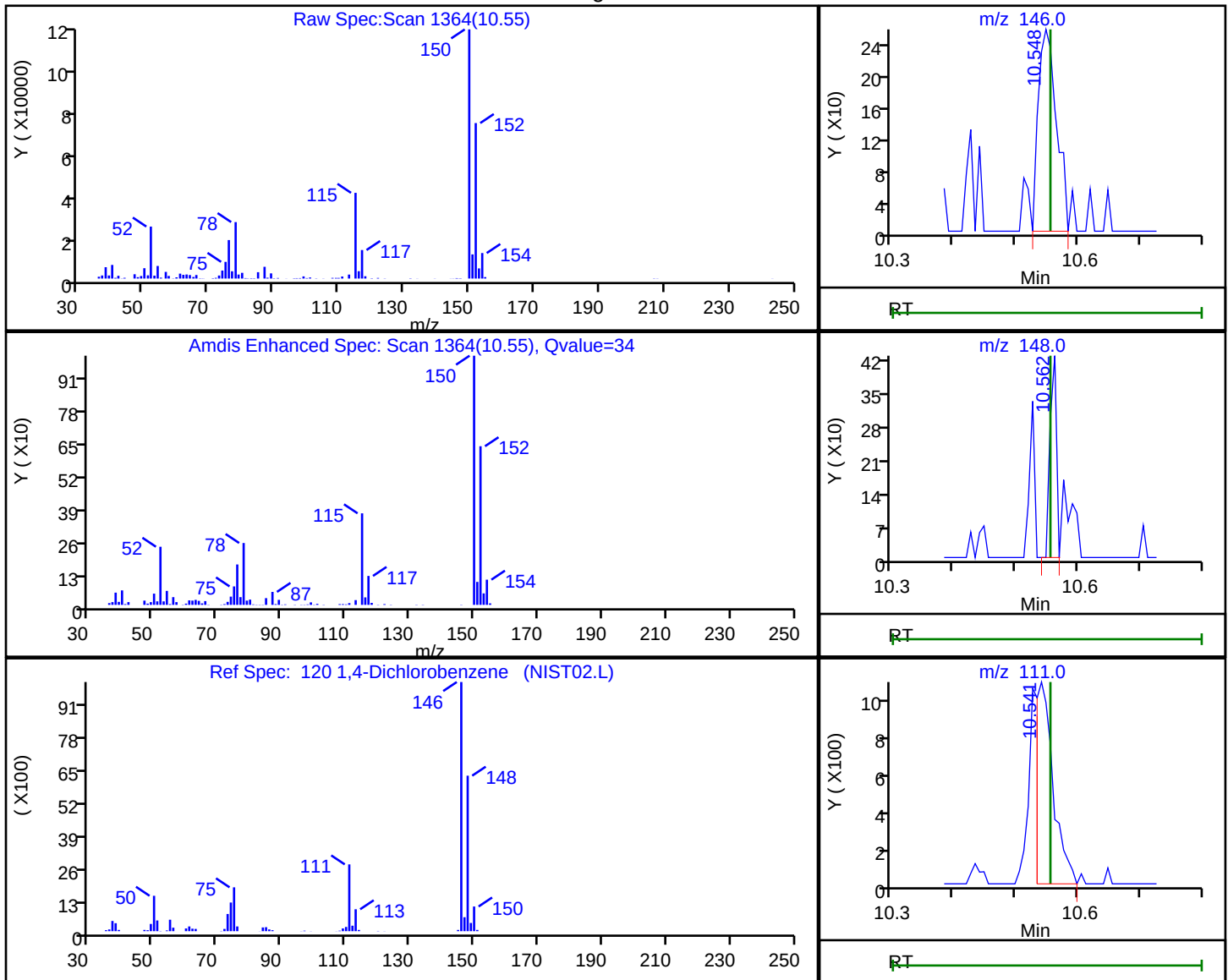
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.55	146.00	519	0.071537
10.56	148.00	306	
10.54	111.00	2061	

Reviewer: desais, 20-Dec-2018 09:45:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

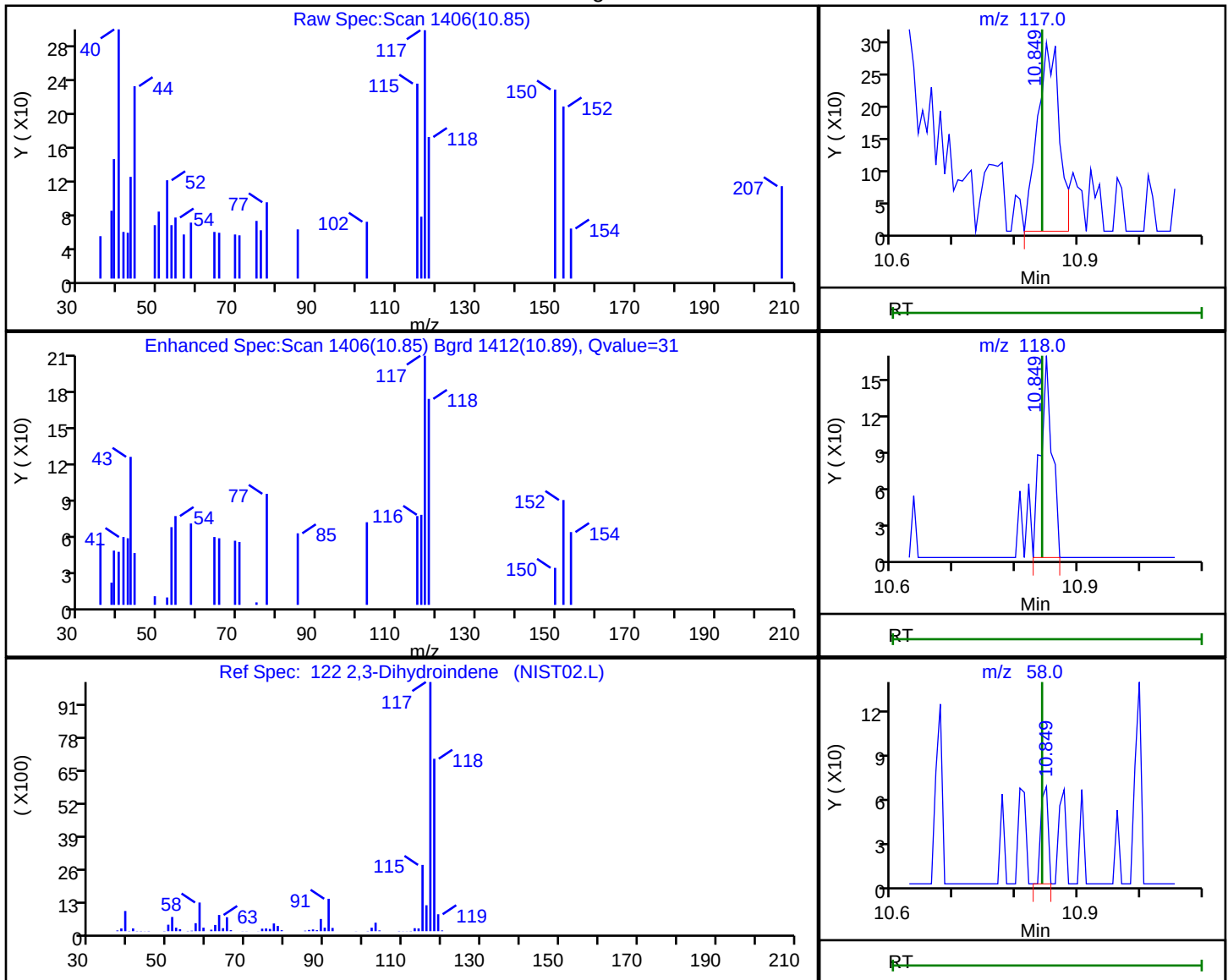
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.85	117.00	718	0.054087
10.85	118.00	215	
10.85	58.00	53	

Reviewer: desais, 20-Dec-2018 09:45:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

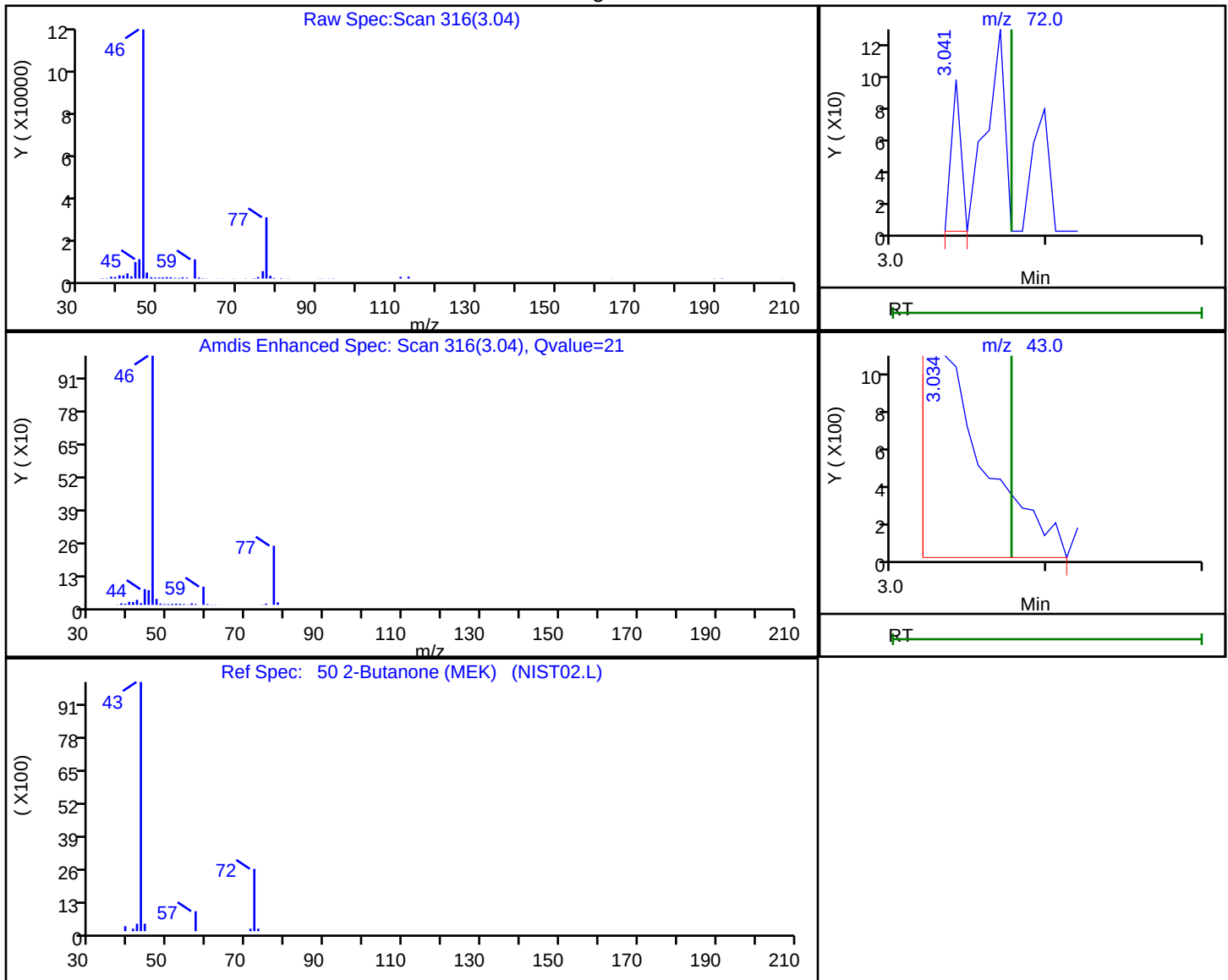
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

50 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.04	72.00	40	0.094242
3.03	43.00	2470	

Reviewer: desais, 20-Dec-2018 09:44:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

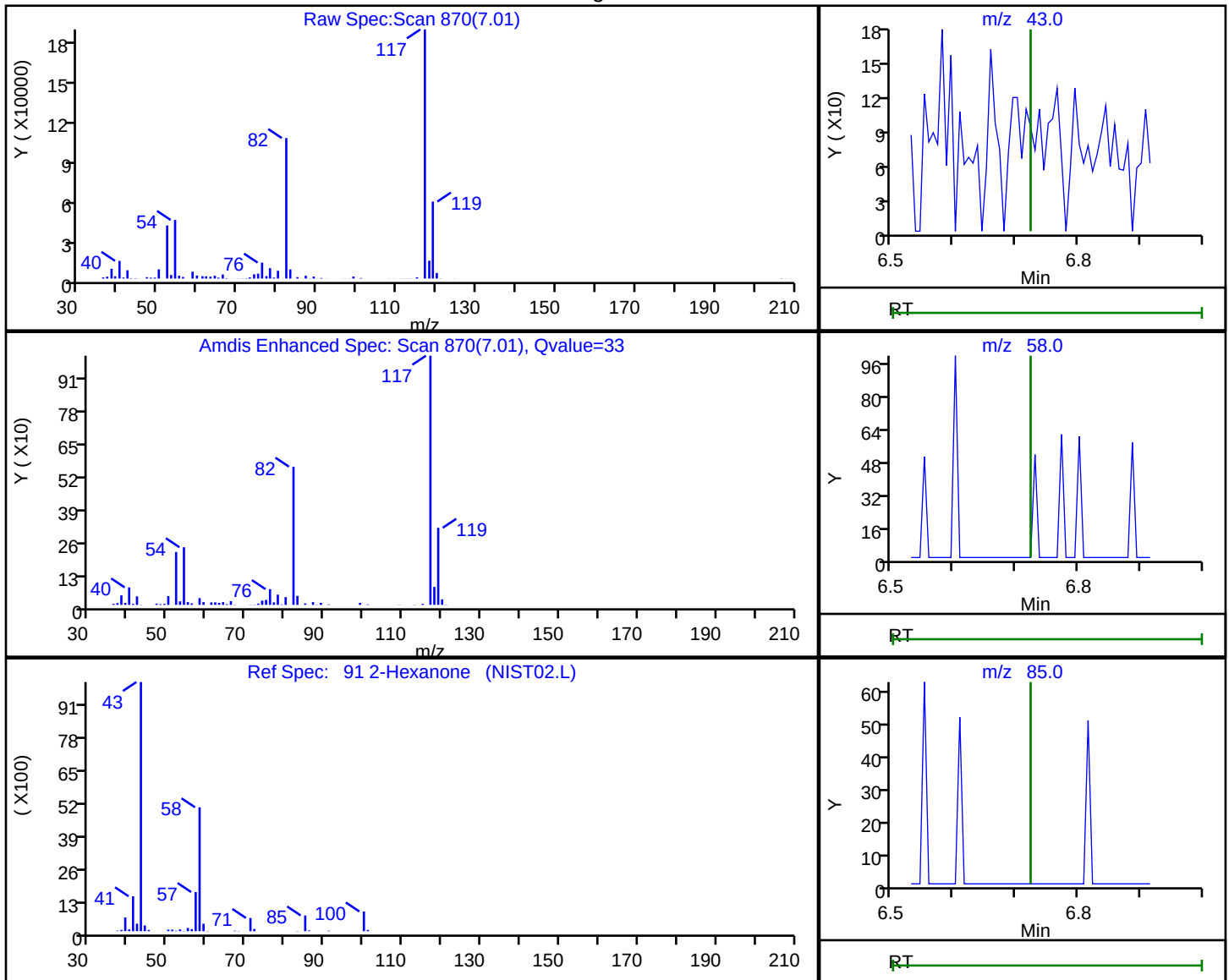
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

91 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.01	43.00	605	0.297996
7.01	58.00	11138	
7.00	85.00	2410	
7.02	100.00	48	

Reviewer: desais, 20-Dec-2018 09:45:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

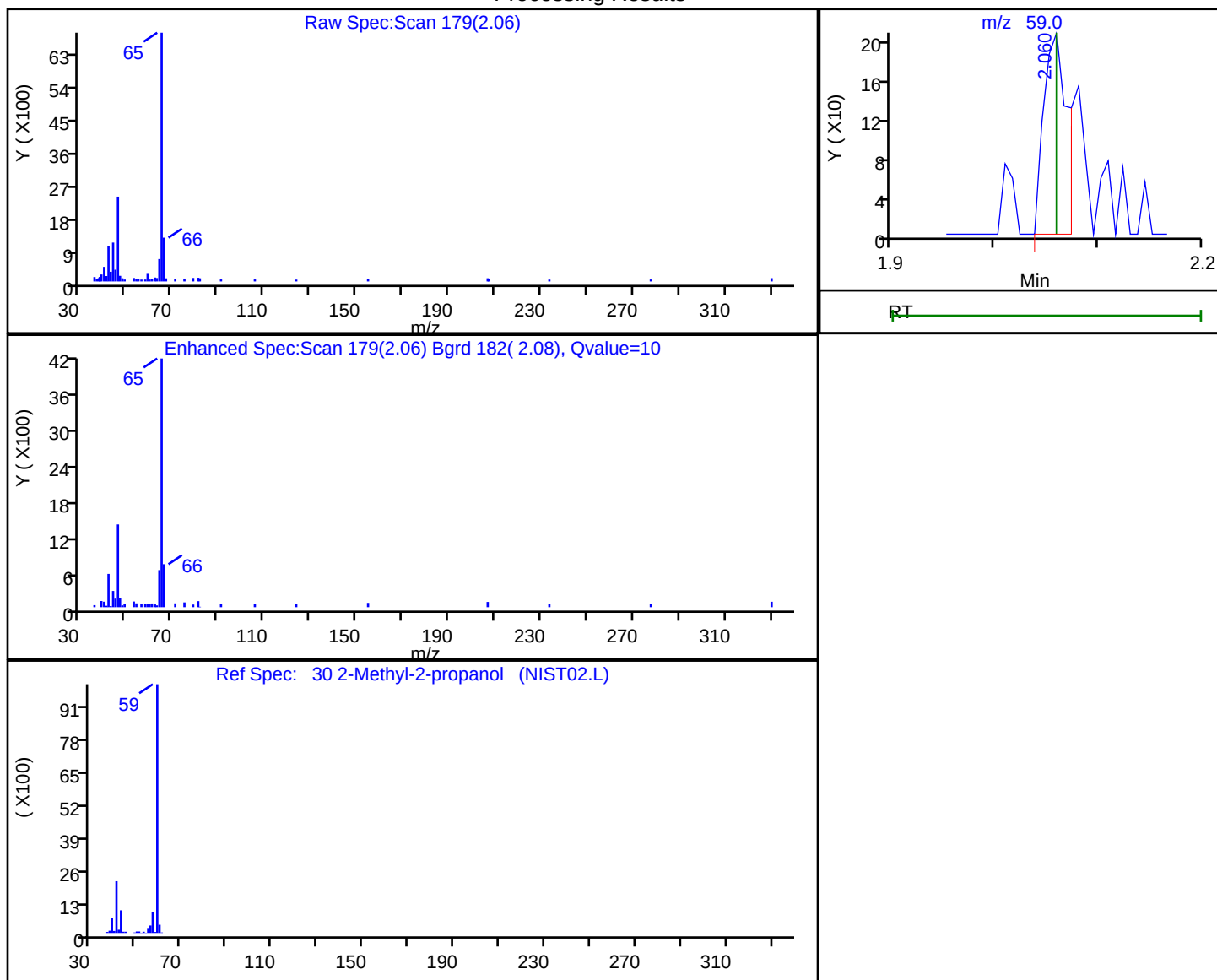
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

30 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.06	59.00	334	0.972216

Reviewer: desais, 20-Dec-2018 09:44:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

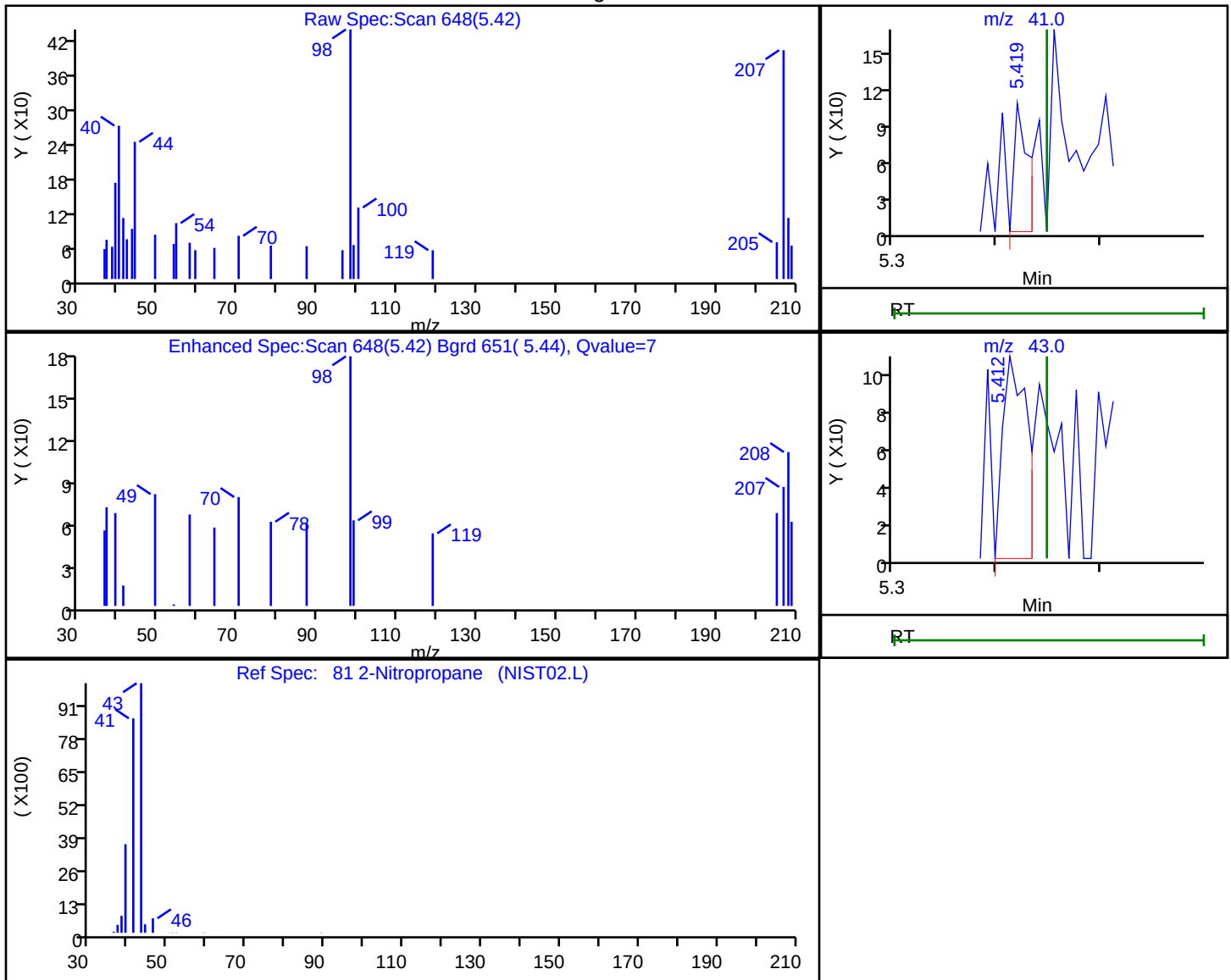
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

81 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.42	41.00	100	0.108135
5.41	43.00	178	

Reviewer: desais, 20-Dec-2018 09:45:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

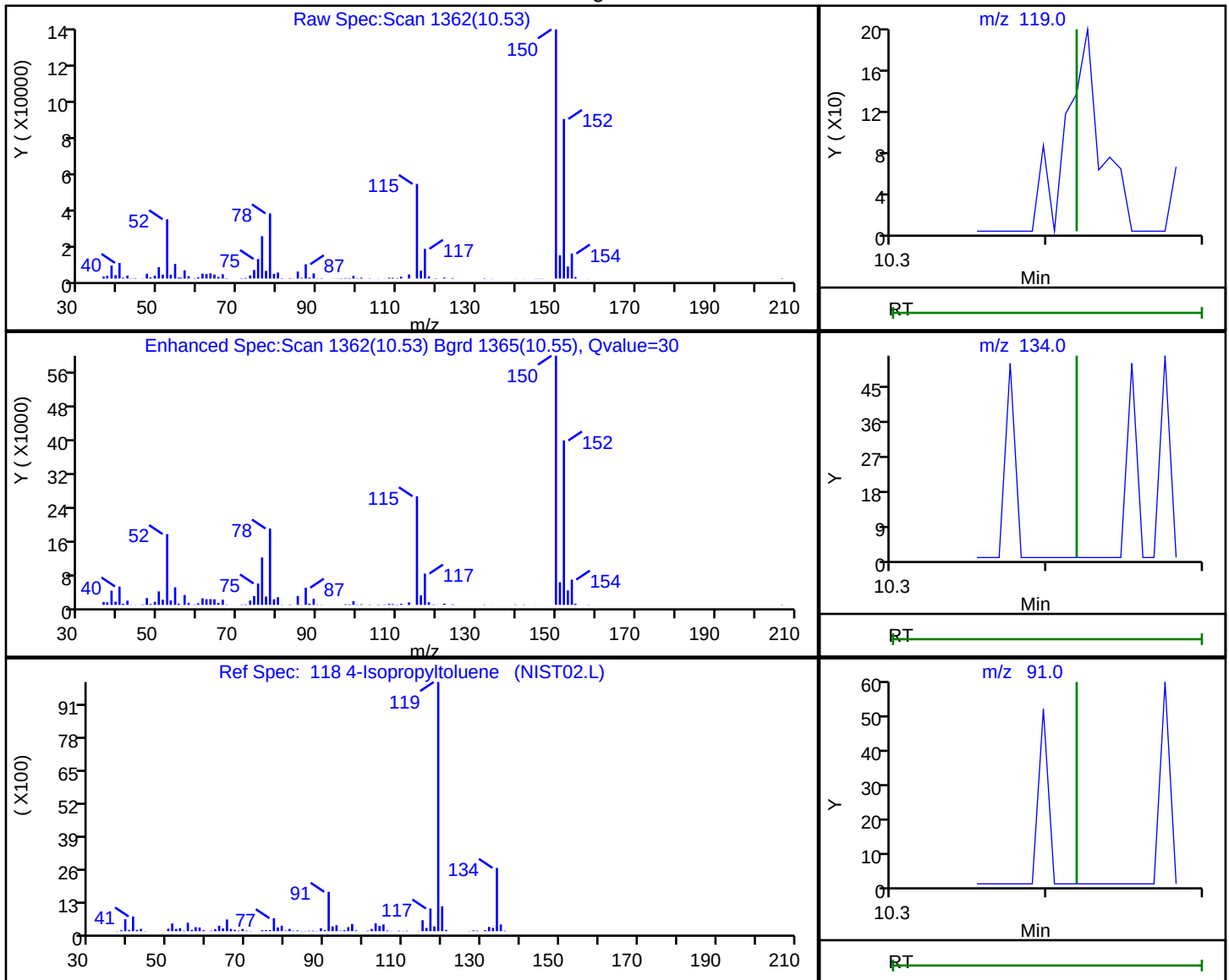
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.53	119.00	61	0.005791
10.53	134.00	211	
10.54	91.00	664	

Reviewer: desais, 20-Dec-2018 09:45:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

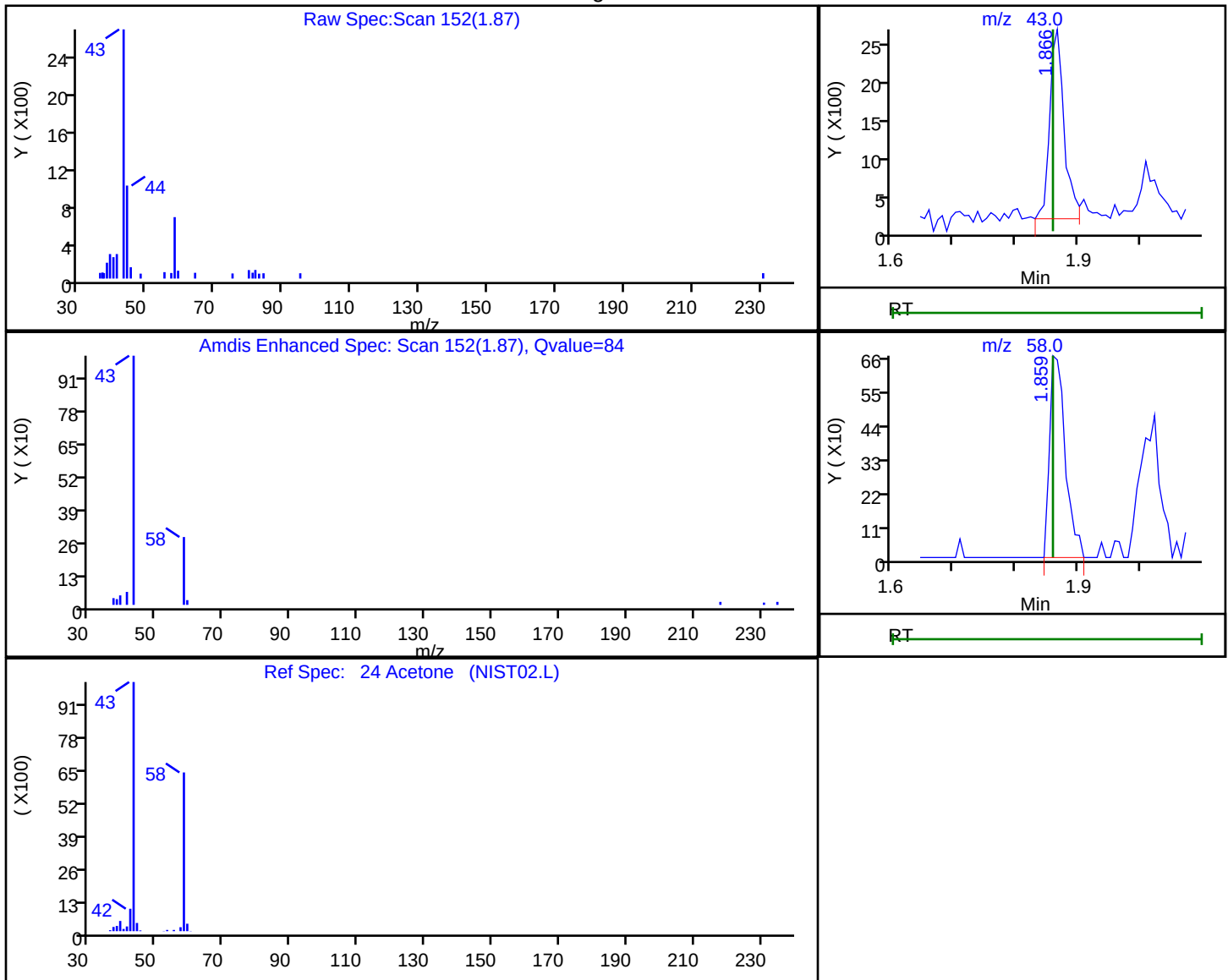
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

24 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.87	43.00	4003	3.783828
1.86	58.00	1175	

Reviewer: desais, 20-Dec-2018 09:44:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

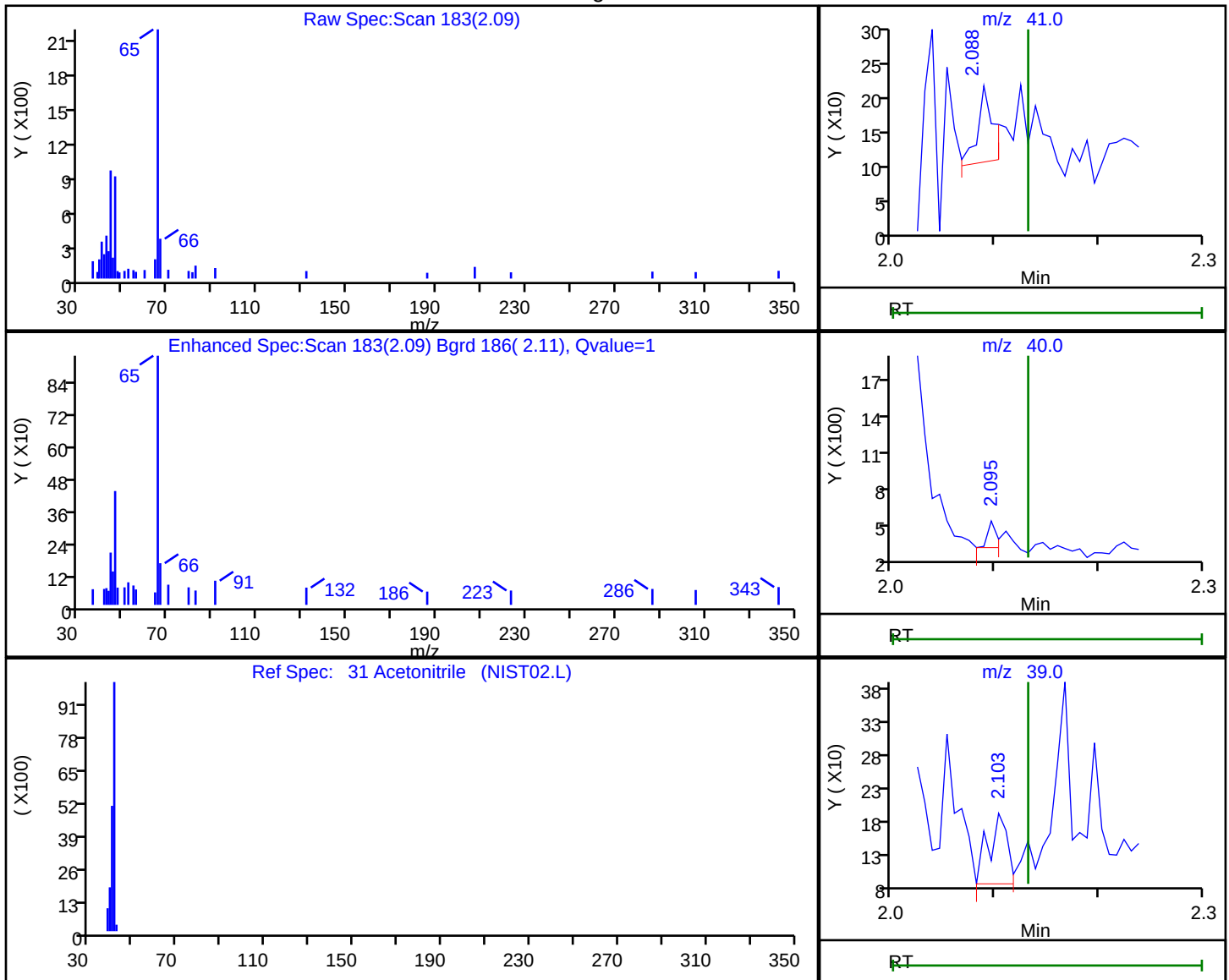
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

31 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.09	41.00	118	0.312825
2.10	40.00	124	
2.10	39.00	132	
2.08	38.00	147	

Reviewer: desais, 20-Dec-2018 09:44:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

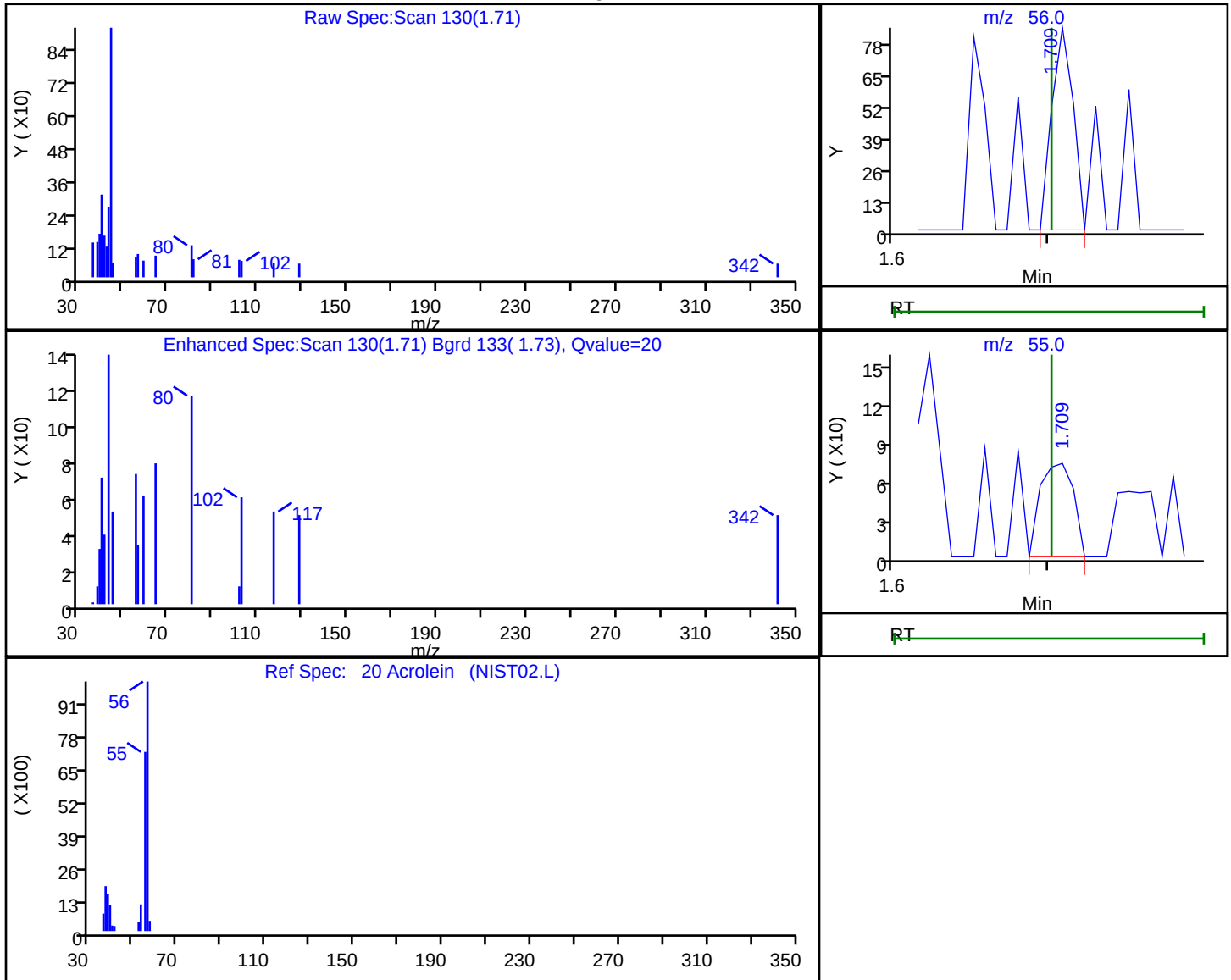
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

20 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.71	56.00	81	0.155826
1.71	55.00	108	

Reviewer: desais, 20-Dec-2018 09:44:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

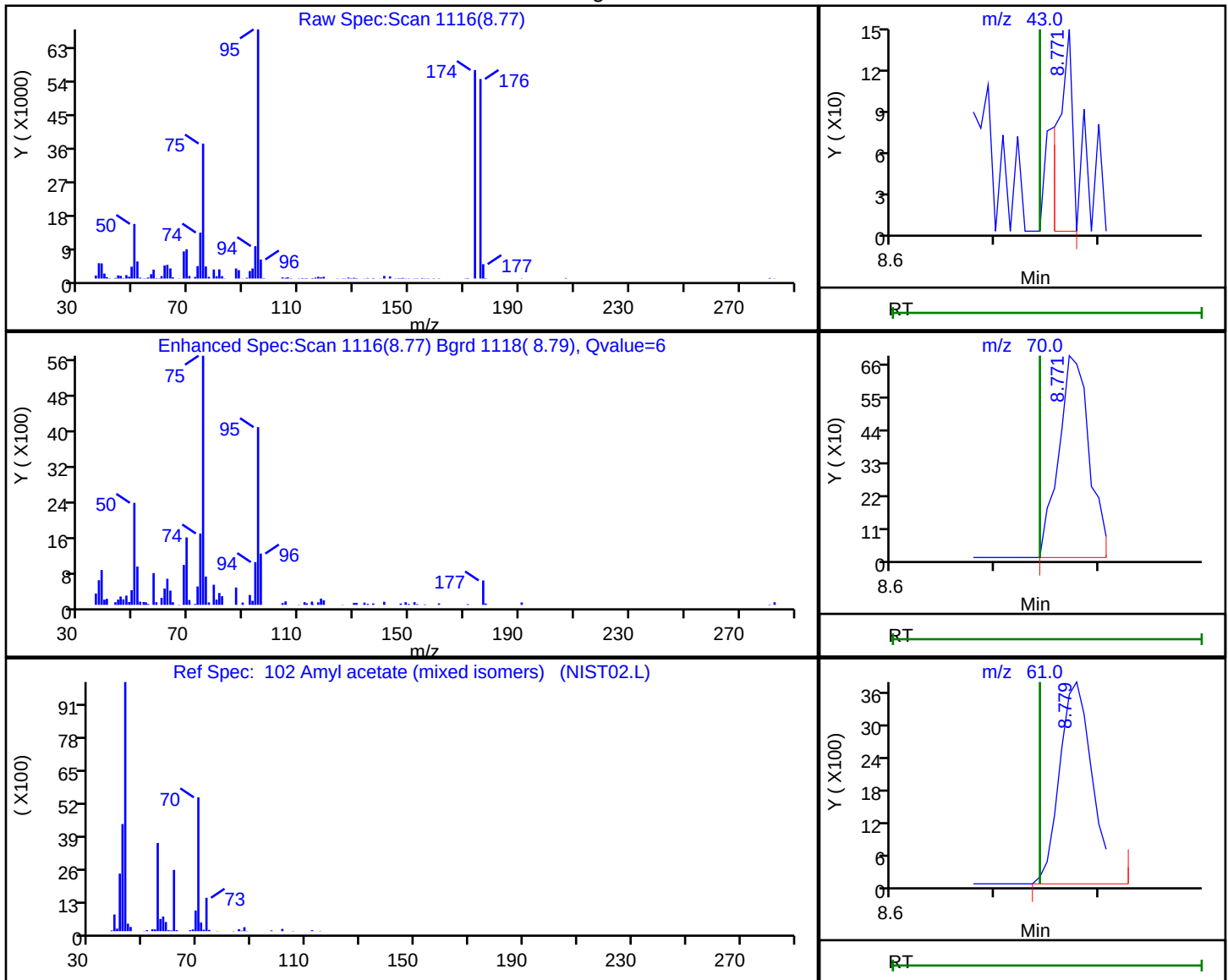
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.77	43.00	134	0.022945
8.77	70.00	1412	
8.78	61.00	8433	

Reviewer: desais, 20-Dec-2018 09:45:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

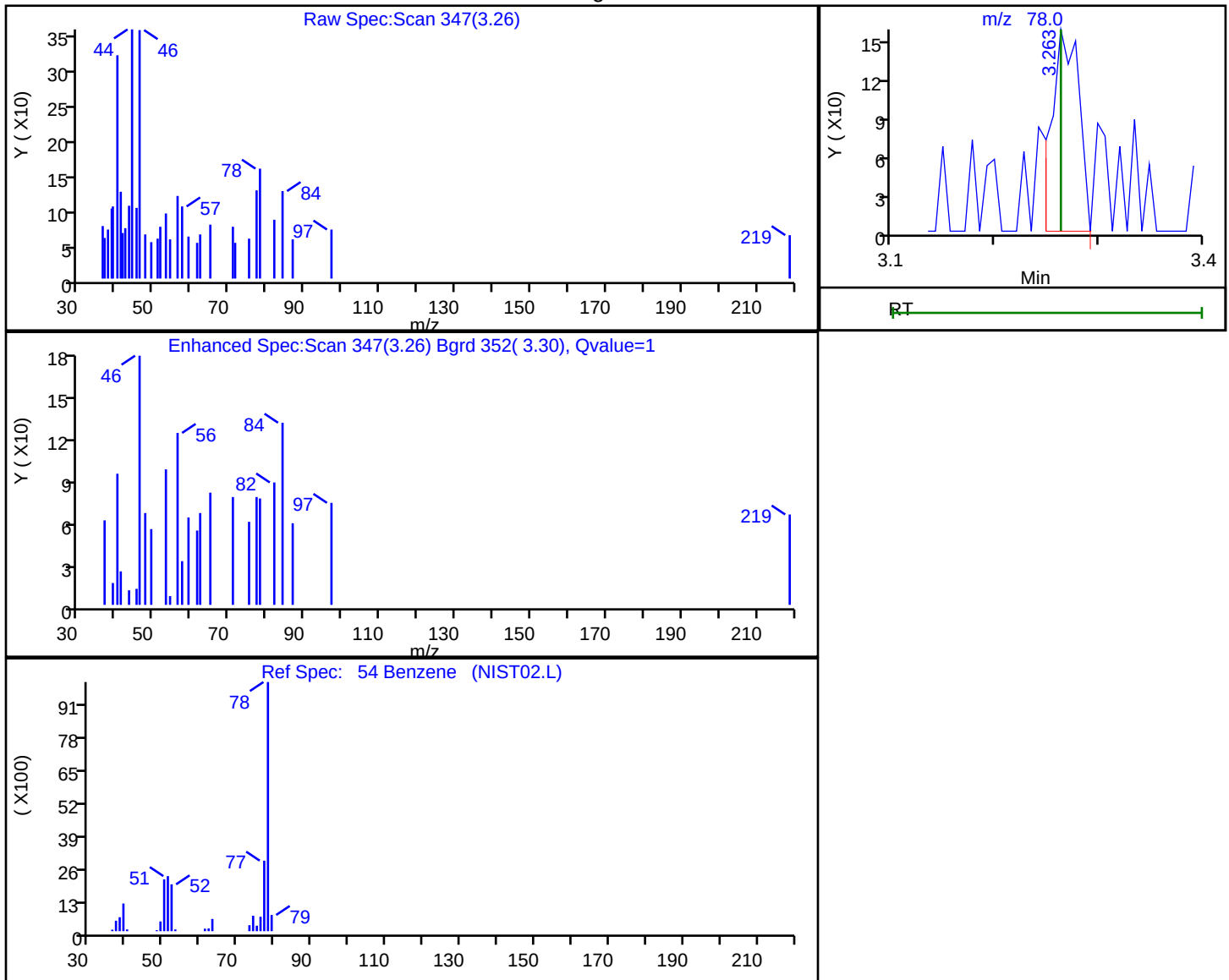
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
3.26	78.00	288	0.019826

Reviewer: desais, 20-Dec-2018 09:44:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

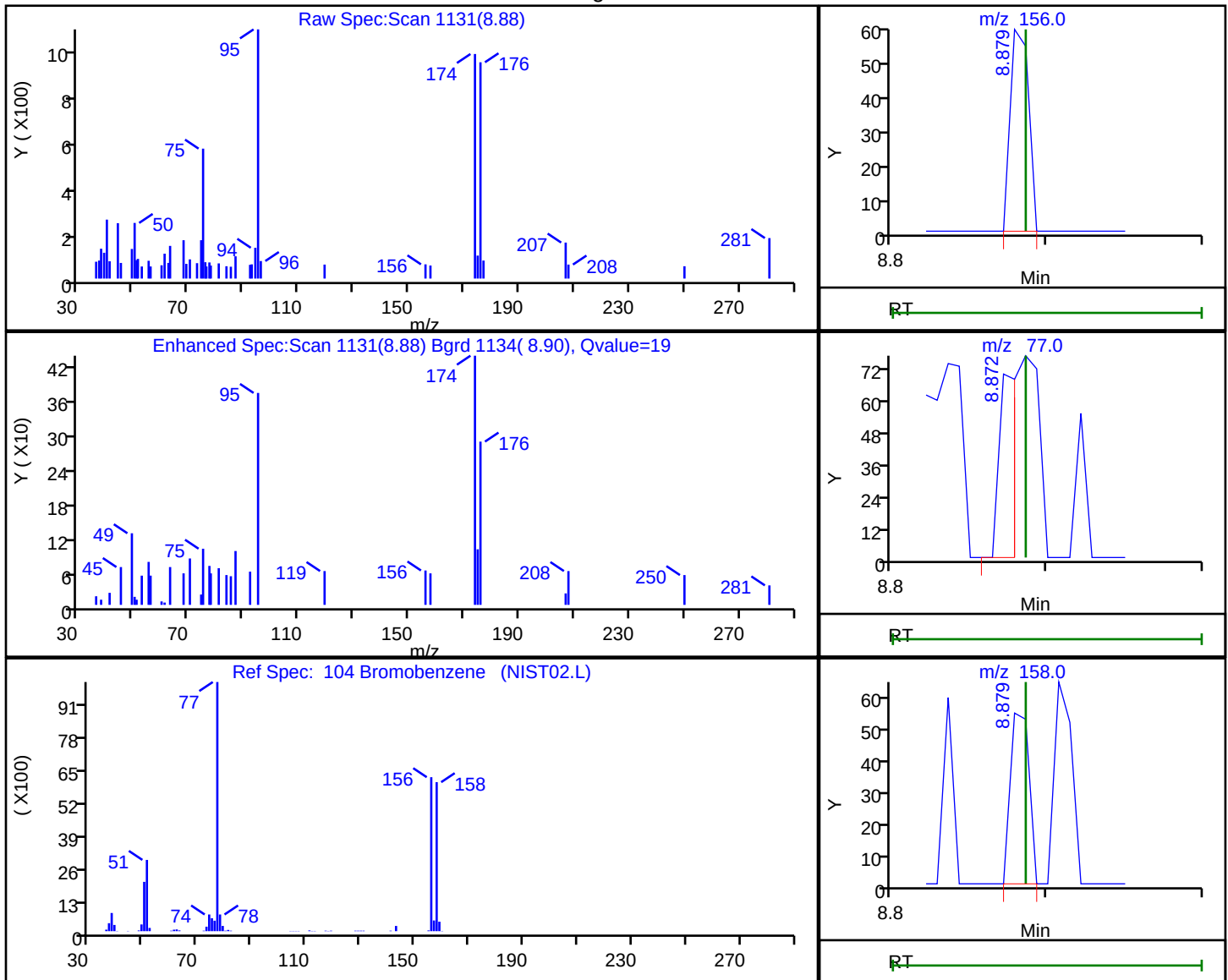
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

104 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
8.88	156.00	49	0.011240
8.87	77.00	59	
8.88	158.00	46	

Reviewer: desais, 20-Dec-2018 09:45:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

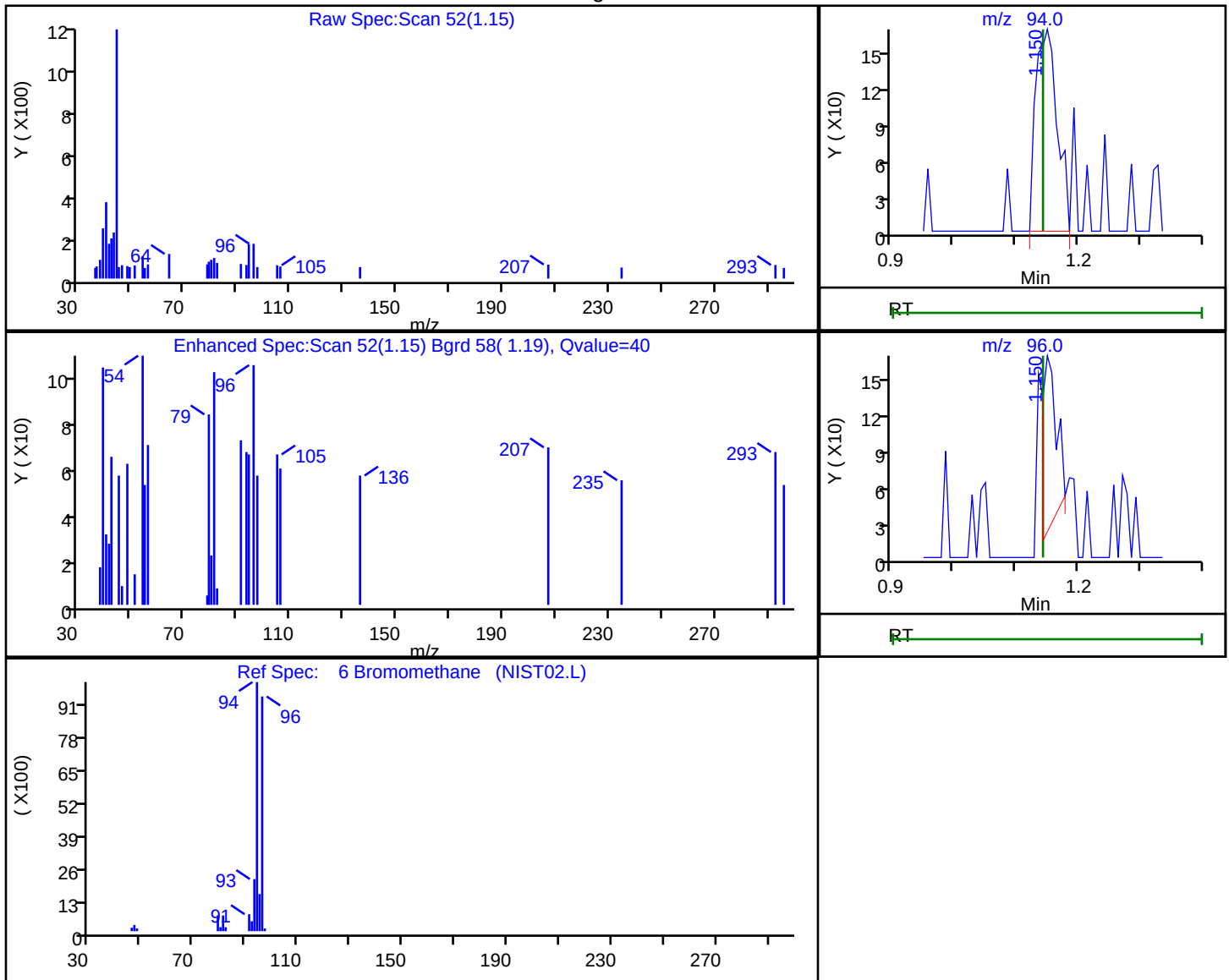
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.15	94.00	398	0.151429
1.15	96.00	220	

Reviewer: desais, 20-Dec-2018 09:44:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

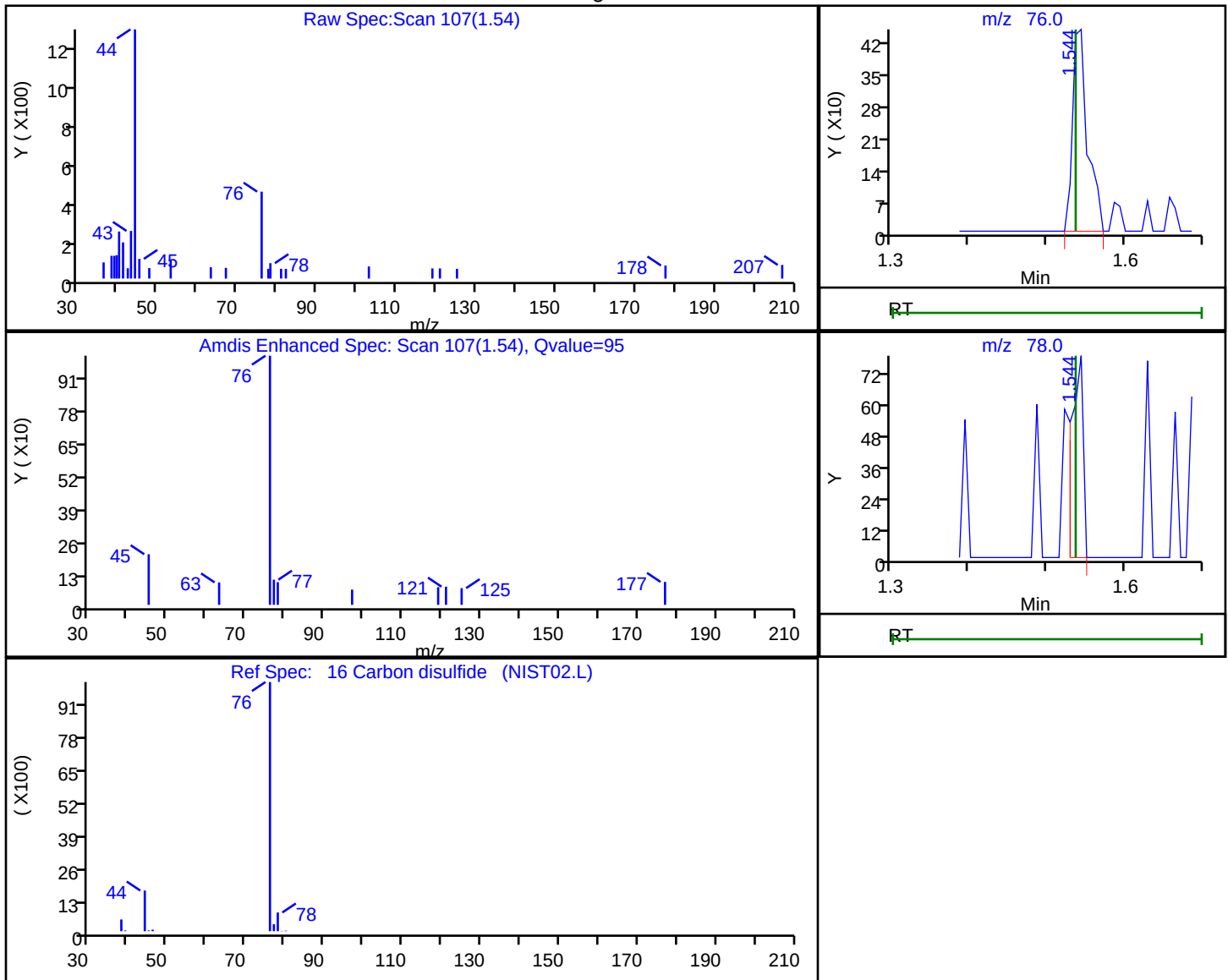
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

16 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.54	76.00	602	0.060199
1.54	78.00	82	

Reviewer: desais, 20-Dec-2018 09:44:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

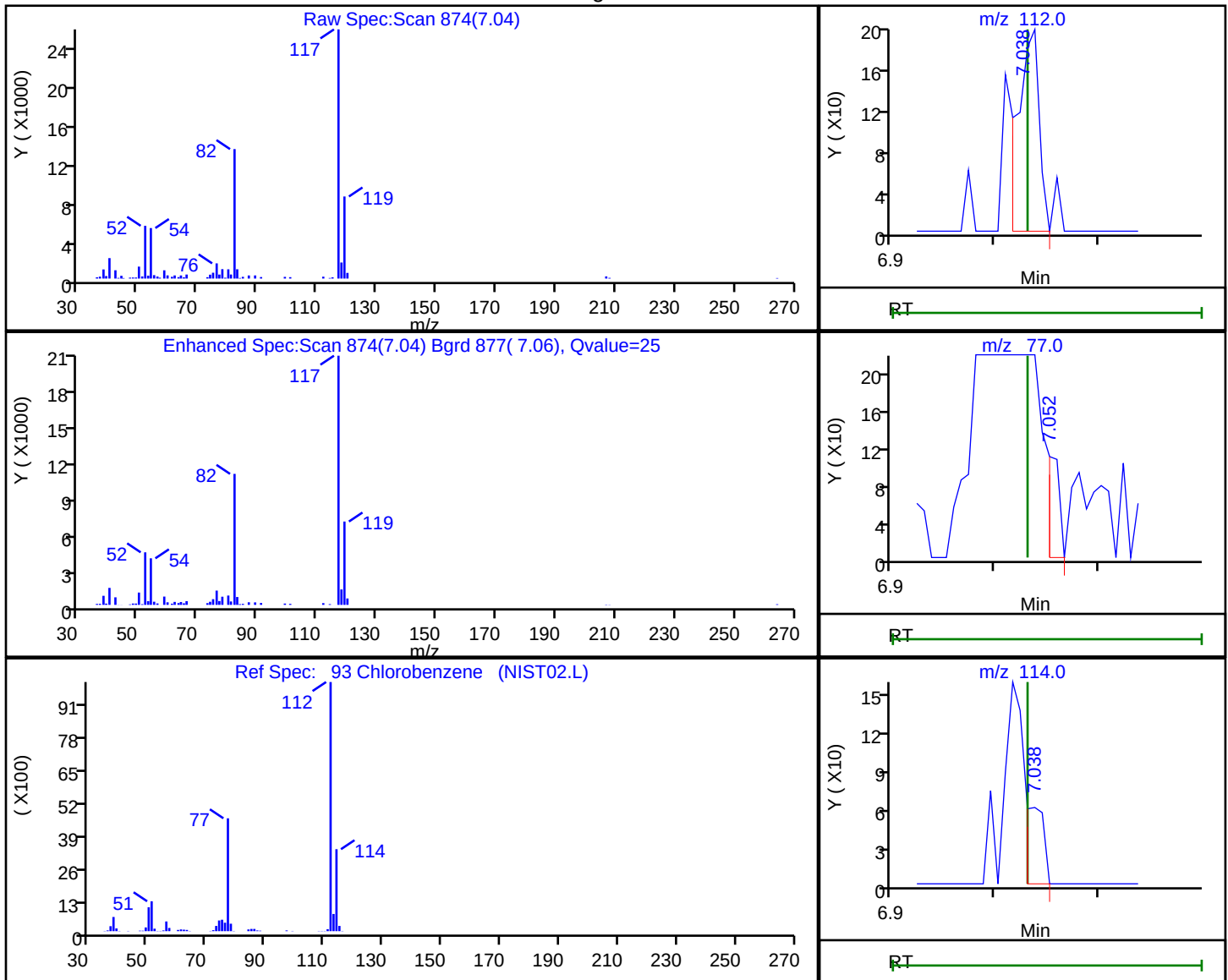
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

93 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.04	112.00	277	0.027116
7.05	77.00	91	
7.04	114.00	74	

Reviewer: desais, 20-Dec-2018 09:45:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

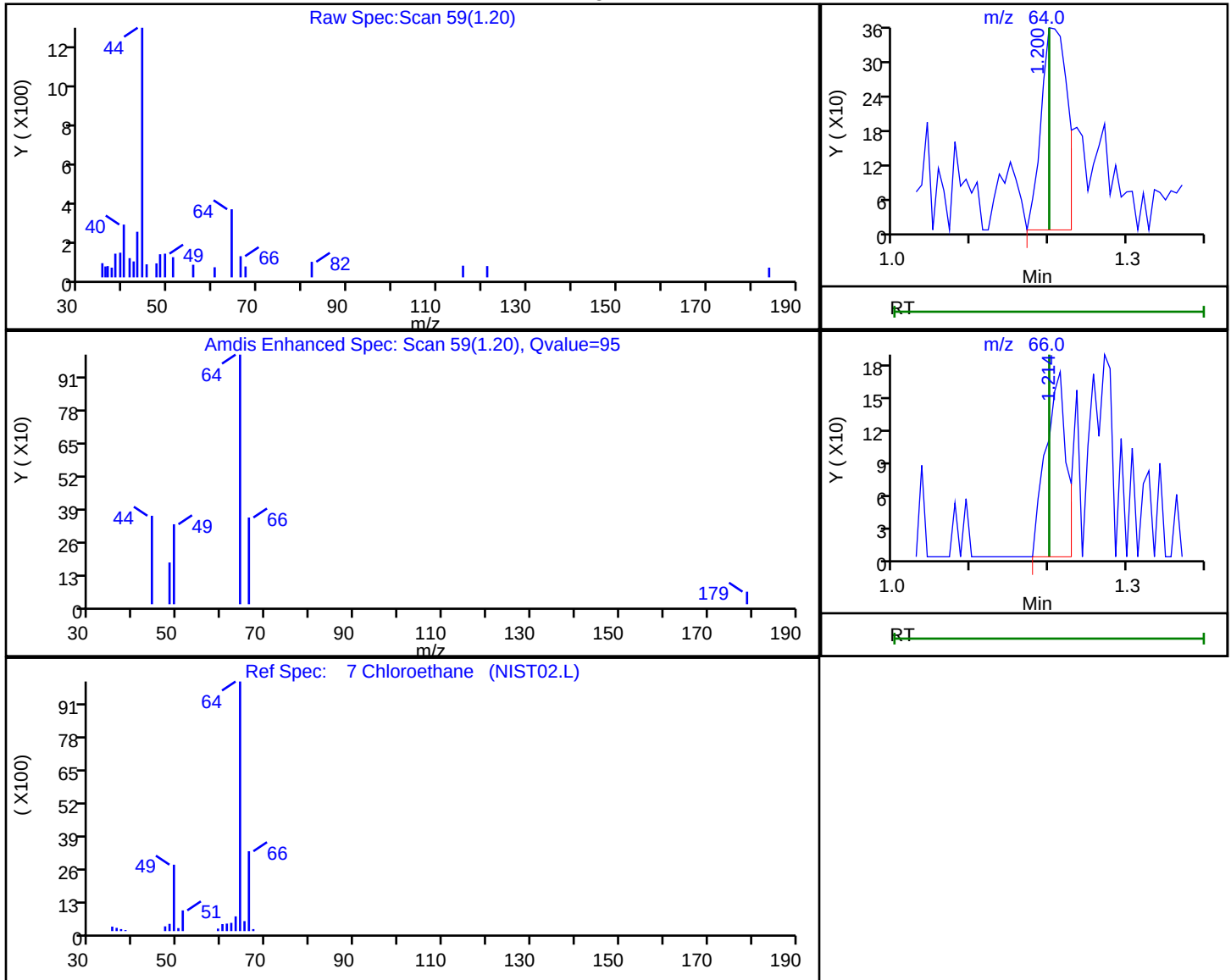
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.20	64.00	817	0.278351
1.21	66.00	318	

Reviewer: desais, 20-Dec-2018 09:44:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

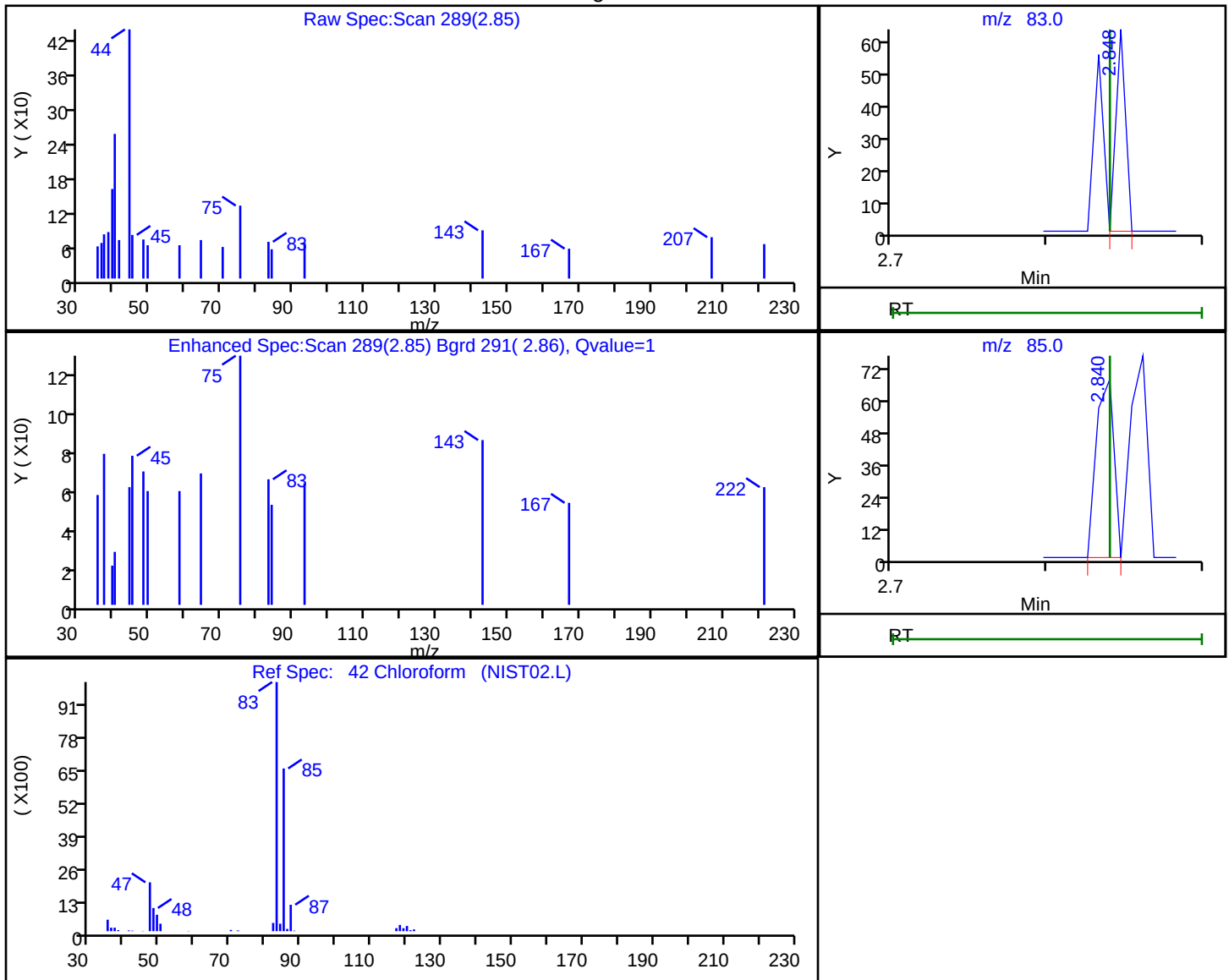
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

42 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
2.85	83.00	27	0.004419
2.84	85.00	54	

Reviewer: desais, 20-Dec-2018 09:44:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

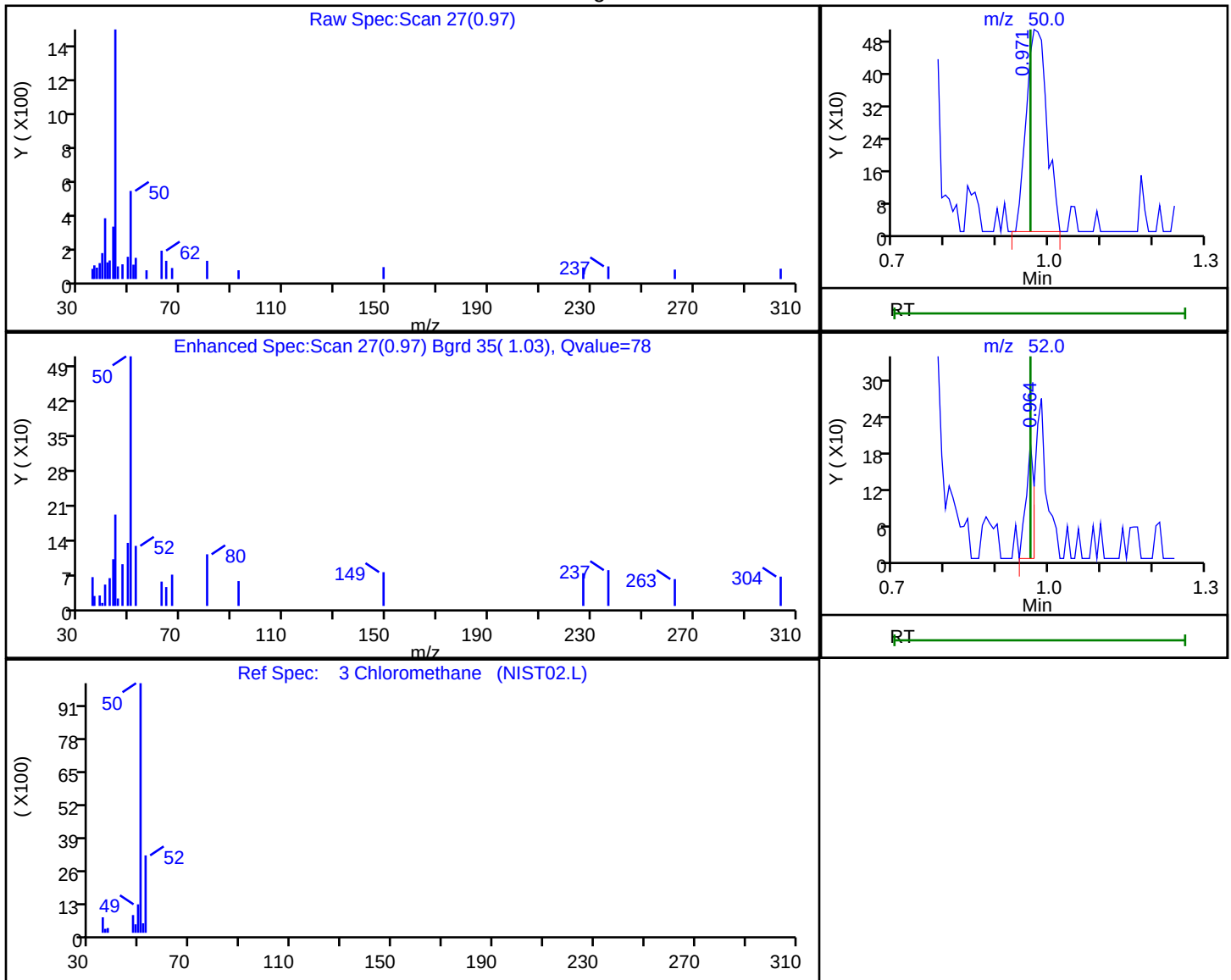
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.97	50.00	1388	0.511949
0.96	52.00	207	

Reviewer: desais, 20-Dec-2018 09:44:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

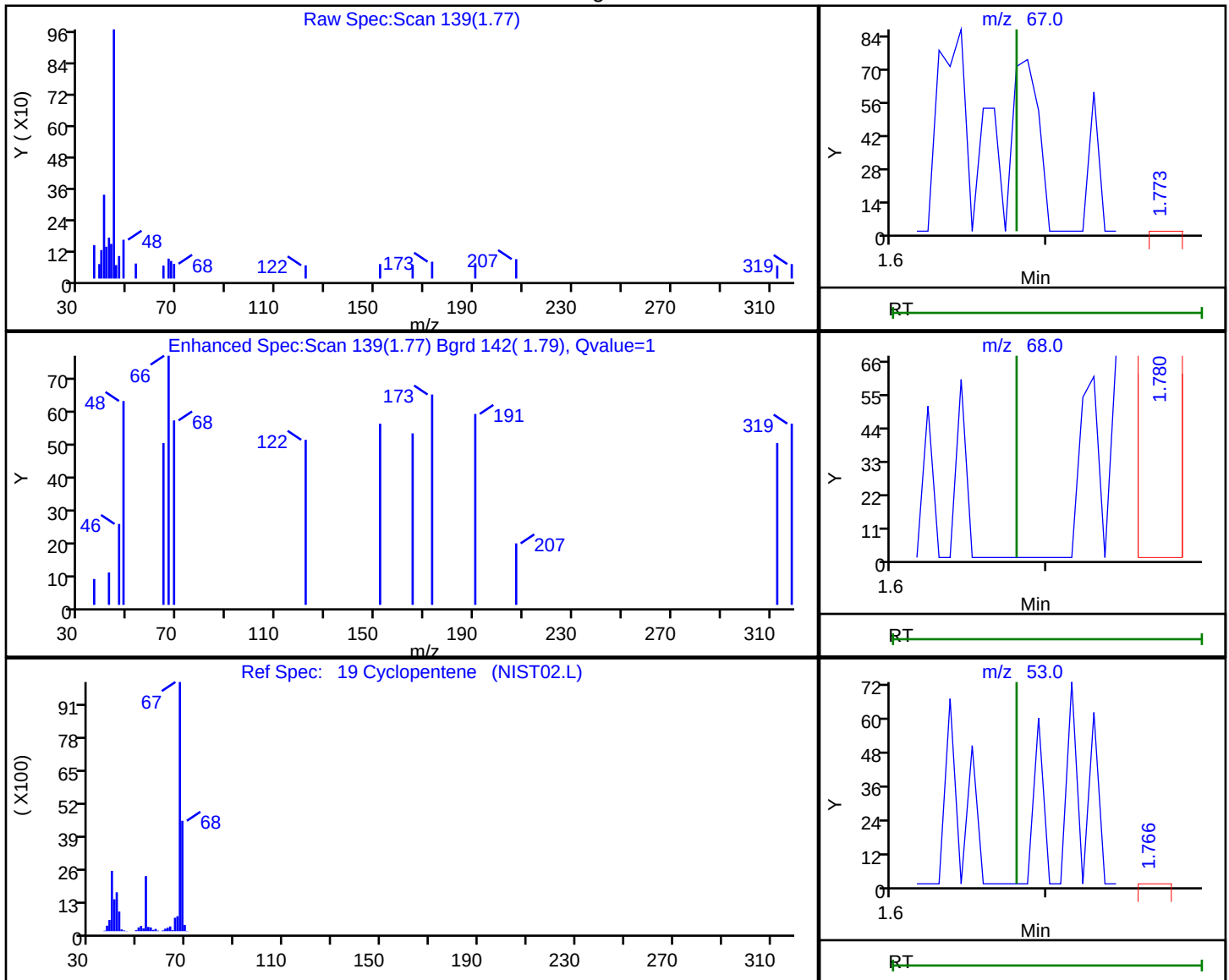
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.77	67.00	79	0.009237
1.78	68.00	53	
1.77	53.00	53	

Reviewer: desais, 20-Dec-2018 09:44:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

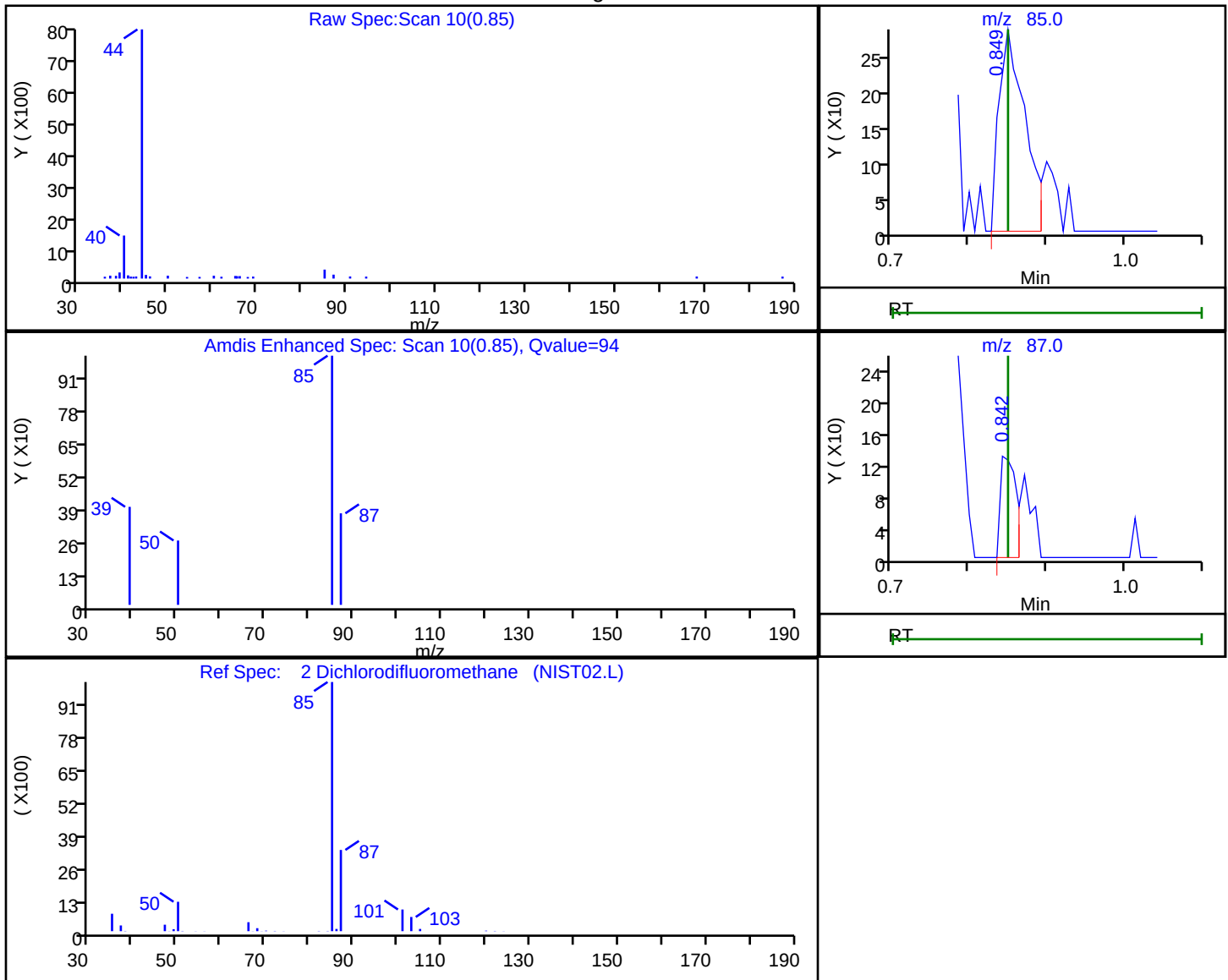
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.85	85.00	663	0.183014
0.84	87.00	184	

Reviewer: desais, 20-Dec-2018 09:44:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

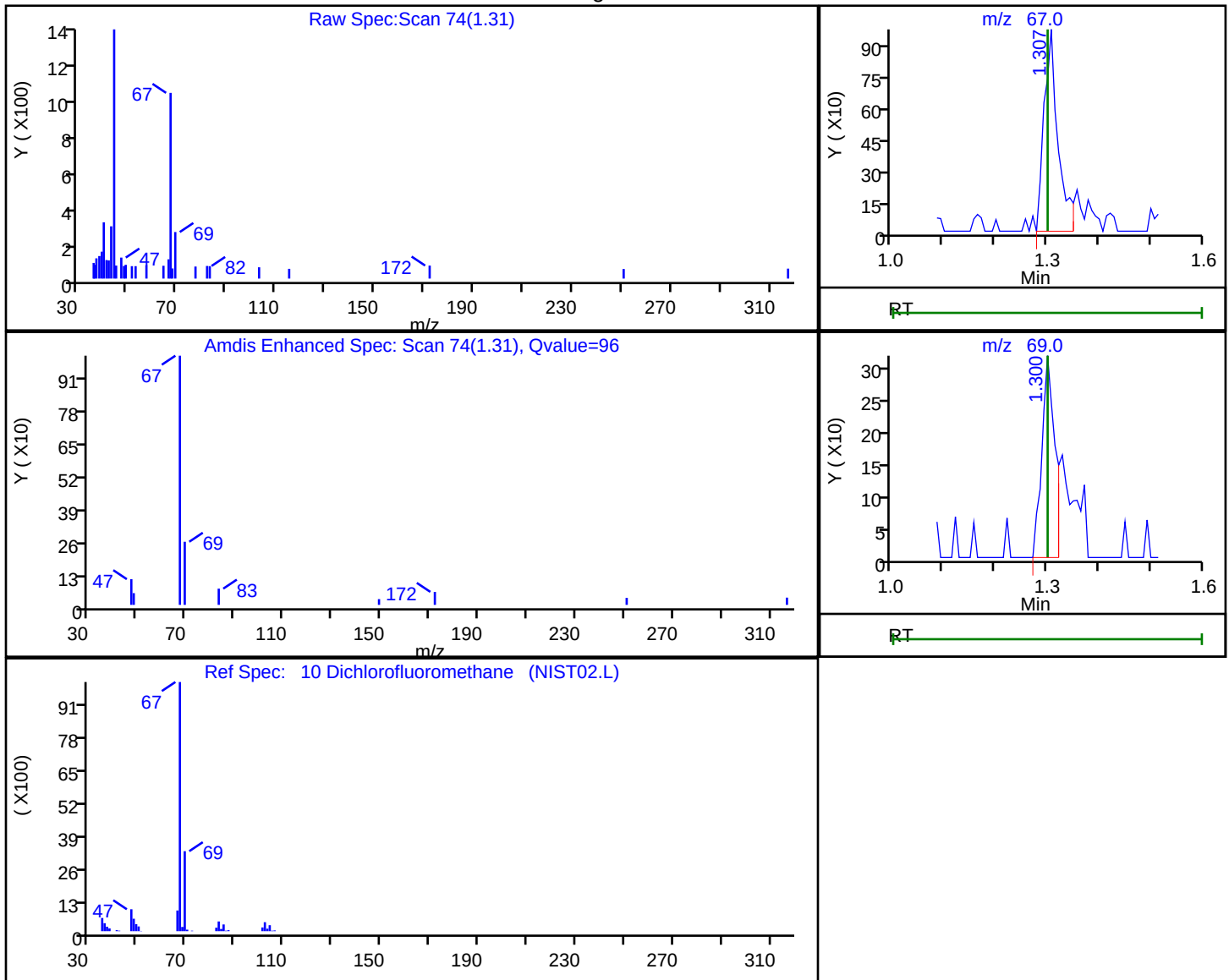
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.31	67.00	1824	0.254403
1.30	69.00	554	

Reviewer: desais, 20-Dec-2018 09:44:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

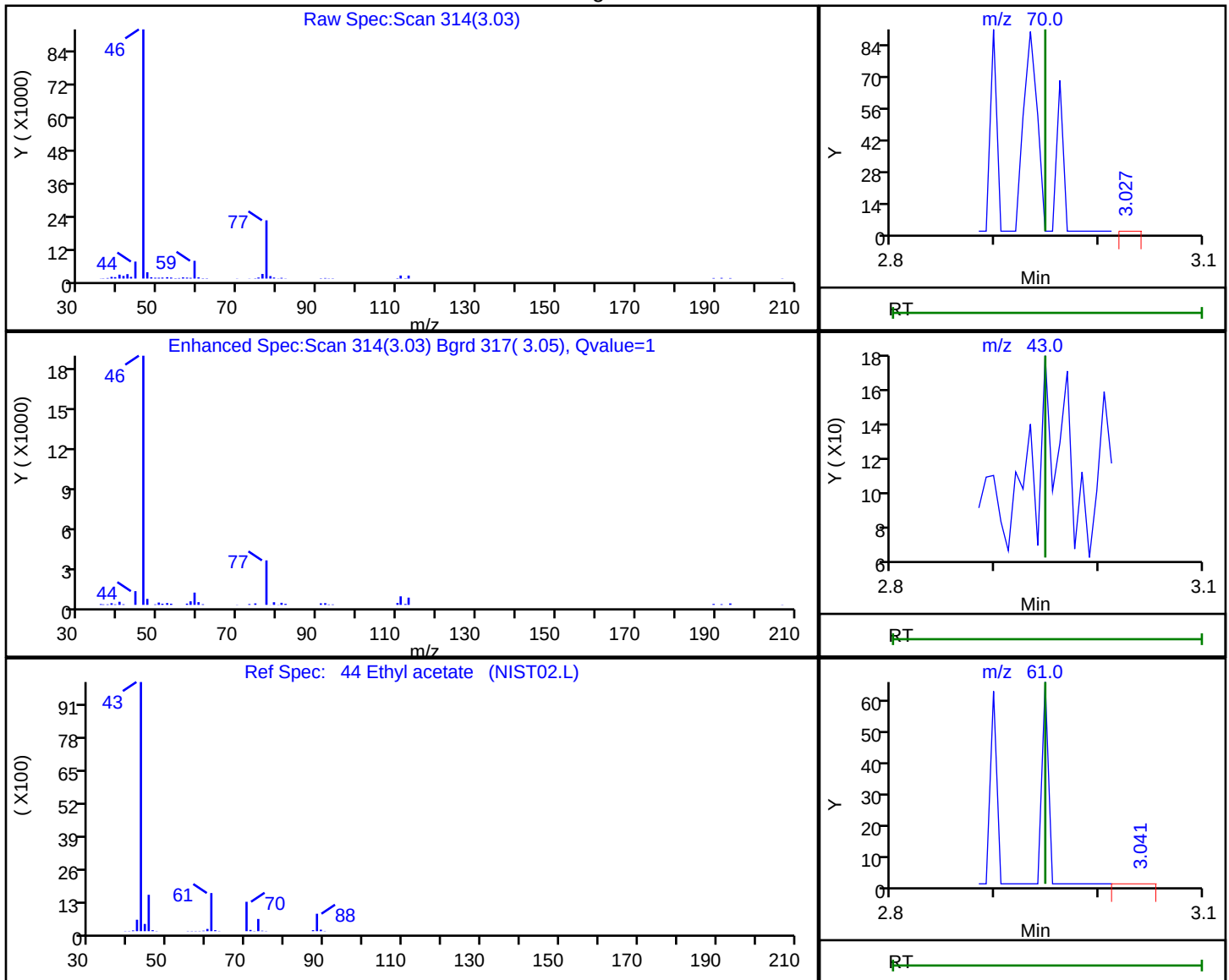
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

44 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.03	70.00	49	0.137251
3.03	43.00	2470	
3.04	61.00	258	

Reviewer: desais, 20-Dec-2018 09:44:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

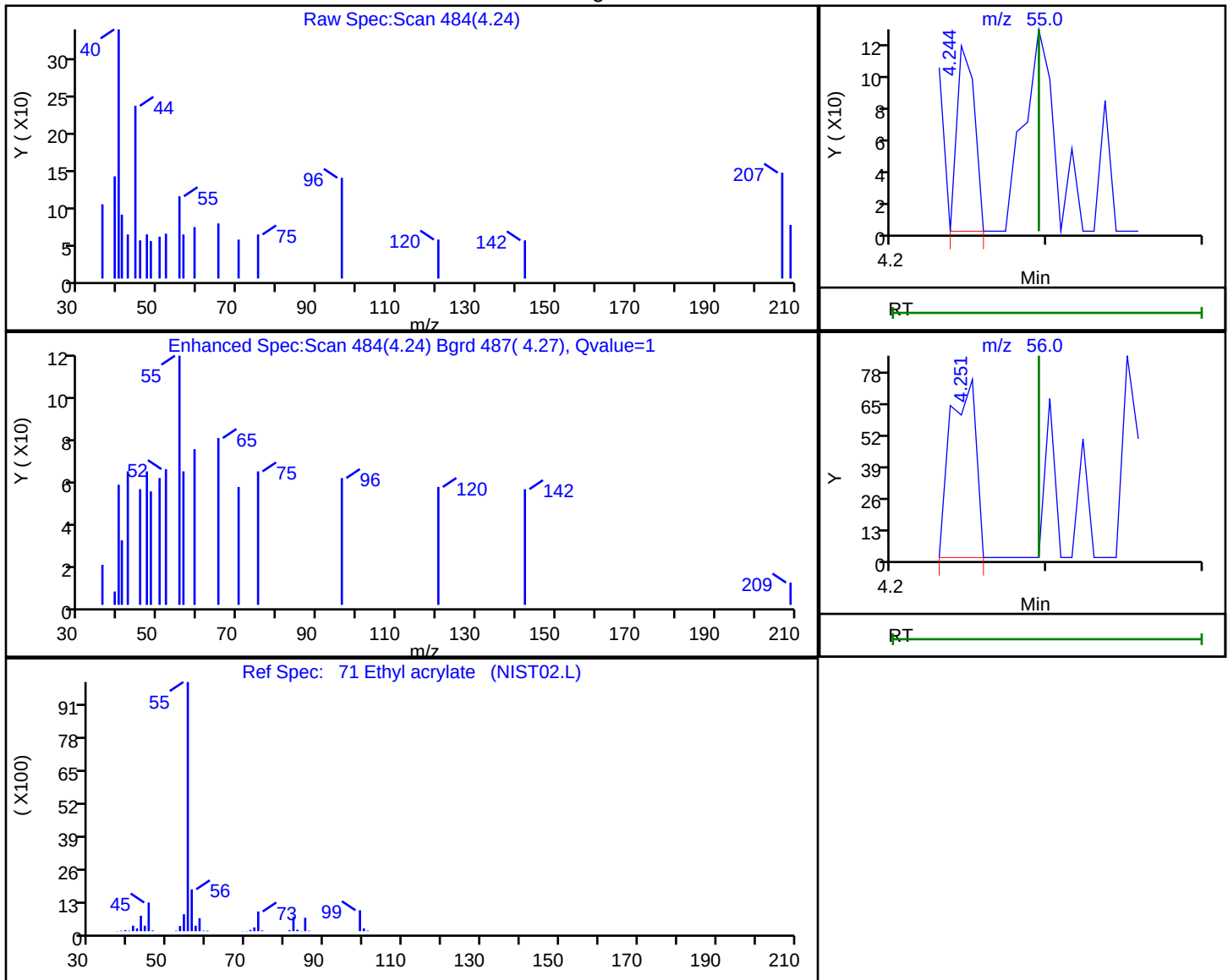
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

71 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.24	55.00	88	0.277169
4.25	56.00	86	

Reviewer: desais, 20-Dec-2018 09:45:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

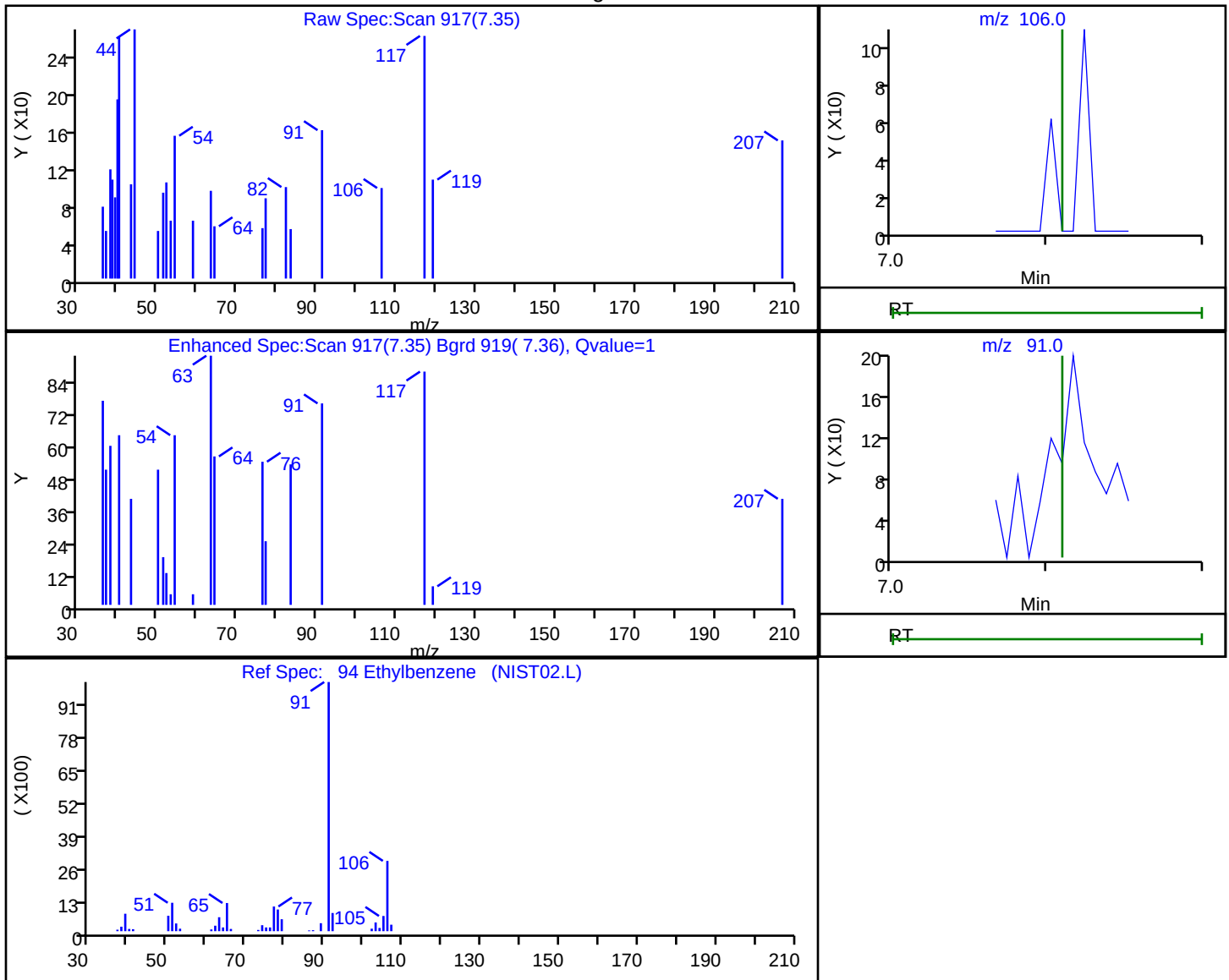
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.35	106.00	42	0.007582
7.34	91.00	310	

Reviewer: desais, 20-Dec-2018 09:45:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

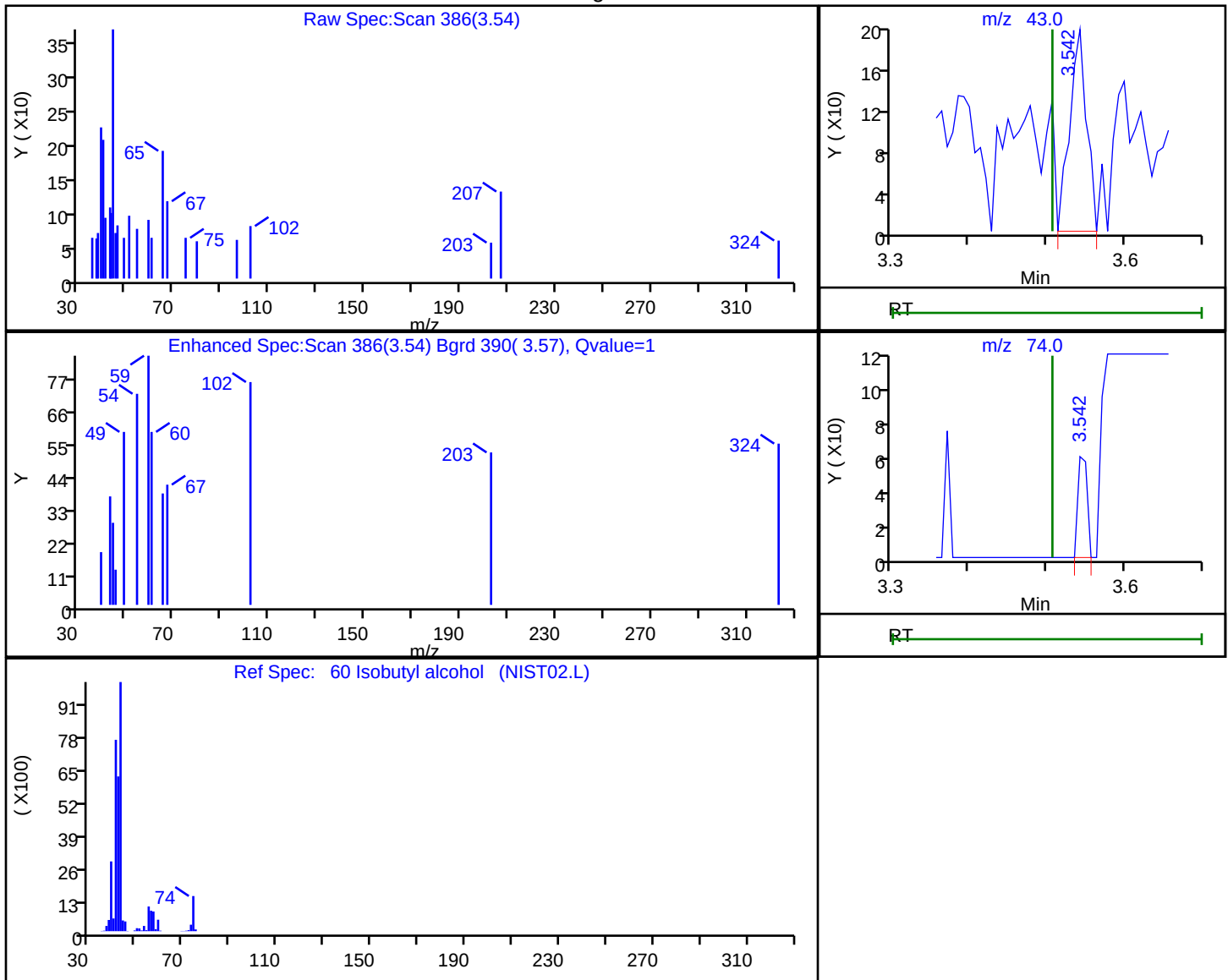
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.54	43.00	300	2.740417
3.54	74.00	49	

Reviewer: desais, 20-Dec-2018 09:45:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

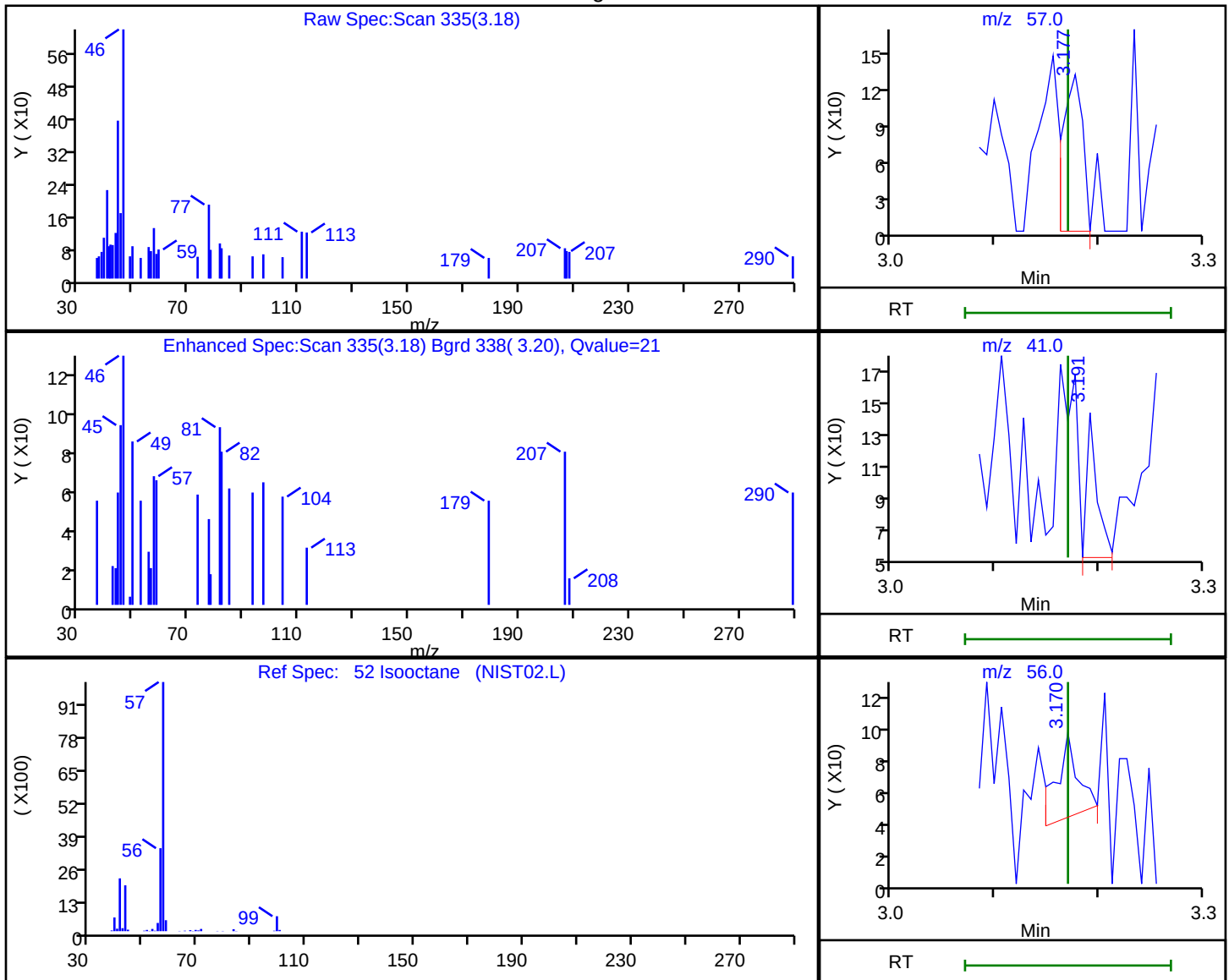
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

52 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.18	57.00	167	0.029055
3.19	41.00	58	
3.17	56.00	78	

Reviewer: desais, 20-Dec-2018 09:44:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

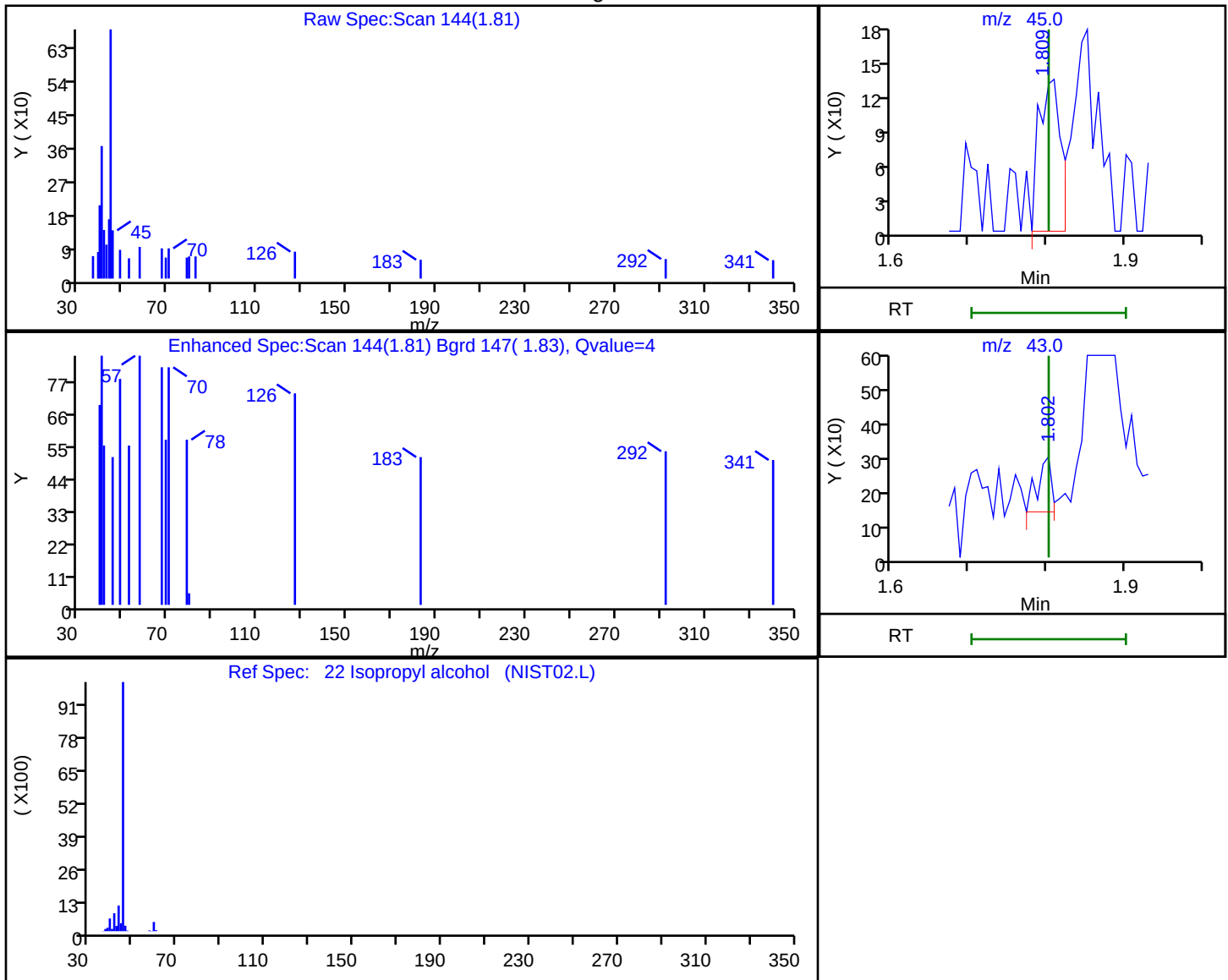
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.81	45.00	259	1.198798
1.80	43.00	199	

Reviewer: desais, 20-Dec-2018 09:44:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

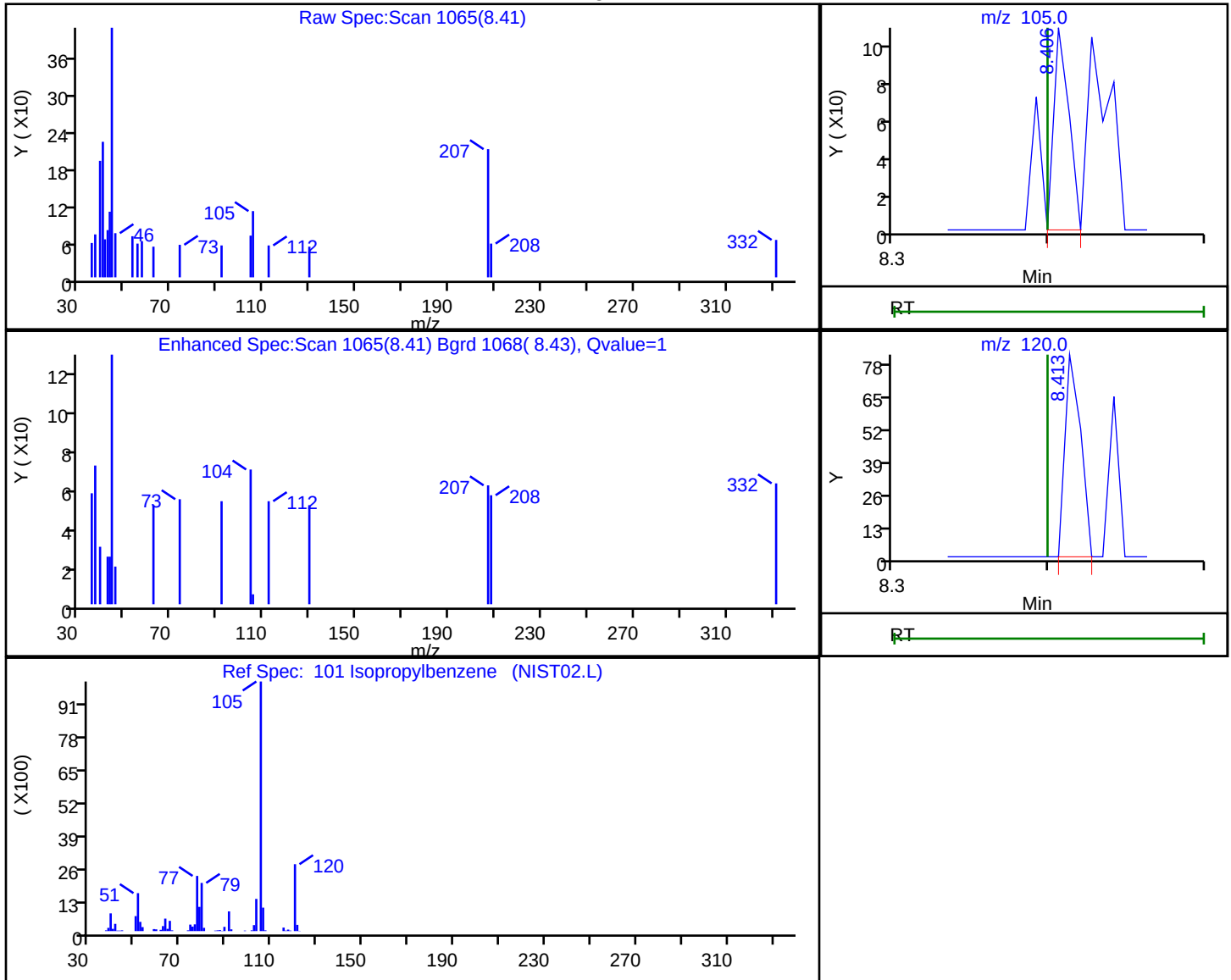
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

101 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
8.41	105.00	73	0.004875
8.41	120.00	58	

Reviewer: desais, 20-Dec-2018 09:45:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

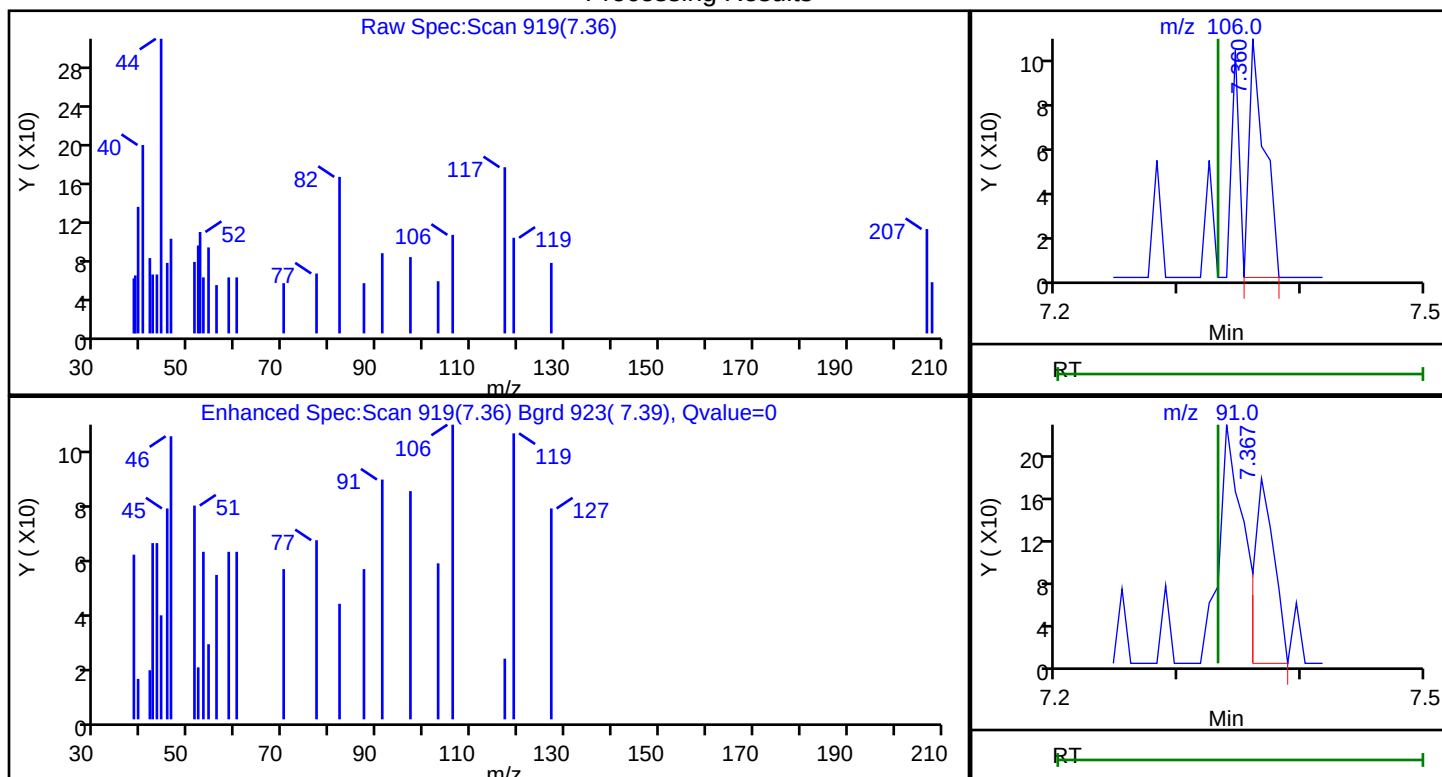
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
7.36	106.00	89	0.014324
7.37	91.00	193	

Reviewer: desais, 20-Dec-2018 09:45:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

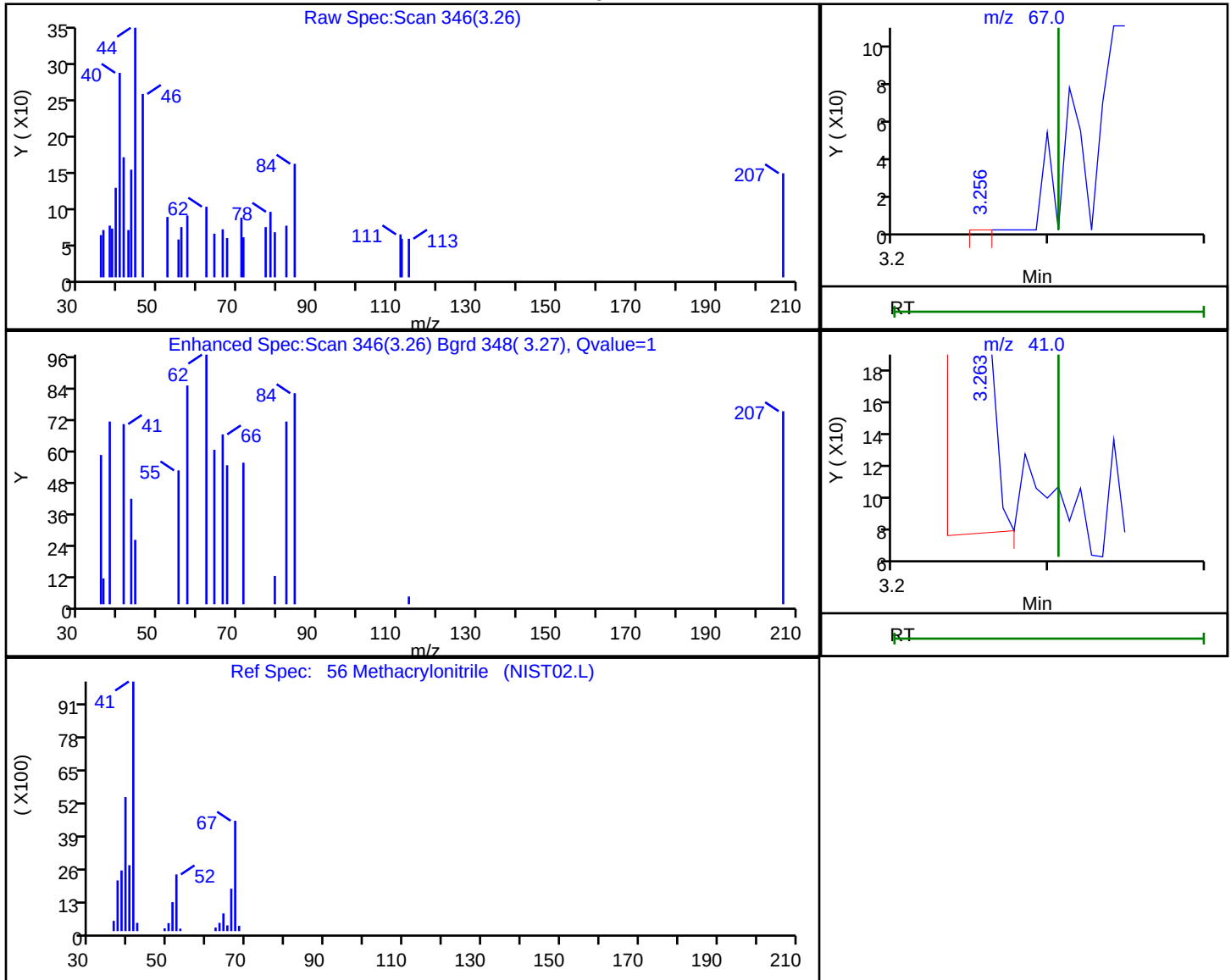
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

56 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.26	67.00	23	0.016662
3.26	41.00	120	

Reviewer: desais, 20-Dec-2018 09:44:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

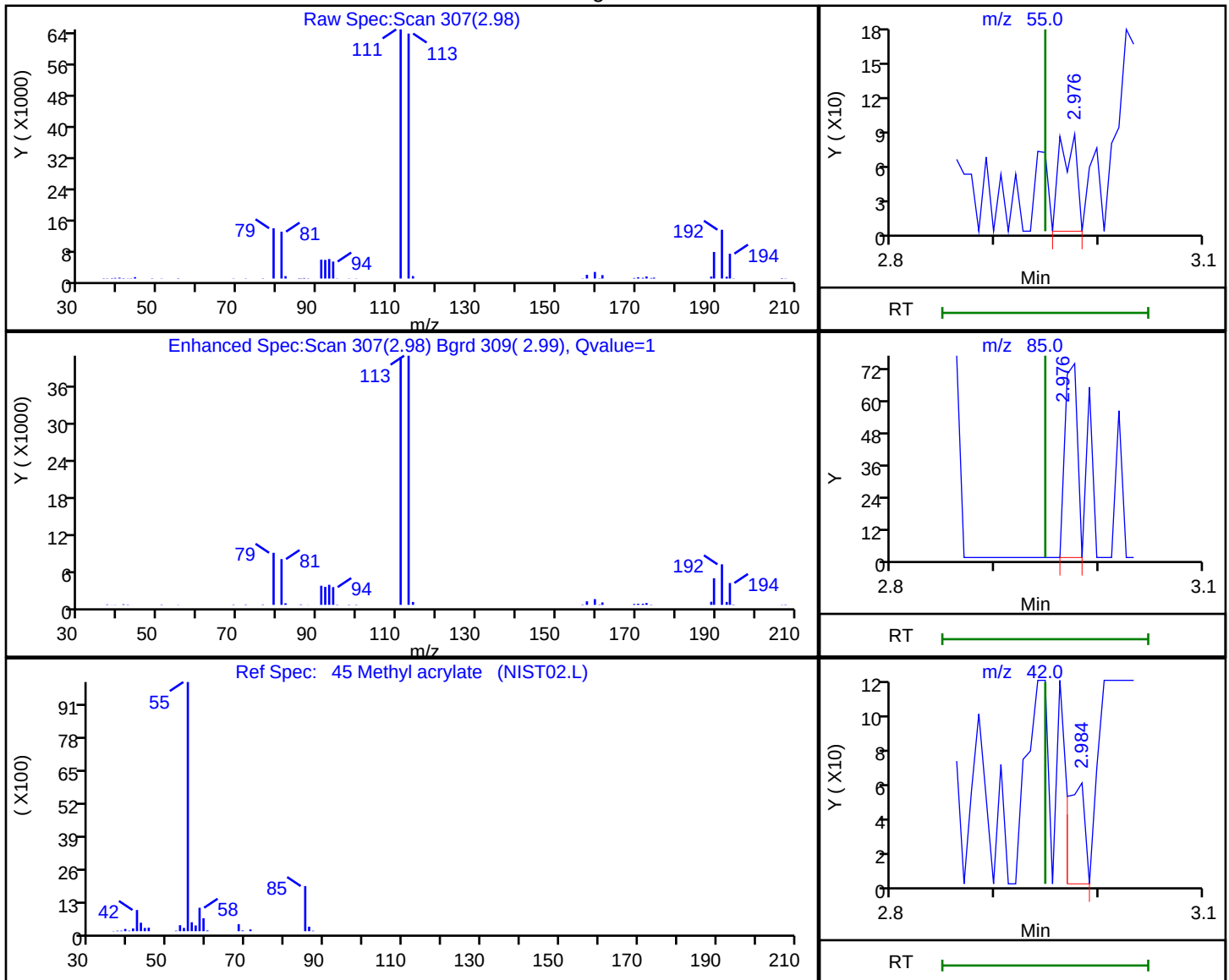
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

45 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.98	55.00	95	0.032491
2.98	85.00	62	
2.98	42.00	71	

Reviewer: desais, 20-Dec-2018 09:44:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

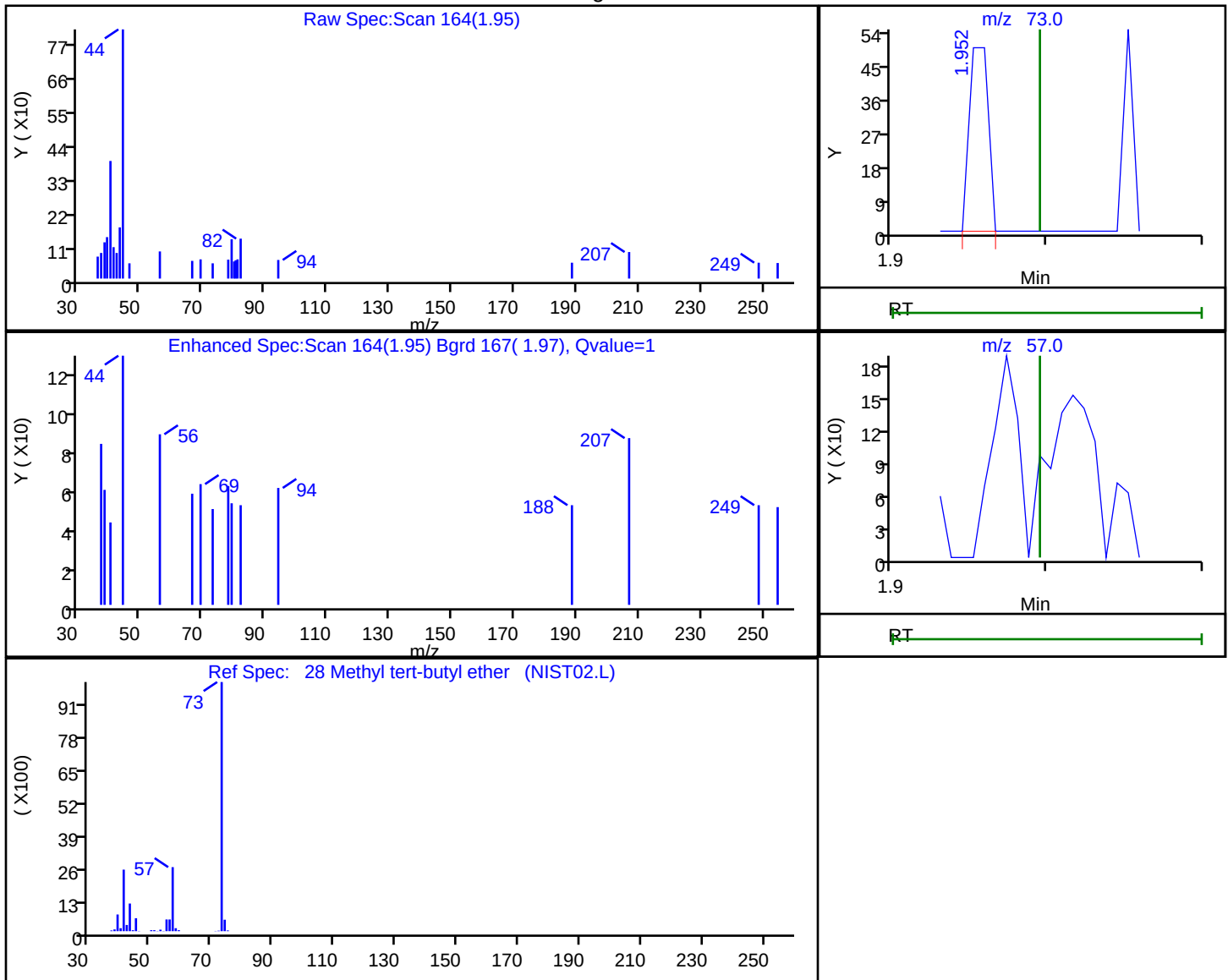
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
1.95	73.00	43	0.003977
2.00	57.00	0	

Reviewer: desais, 20-Dec-2018 09:44:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

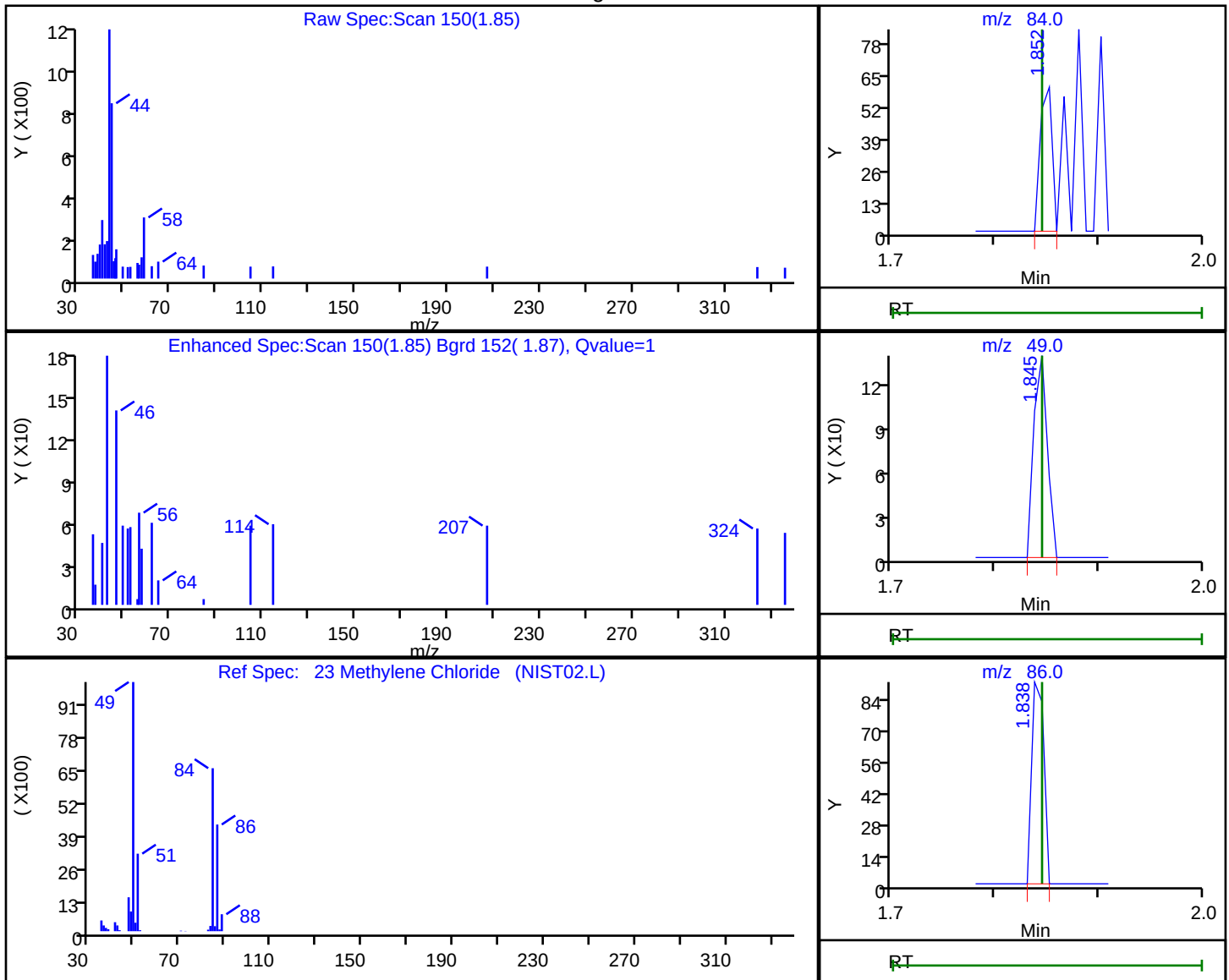
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

23 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.85	84.00	48	0.012227
1.84	49.00	127	
1.84	86.00	75	

Reviewer: desais, 20-Dec-2018 09:44:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

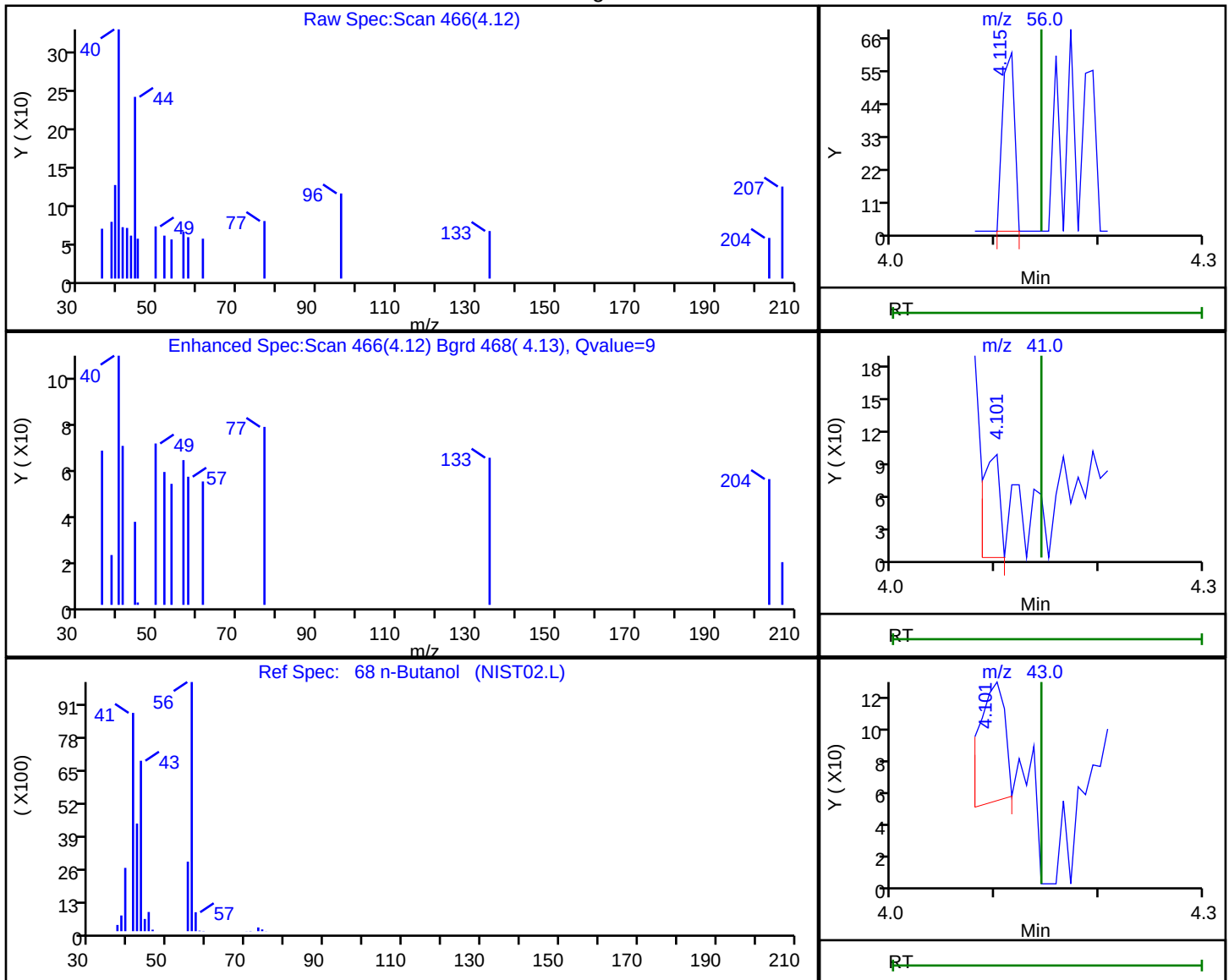
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.12	56.00	49	15.304186
4.10	41.00	109	
4.10	43.00	131	

Reviewer: desais, 20-Dec-2018 09:45:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

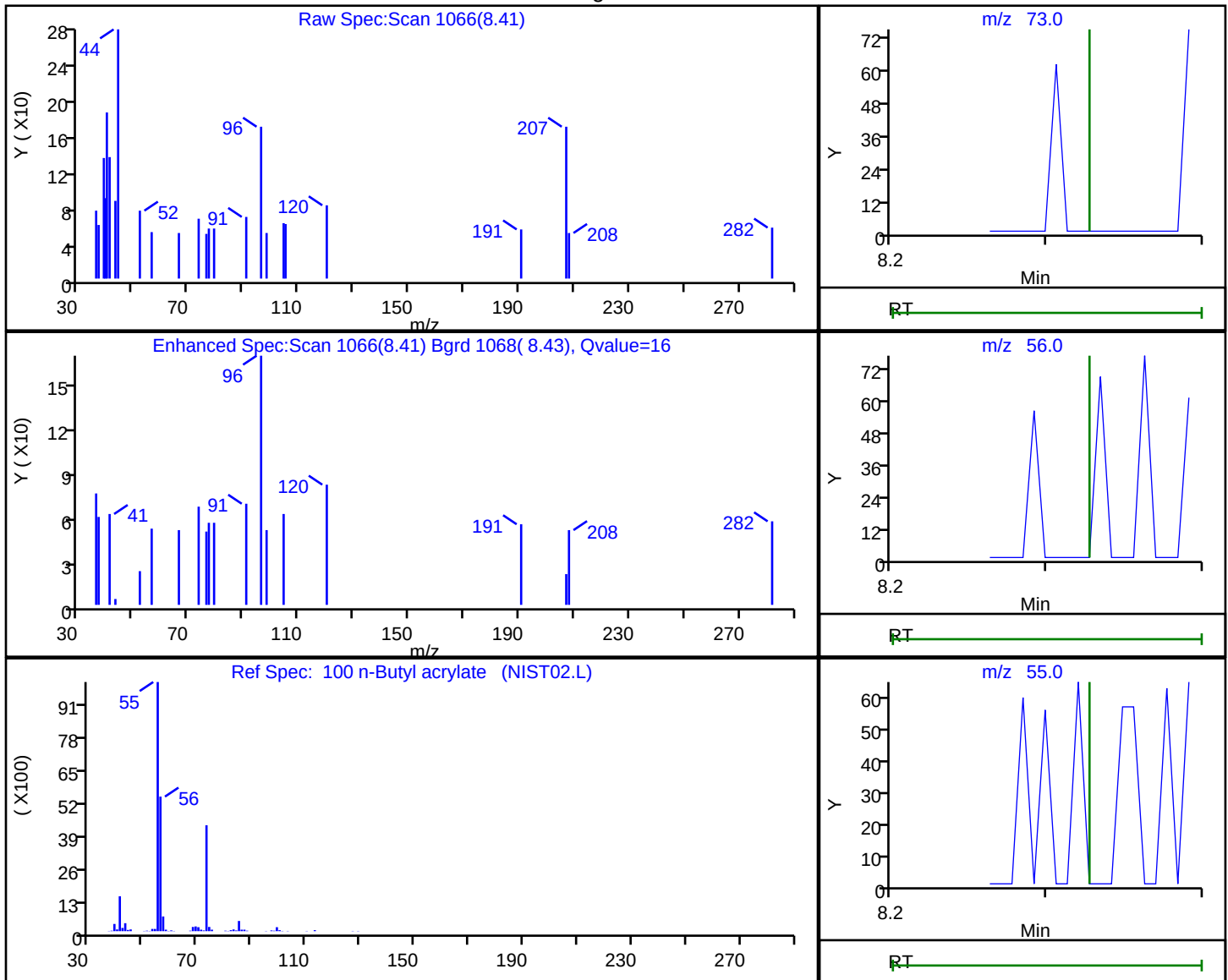
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.41	73.00	52	0.019963
8.42	56.00	56	
8.41	55.00	24	

Reviewer: desais, 20-Dec-2018 09:45:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

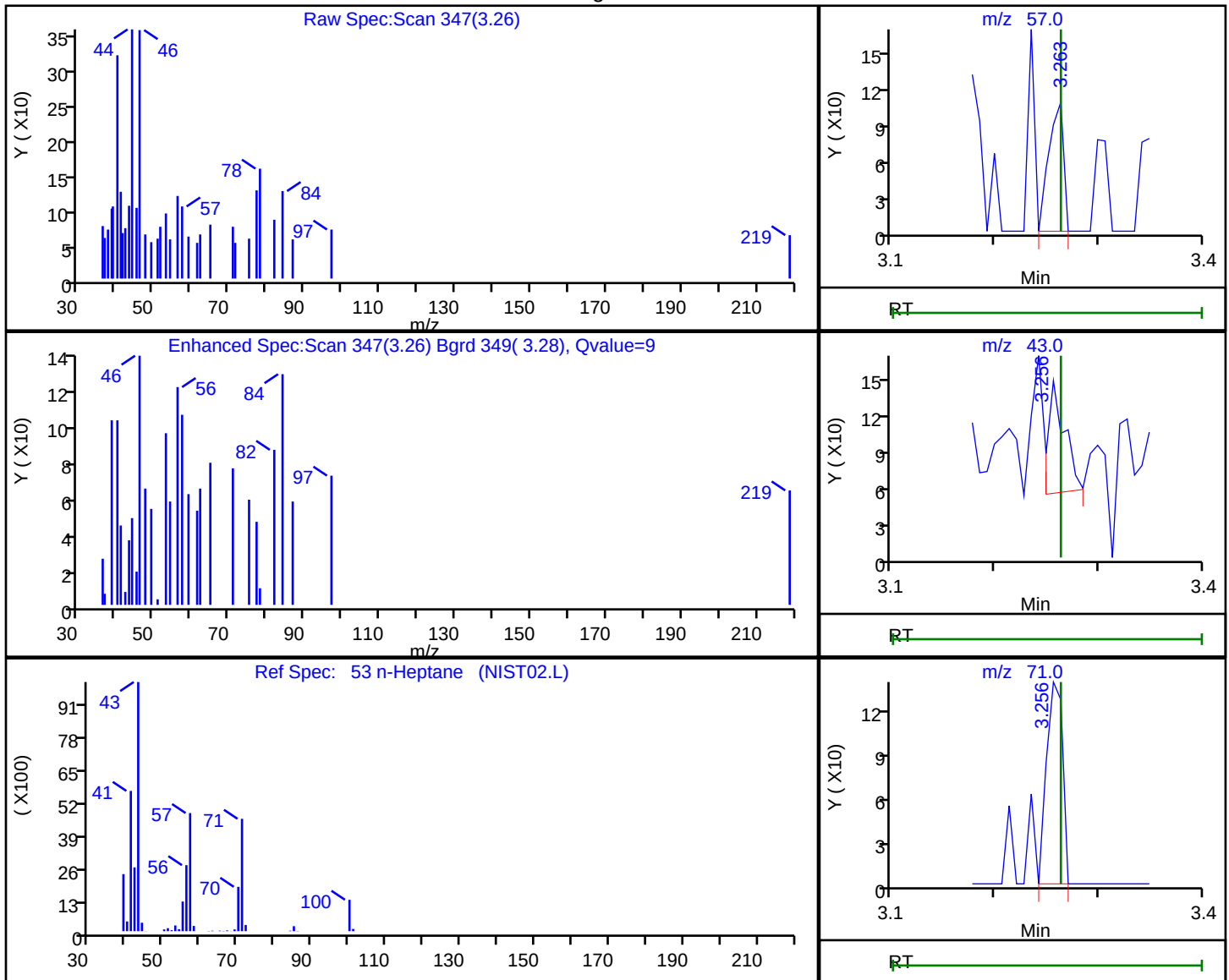
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

53 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.26	57.00	102	0.073197
3.26	43.00	104	
3.26	71.00	148	

Reviewer: desais, 20-Dec-2018 09:44:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

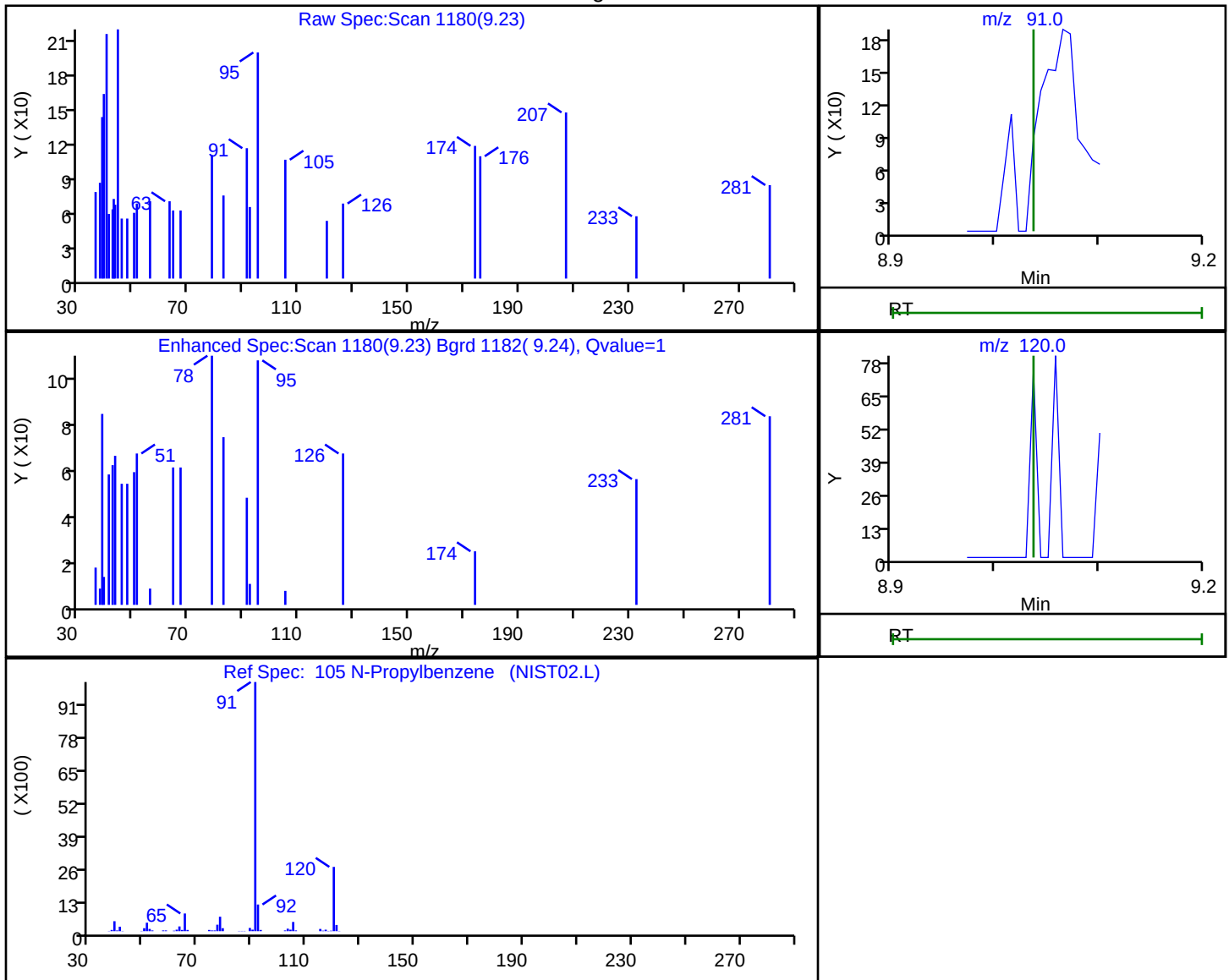
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

105 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.23	91.00	107	0.007161
9.24	120.00	100	

Reviewer: desais, 20-Dec-2018 09:45:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

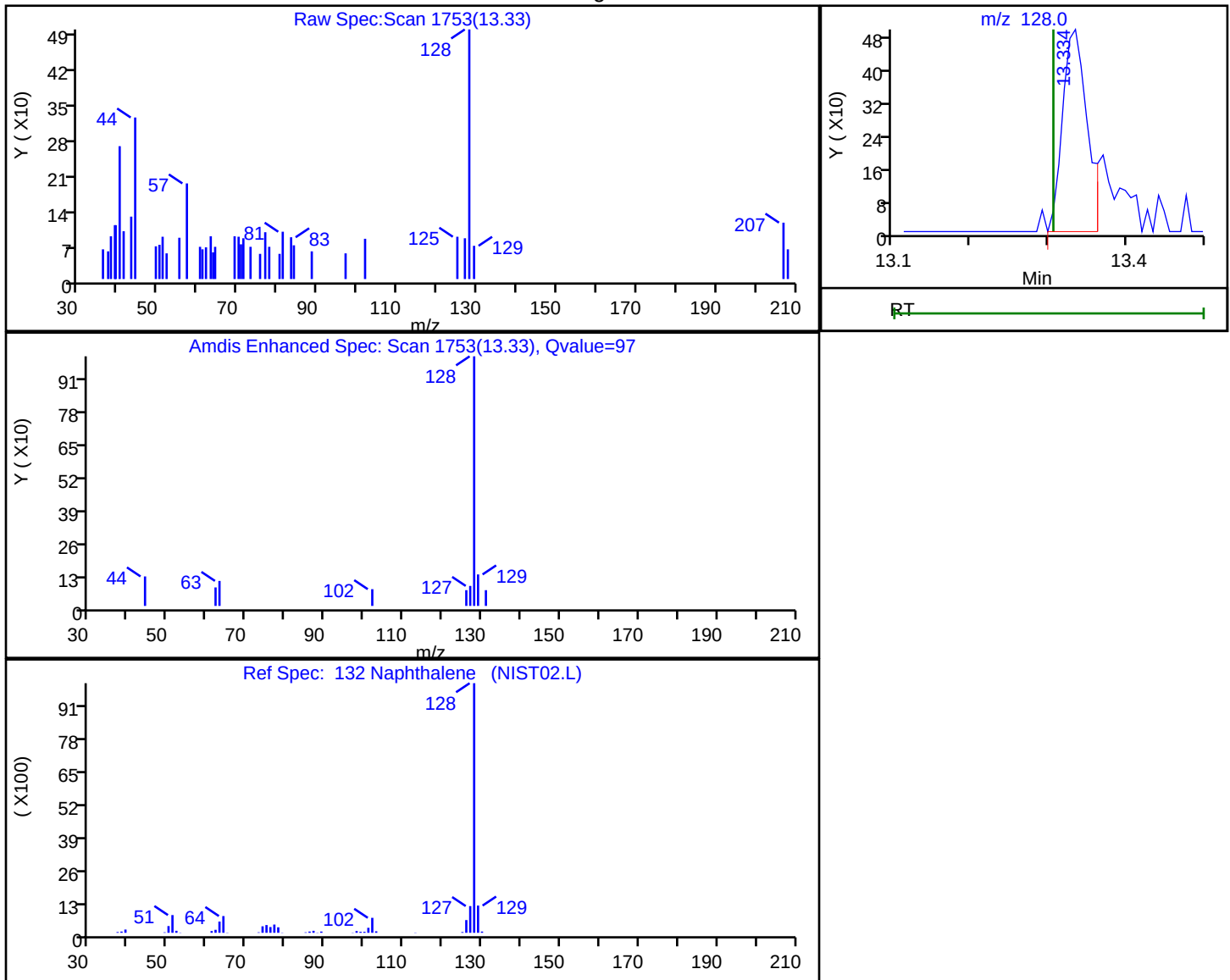
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

132 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
13.33	128.00	1101	0.115949

Reviewer: desais, 20-Dec-2018 09:45:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

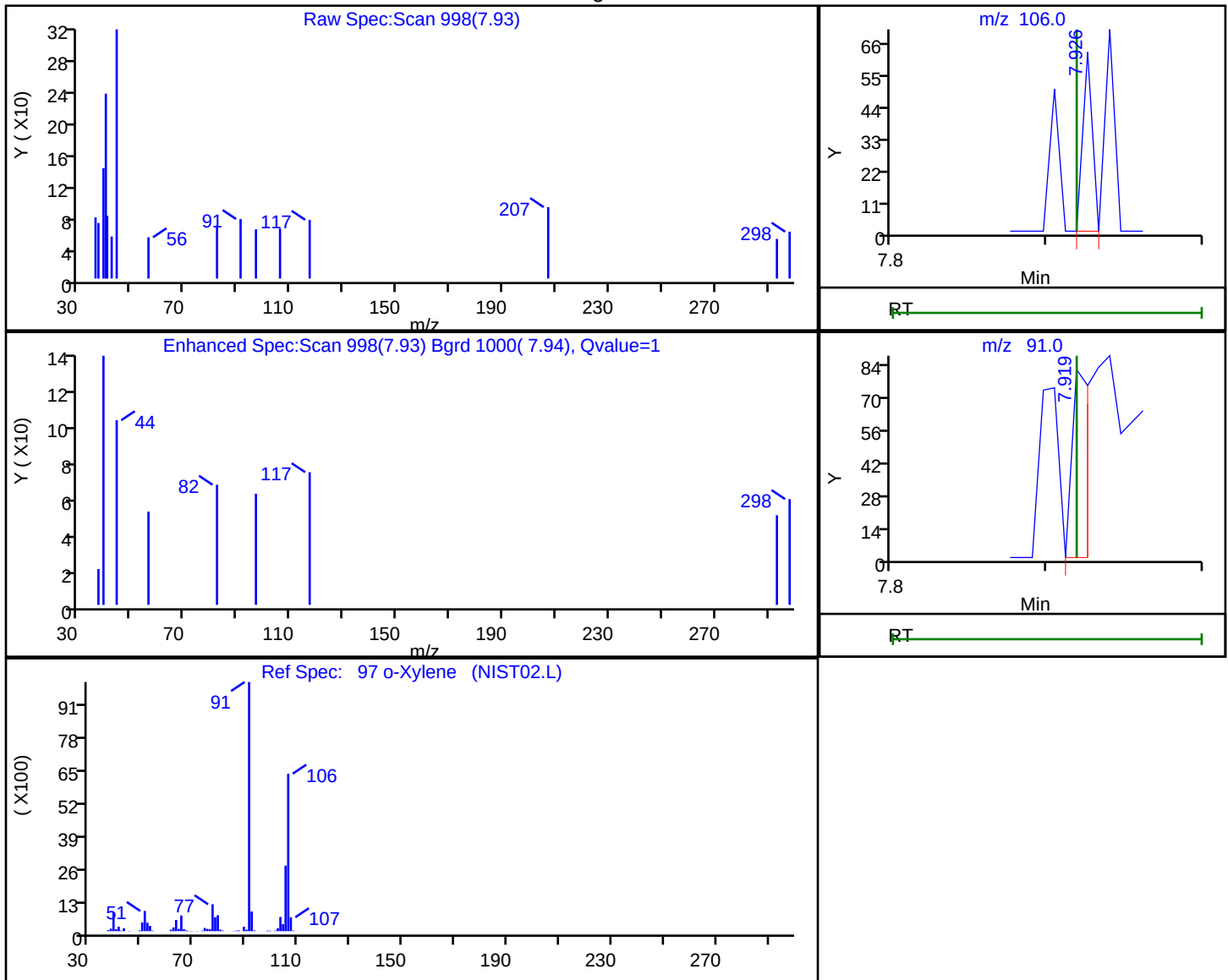
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

97 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
7.93	106.00	27	0.004245
7.92	91.00	67	

Reviewer: desais, 20-Dec-2018 09:45:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

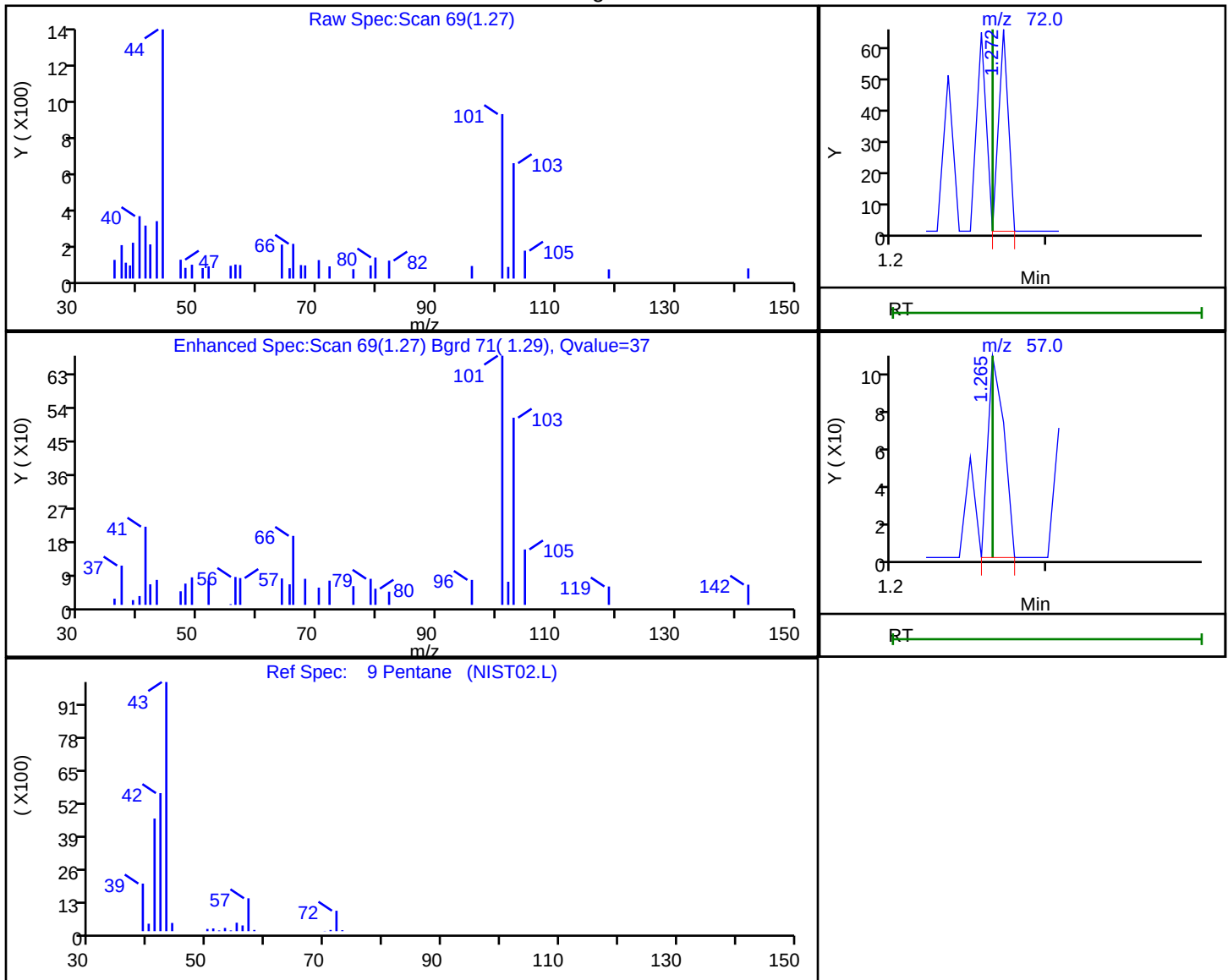
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

9 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.27	72.00	28	0.049000
1.26	57.00	78	

Reviewer: desais, 20-Dec-2018 09:44:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

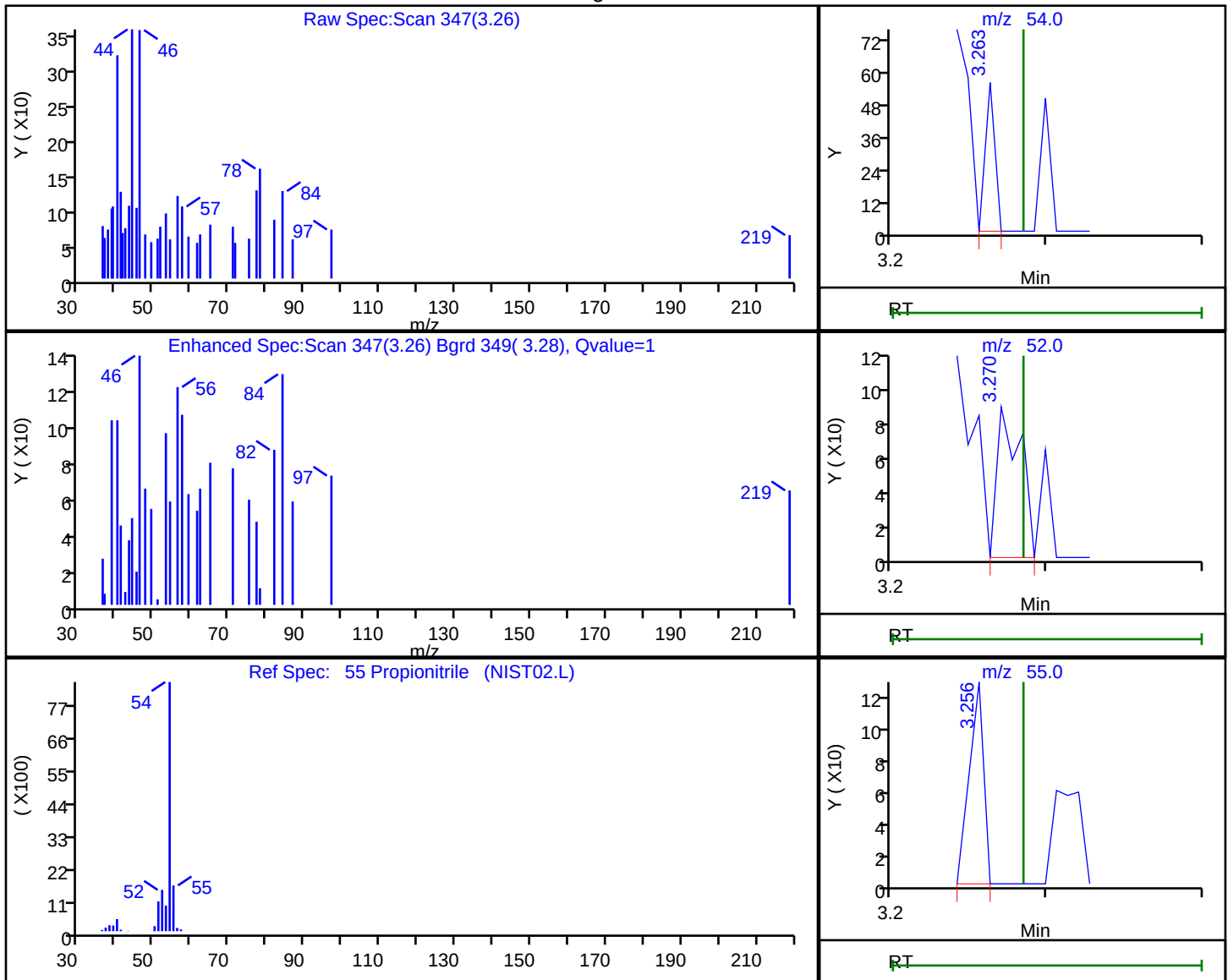
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

55 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.26	54.00	24	0.053806
3.27	52.00	94	
3.26	55.00	78	

Reviewer: desais, 20-Dec-2018 09:44:56

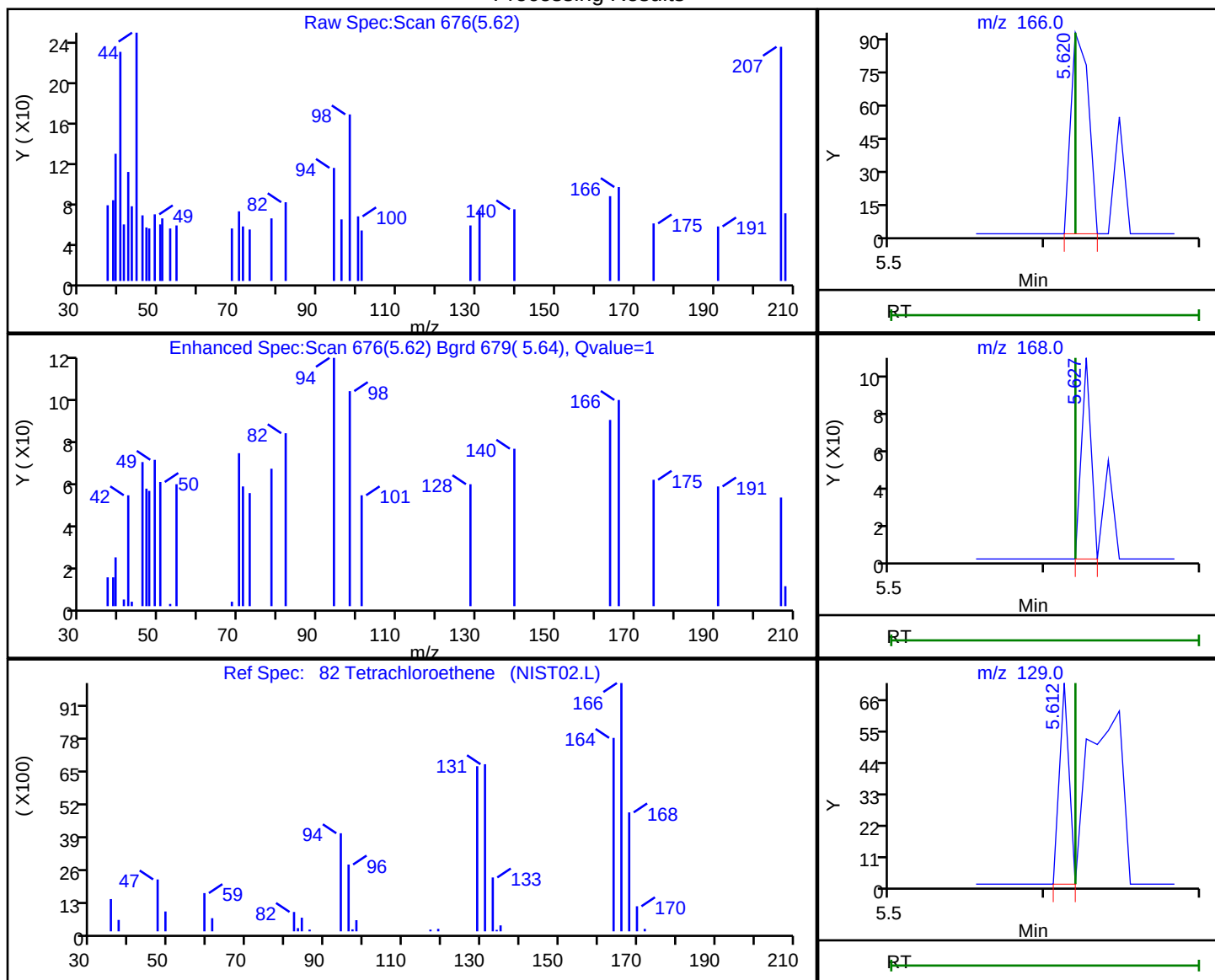
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Data File:	\\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D		
Injection Date:	20-Dec-2018 07:12:30	Instrument ID:	CVOAMS13
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Wo
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C W
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

ALS Bottle#: 2 Worklist Smp#: 3
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector MS SCAN

Processing Results



RT	Mass	Response	Amount
5.62	166.00	73	0.020317
5.63	168.00	45	
5.61	129.00	31	

Audit Action: Marked Compound Undetected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

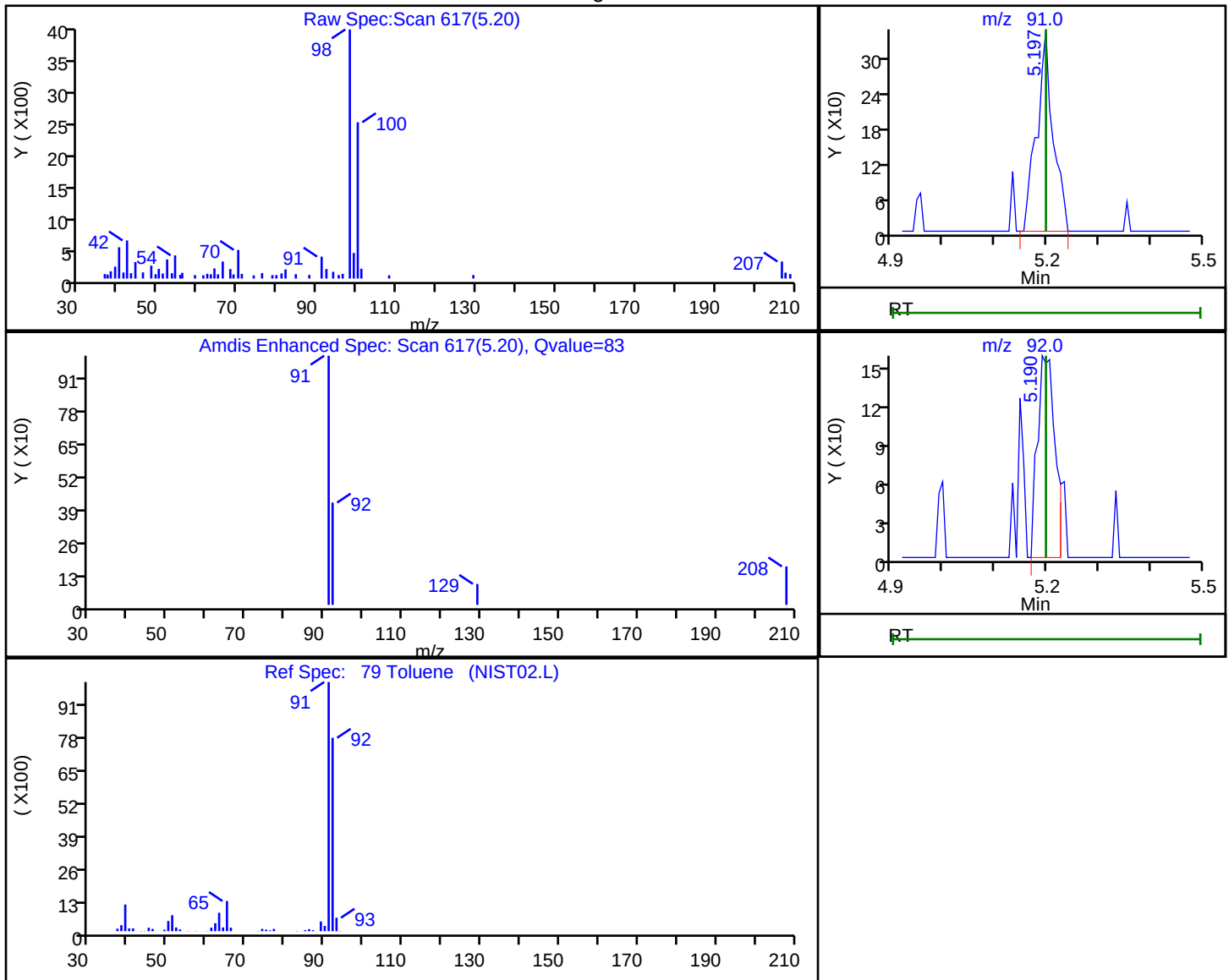
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

79 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.20	91.00	755	0.046742
5.19	92.00	372	

Reviewer: desais, 20-Dec-2018 09:45:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

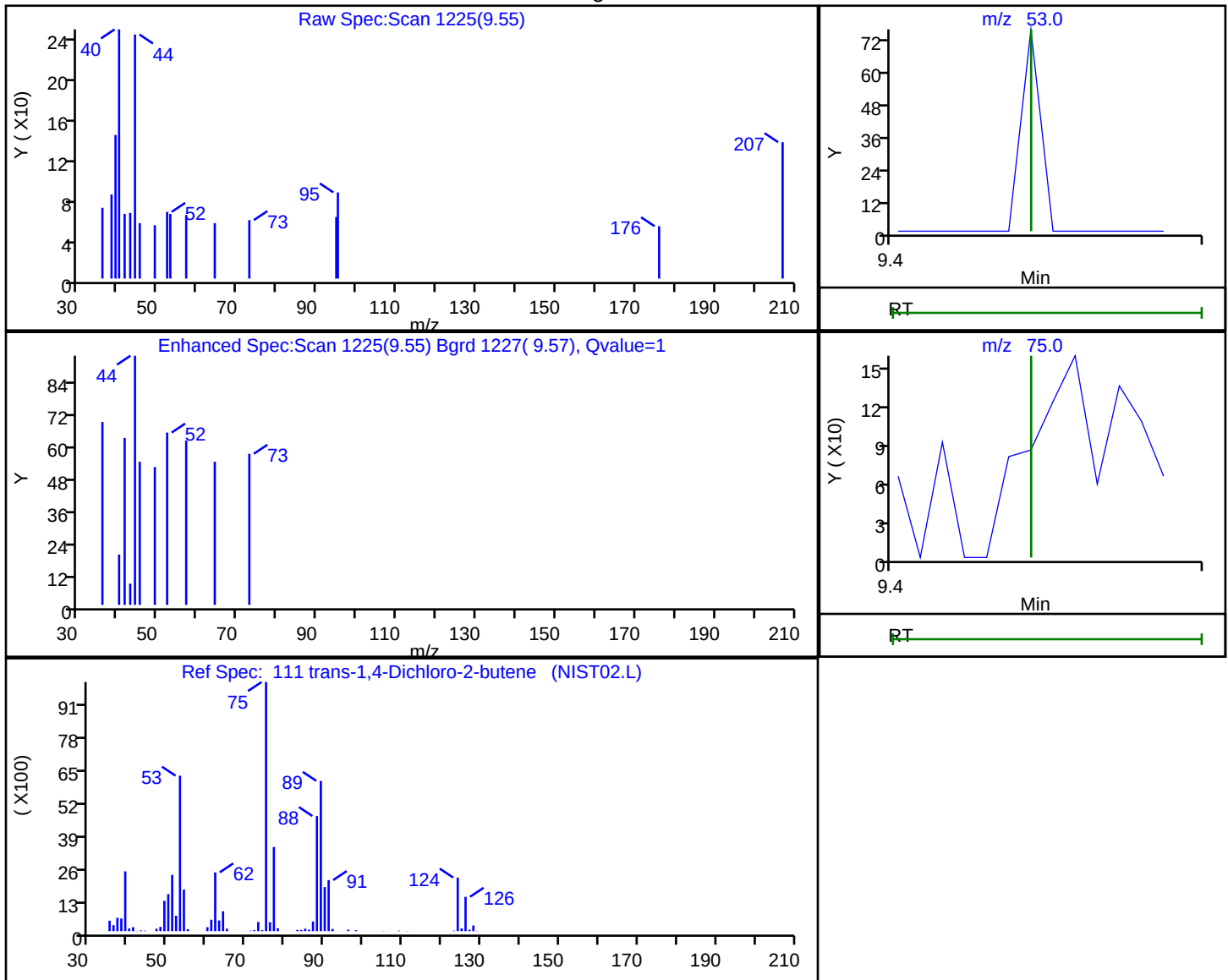
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.55	53.00	27	0.023957
9.54	75.00	41	

Reviewer: desais, 20-Dec-2018 09:45:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

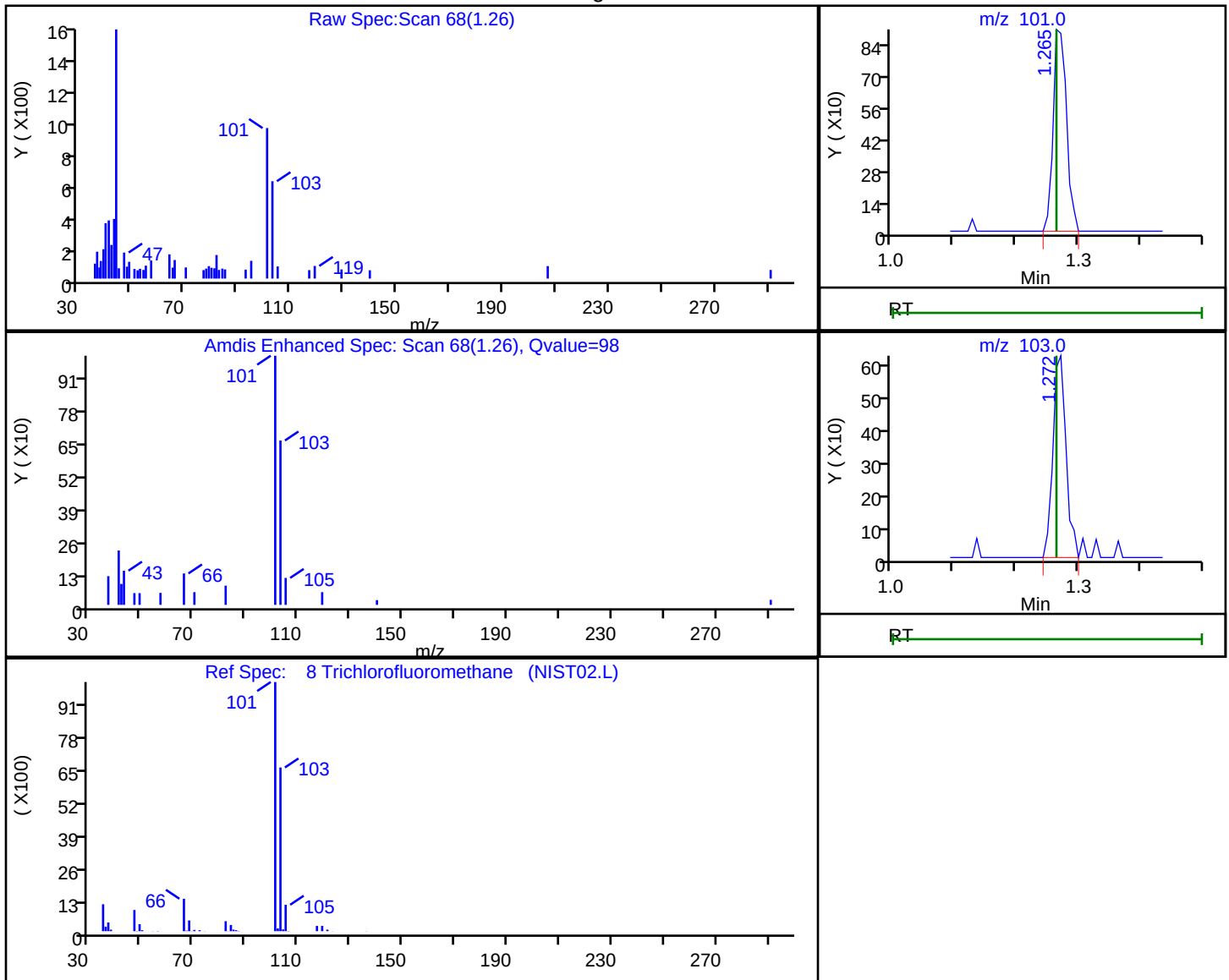
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.26	101.00	1368	0.235385
1.27	103.00	921	

Reviewer: desais, 20-Dec-2018 09:44:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54820.D

Injection Date: 20-Dec-2018 07:12:30

Instrument ID: CVOAMS13

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

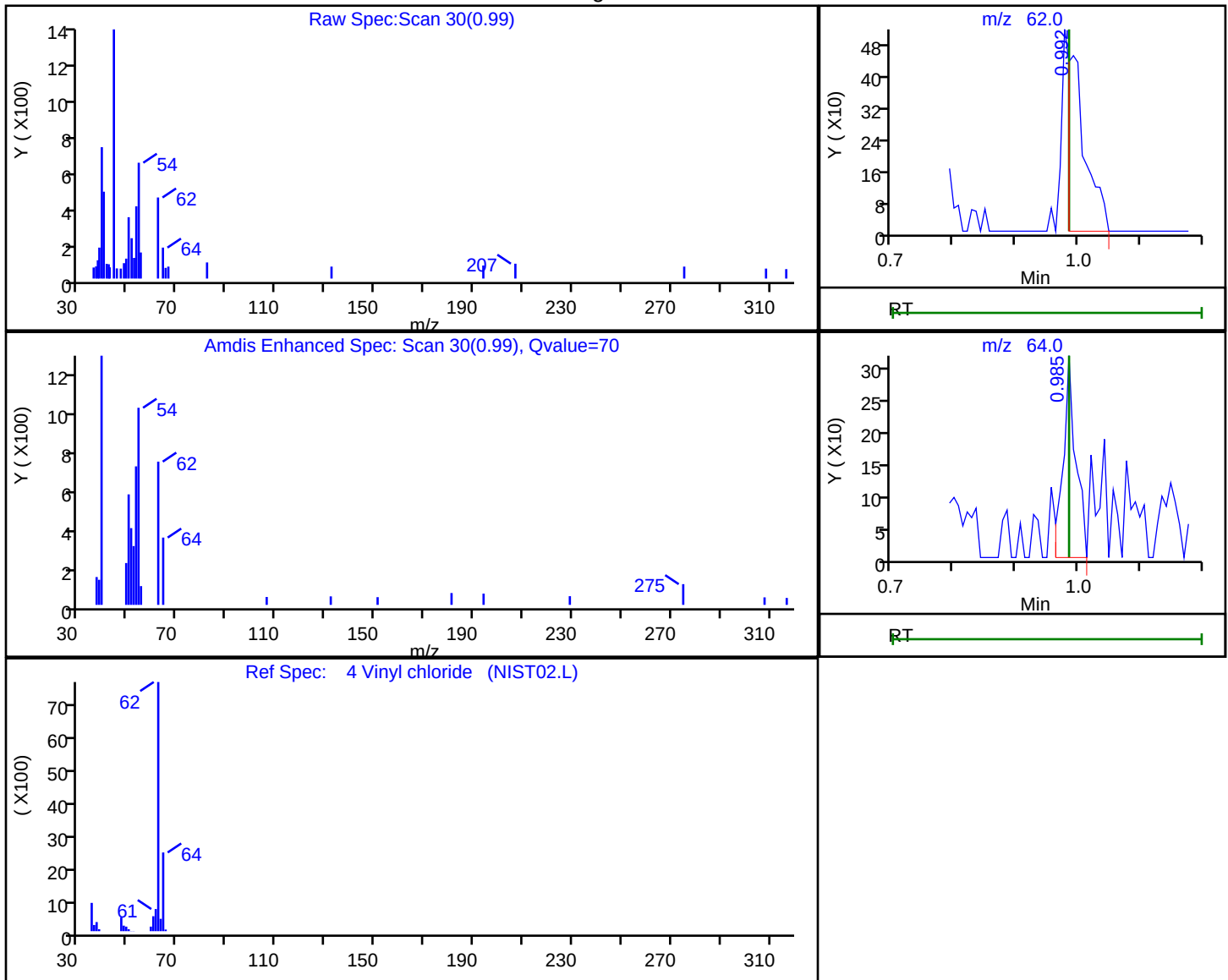
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.99	62.00	908	0.241562
0.99	64.00	451	

Reviewer: desais, 20-Dec-2018 09:44:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 20-Dec-2018 07:37:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0083907-004
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:29:14 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: desais

Date: 20-Dec-2018 09:55:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	40	364	0.5000	0.4192	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	94	1840	0.5000	0.4921	
3 Chloromethane	50	0.971	0.964	0.007	1	1040	0.5000	0.4392	M
4 Vinyl chloride	62	0.978	0.985	-0.007	62	1773	0.5000	0.4722	
5 Butadiene	54	0.985	0.985	0.000	93	1559	0.5000	0.4850	
6 Bromomethane	94	1.143	1.143	0.000	91	897	0.5000	0.5159	M
7 Chloroethane	64	1.200	1.200	0.000	96	1293	0.5000	0.4504	
8 Trichlorofluoromethane	101	1.264	1.265	-0.001	74	2627	0.5000	0.4509	
9 Pentane	72	1.264	1.265	-0.001	92	489	1.00	0.8601	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	97	3401	0.5000	0.4783	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	95	2041	0.5000	0.4322	
12 Ethyl ether	59	1.422	1.422	0.000	83	1446	0.5000	0.4816	
13 Ethanol	46	1.501	1.501	0.000	45	533	20.0	32.2	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	94	1449	0.5000	0.4508	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	77	1986	0.5000	0.4944	
16 Carbon disulfide	76	1.544	1.537	0.007	100	4985	0.5000	0.5014	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	45	1393	0.5000	0.4583	
18 Iodomethane	142	1.608	1.601	0.007	32	221	0.5000	0.0754	M
19 Cyclopentene	67	1.687	1.680	0.007	97	4444	0.5000	0.5227	
20 Acrolein	56	1.709	1.702	0.007	92	1248	2.00	2.41	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	82	1050	0.5000	0.5288	
22 Isopropyl alcohol	45	1.795	1.802	-0.007	96	1248	5.00	5.81	
23 Methylene Chloride	84	1.845	1.845	0.000	97	2018	0.5000	0.5171	
24 Acetone	43	1.866	1.859	0.007	85	3442	2.50	2.42	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	97	1992	0.5000	0.5479	
26 Methyl acetate	43	1.938	1.938	0.000	54	2043	1.00	1.00	
27 Hexane	86	1.981	1.974	0.007	35	332	0.5000	0.5723	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	97	5013	0.5000	0.4663	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	227121	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	96	2020	5.00	5.91	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.146	2.131	0.015	93	2121	5.00	5.65	
32 Isopropyl ether	45	2.224	2.224	0.000	96	5903	0.5000	0.4897	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	92	1682	0.5000	0.5111	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	3823	0.5000	0.5481	
35 Acrylonitrile	53	2.332	2.332	0.000	91	5601	5.00	4.56	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	88	5670	0.5000	0.4771	
37 Vinyl acetate	43	2.468	2.461	0.007	99	7561	1.00	0.9321	
38 cis-1,2-Dichloroethene	96	2.654	2.647	0.007	93	1864	0.5000	0.5034	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	94	2630	0.5000	0.5098	
40 Cyclohexane	56	2.776	2.776	0.000	88	2286	0.5000	0.4935	
41 Chlorobromomethane	128	2.783	2.783	0.000	94	850	0.5000	0.4937	
42 Chloroform	83	2.840	2.840	0.000	95	3194	0.5000	0.5258	
43 Carbon tetrachloride	117	2.933	2.934	-0.001	90	1837	0.5000	0.4461	
44 Ethyl acetate	70	2.955	2.948	0.007	96	381	1.00	1.01	
45 Methyl acrylate	55	2.955	2.948	0.007	53	1625	0.5000	0.5590	
46 Tetrahydrofuran	42	2.962	2.955	0.007	36	1313	1.00	1.04	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	95	111158	50.0	48.6	
48 1,1,1-Trichloroethane	97	2.976	2.984	-0.008	36	2621	0.5000	0.5086	a
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	230398	250.0	250.0	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	79	3310	0.5000	0.6197	a
50 2-Butanone (MEK)	72	3.077	3.077	0.000	95	1255	2.50	3.04	
52 Isooctane	57	3.163	3.170	-0.007	96	3135	0.5000	0.5486	
54 Benzene	78	3.270	3.263	0.007	96	7564	0.5000	0.5242	
53 n-Heptane	57	3.256	3.263	-0.007	43	928	0.5000	0.6161	Ma
55 Propionitrile	54	3.299	3.285	0.014	33	2000	5.00	4.51	
56 Methacrylonitrile	67	3.306	3.306	0.000	94	6053	5.00	4.41	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.370	0.000	0	143018	50.0	49.3	
58 Tert-amyl methyl ether	73	3.385	3.378	0.007	38	4525	0.5000	0.4462	
59 1,2-Dichloroethane	62	3.435	3.428	0.007	91	3292	0.5000	0.5951	
60 Isobutyl alcohol	43	3.514	3.507	0.007	52	969	12.5	8.90	
61 t-Amyl alcohol	59	3.571	3.571	0.000	1	1007	5.00	4.91	Ma
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	446018	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.679	-0.001	92	2955	0.5000	0.4726	M
64 Methylcyclohexane	83	3.729	3.736	-0.007	90	2066	0.5000	0.5233	
65 Trichloroethene	130	3.757	3.757	0.000	93	1802	0.5000	0.4863	
66 2-ethoxy-2-methyl butane	59	4.008	4.001	0.007	91	4057	0.5000	0.4681	
67 Dibromomethane	93	4.137	4.130	0.007	91	1012	0.5000	0.4434	
68 n-Butanol	56	4.166	4.144	0.022	36	734	12.5	9.08	Ma
69 1,2-Dichloropropane	63	4.216	4.216	0.000	82	1753	0.5000	0.4766	
71 Ethyl acrylate	55	4.309	4.295	0.014	53	1698	0.5000	0.4279	M
70 Dichlorobromomethane	83	4.302	4.302	0.000	97	2088	0.5000	0.4490	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	23736	1000.0	1000.0	
73 Methyl methacrylate	100	4.502	4.495	0.007	52	719	1.00	0.8045	
74 1,4-Dioxane	88	4.524	4.509	0.015	27	879	25.0	23.2	
75 n-Propyl acetate	43	4.674	4.653	0.021	98	2100	0.5000	0.4779	M
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	480015	50.0	49.7	
76 2-Chloroethyl vinyl ether	63	4.925	4.911	0.014	48	801	0.5000	0.3725	
77 cis-1,3-Dichloropropene	75	4.953	4.946	0.007	94	2399	0.5000	0.4540	
79 Toluene	91	5.190	5.197	-0.007	93	8342	0.5000	0.5199	
80 Epichlorohydrin	57	5.233	5.240	-0.007	96	2608	10.0	9.03	
81 2-Nitropropane	41	5.455	5.448	0.007	73	503	1.00	0.5471	M
82 Tetrachloroethene	166	5.627	5.620	0.007	85	1751	0.5000	0.4906	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.670	5.663	0.007	98	6391	2.50	2.09	
84 trans-1,3-Dichloropropene	75	5.727	5.699	0.029	54	1552	0.5000	0.5099	
85 1,1,2-Trichloroethane	83	5.877	5.870	0.007	84	1168	0.5000	0.4454	
86 Ethyl methacrylate	69	5.963	5.949	0.014	83	1435	0.5000	0.3555	
87 Chlorodibromomethane	129	6.071	6.071	0.000	88	1272	0.5000	0.3977	M
88 1,3-Dichloropropane	76	6.193	6.186	0.007	92	2499	0.5000	0.4539	
89 Ethylene Dibromide	107	6.329	6.315	0.014	86	1231	0.5000	0.3999	
90 n-Butyl acetate	43	6.687	6.658	0.029	92	2083	0.5000	0.4487	
91 2-Hexanone	43	6.751	6.723	0.028	96	3707	2.50	1.87	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	390331	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	40	5125	0.5000	0.5051	
94 Ethylbenzene	106	7.117	7.110	0.007	97	2520	0.5000	0.4726	a
95 1,1,1,2-Tetrachloroethane	131	7.153	7.138	0.014	77	1497	0.5000	0.4576	M
96 m-Xylene & p-Xylene	106	7.339	7.332	0.007	0	2925	0.5000	0.4681	a
97 o-Xylene	106	7.926	7.919	0.007	92	3055	0.5000	0.4836	
98 Bromoform	173	7.998	7.984	0.014	89	596	0.5000	0.5079	
99 Styrene	104	8.034	8.005	0.029	94	4252	0.5000	0.4216	M
100 n-Butyl acrylate	73	8.370	8.327	0.043	30	921	0.5000	0.3559	Ma
101 Isopropylbenzene	105	8.406	8.399	0.007	95	7577	0.5000	0.5094	
102 Amyl acetate (mixed isomer)	43	8.764	8.743	0.021	37	1686	0.5000	0.5162	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	89	147703	50.0	47.9	
104 Bromobenzene	156	8.886	8.886	0.000	92	2328	0.5000	0.5290	
105 N-Propylbenzene	91	9.044	9.036	0.008	99	7037	0.5000	0.4407	a
106 1,1,2,2-Tetrachloroethane	83	9.187	9.180	0.007	96	1997	0.5000	0.5140	
107 2-Chlorotoluene	91	9.223	9.208	0.015	97	5865	0.5000	0.4775	a
108 4-Ethyltoluene	105	9.237	9.230	0.007	75	6173	0.5000	0.4459	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	89	511	0.5000	0.4338	M
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	4869	0.5000	0.4351	
111 trans-1,4-Dichloro-2-buten	53	9.495	9.445	0.050	41	314	0.5000	0.2760	
112 4-Chlorotoluene	91	9.495	9.481	0.014	96	5484	0.5000	0.4864	
113 tert-Butylbenzene	119	9.846	9.846	0.000	93	4397	0.5000	0.4933	
115 Butyl Methacrylate	87	9.996	9.982	0.014	40	902	0.5000	0.1969	M
114 1,2,4-Trimethylbenzene	105	9.996	9.982	0.014	96	5788	0.5000	0.4728	
116 sec-Butylbenzene	105	10.139	10.140	-0.001	97	5860	0.5000	0.4833	
117 1,3-Dichlorobenzene	146	10.419	10.405	0.014	81	3305	0.5000	0.4578	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	96	5103	0.5000	0.4799	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	97	215704	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	89	4218	0.5000	0.5316	a
121 1,2,3-Trimethylbenzene	105	10.677	10.662	0.015	99	6421	0.5000	0.4847	
122 2,3-Dihydroindene	117	10.841	10.842	-0.001	93	5752	0.5000	0.4292	
123 Benzyl chloride	126	11.042	11.013	0.029	75	162	0.5000	0.1338	
124 p-Diethylbenzene	119	11.042	11.035	0.007	85	2173	0.5000	0.4159	
125 n-Butylbenzene	91	11.128	11.114	0.014	96	3765	0.5000	0.4454	M
126 1,2-Dichlorobenzene	146	11.235	11.221	0.014	92	3122	0.5000	0.4375	
127 1,2,4,5-Tetramethylbenzene	119	12.152	12.145	0.007	96	3749	0.5000	0.4095	
128 1,2-Dibromo-3-Chloropropan	157	12.296	12.289	0.008	28	230	0.5000	0.5275	
129 1,3,5-Trichlorobenzene	180	12.353	12.339	0.014	94	1971	0.5000	0.4714	
130 1,2,4-Trichlorobenzene	180	13.026	13.012	0.014	89	1705	0.5000	0.4415	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	81	671	0.5000	0.4348	
132 Naphthalene	128	13.327	13.306	0.021	99	3834	0.5000	0.4550	M
133 1,2,3-Trichlorobenzene	180	13.485	13.478	0.007	92	1570	0.5000	0.4408	
S 134 1,2-Dichloroethene, Total	100				0		1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		1.00	0.9639	
S 136 Xylenes, Total	100				0		1.00	0.9516	
S 137 Total BTEX	1				0		2.50	2.47	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00084	Amount Added: 2.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 5.00	Units: uL	
GASES Li_00292	Amount Added: 5.00	Units: uL	
14DIOXINTER_00094	Amount Added: 15.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Operator ID:

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

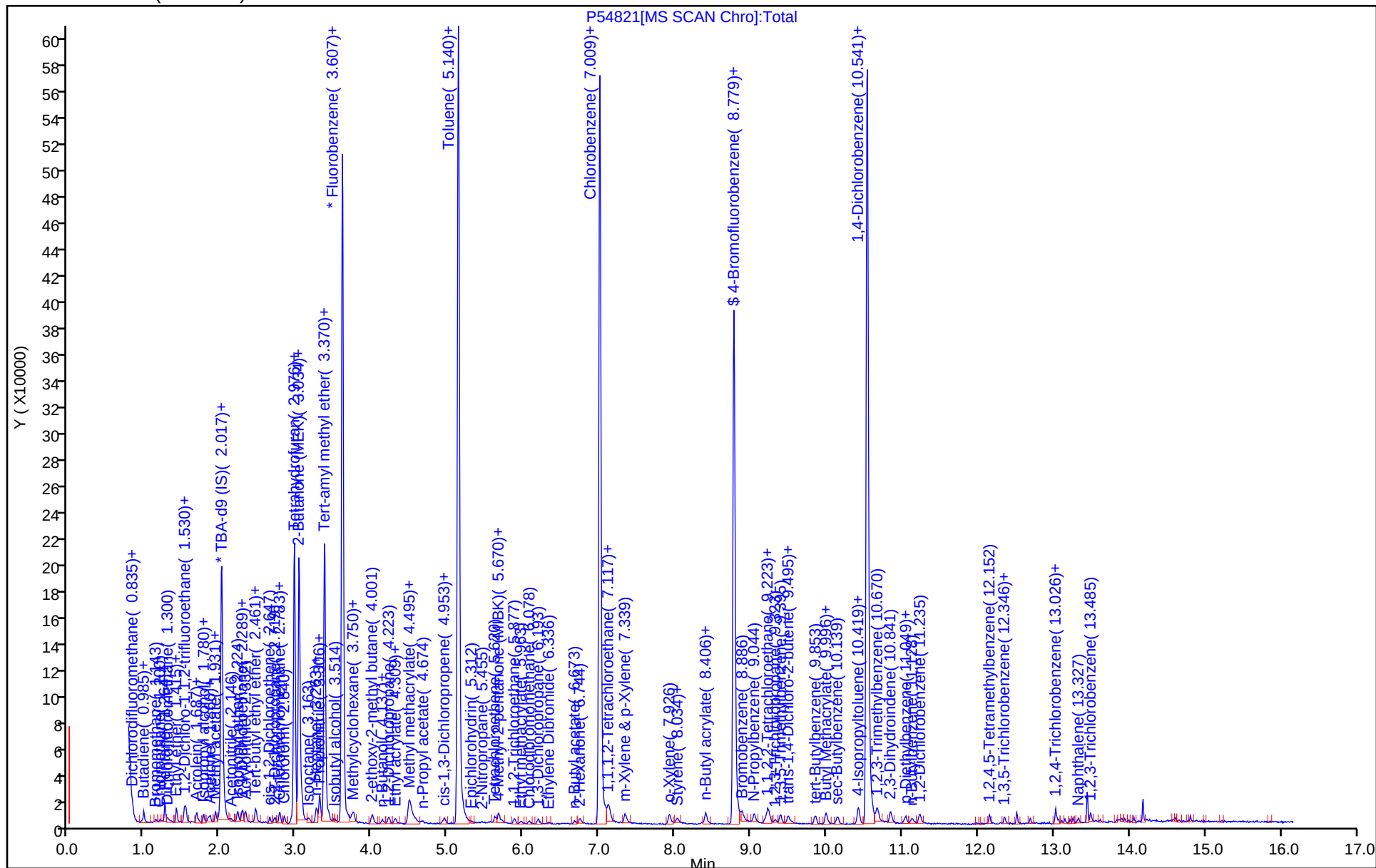
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

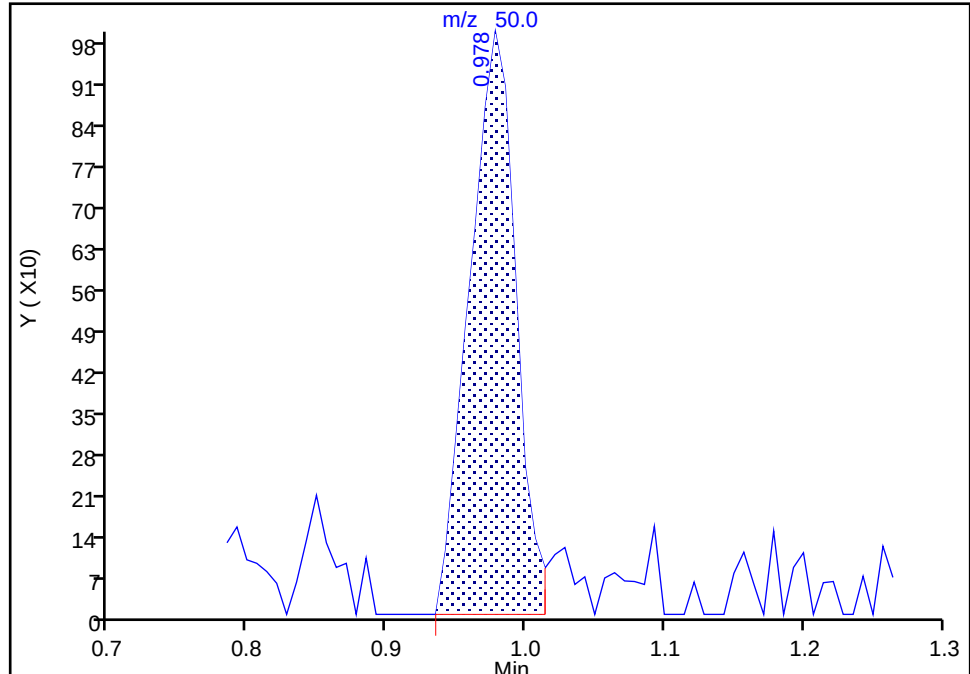
Detector: MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

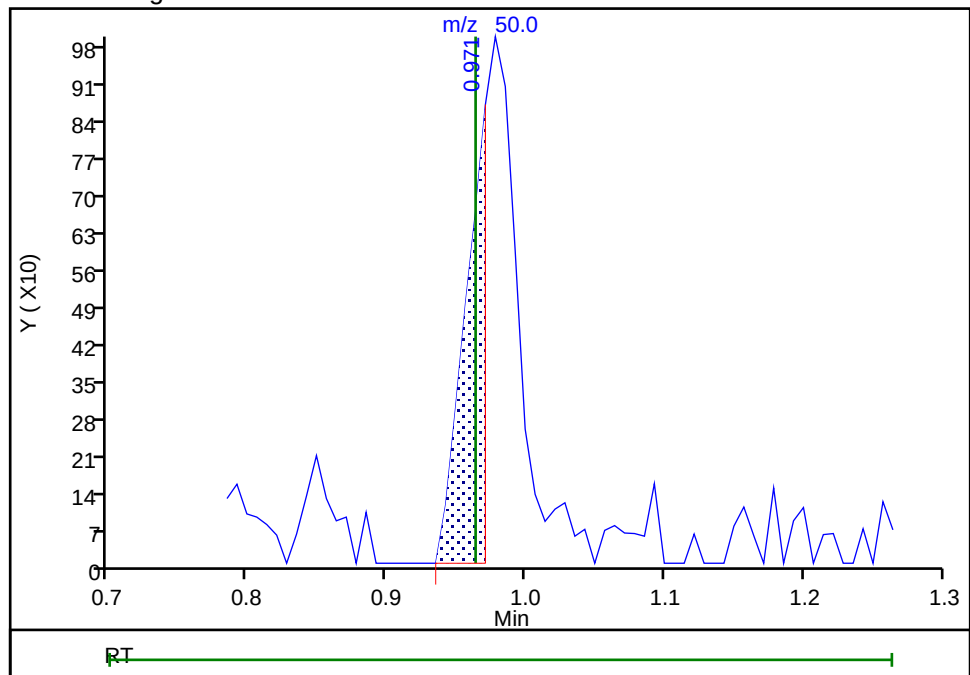
RT: 0.98
Area: 2305
Amount: 0.855112
Amount Units: ug/l

Processing Integration Results



RT: 0.97
Area: 1040
Amount: 0.439167
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 20-Dec-2018 16:21:51

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

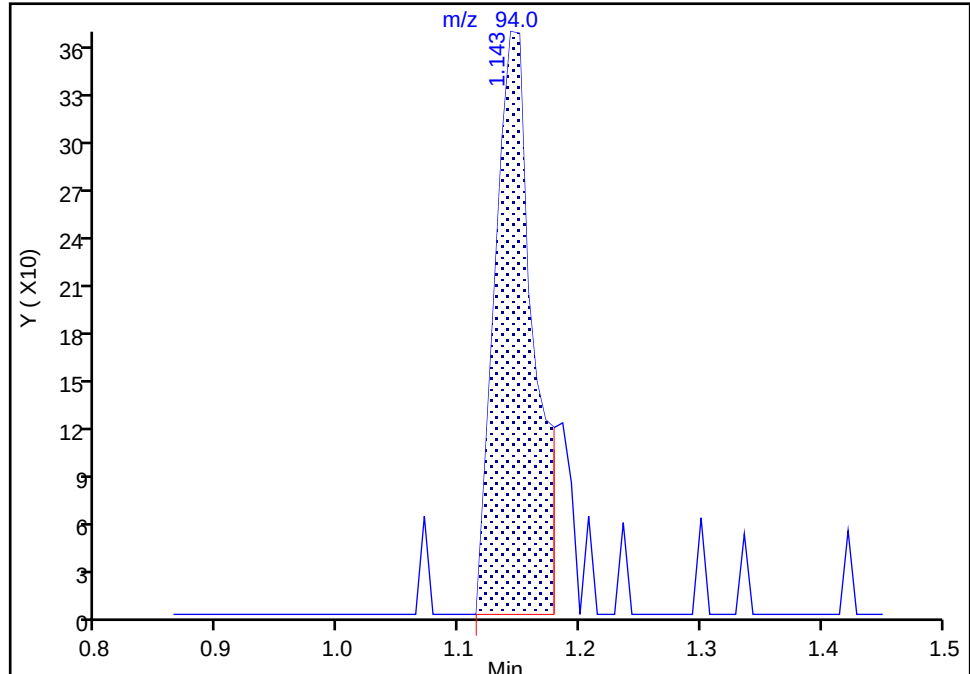
Detector: MS SCAN

6 Bromomethane, CAS: 74-83-9

Signal: 1

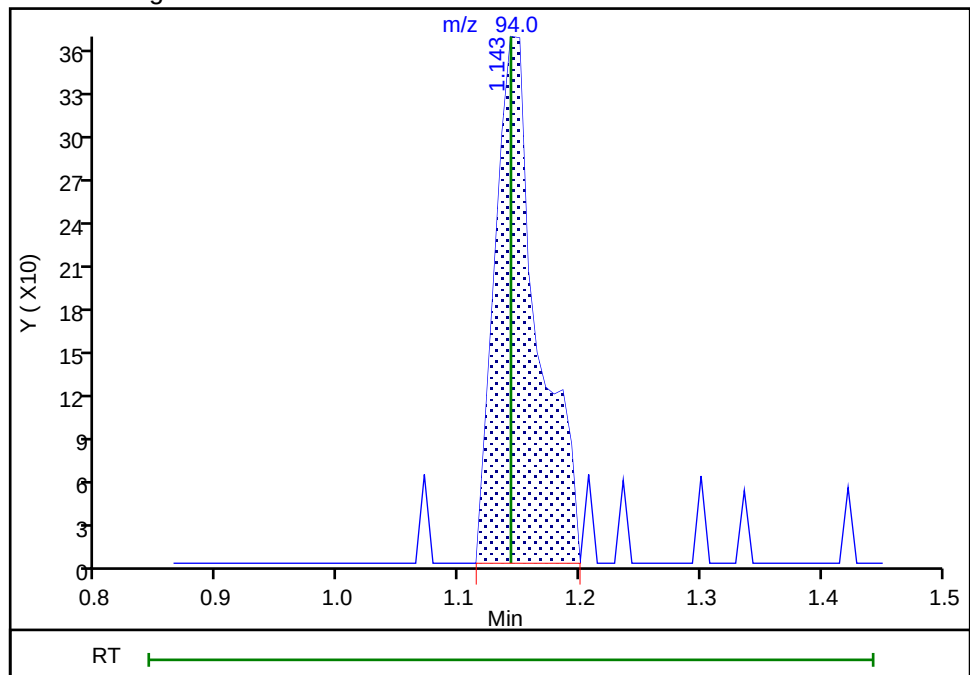
RT: 1.14
Area: 811
Amount: 0.316768
Amount Units: ug/l

Processing Integration Results



RT: 1.14
Area: 897
Amount: 0.515924
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:50:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

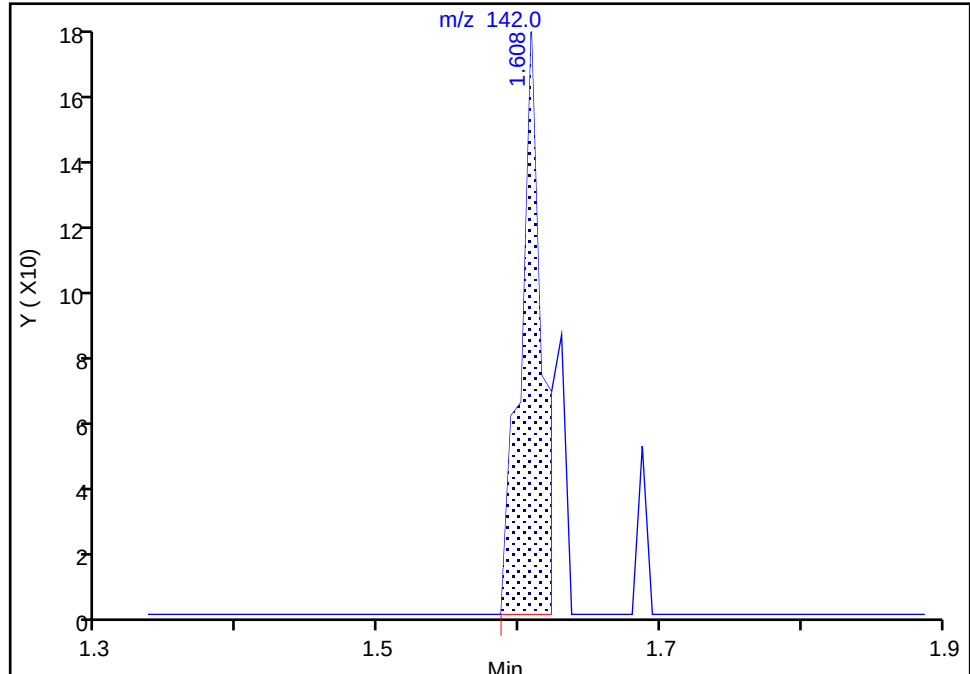
Detector: MS SCAN

18 Iodomethane, CAS: 74-88-4

Signal: 1

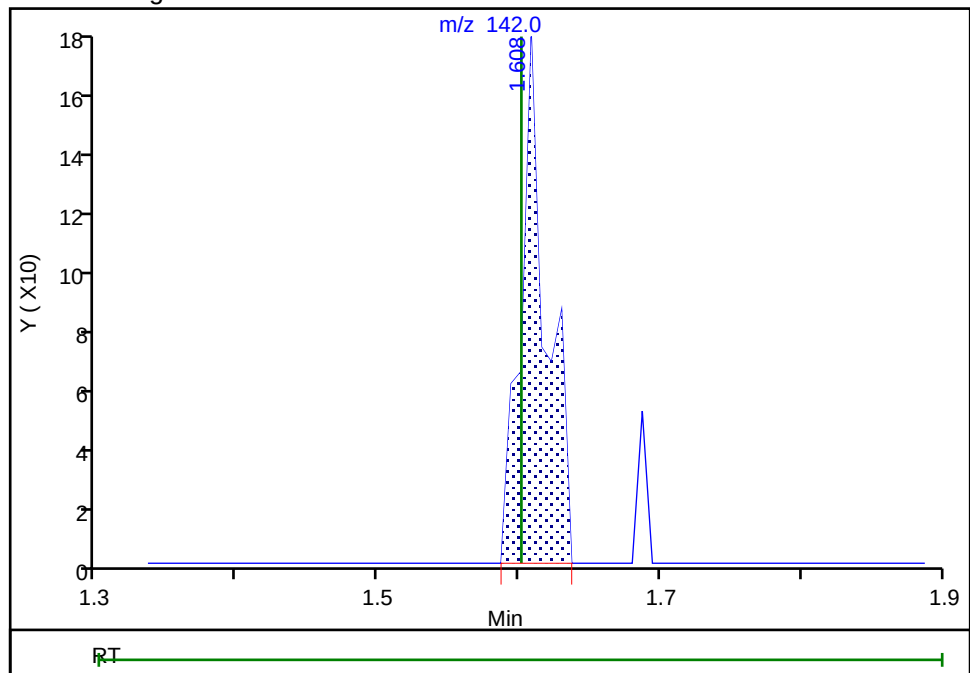
RT: 1.61
Area: 186
Amount: 0.063494
Amount Units: ug/l

Processing Integration Results



RT: 1.61
Area: 221
Amount: 0.075442
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 20-Dec-2018 17:08:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

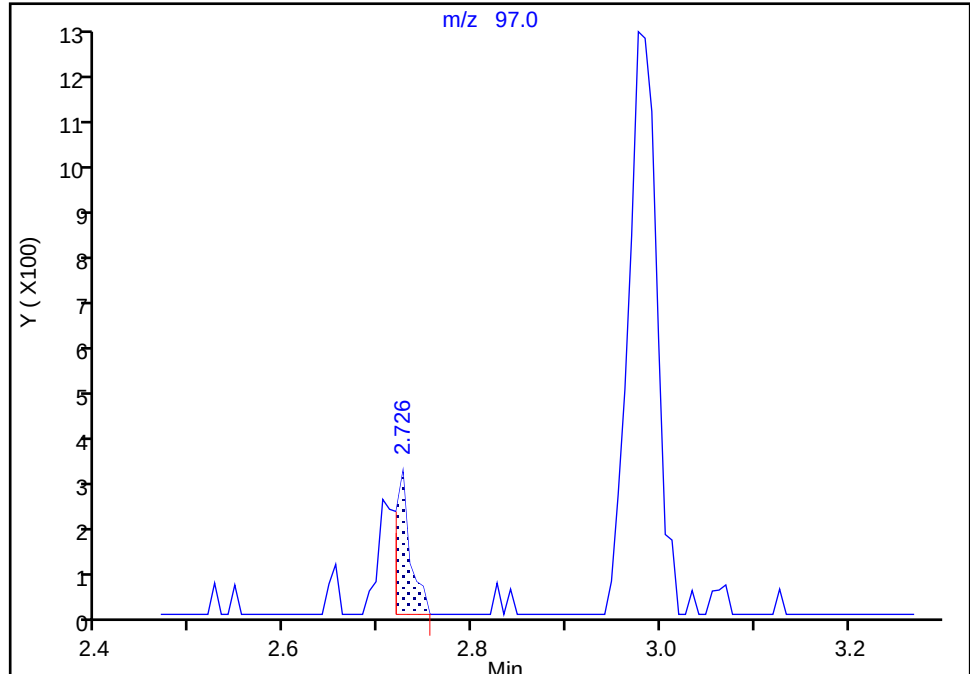
MS SCAN

48 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

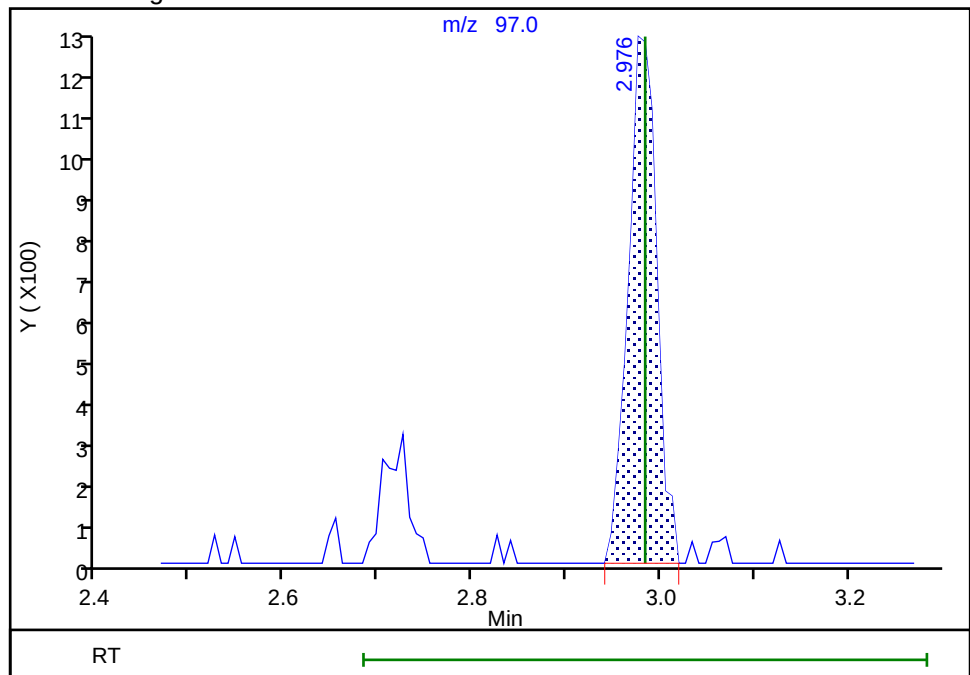
RT: 2.73
Area: 328
Amount: 0.067824
Amount Units: ug/l

Processing Integration Results



RT: 2.98
Area: 2621
Amount: 0.508591
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:50:40

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

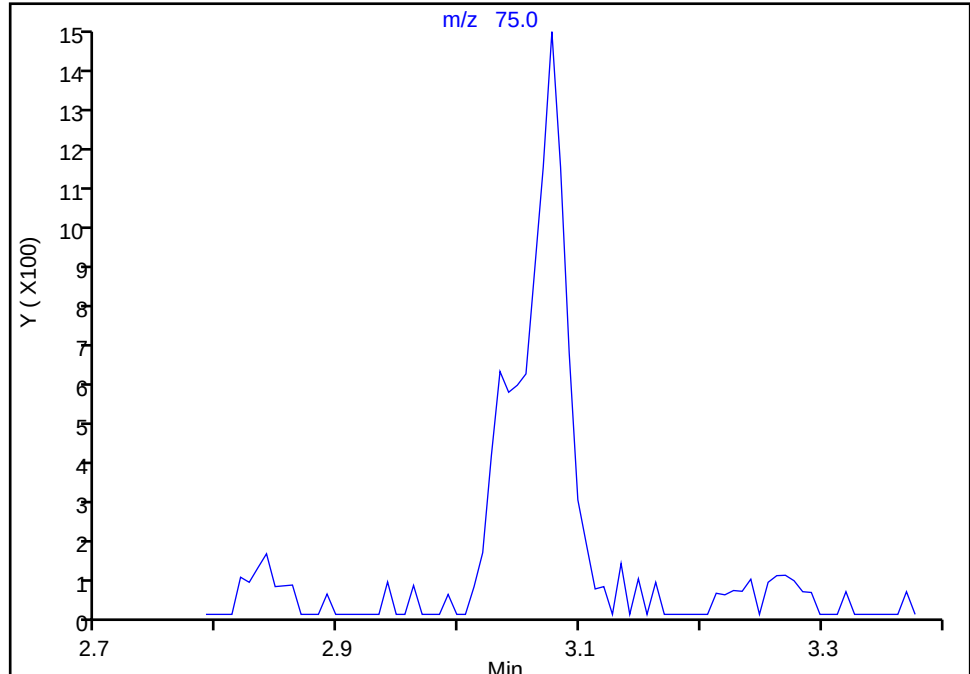
51 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

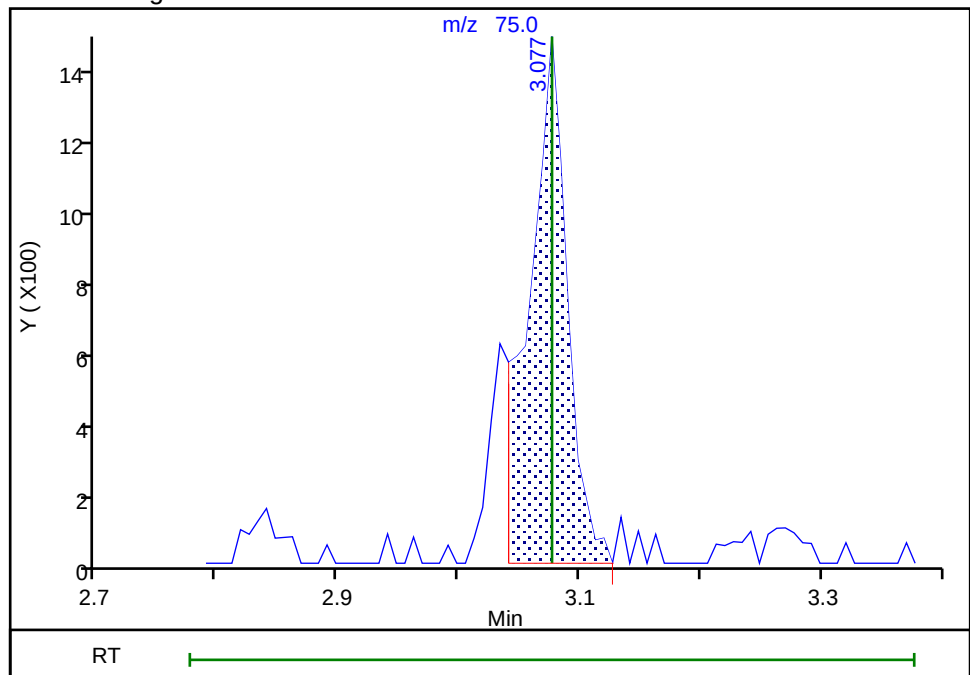
Not Detected

Expected RT: 3.08

Processing Integration Results



Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:50:55

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

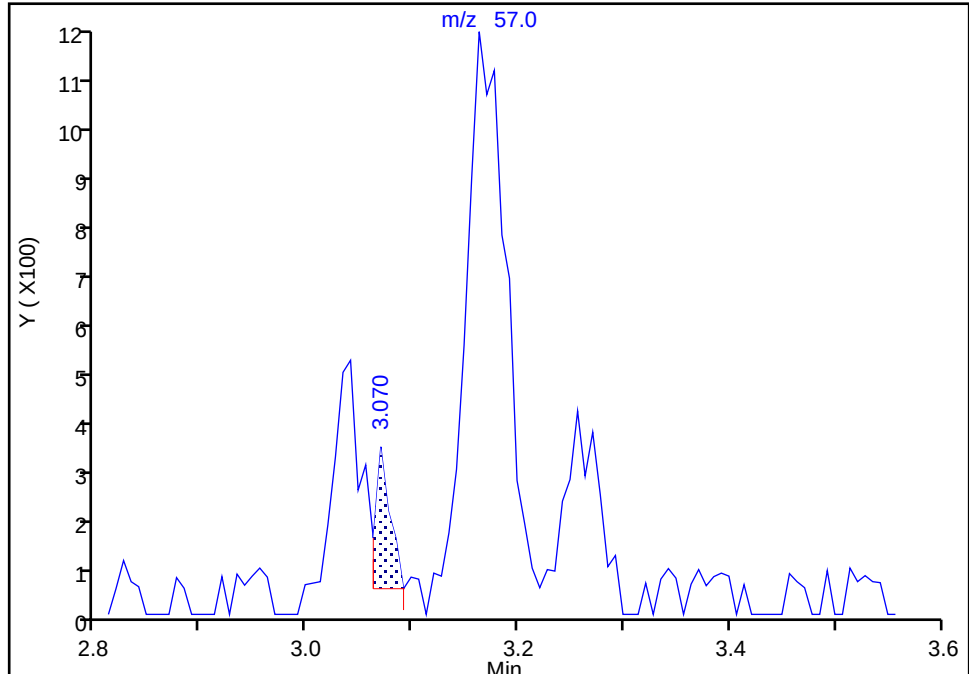
Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

Signal: 1

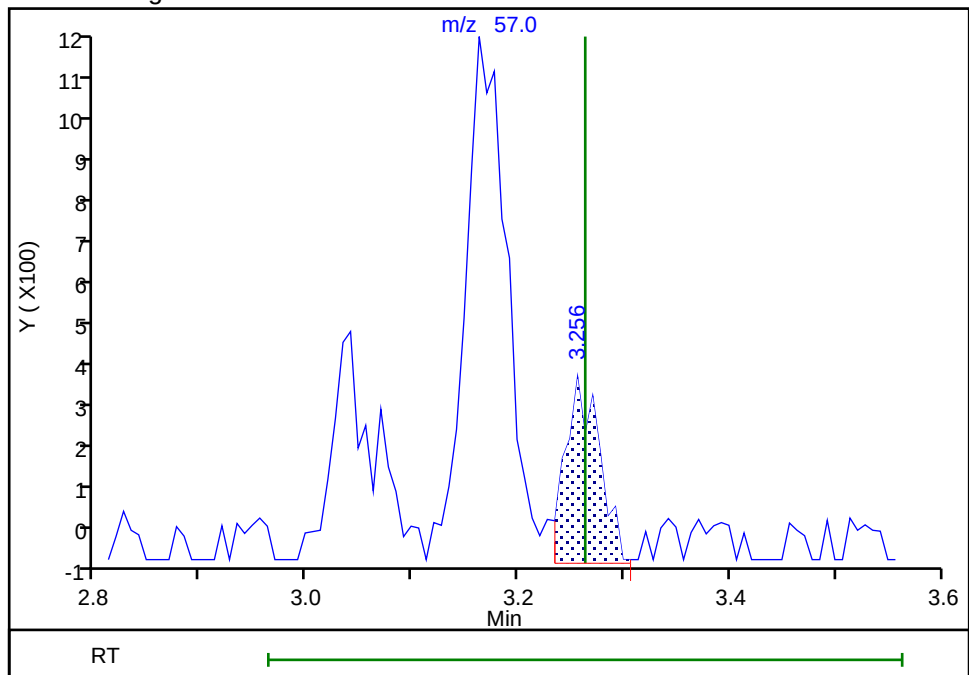
RT: 3.07
Area: 274
Amount: 0.197774
Amount Units: ug/l

Processing Integration Results



RT: 3.26
Area: 928
Amount: 0.616064
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:51:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

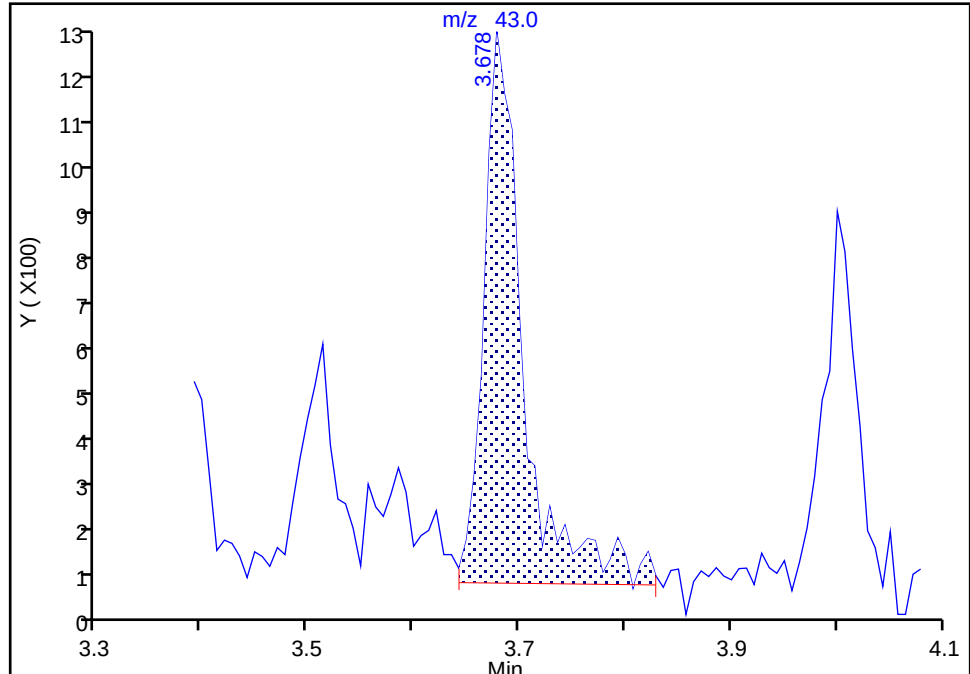
MS SCAN

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

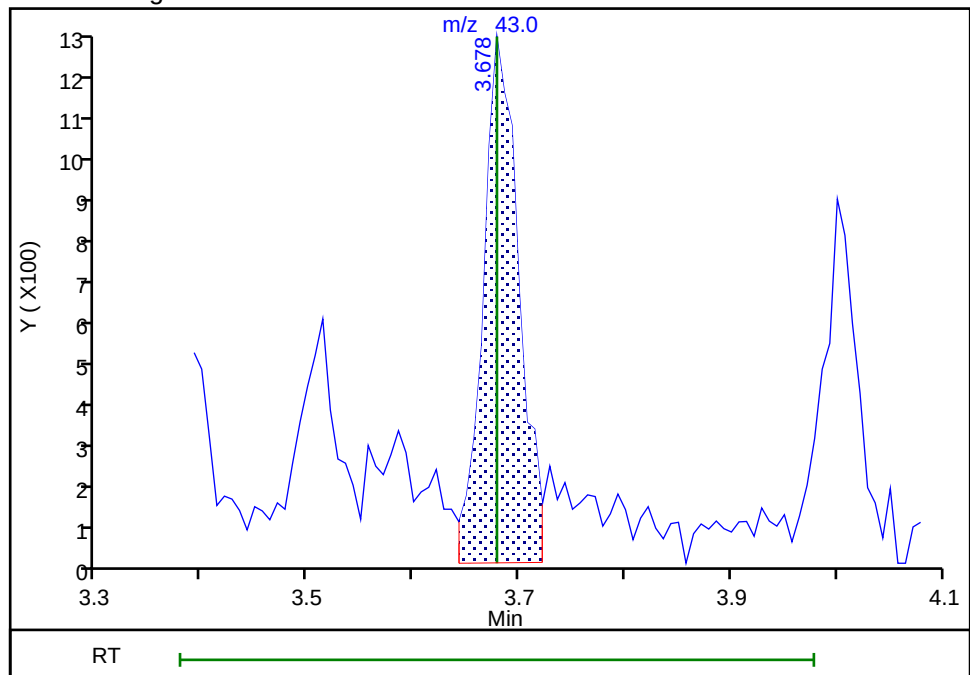
RT: 3.68
Area: 3077
Amount: 0.489419
Amount Units: ug/l

Processing Integration Results



RT: 3.68
Area: 2955
Amount: 0.472634
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:51:27

Audit Action: Manually Integrated

Audit Reason: Other

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

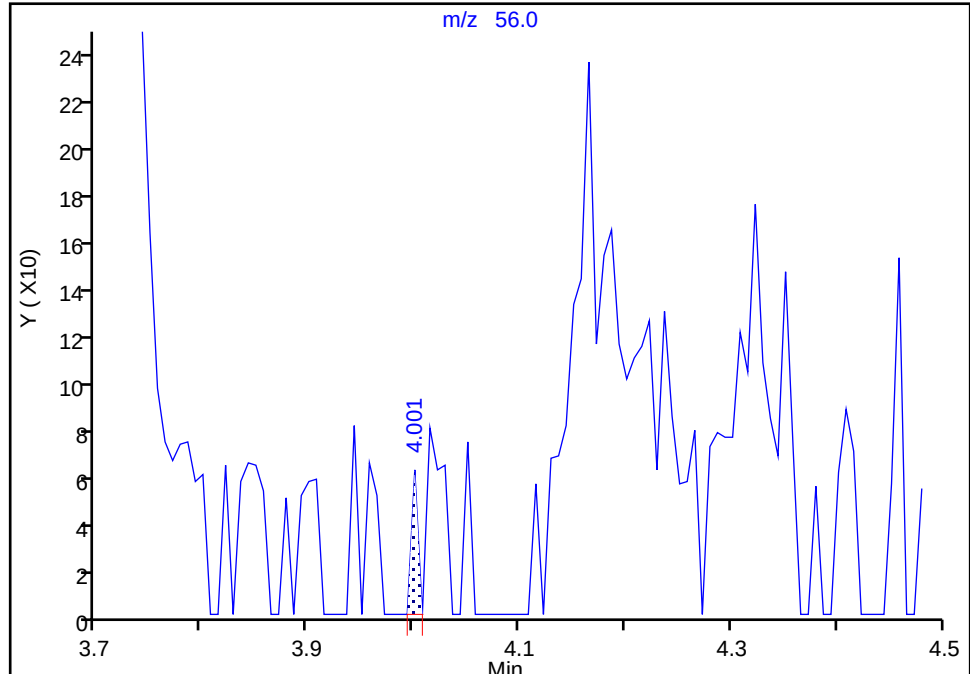
Detector: MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

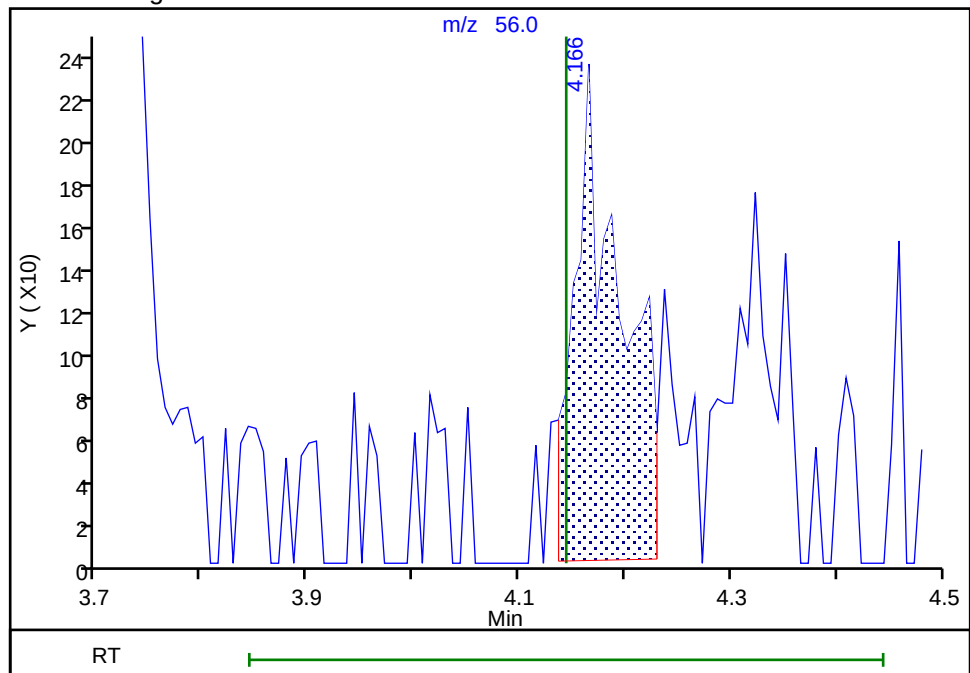
RT: 4.00
Area: 27
Amount: 12.322390
Amount Units: ug/l

Processing Integration Results



RT: 4.17
Area: 734
Amount: 9.076290
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:51:57

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

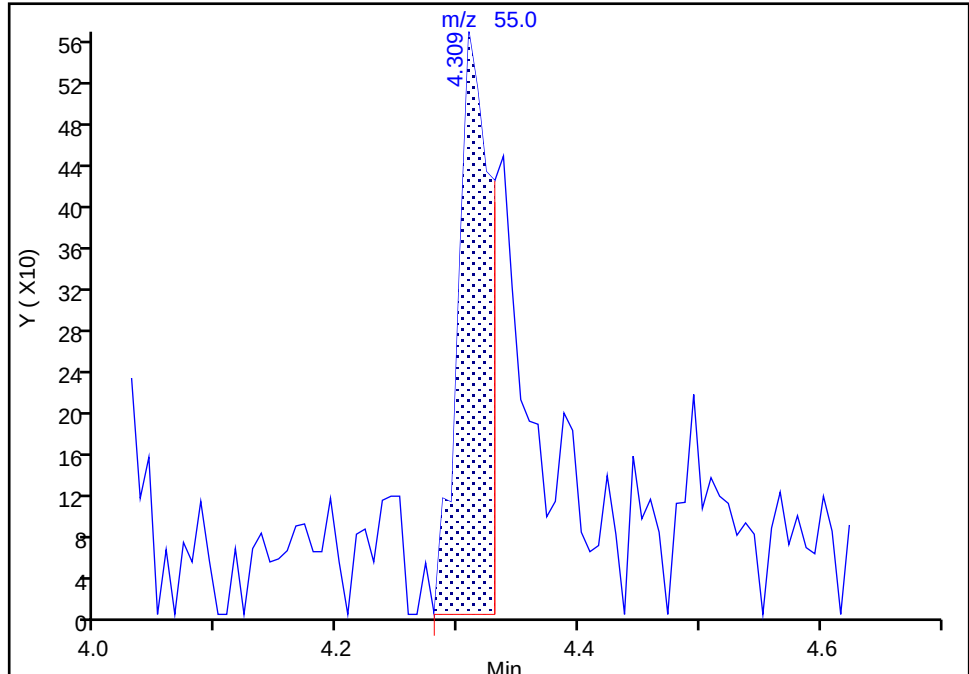
Detector: MS SCAN

71 Ethyl acrylate, CAS: 140-88-5

Signal: 1

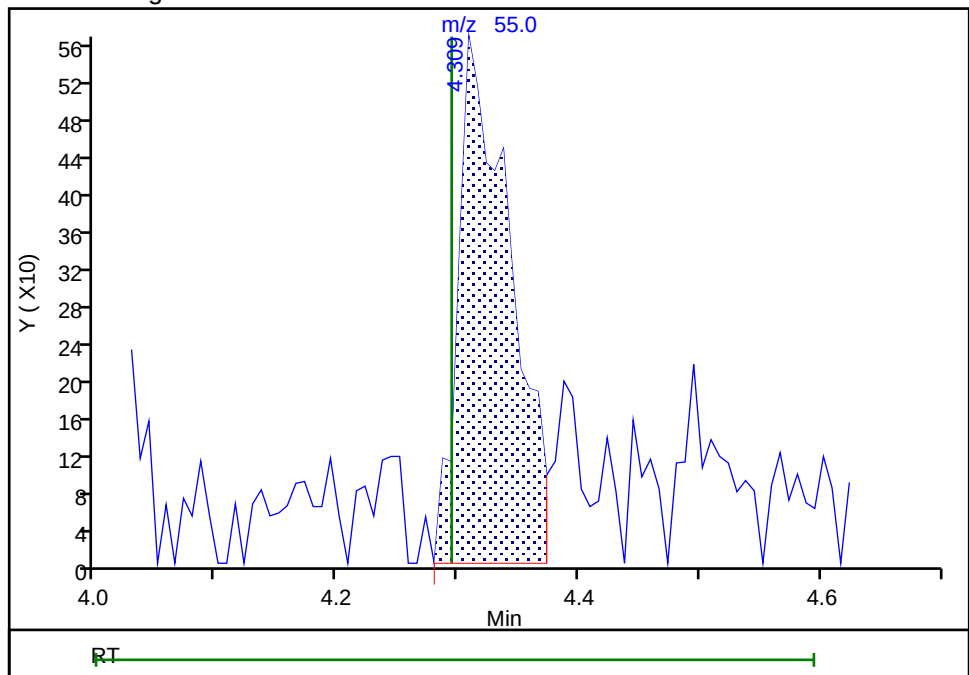
RT: 4.31
Area: 1078
Amount: 0.247479
Amount Units: ug/l

Processing Integration Results



RT: 4.31
Area: 1698
Amount: 0.427875
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 20-Dec-2018 17:04:14

Audit Action: Manually Integrated

Audit Reason: Split Peak

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

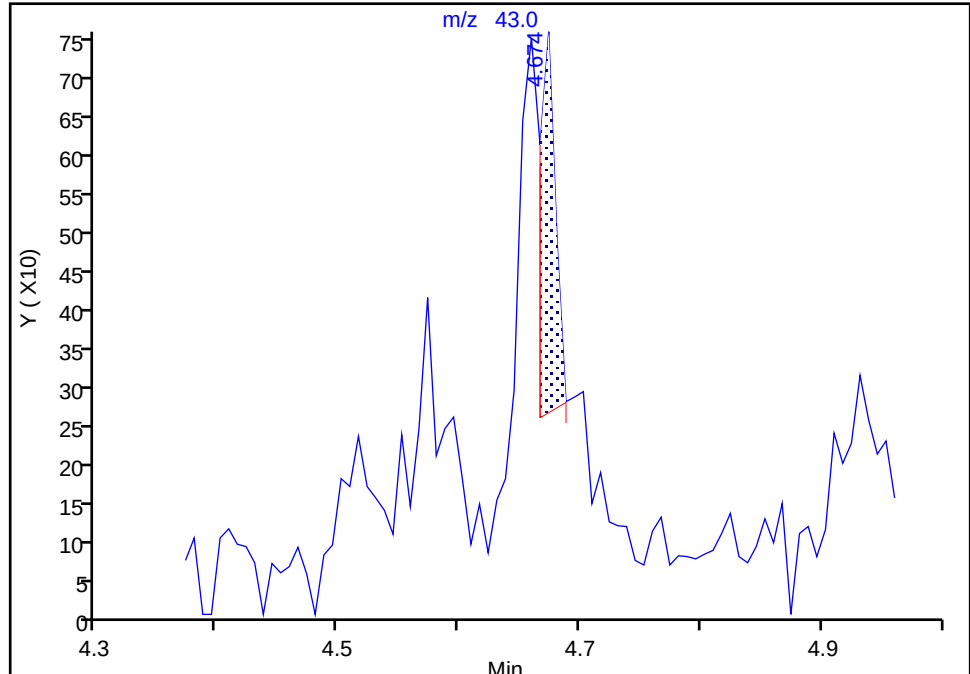
MS SCAN

75 n-Propyl acetate, CAS: 109-60-4

Signal: 1

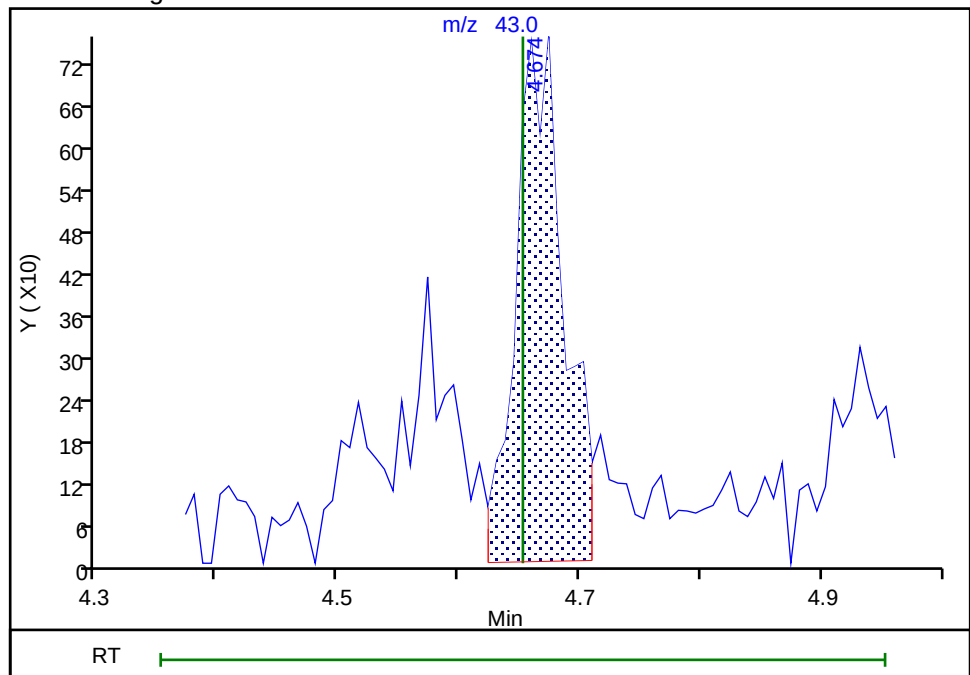
RT: 4.67
Area: 455
Amount: 0.099392
Amount Units: ug/l

Processing Integration Results



RT: 4.67
Area: 2100
Amount: 0.477899
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:52:26

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

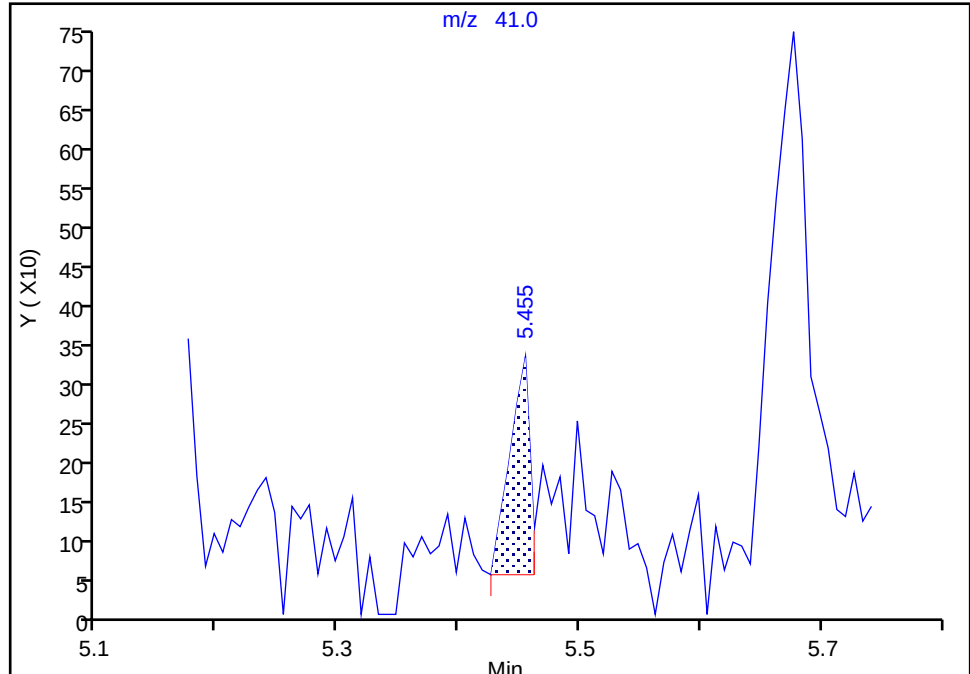
Detector: MS SCAN

81 2-Nitropropane, CAS: 79-46-9

Signal: 1

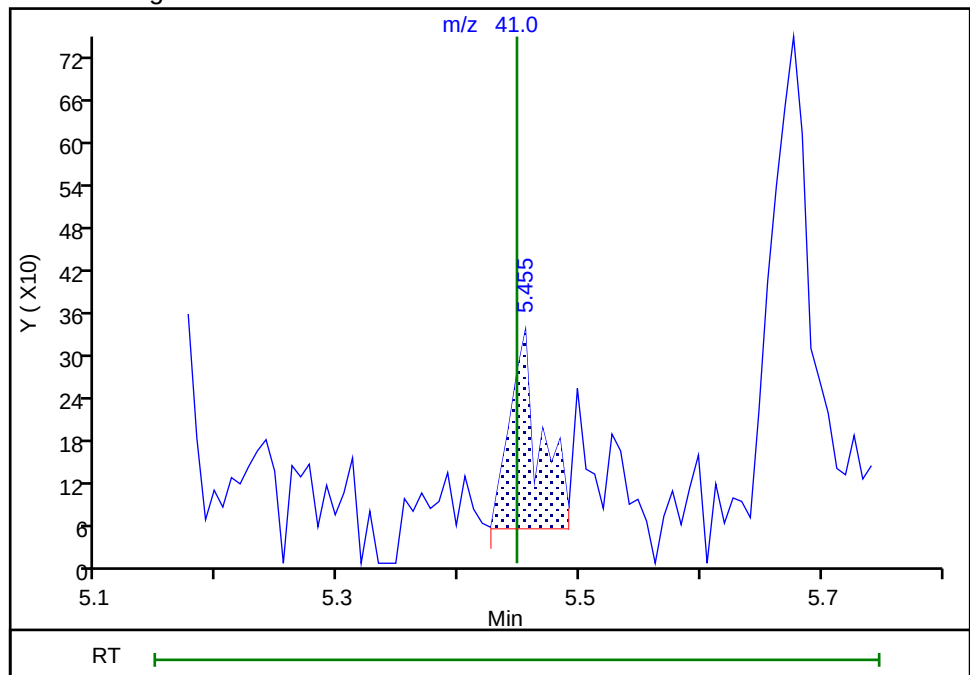
RT: 5.45
Area: 329
Amount: 0.357840
Amount Units: ug/l

Processing Integration Results



RT: 5.45
Area: 503
Amount: 0.547075
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 20-Dec-2018 18:07:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

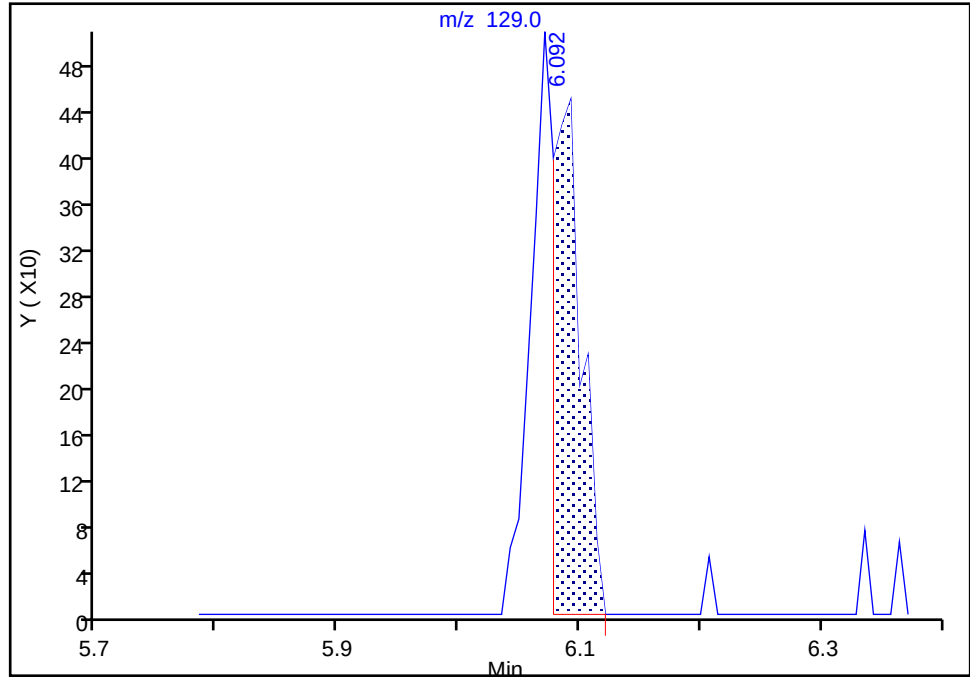
MS SCAN

87 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

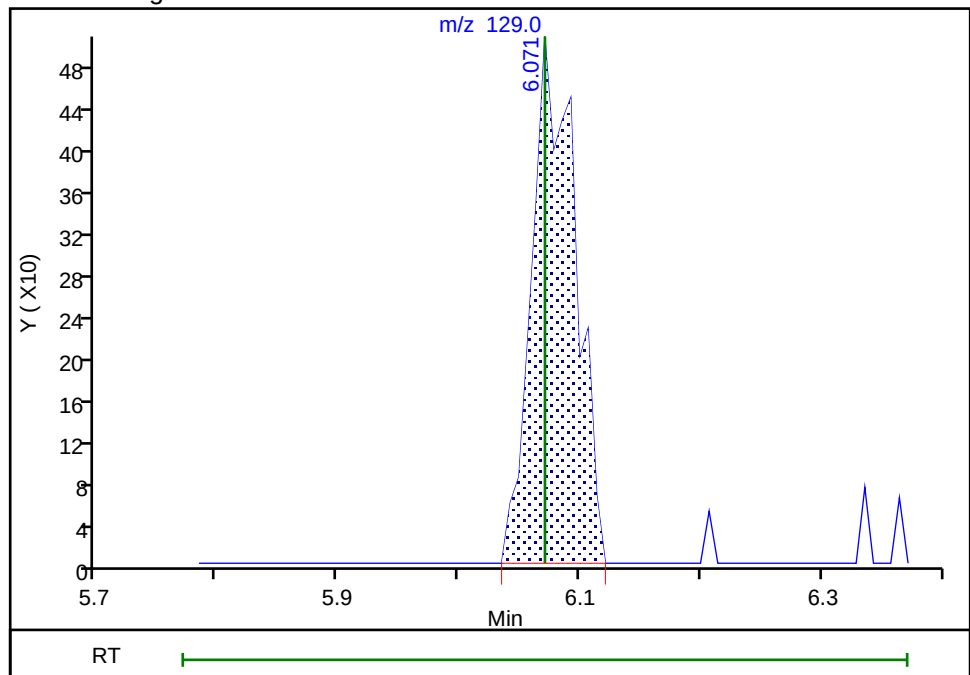
RT: 6.09
Area: 754
Amount: 0.219229
Amount Units: ug/l

Processing Integration Results



RT: 6.07
Area: 1272
Amount: 0.397658
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:52:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

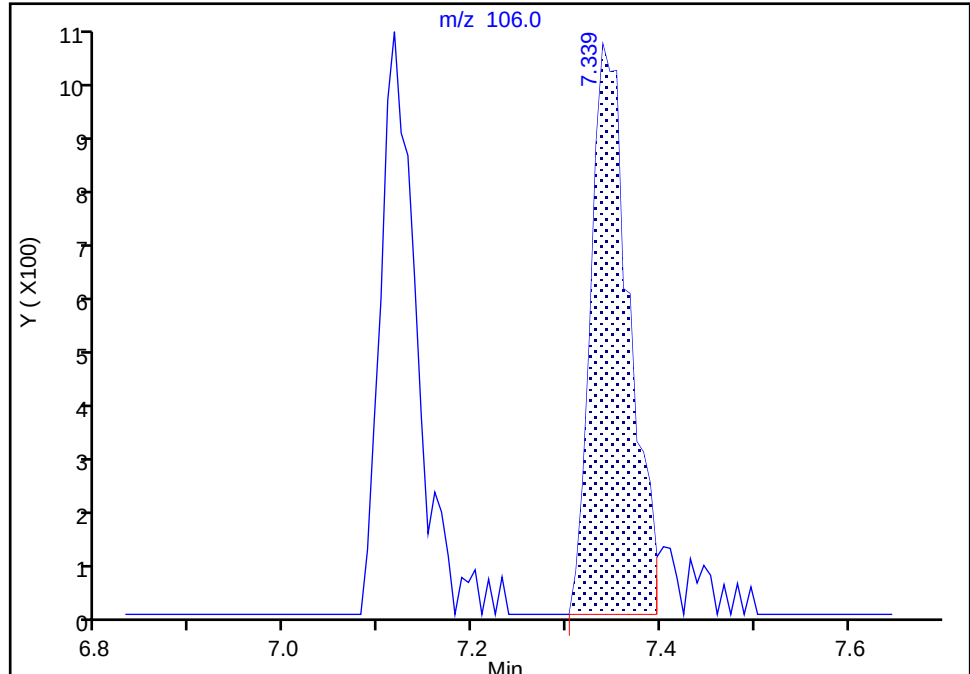
Detector: MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Signal: 1

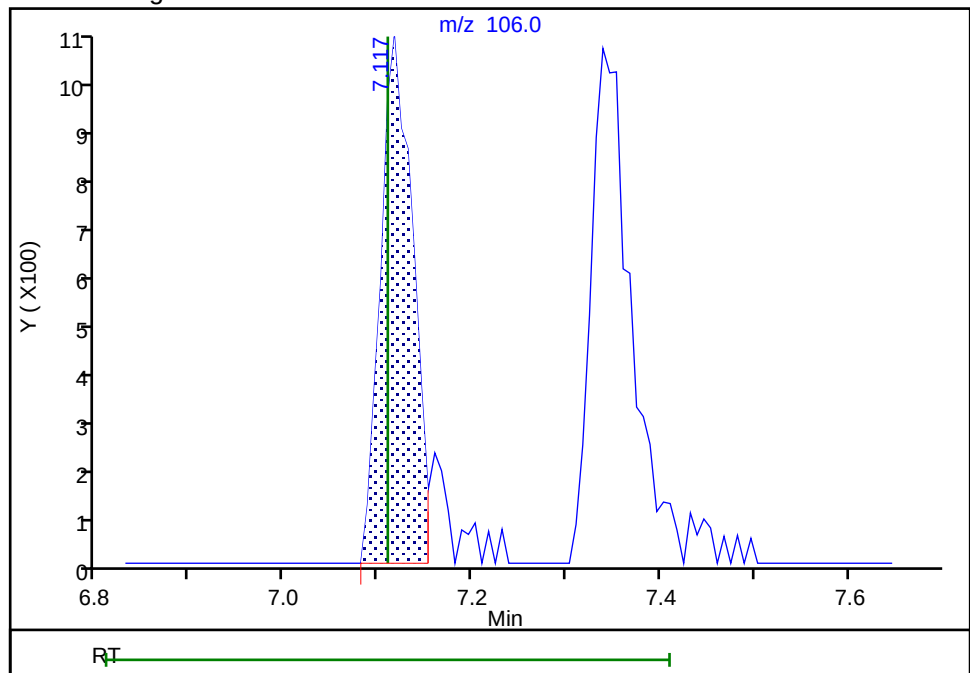
RT: 7.34
Area: 2925
Amount: 0.536901
Amount Units: ug/l

Processing Integration Results



RT: 7.12
Area: 2520
Amount: 0.472599
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:52:51

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

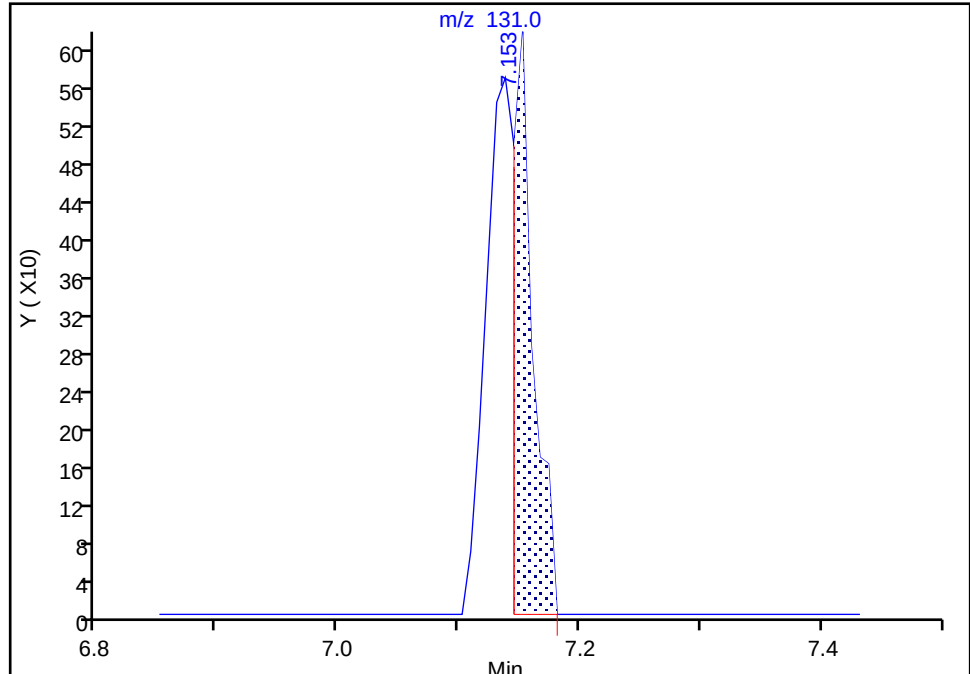
MS SCAN

95 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

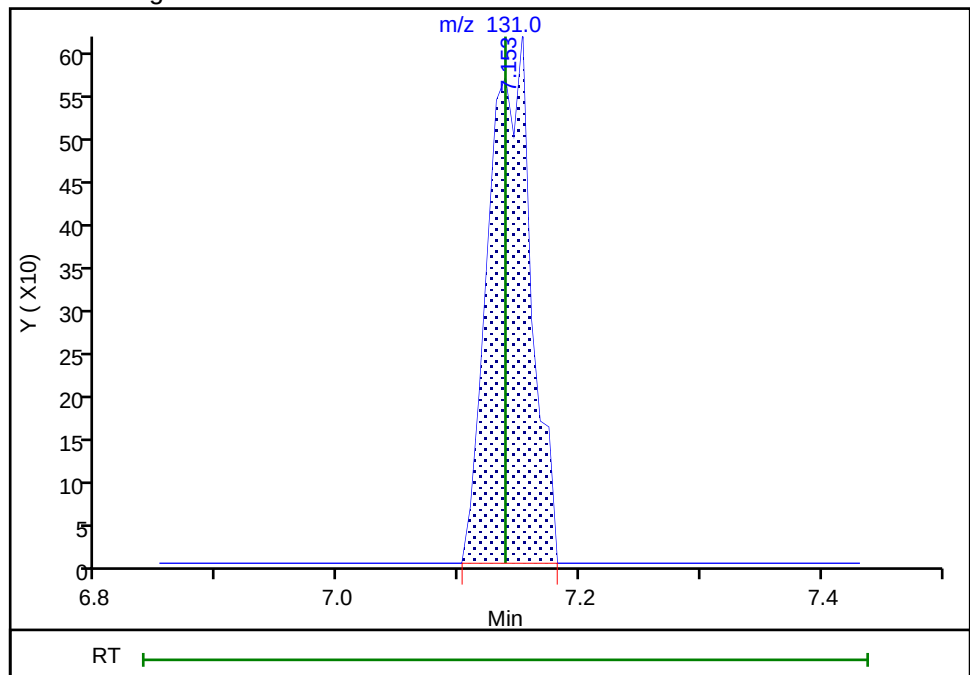
RT: 7.15
Area: 744
Amount: 0.222361
Amount Units: ug/l

Processing Integration Results



RT: 7.15
Area: 1497
Amount: 0.457554
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:53:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

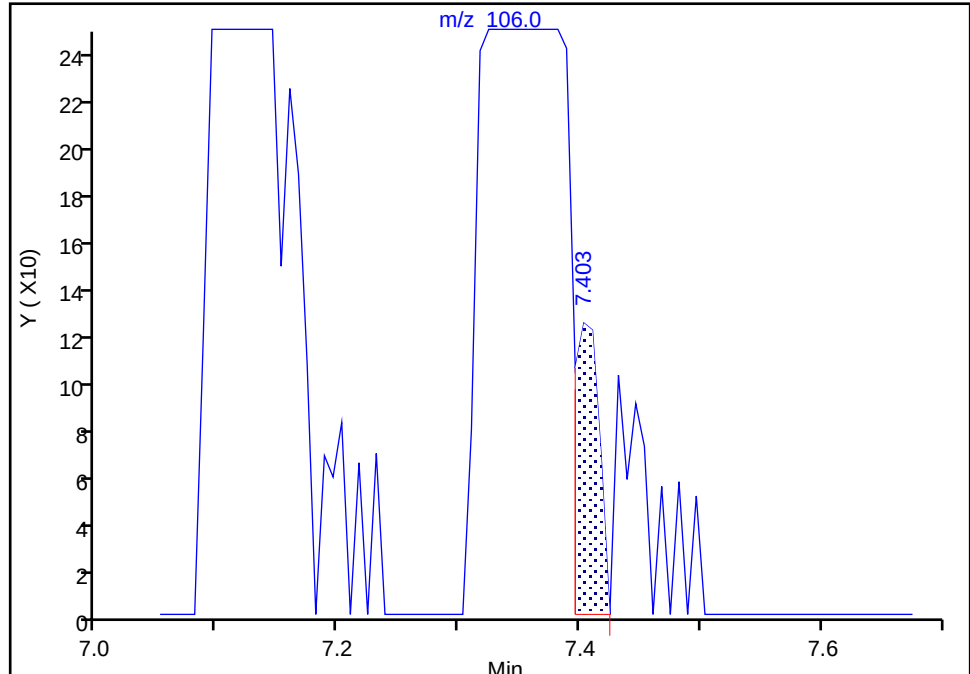
MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

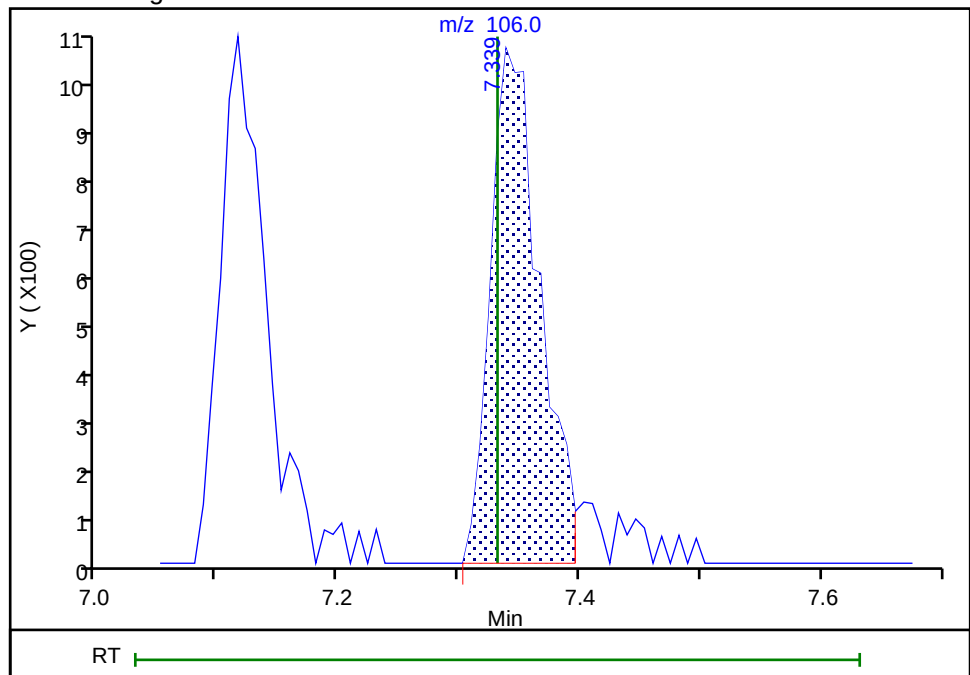
RT: 7.40
Area: 178
Amount: 0.028839
Amount Units: ug/l

Processing Integration Results



RT: 7.34
Area: 2925
Amount: 0.468056
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:53:05

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

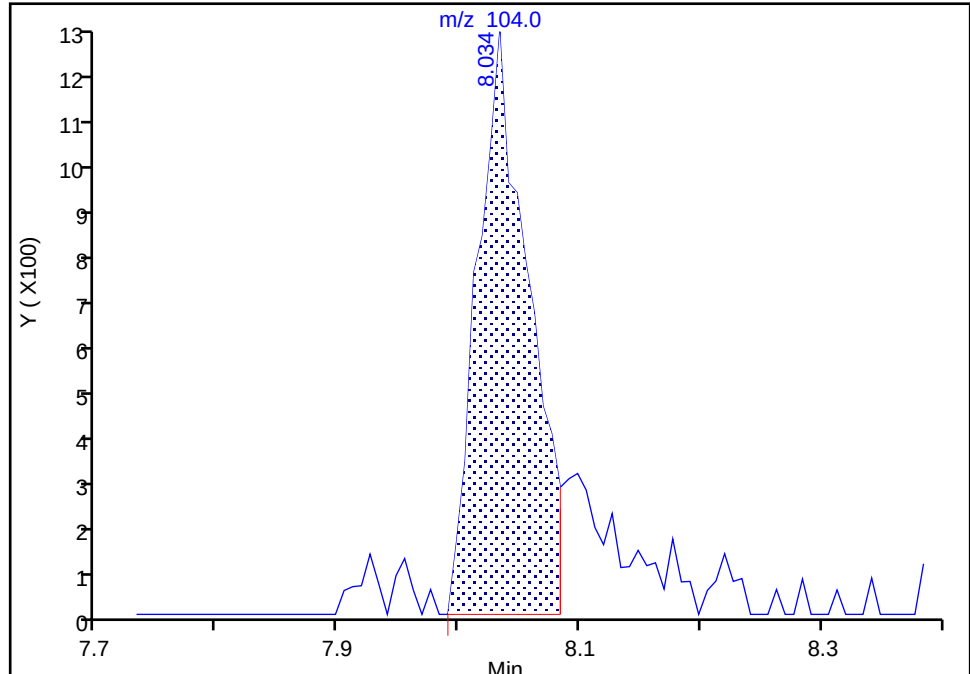
MS SCAN

99 Styrene, CAS: 100-42-5

Signal: 1

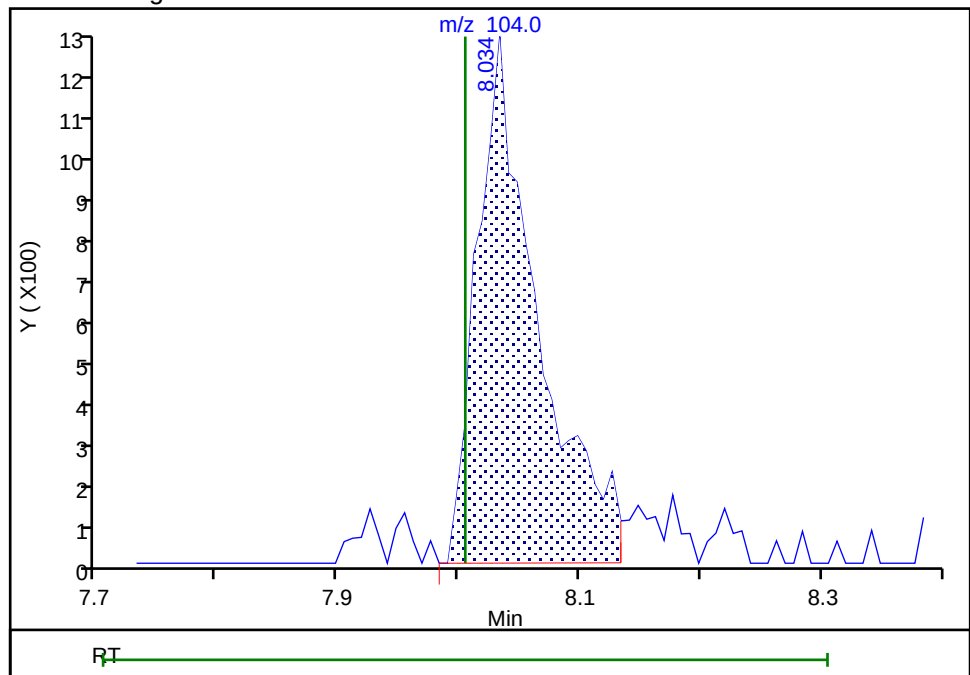
RT: 8.03
Area: 3623
Amount: 2.226436
Amount Units: ug/l

Processing Integration Results



RT: 8.03
Area: 4252
Amount: 0.421584
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 21-Dec-2018 10:25:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

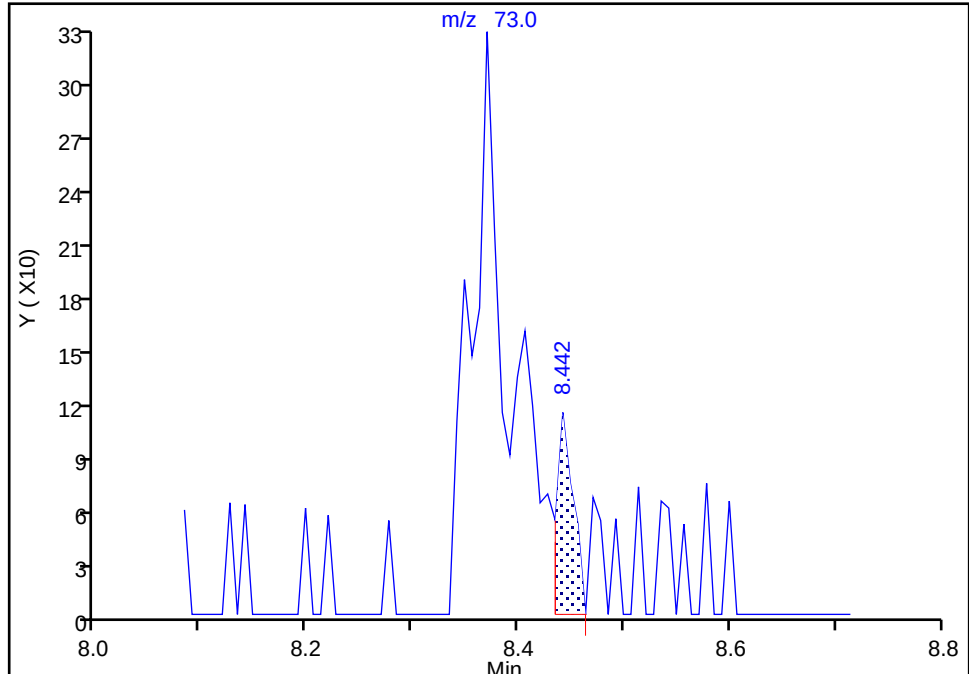
MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

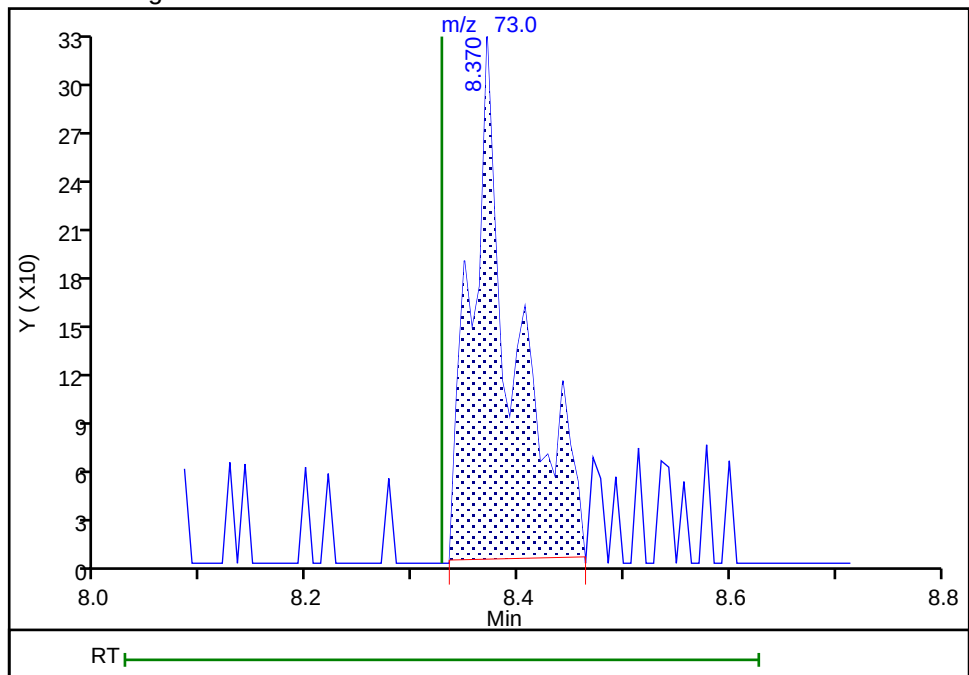
RT: 8.44
Area: 125
Amount: 0.048310
Amount Units: ug/l

Processing Integration Results



RT: 8.37
Area: 921
Amount: 0.355923
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:53:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

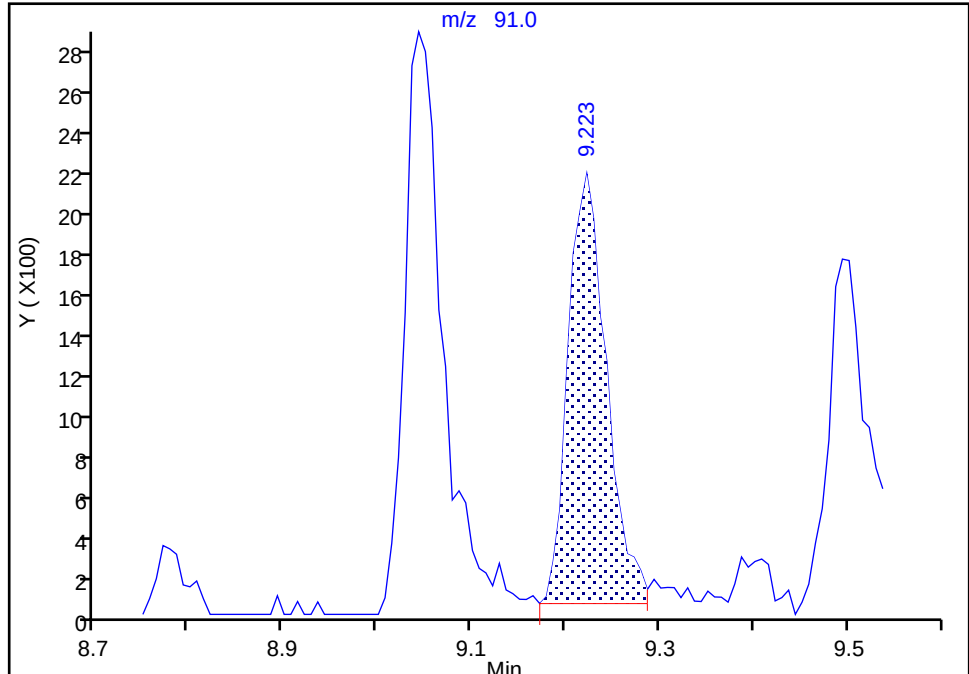
Detector: MS SCAN

105 N-Propylbenzene, CAS: 103-65-1

Signal: 1

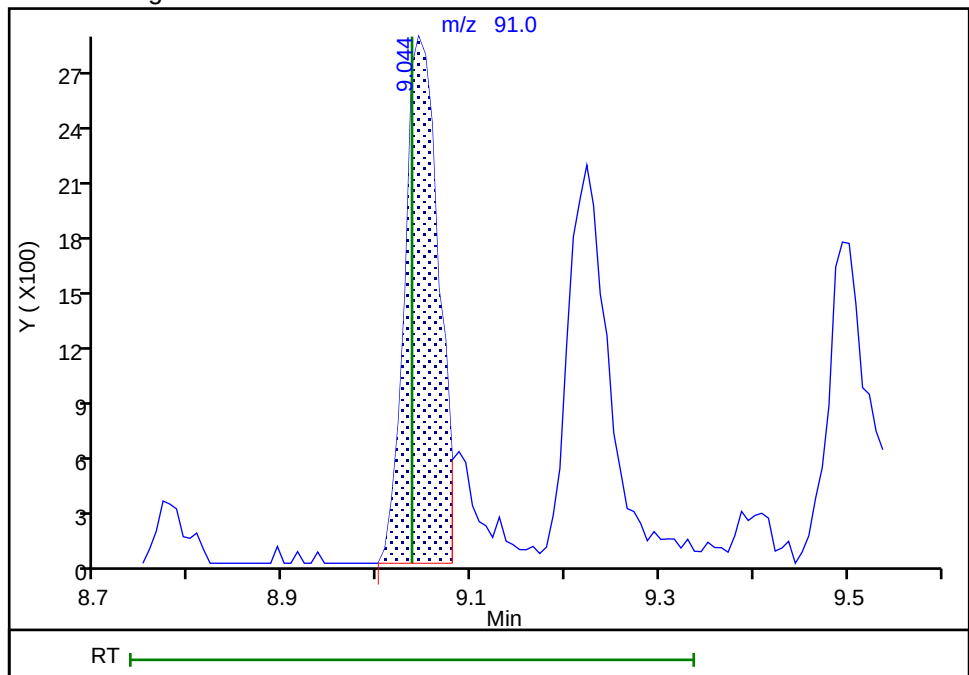
RT: 9.22
Area: 5865
Amount: 0.388827
Amount Units: ug/l

Processing Integration Results



RT: 9.04
Area: 7037
Amount: 0.440700
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:53:29

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

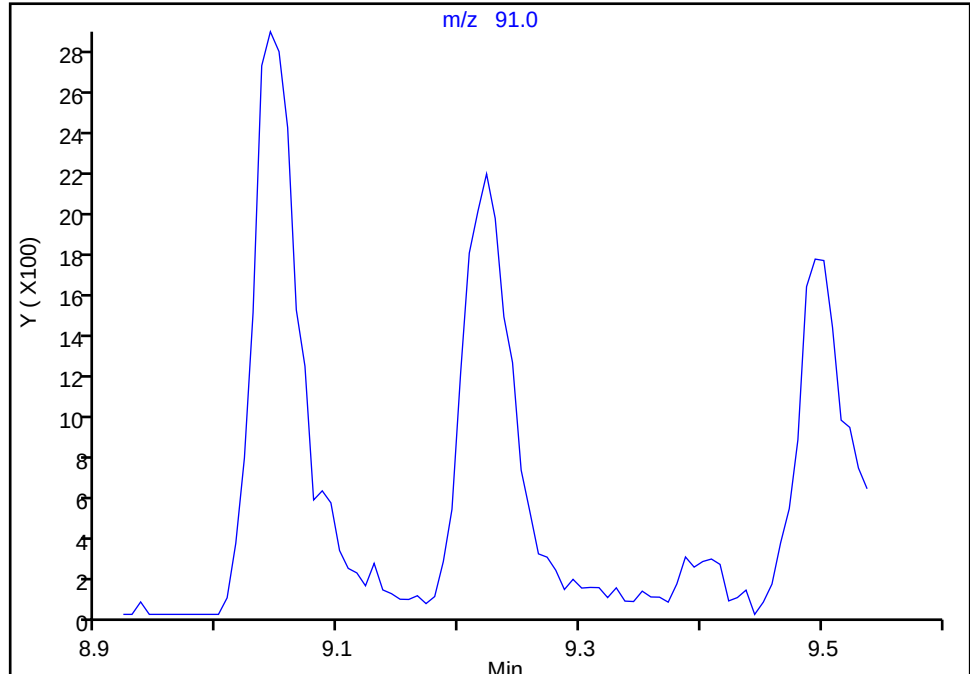
107 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

Not Detected

Expected RT: 9.21

Processing Integration Results



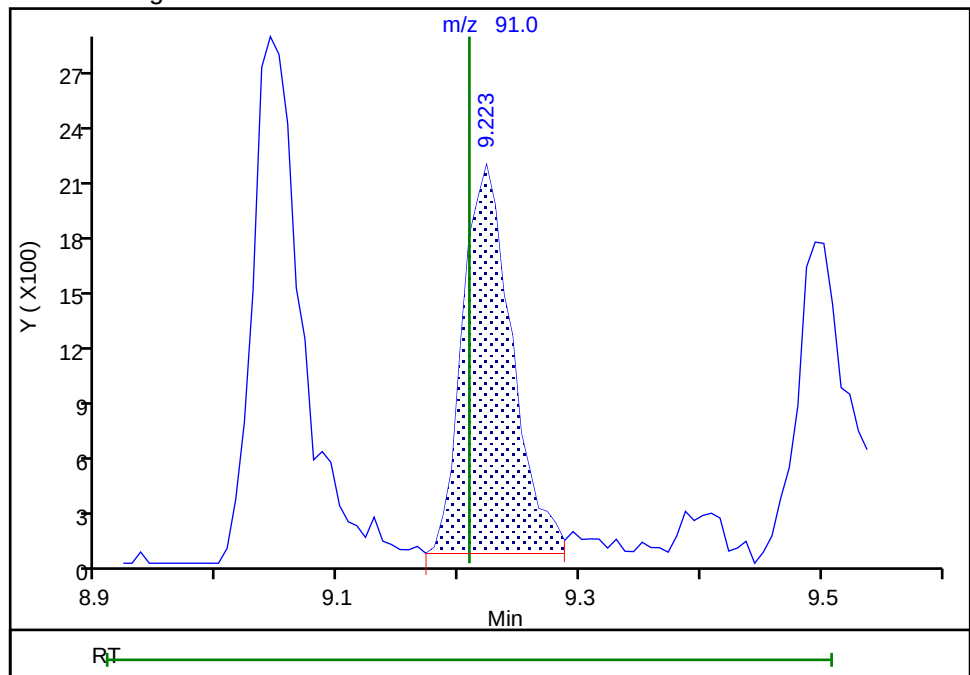
RT: 9.22

Area: 5865

Amount: 0.477462

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:53:33

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

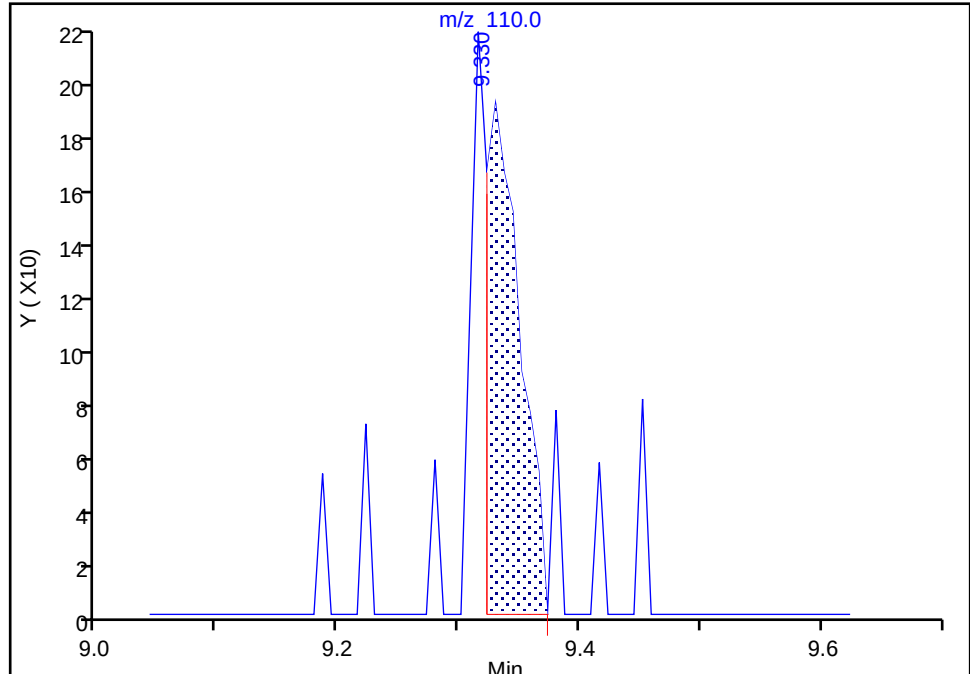
MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

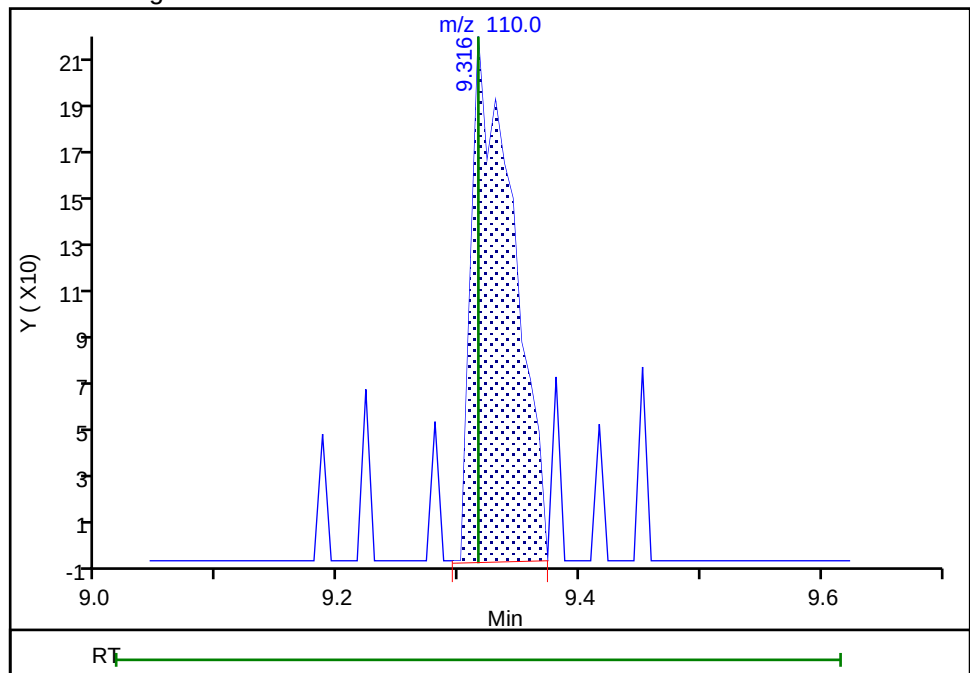
RT: 9.33
Area: 371
Amount: 0.326049
Amount Units: ug/l

Processing Integration Results



RT: 9.32
Area: 511
Amount: 0.433835
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:53:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

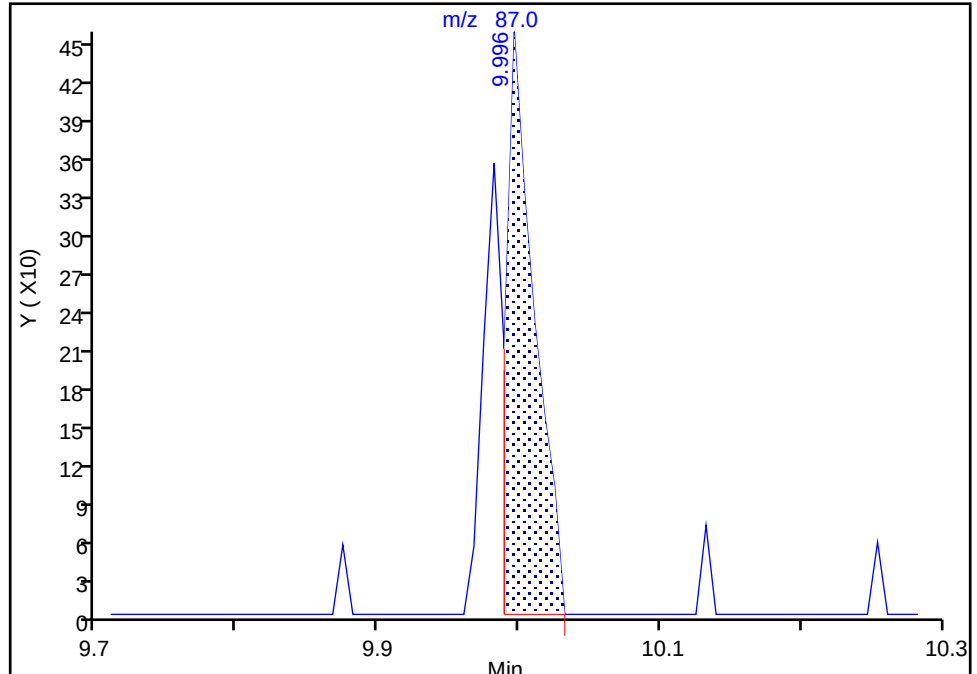
MS SCAN

115 Butyl Methacrylate, CAS: 97-88-1

Signal: 1

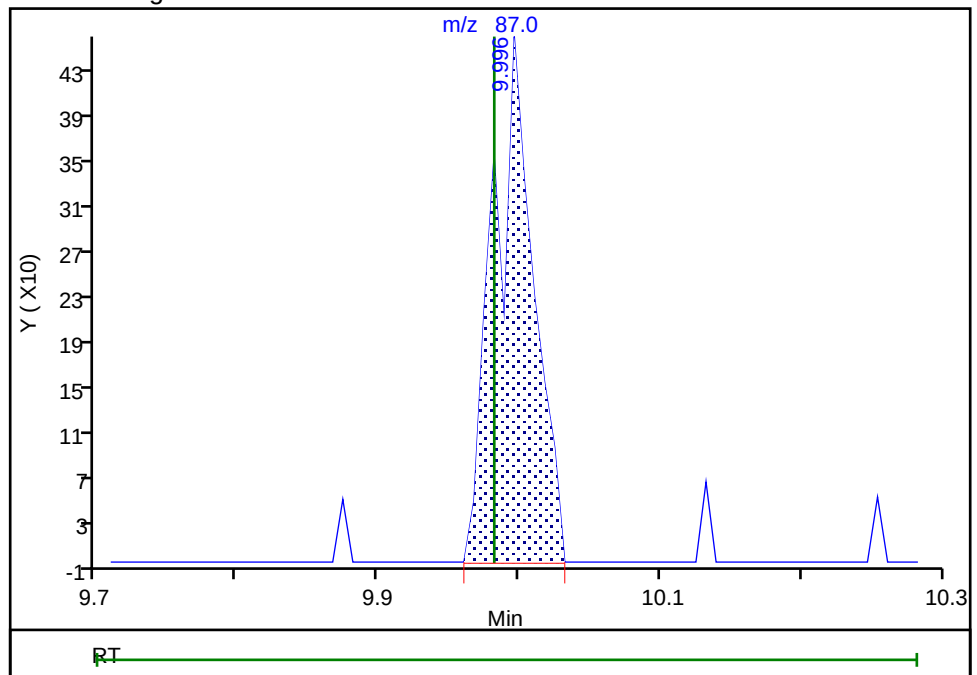
RT: 10.00
Area: 631
Amount: 0.536464
Amount Units: ug/l

Processing Integration Results



RT: 10.00
Area: 902
Amount: 0.196920
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:54:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

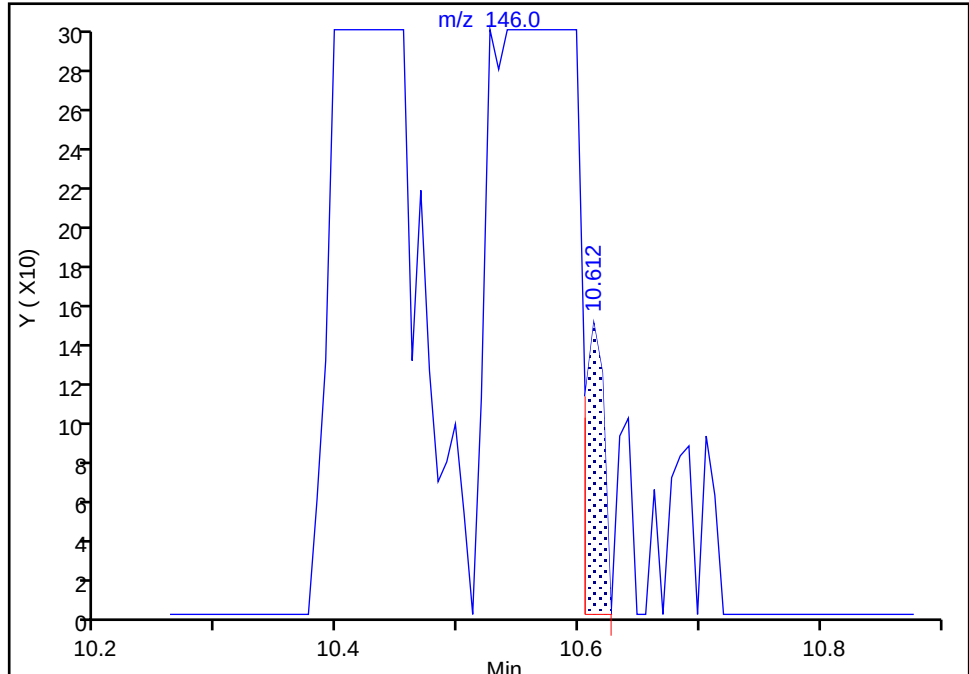
MS SCAN

120 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

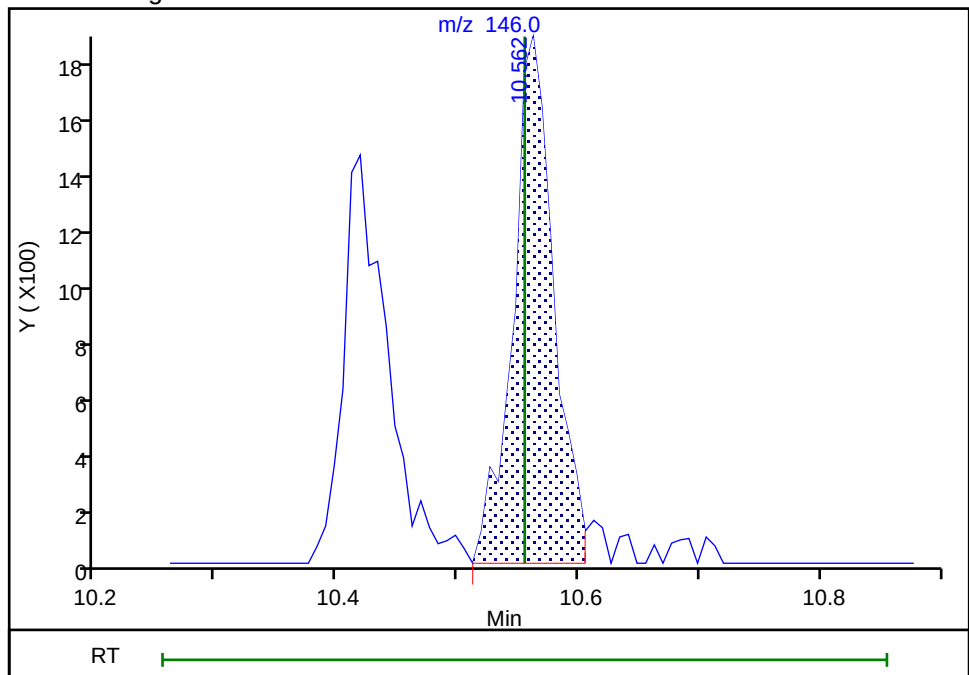
RT: 10.61
Area: 163
Amount: 0.022256
Amount Units: ug/l

Processing Integration Results



RT: 10.56
Area: 4218
Amount: 0.531584
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:54:33

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

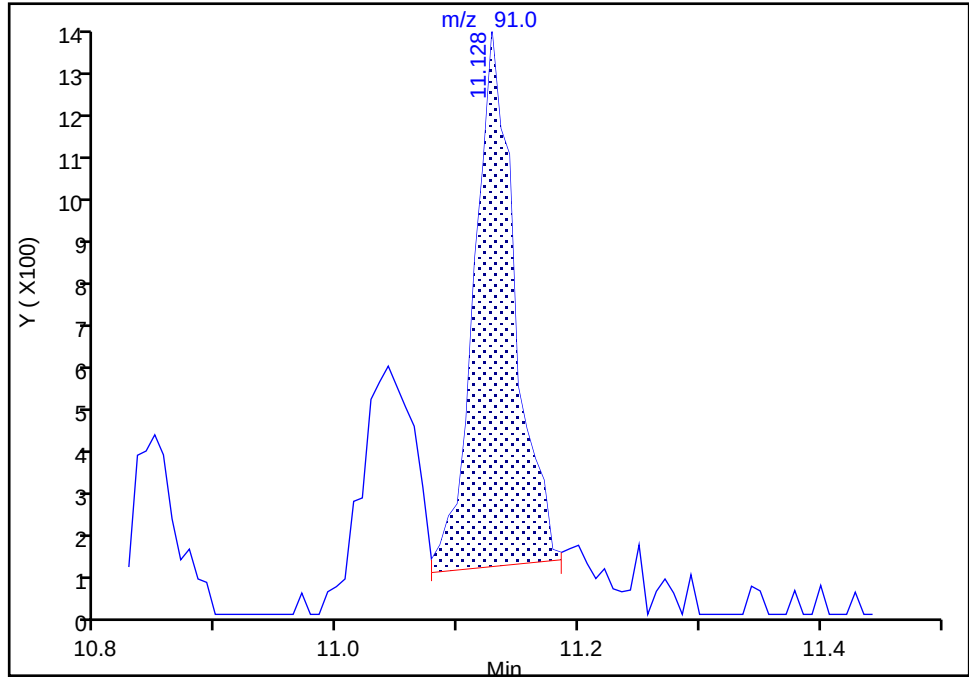
Detector: MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

Signal: 1

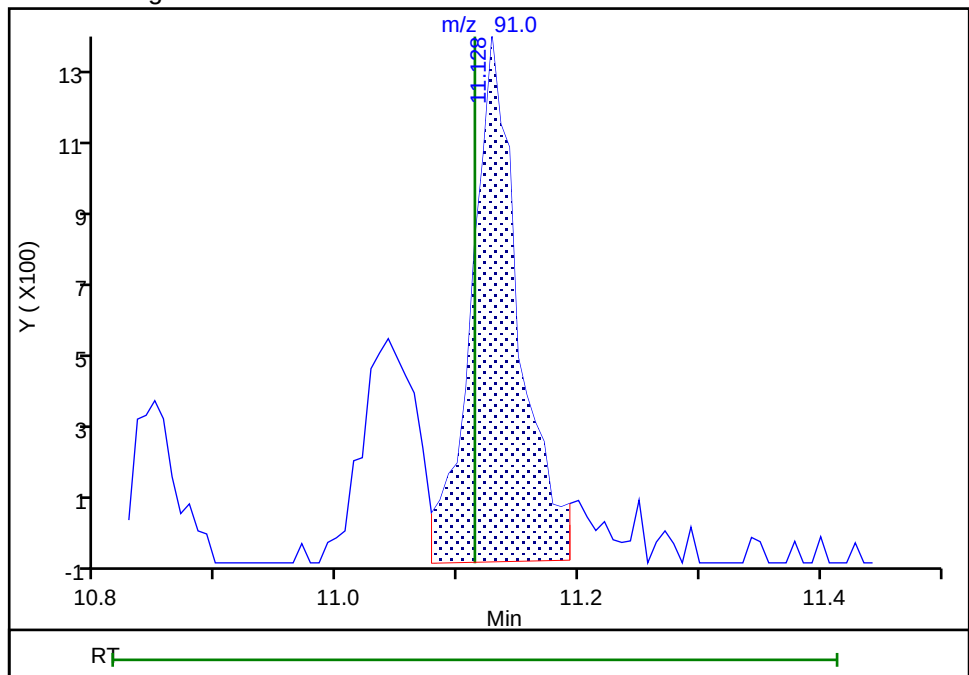
RT: 11.13
Area: 2945
Amount: 0.358333
Amount Units: ug/l

Processing Integration Results



RT: 11.13
Area: 3765
Amount: 0.445409
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:54:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54821.D

Injection Date: 20-Dec-2018 07:37:30

Instrument ID: CVOAMS13

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

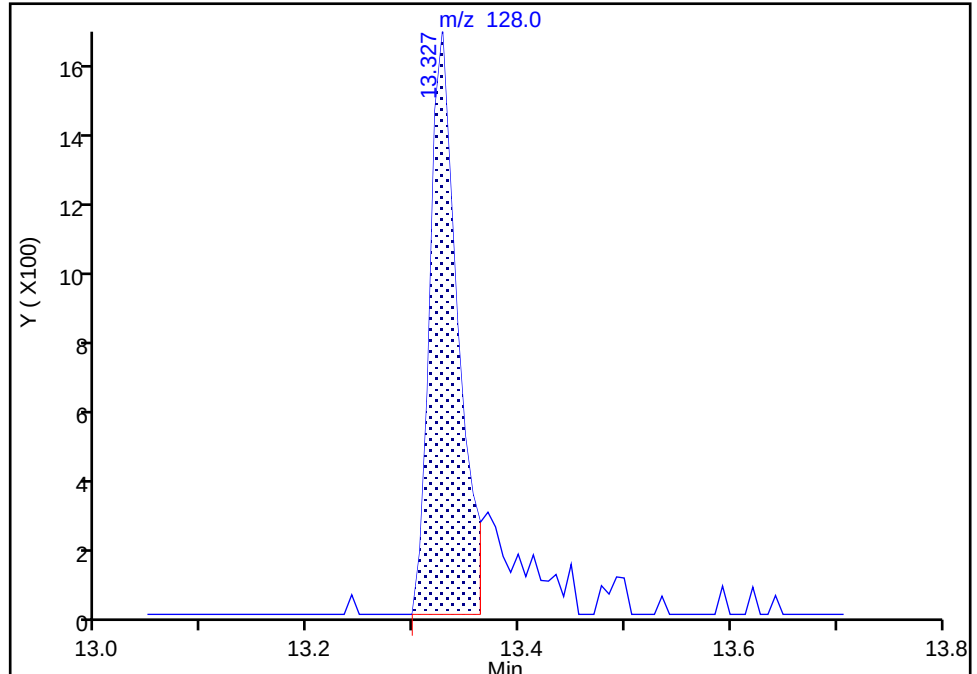
Detector: MS SCAN

132 Naphthalene, CAS: 91-20-3

Signal: 1

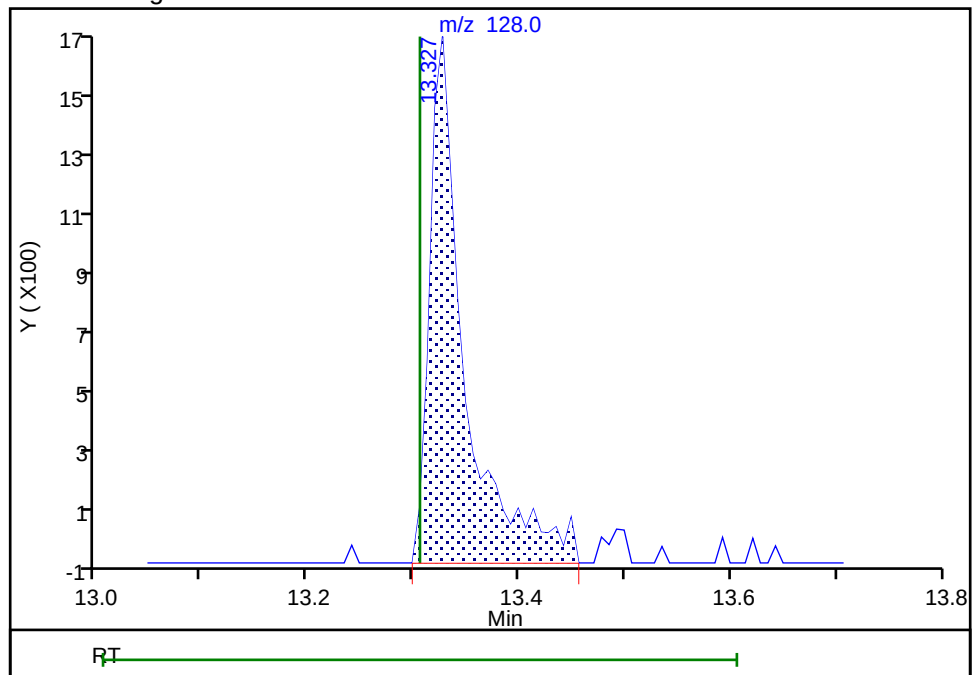
RT: 13.33
Area: 3060
Amount: 0.319204
Amount Units: ug/l

Processing Integration Results



RT: 13.33
Area: 3834
Amount: 0.455044
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:55:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 20-Dec-2018 08:03:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0083907-005
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:29:37 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: desais

Date: 20-Dec-2018 09:49:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	86	814	1.00	0.9441	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	3216	1.00	0.8662	
3 Chloromethane	50	0.964	0.964	0.000	1	2299	1.00	0.9777	a
5 Butadiene	54	0.985	0.985	0.000	94	3126	1.00	0.9795	
4 Vinyl chloride	62	0.978	0.985	-0.007	77	3626	1.00	0.9726	
6 Bromomethane	94	1.135	1.143	-0.008	97	1725	1.00	0.9467	
7 Chloroethane	64	1.200	1.200	0.000	98	2352	1.00	0.8252	
9 Pentane	72	1.264	1.265	-0.001	97	1015	2.00	1.78	
8 Trichlorofluoromethane	101	1.264	1.265	-0.001	75	5465	1.00	0.9447	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	97	7353	1.00	1.04	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	97	4602	1.00	0.9814	
12 Ethyl ether	59	1.422	1.422	0.000	95	3172	1.00	1.06	
13 Ethanol	46	1.501	1.501	0.000	96	543	40.0	32.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	83	4657	1.00	1.17	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	98	3857	1.00	1.21	
16 Carbon disulfide	76	1.544	1.537	0.007	99	9503	1.00	0.9627	
17 1,1,2-Trichloro-1,2,2-trif	101	1.544	1.551	-0.007	44	3002	1.00	0.99	
18 Iodomethane	142	1.601	1.601	0.000	41	531	1.00	0.1826	
19 Cyclopentene	67	1.687	1.680	0.007	96	8947	1.00	1.06	
20 Acrolein	56	1.701	1.702	-0.001	94	2365	4.00	4.57	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	85	2159	1.00	1.10	
22 Isopropyl alcohol	45	1.802	1.802	0.000	95	2485	10.0	11.6	
23 Methylene Chloride	84	1.845	1.845	0.000	94	4384	1.00	1.13	
24 Acetone	43	1.866	1.859	0.007	85	6008	5.00	5.26	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	94	3792	1.00	1.05	
26 Methyl acetate	43	1.938	1.938	0.000	67	4630	2.00	2.26	
27 Hexane	86	1.981	1.974	0.007	53	501	1.00	0.8698	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	95	10789	1.00	1.01	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	227275	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	97	3529	10.0	10.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.138	2.131	0.007	99	4066	10.0	10.8	
32 Isopropyl ether	45	2.224	2.224	0.000	94	12606	1.00	1.05	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	93	3372	1.00	1.03	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	98	7127	1.00	1.03	
35 Acrylonitrile	53	2.332	2.332	0.000	95	12417	10.0	10.2	
37 Vinyl acetate	43	2.468	2.461	0.007	100	14828	2.00	1.84	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	89	11762	1.00	1.00	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	3718	1.00	1.01	
39 2,2-Dichloropropane	77	2.719	2.719	-0.001	94	5512	1.00	1.08	
40 Cyclohexane	56	2.783	2.776	0.007	90	4452	1.00	0.9680	
41 Chlorobromomethane	128	2.783	2.783	0.000	93	1668	1.00	0.9758	
42 Chloroform	83	2.847	2.840	0.007	94	5832	1.00	0.9670	
43 Carbon tetrachloride	117	2.926	2.934	-0.008	97	4219	1.00	1.03	
45 Methyl acrylate	55	2.948	2.948	0.000	51	2936	1.00	1.02	
44 Ethyl acetate	70	2.941	2.948	-0.007	97	820	2.00	2.18	a
46 Tetrahydrofuran	42	2.962	2.955	0.007	38	2505	2.00	1.99	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.976	0.000	96	112394	50.0	49.5	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	36	5003	1.00	0.9777	a
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	229780	250.0	250.0	
50 2-Butanone (MEK)	72	3.069	3.077	-0.008	96	1936	5.00	4.70	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	82	6171	1.00	1.16	a
52 Isooctane	57	3.163	3.170	-0.007	97	4987	1.00	0.8790	
53 n-Heptane	57	3.256	3.263	-0.007	43	1557	1.00	1.04	a
54 Benzene	78	3.270	3.263	0.007	97	14814	1.00	1.03	
55 Propionitrile	54	3.292	3.285	0.007	49	4504	10.0	10.1	
56 Methacrylonitrile	67	3.306	3.306	0.000	93	12950	10.0	9.50	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.370	0.000	0	147390	50.0	51.2	
58 Tert-amyl methyl ether	73	3.385	3.378	0.007	40	9624	1.00	0.9558	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	93	5692	1.00	1.04	
60 Isobutyl alcohol	43	3.506	3.507	-0.001	94	2242	25.0	20.6	
61 t-Amyl alcohol	59	3.571	3.571	0.000	77	1844	10.0	8.99	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	442853	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.679	-0.001	95	5932	1.00	0.9556	
64 Methylcyclohexane	83	3.736	3.736	0.000	94	3637	1.00	0.9277	
65 Trichloroethene	130	3.764	3.757	0.007	95	3575	1.00	0.9717	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	96	8208	1.00	0.9538	
67 Dibromomethane	93	4.137	4.130	0.007	93	2238	1.00	0.9875	
68 n-Butanol	56	4.158	4.144	0.014	22	1143	25.0	14.1	a
69 1,2-Dichloropropane	63	4.223	4.216	0.007	87	3844	1.00	1.05	
71 Ethyl acrylate	55	4.309	4.295	0.014	56	3053	1.00	0.7748	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	4228	1.00	0.9156	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	24906	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	81	1432	2.00	1.61	
74 1,4-Dioxane	88	4.516	4.509	0.007	44	2066	50.0	51.9	
75 n-Propyl acetate	43	4.667	4.653	0.014	99	3750	1.00	0.8595	
76 2-Chloroethyl vinyl ether	63	4.925	4.911	0.014	93	1852	1.00	0.8675	
77 cis-1,3-Dichloropropene	75	4.953	4.946	0.007	96	4260	1.00	0.8084	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	481248	50.0	50.0	
79 Toluene	91	5.197	5.197	0.000	94	16754	1.00	1.05	
80 Epichlorohydrin	57	5.233	5.240	-0.007	96	5104	20.0	17.7	
81 2-Nitropropane	41	5.448	5.448	0.000	89	1380	2.00	1.51	
82 Tetrachloroethene	166	5.620	5.620	0.000	93	3850	1.00	1.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.670	5.663	0.007	97	14433	5.00	4.74	
84 trans-1,3-Dichloropropene	75	5.713	5.699	0.015	92	3755	1.00	0.9686	
85 1,1,2-Trichloroethane	83	5.877	5.870	0.007	90	2720	1.00	1.04	
86 Ethyl methacrylate	69	5.971	5.949	0.022	90	3389	1.00	0.8457	
87 Chlorodibromomethane	129	6.071	6.071	0.000	95	2625	1.00	0.8229	
88 1,3-Dichloropropane	76	6.193	6.186	0.007	92	5366	1.00	0.9773	
89 Ethylene Dibromide	107	6.329	6.315	0.014	94	2812	1.00	0.9161	
90 n-Butyl acetate	43	6.672	6.658	0.014	98	3530	1.00	0.7625	
91 2-Hexanone	43	6.744	6.723	0.021	94	7297	5.00	3.70	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	389266	50.0	50.0	
93 Chlorobenzene	112	7.023	7.031	-0.008	37	10203	1.00	1.01	
94 Ethylbenzene	106	7.124	7.110	0.014	99	5203	1.00	0.9784	a
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	86	3031	1.00	0.9290	
96 m-Xylene & p-Xylene	106	7.339	7.332	0.007	0	5583	1.00	0.8958	a
97 o-Xylene	106	7.919	7.919	0.000	93	5945	1.00	0.9436	
98 Bromoform	173	7.998	7.984	0.014	88	1490	1.00	0.9776	
99 Styrene	104	8.026	8.005	0.021	93	8038	1.00	0.7991	
100 n-Butyl acrylate	73	8.349	8.327	0.022	96	1188	1.00	0.4604	
101 Isopropylbenzene	105	8.406	8.399	0.007	96	14022	1.00	0.9454	
102 Amyl acetate (mixed isomer)	43	8.764	8.743	0.021	37	3933	1.00	0.9472	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	89	150169	50.0	48.8	
104 Bromobenzene	156	8.893	8.886	0.007	92	4608	1.00	1.06	
105 N-Propylbenzene	91	9.043	9.036	0.007	99	16531	1.00	1.04	
106 1,1,2,2-Tetrachloroethane	83	9.187	9.180	0.007	94	3837	1.00	1.00	
107 2-Chlorotoluene	91	9.215	9.208	0.007	97	12215	1.00	1.00	
108 4-Ethyltoluene	105	9.237	9.230	0.007	97	13785	1.00	1.00	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	93	1286	1.00	1.10	M
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	94	10550	1.00	0.9507	
111 trans-1,4-Dichloro-2-buten	53	9.502	9.445	0.057	41	1076	1.00	0.9533	M
112 4-Chlorotoluene	91	9.495	9.481	0.014	97	10679	1.00	0.9551	M
113 tert-Butylbenzene	119	9.853	9.846	0.007	93	8771	1.00	0.99	
114 1,2,4-Trimethylbenzene	105	9.989	9.982	0.007	96	11087	1.00	0.9132	
115 Butyl Methacrylate	87	9.989	9.982	0.007	41	1815	1.00	0.3995	
116 sec-Butylbenzene	105	10.147	10.140	0.007	98	12451	1.00	1.04	
117 1,3-Dichlorobenzene	146	10.419	10.405	0.014	85	7156	1.00	1.00	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	96	9895	1.00	0.9383	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	97	213912	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	91	8716	1.00	1.11	
121 1,2,3-Trimethylbenzene	105	10.677	10.662	0.015	98	12546	1.00	0.9550	
122 2,3-Dihydroindene	117	10.841	10.842	-0.001	93	12488	1.00	0.9397	
123 Benzyl chloride	126	11.035	11.013	0.022	77	307	1.00	0.2557	
124 p-Diethylbenzene	119	11.042	11.035	0.007	86	4639	1.00	0.8953	
125 n-Butylbenzene	91	11.128	11.114	0.014	97	7509	1.00	0.8958	M
126 1,2-Dichlorobenzene	146	11.235	11.221	0.014	94	7077	1.00	1.00	
127 1,2,4,5-Tetramethylbenzene	119	12.152	12.145	0.007	97	7795	1.00	0.8587	
128 1,2-Dibromo-3-Chloropropan	157	12.295	12.289	0.007	71	473	1.00	0.8949	
129 1,3,5-Trichlorobenzene	180	12.346	12.339	0.007	95	4116	1.00	0.99	
130 1,2,4-Trichlorobenzene	180	13.033	13.012	0.021	93	3274	1.00	0.8548	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	84	1549	1.00	1.01	
132 Naphthalene	128	13.320	13.306	0.014	97	6315	1.00	0.7558	
133 1,2,3-Trichlorobenzene	180	13.485	13.478	0.007	96	3202	1.00	0.9065	
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		2.00	1.78	
S 136 Xylenes, Total	100				0		2.00	1.84	
S 137 Total BTEX	1				0		5.00	4.89	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00084	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 10.00	Units: uL	
GASES Li_00292	Amount Added: 10.00	Units: uL	
14DIOXINTER_00094	Amount Added: 30.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

Worklist Smp#: 5

Purge Vol: 5.000 mL

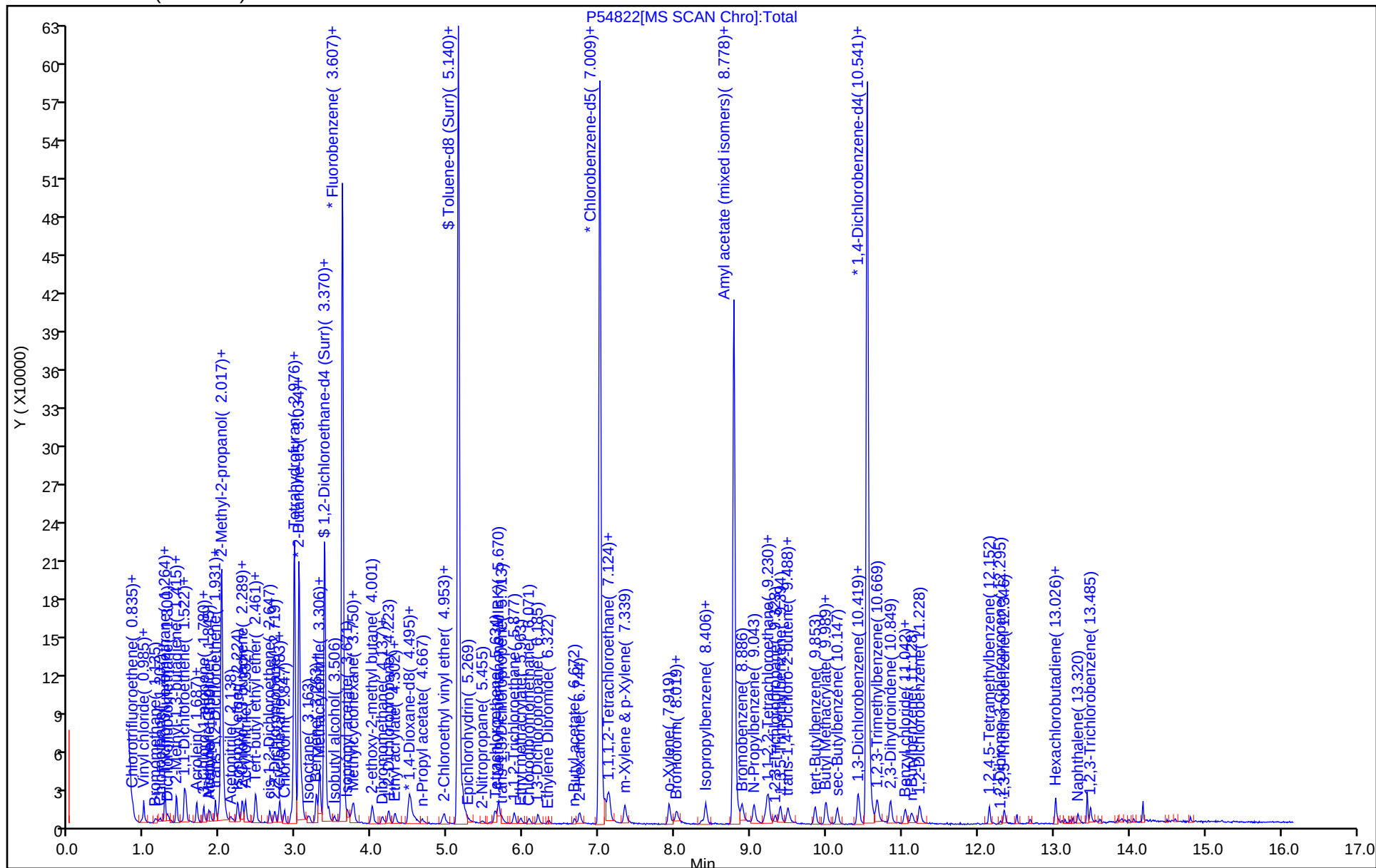
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

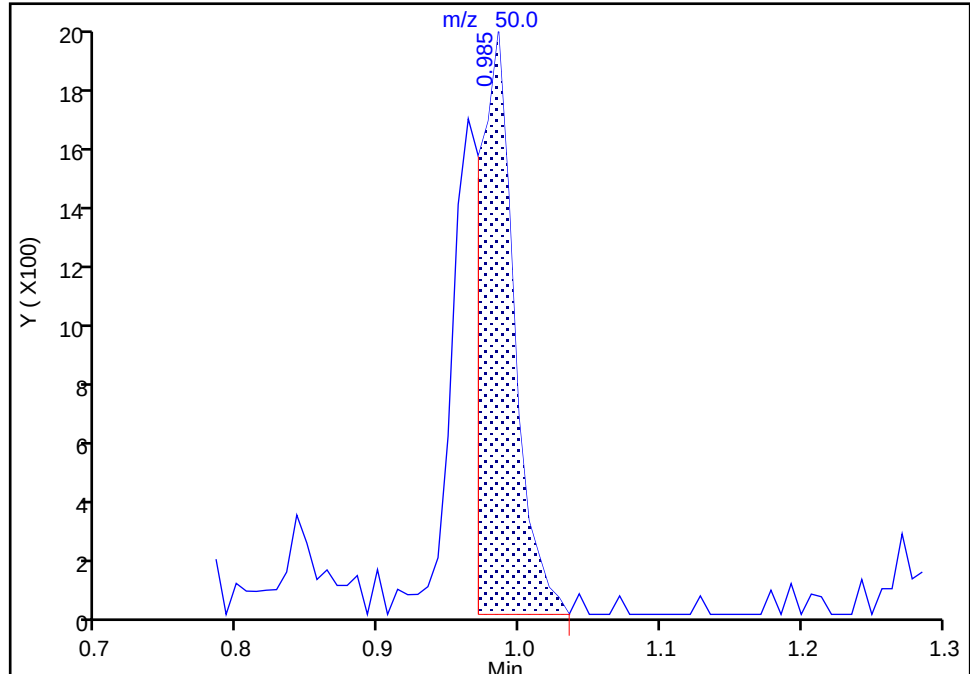
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

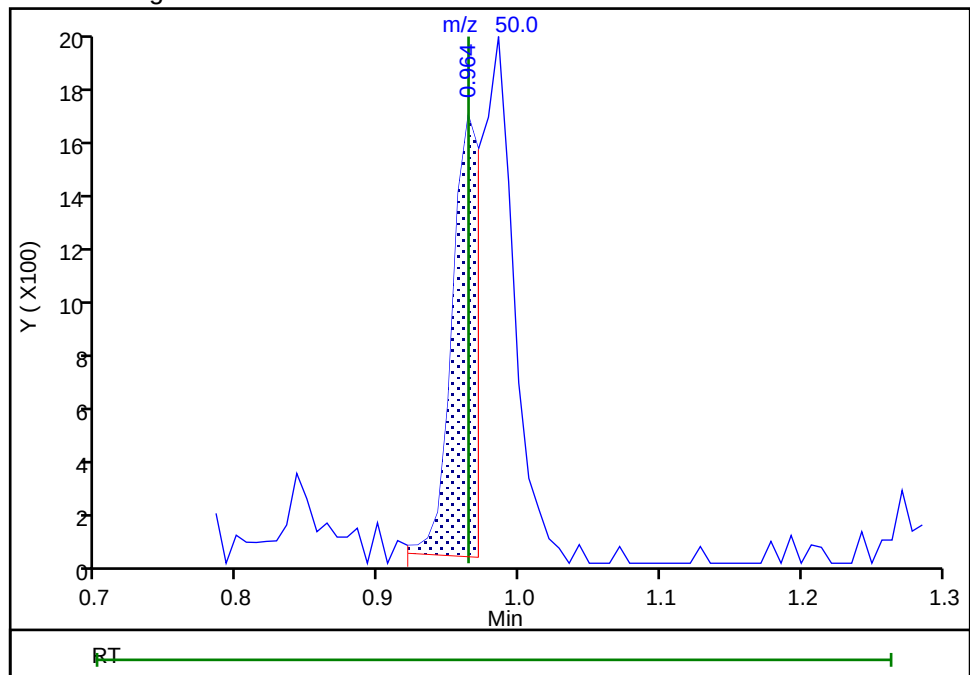
RT: 0.99
Area: 3390
Amount: 1.266433
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 2299
Amount: 0.977750
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:46:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

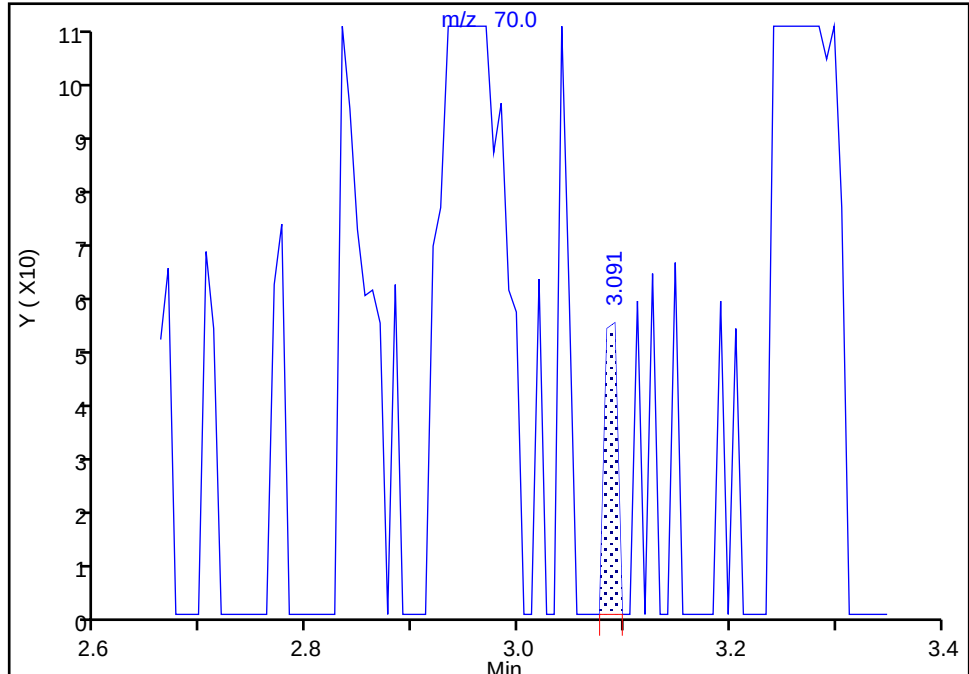
Detector: MS SCAN

44 Ethyl acetate, CAS: 141-78-6

Signal: 1

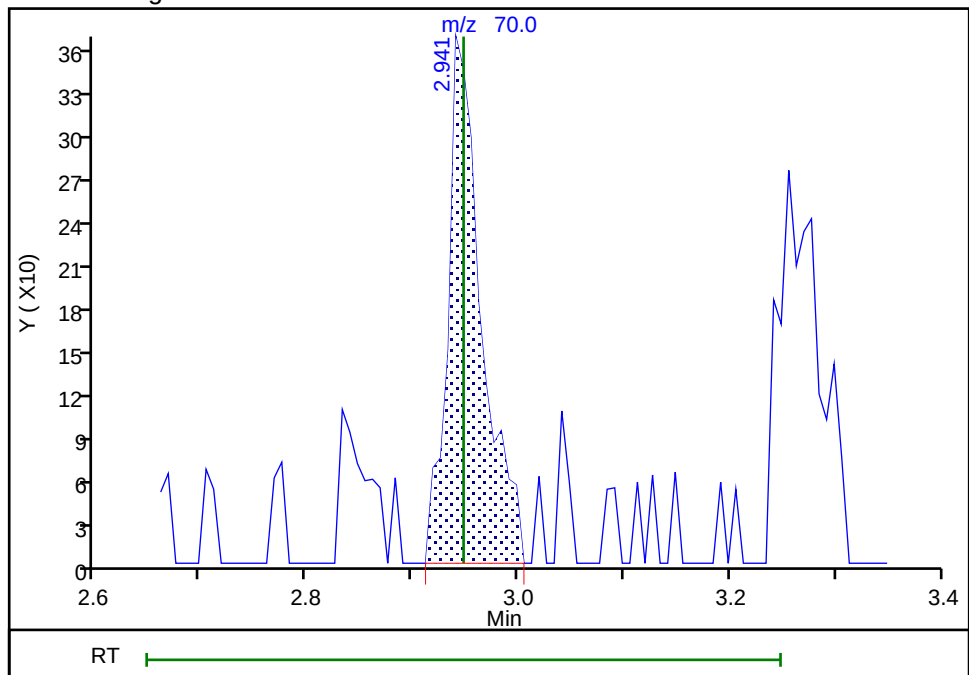
RT: 3.09
Area: 45
Amount: 0.140378
Amount Units: ug/l

Processing Integration Results



RT: 2.94
Area: 820
Amount: 2.181309
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:47:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

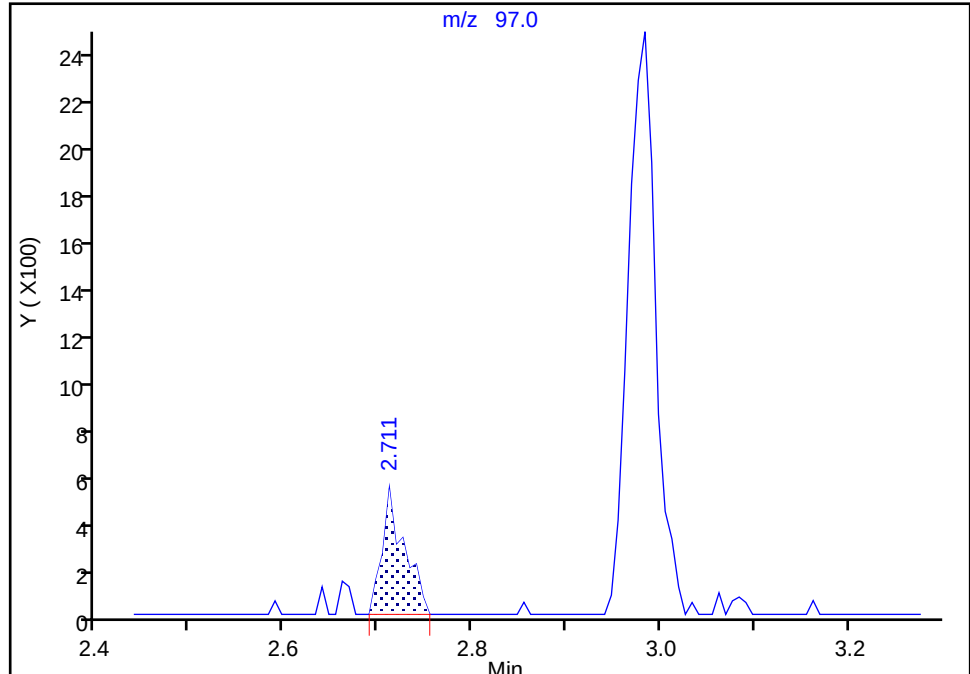
Detector: MS SCAN

48 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

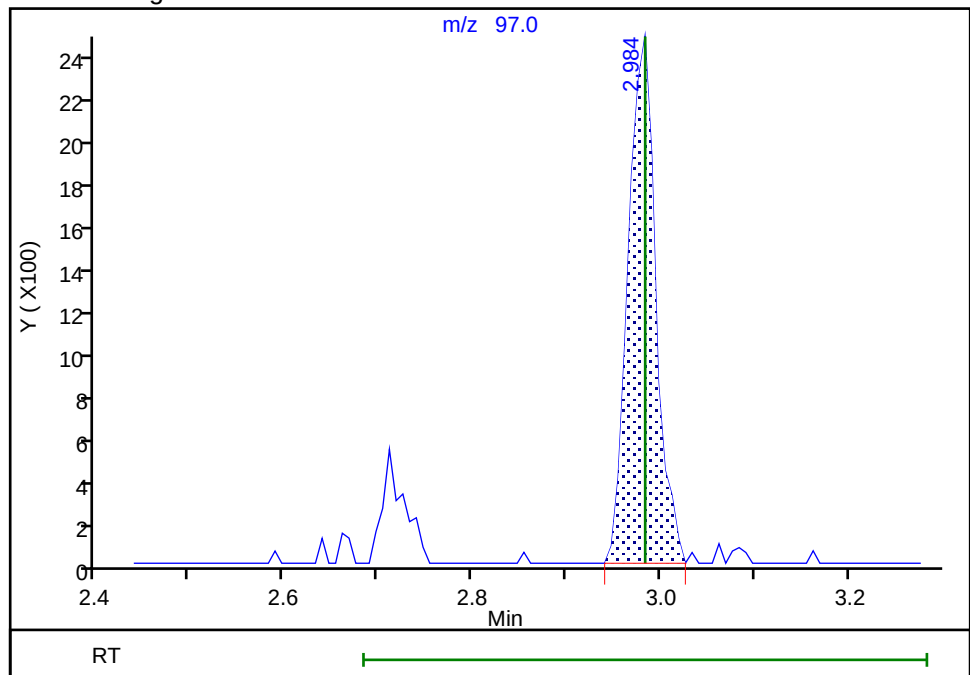
RT: 2.71
Area: 872
Amount: 0.181606
Amount Units: ug/l

Processing Integration Results



RT: 2.98
Area: 5003
Amount: 0.977743
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:47:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

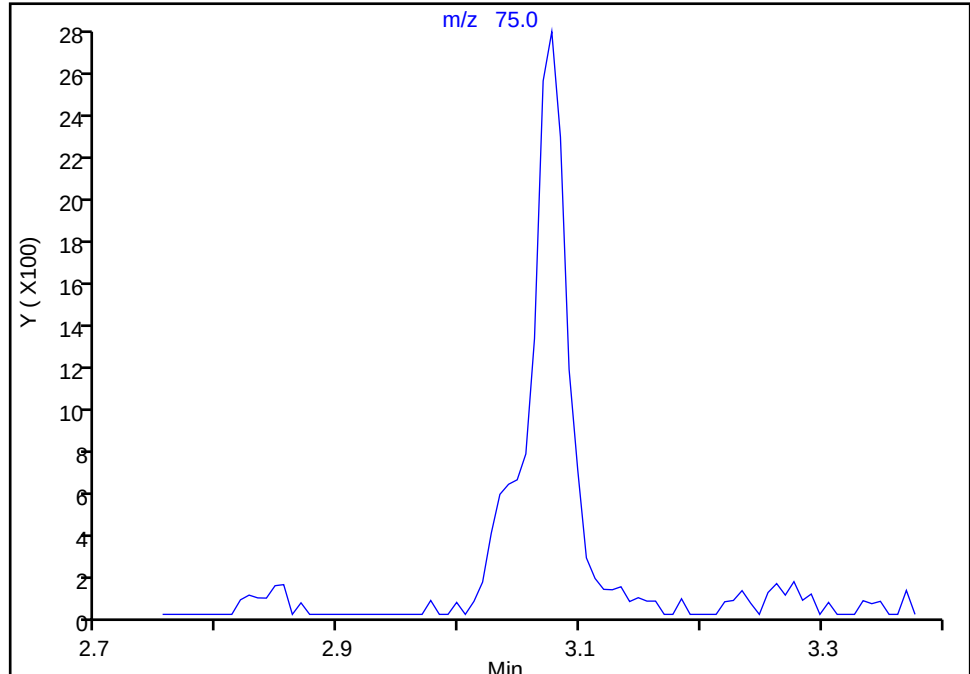
51 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

Not Detected

Expected RT: 3.08

Processing Integration Results



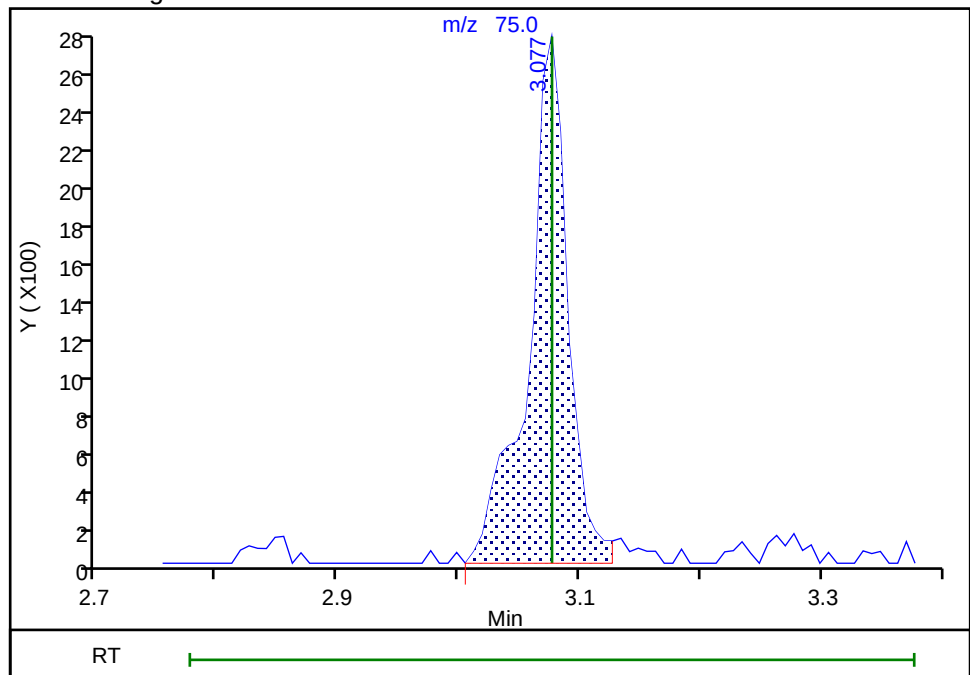
RT: 3.08

Area: 6171

Amount: 1.163501

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:47:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

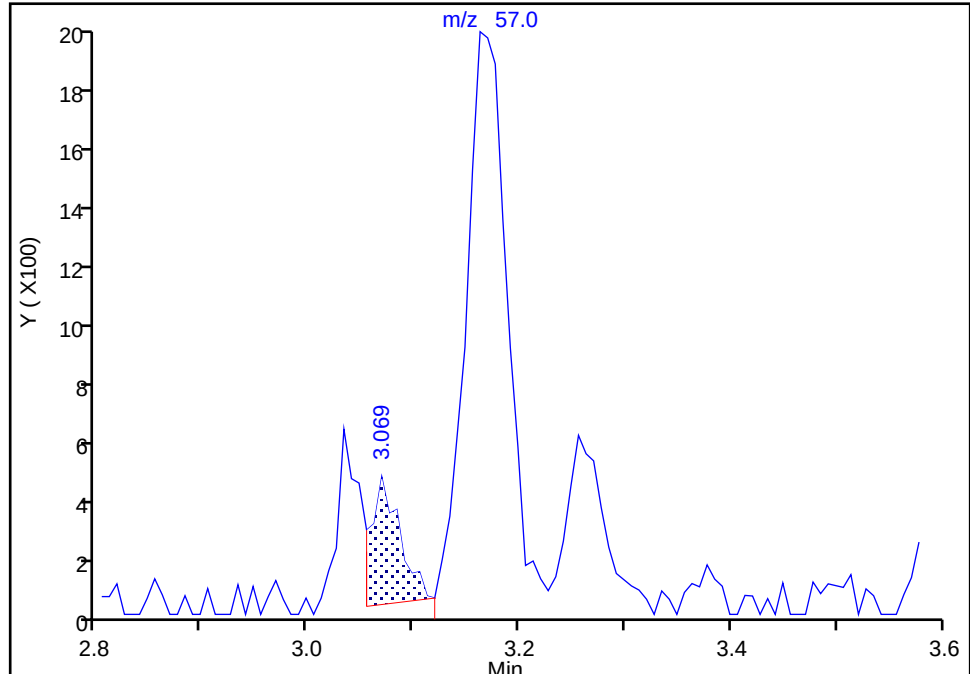
Detector: MS SCAN

53 n-Heptane, CAS: 142-82-5

Signal: 1

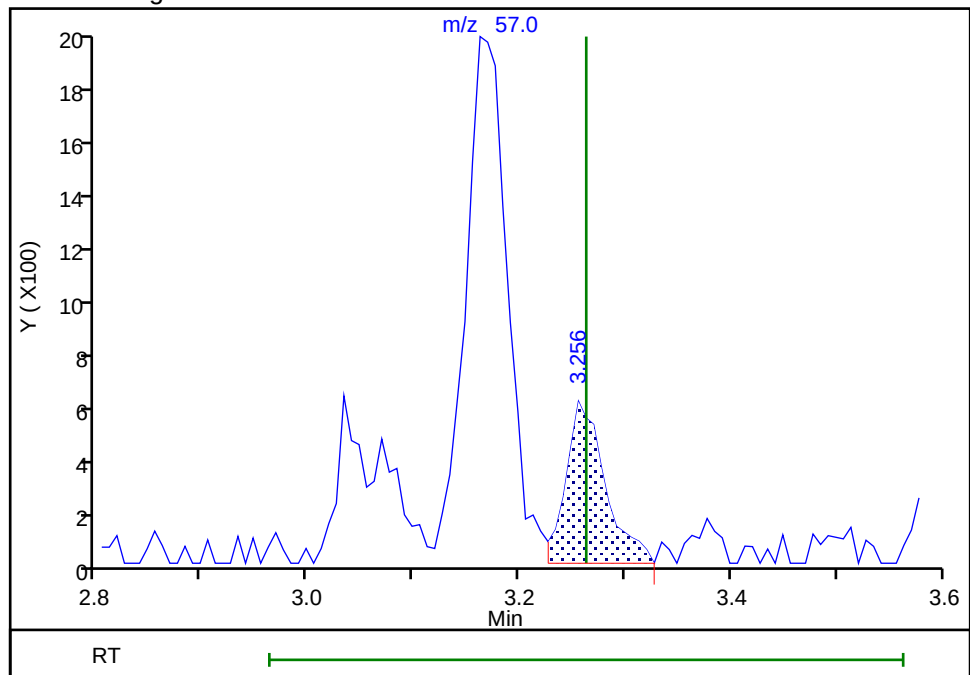
RT: 3.07
Area: 824
Amount: 0.598997
Amount Units: ug/l

Processing Integration Results



RT: 3.26
Area: 1557
Amount: 1.041020
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:47:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

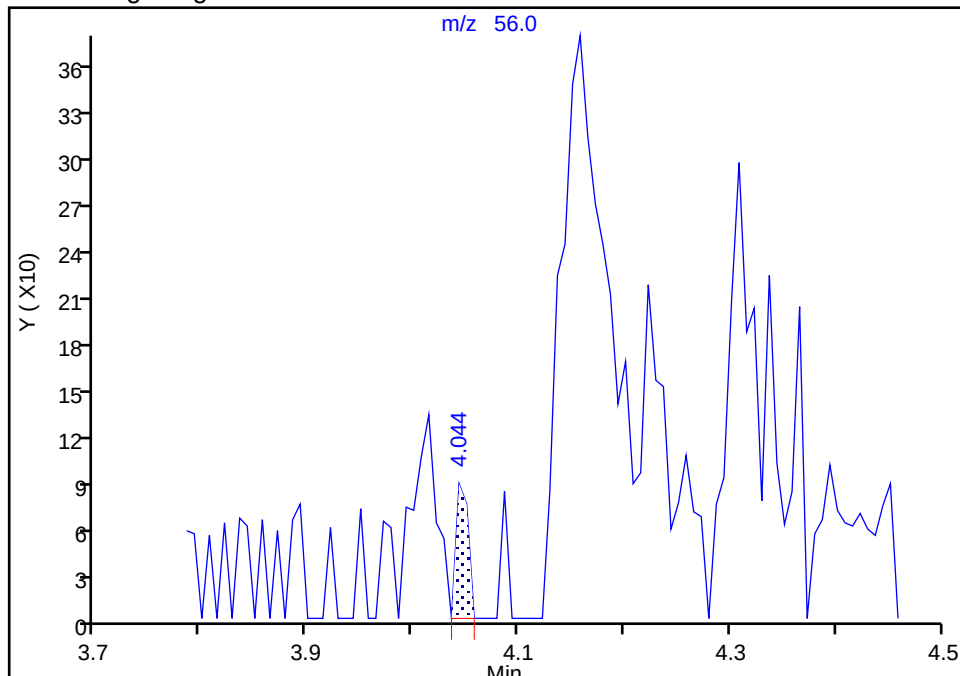
MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

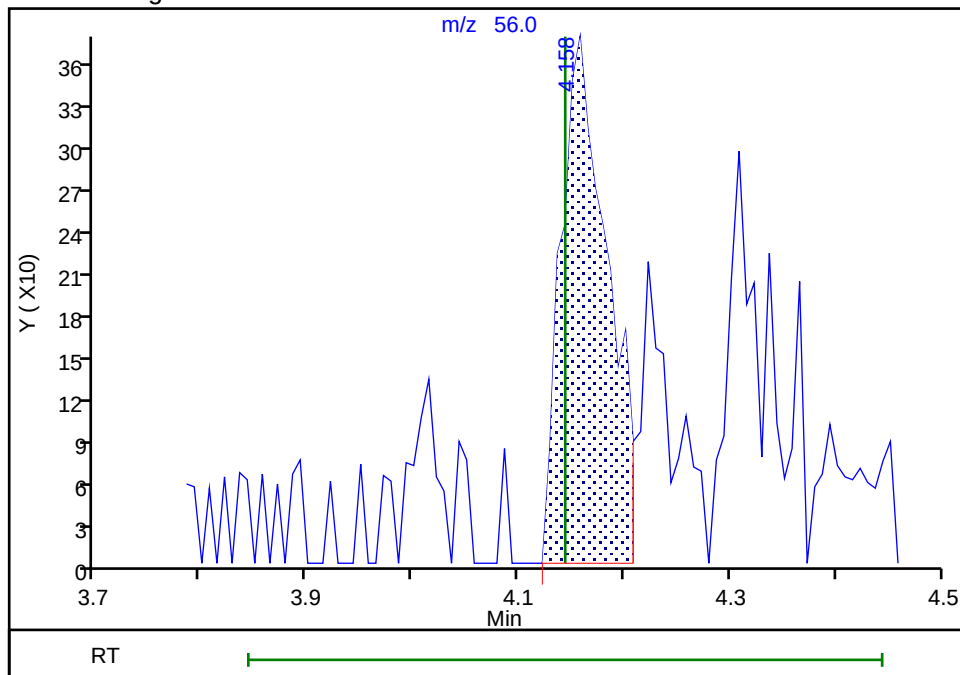
RT: 4.04
Area: 68
Amount: 1.254098
Amount Units: ug/l

Processing Integration Results



RT: 4.16
Area: 1143
Amount: 14.123571
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:47:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

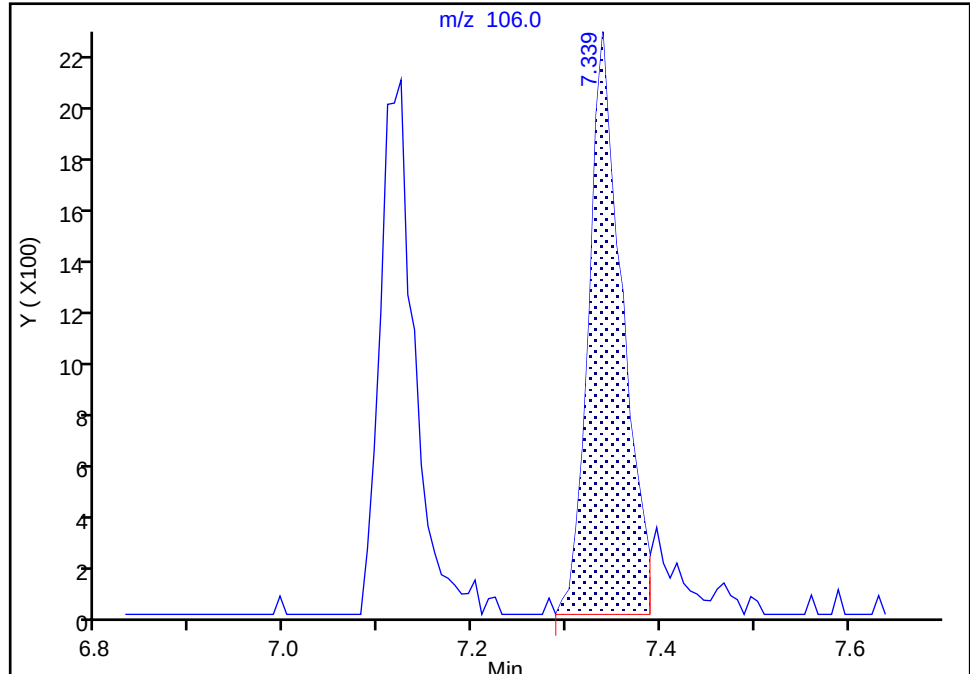
Detector: MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Signal: 1

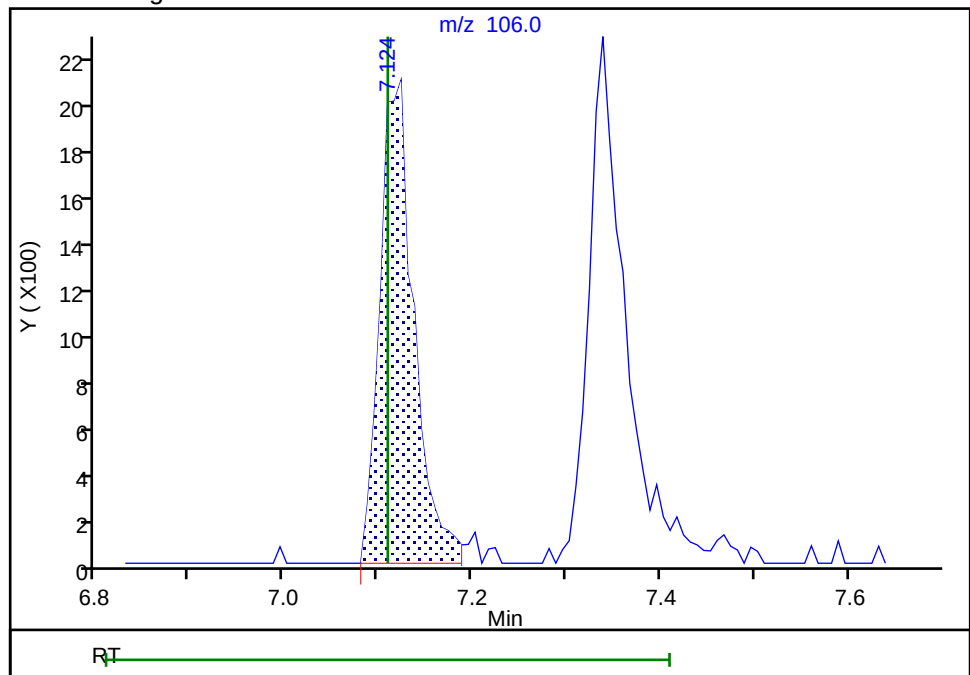
RT: 7.34
Area: 5583
Amount: 1.017430
Amount Units: ug/l

Processing Integration Results



RT: 7.12
Area: 5203
Amount: 0.978436
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:47:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

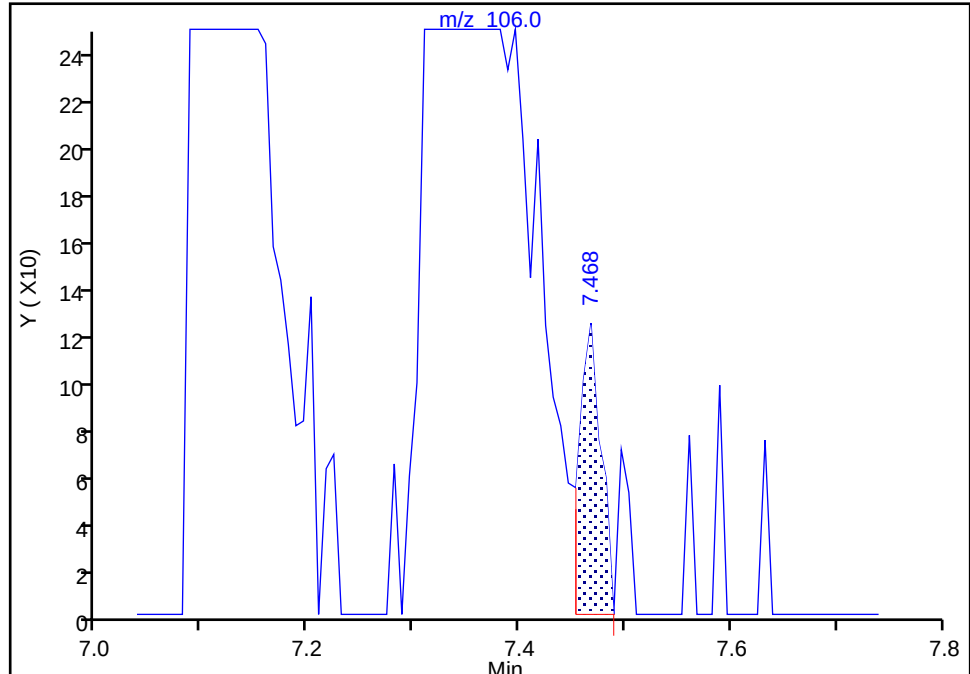
Detector: MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

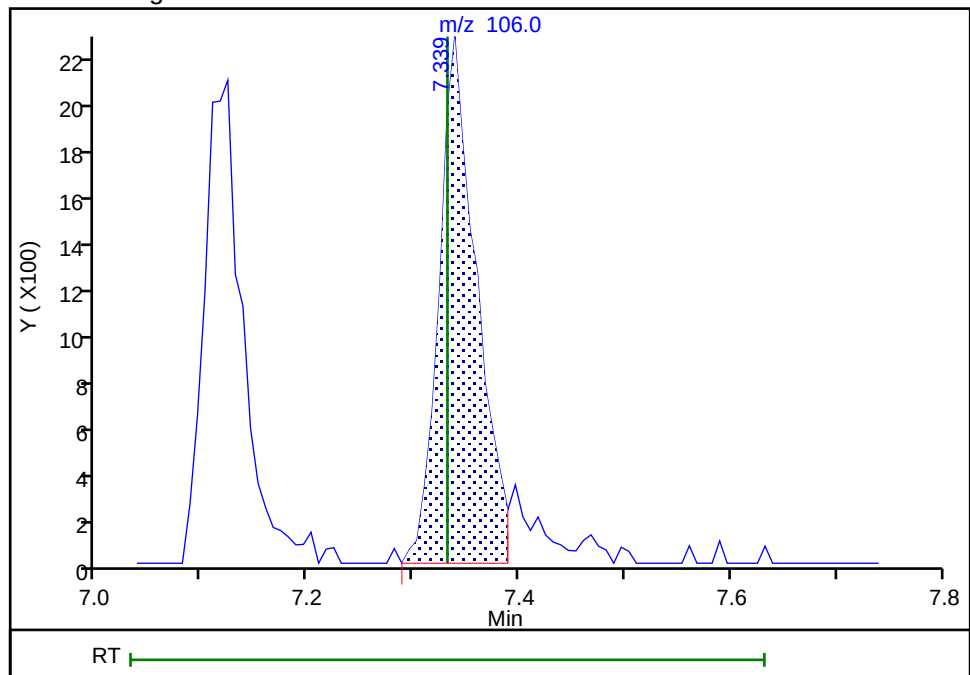
RT: 7.47
Area: 173
Amount: 0.028108
Amount Units: ug/l

Processing Integration Results



RT: 7.34
Area: 5583
Amount: 0.895831
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:47:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

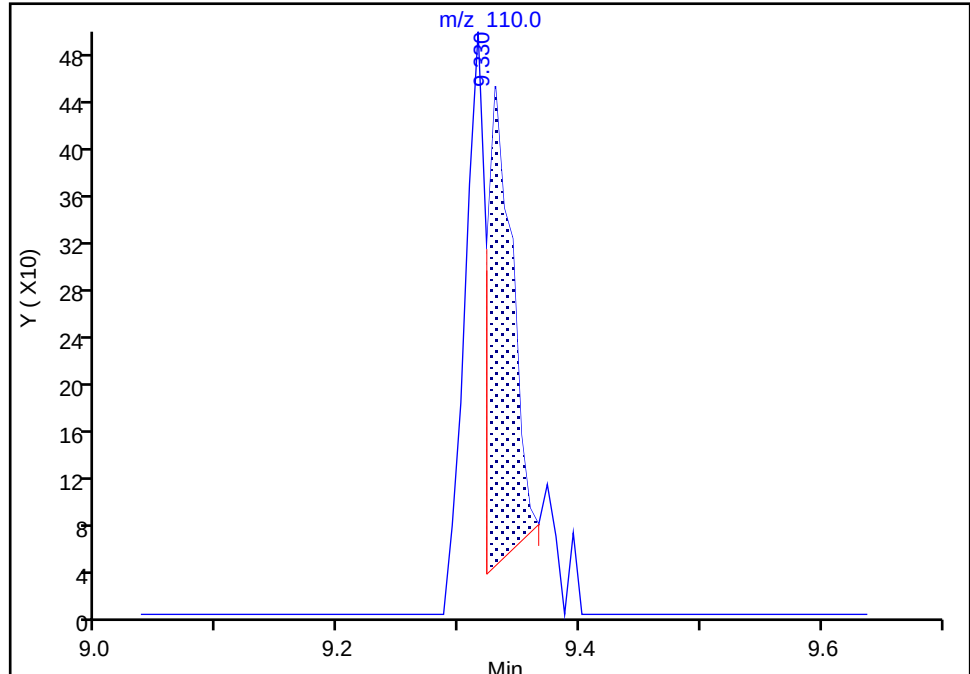
MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

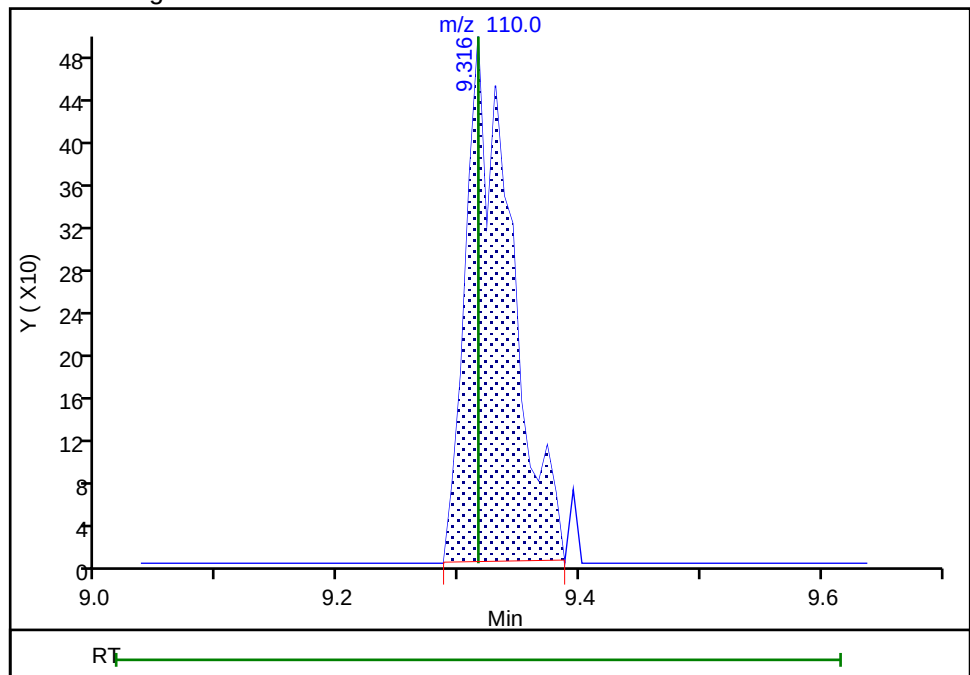
RT: 9.33
Area: 581
Amount: 0.565340
Amount Units: ug/l

Processing Integration Results



RT: 9.32
Area: 1286
Amount: 1.100950
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:48:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

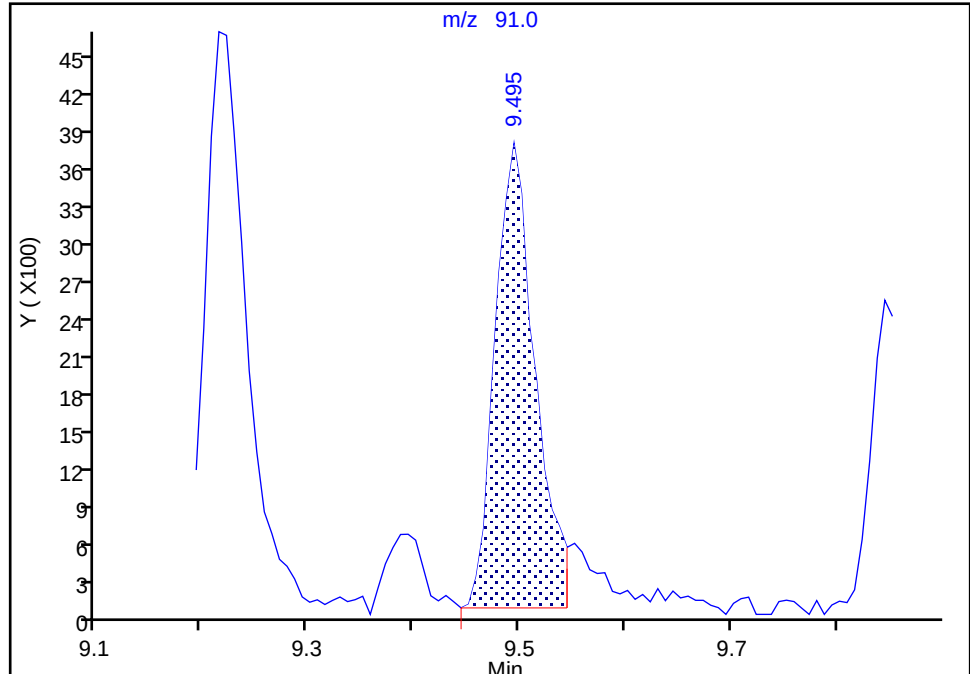
Detector: MS SCAN

112 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

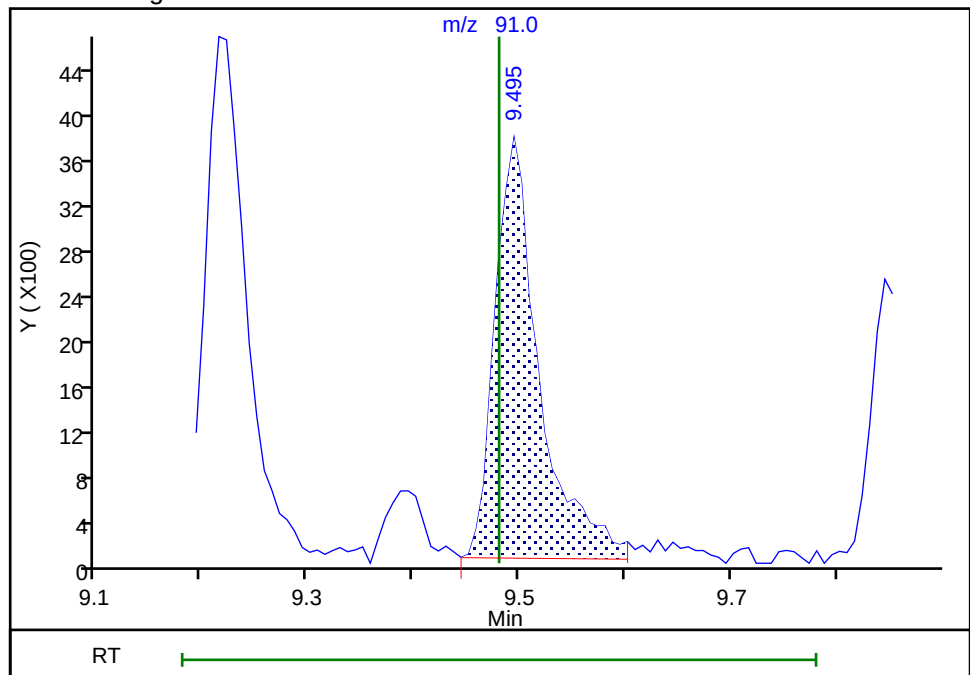
RT: 9.49
Area: 9652
Amount: 0.874769
Amount Units: ug/l

Processing Integration Results



RT: 9.49
Area: 10679
Amount: 0.955147
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:48:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

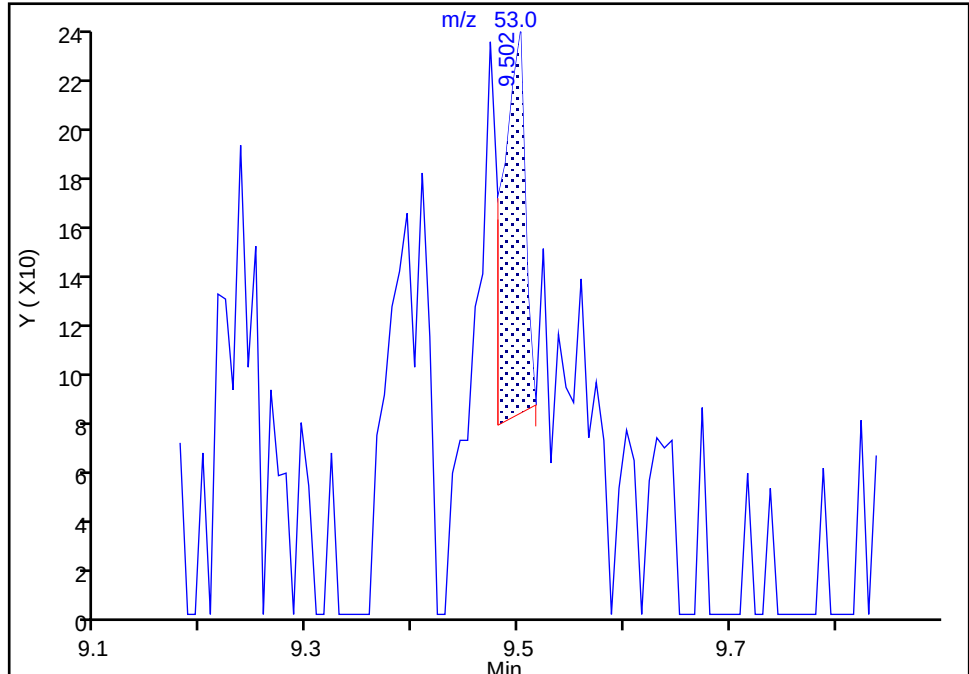
MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

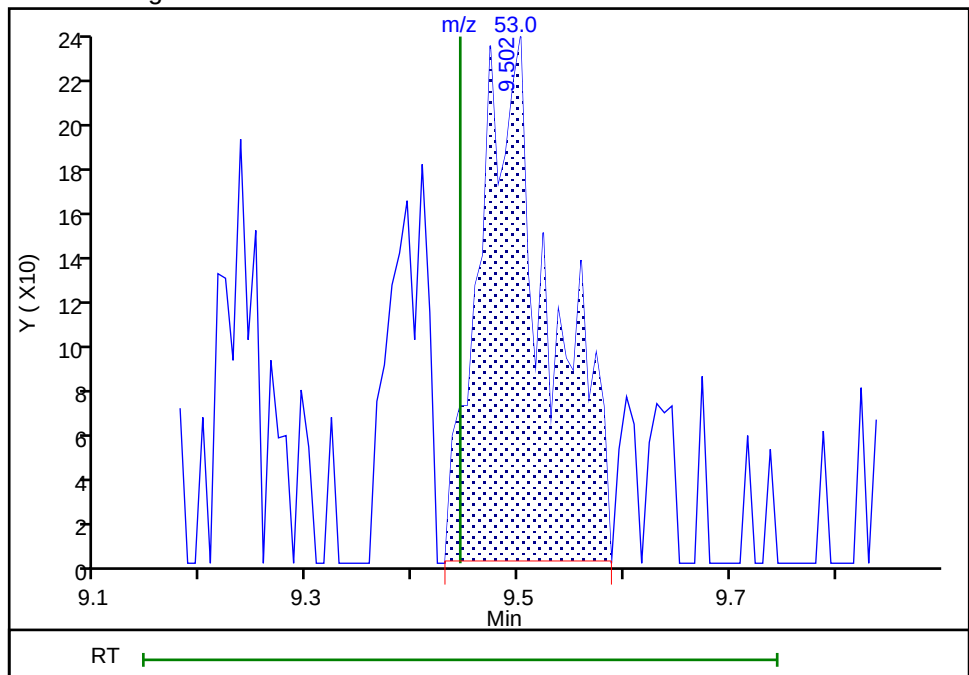
RT: 9.50
Area: 224
Amount: 0.198520
Amount Units: ug/l

Processing Integration Results



RT: 9.50
Area: 1076
Amount: 0.953335
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:48:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54822.D

Injection Date: 20-Dec-2018 08:03:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

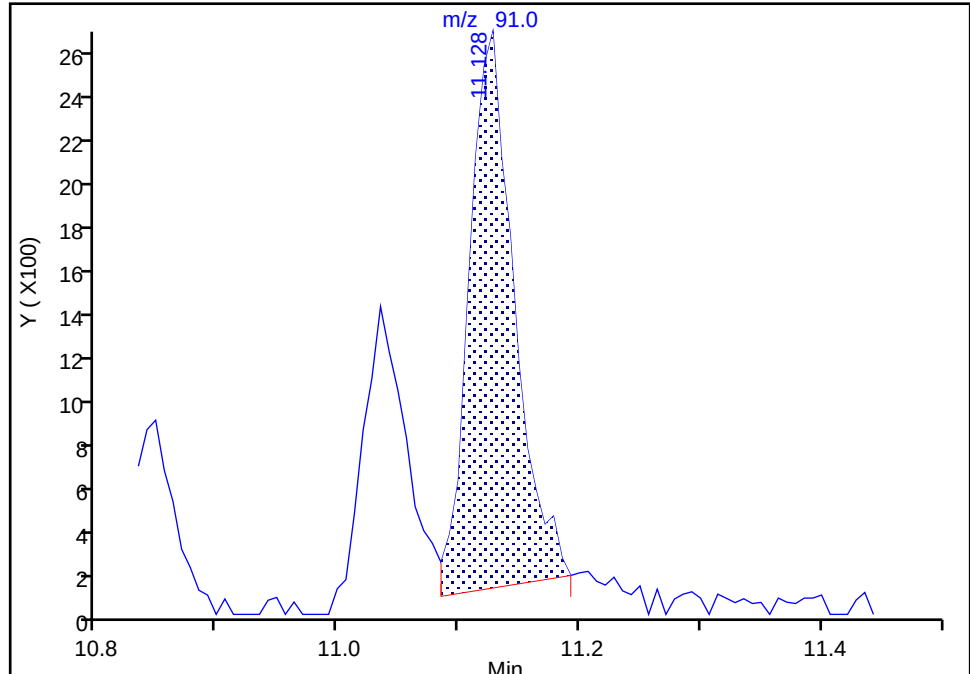
Detector: MS SCAN

125 n-Butylbenzene, CAS: 104-51-8

Signal: 1

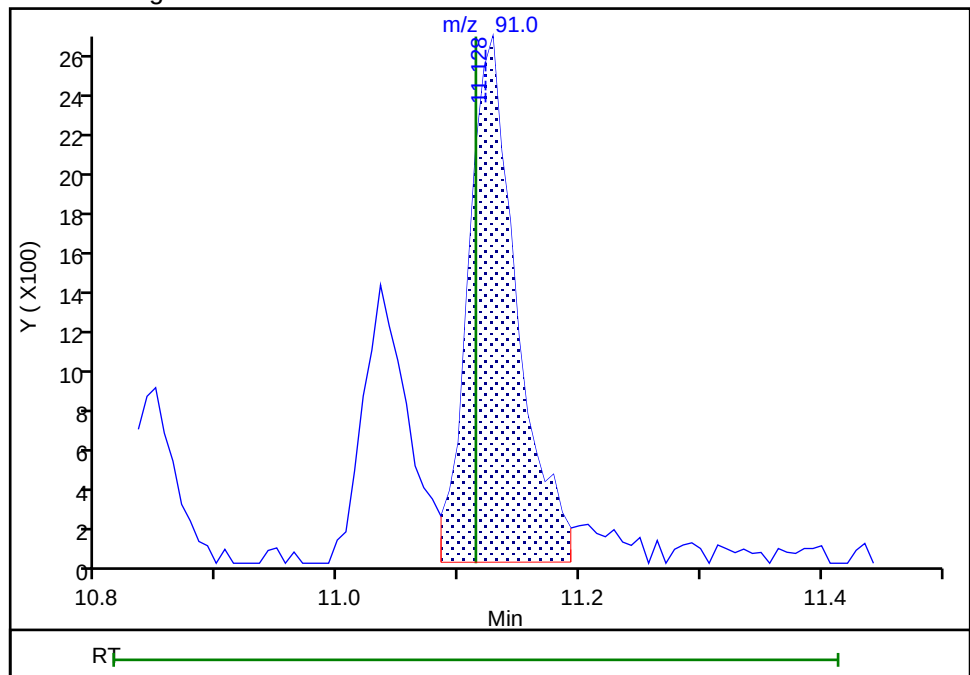
RT: 11.13
Area: 6646
Amount: 0.827950
Amount Units: ug/l

Processing Integration Results



RT: 11.13
Area: 7509
Amount: 0.895775
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:48:56

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 20-Dec-2018 08:28:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0083907-006
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:29:59 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: desais

Date: 20-Dec-2018 09:43:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	88	4645	5.00	6.00	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	98	18023	5.00	5.41	
3 Chloromethane	50	0.964	0.964	0.000	1	10871	5.00	5.15	a
5 Butadiene	54	0.985	0.985	0.000	96	15484	5.00	5.40	
4 Vinyl chloride	62	0.985	0.985	0.000	68	18076	5.00	5.40	
6 Bromomethane	94	1.143	1.143	0.000	97	8485	5.00	4.80	
7 Chloroethane	64	1.200	1.200	0.000	99	13292	5.00	5.19	
8 Trichlorofluoromethane	101	1.265	1.265	0.000	97	27460	5.00	5.29	
9 Pentane	72	1.265	1.265	0.000	95	5808	10.0	11.3	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	97	33572	5.00	5.30	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	96	23611	5.00	5.61	
12 Ethyl ether	59	1.422	1.422	0.000	94	14754	5.00	5.51	
13 Ethanol	46	1.494	1.501	-0.007	95	3871	200.0	258.7	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	98	15942	5.00	5.56	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	82	20591	5.00	5.75	
16 Carbon disulfide	76	1.544	1.537	0.007	100	46024	5.00	5.19	
17 1,1,2-Trichloro-1,2,2-trif	101	1.544	1.551	-0.007	94	15903	5.00	5.87	
18 Iodomethane	142	1.608	1.601	0.007	98	3898	5.00	1.49	
19 Cyclopentene	67	1.687	1.680	0.007	96	43357	5.00	5.72	
20 Acrolein	56	1.702	1.702	0.000	96	10058	20.0	21.5	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	86	9970	5.00	5.63	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	10395	50.0	53.5	
23 Methylene Chloride	84	1.845	1.845	0.000	94	19603	5.00	5.63	
24 Acetone	43	1.866	1.859	0.007	86	23894	25.0	27.2	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	95	17468	5.00	5.39	
26 Methyl acetate	43	1.938	1.938	0.000	99	22473	10.0	12.2	
27 Hexane	86	1.974	1.974	0.000	82	2712	5.00	5.24	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	96	53193	5.00	5.55	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	205151	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	16895	50.0	54.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.139	2.131	0.007	98	18997	50.0	56.0	
32 Isopropyl ether	45	2.224	2.224	0.000	93	58545	5.00	5.45	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	93	15835	5.00	5.40	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	34040	5.00	5.47	
35 Acrylonitrile	53	2.325	2.332	-0.007	93	61247	50.0	56.0	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	88	56997	5.00	5.38	
37 Vinyl acetate	43	2.468	2.461	0.007	100	78746	10.0	10.9	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	95	17689	5.00	5.36	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	95	24385	5.00	5.30	
40 Cyclohexane	56	2.776	2.776	0.000	91	23507	5.00	5.69	
41 Chlorobromomethane	128	2.783	2.783	0.000	92	8443	5.00	5.50	
42 Chloroform	83	2.848	2.840	0.008	98	30551	5.00	5.64	
43 Carbon tetrachloride	117	2.934	2.934	0.000	96	18925	5.00	5.15	
44 Ethyl acetate	70	2.941	2.948	-0.007	96	3678	10.0	10.6	
45 Methyl acrylate	55	2.948	2.948	0.000	77	12649	5.00	4.88	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	12413	10.0	10.7	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.976	0.001	96	113314	50.0	55.5	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	96	24955	5.00	5.43	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	212262	250.0	250.0	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	83	25446	5.00	5.34	a
50 2-Butanone (MEK)	72	3.077	3.077	0.000	97	9553	25.0	25.1	
52 Isooctane	57	3.163	3.170	-0.007	97	29465	5.00	5.78	
54 Benzene	78	3.263	3.263	0.000	97	69772	5.00	5.34	
53 n-Heptane	57	3.256	3.263	-0.007	76	7028	5.00	5.23	
55 Propionitrile	54	3.292	3.285	0.007	93	21279	50.0	53.1	
56 Methacrylonitrile	67	3.306	3.306	0.000	92	64794	50.0	53.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.370	0.001	0	147617	50.0	57.1	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	94	48540	5.00	5.37	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	96	26972	5.00	5.47	
60 Isobutyl alcohol	43	3.507	3.507	0.000	97	11985	125.0	121.8	
61 t-Amyl alcohol	59	3.571	3.571	0.000	93	8794	50.0	47.5	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	397680	50.0	50.0	
63 Isopropyl acetate	43	3.679	3.679	0.000	98	30442	5.00	5.46	
64 Methylcyclohexane	83	3.736	3.736	0.000	94	19372	5.00	5.50	
65 Trichloroethene	130	3.757	3.757	0.000	97	18232	5.00	5.52	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	94	40878	5.00	5.29	
67 Dibromomethane	93	4.130	4.130	0.000	95	11604	5.00	5.70	
68 n-Butanol	56	4.144	4.144	0.000	89	6554	125.0	89.7	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	88	18240	5.00	5.56	
71 Ethyl acrylate	55	4.302	4.295	0.007	76	18758	5.00	5.30	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	22003	5.00	5.31	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	22616	1000.0	1000.0	
73 Methyl methacrylate	100	4.502	4.495	0.007	87	8737	10.0	11.0	
74 1,4-Dioxane	88	4.517	4.509	0.008	93	3638	100.0	100.7	
75 n-Propyl acetate	43	4.660	4.653	0.007	99	20670	5.00	5.28	
76 2-Chloroethyl vinyl ether	63	4.918	4.911	0.007	96	10270	5.00	5.36	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	98	24828	5.00	5.19	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	485985	50.0	55.6	
79 Toluene	91	5.197	5.197	0.000	93	79124	5.00	5.45	
80 Epichlorohydrin	57	5.226	5.240	-0.014	98	26871	100.0	101.0	
81 2-Nitropropane	41	5.448	5.448	0.000	98	5796	10.0	7.06	
82 Tetrachloroethene	166	5.620	5.620	0.000	96	17646	5.00	5.46	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.663	5.663	0.000	97	73808	25.0	26.2	
84 trans-1,3-Dichloropropene	75	5.699	5.699	0.001	97	20267	5.00	4.82	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	12841	5.00	5.41	
86 Ethyl methacrylate	69	5.956	5.949	0.007	91	19154	5.00	5.32	
87 Chlorodibromomethane	129	6.071	6.071	0.000	96	14522	5.00	5.02	
88 1,3-Dichloropropane	76	6.186	6.186	0.000	93	27175	5.00	5.45	
89 Ethylene Dibromide	107	6.322	6.315	0.007	98	15228	5.00	5.47	
90 n-Butyl acetate	43	6.666	6.658	0.008	97	20288	5.00	4.83	
91 2-Hexanone	43	6.730	6.723	0.007	96	48335	25.0	26.5	a
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	353317	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	94	49755	5.00	5.42	
94 Ethylbenzene	106	7.110	7.110	0.000	99	26514	5.00	5.49	a
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	91	14323	5.00	4.84	
96 m-Xylene & p-Xylene	106	7.339	7.332	0.007	0	30040	5.00	5.31	a
97 o-Xylene	106	7.919	7.919	0.000	93	30692	5.00	5.37	a
98 Bromoform	173	7.984	7.984	0.000	94	8037	5.00	4.83	
99 Styrene	104	8.012	8.005	0.007	93	46708	5.00	5.12	
100 n-Butyl acrylate	73	8.335	8.327	0.008	98	8013	5.00	3.42	
101 Isopropylbenzene	105	8.406	8.399	0.007	96	73549	5.00	5.46	
102 Amyl acetate (mixed isomer)	43	8.750	8.743	0.007	91	21918	5.00	4.69	a
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	89	153796	50.0	55.1	
104 Bromobenzene	156	8.886	8.886	0.000	95	21730	5.00	5.36	
105 N-Propylbenzene	91	9.037	9.036	0.001	99	81634	5.00	5.55	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	96	18972	5.00	5.30	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	60835	5.00	5.38	
108 4-Ethyltoluene	105	9.230	9.230	0.000	97	70241	5.00	5.51	
109 1,2,3-Trichloropropane	110	9.323	9.316	0.007	95	5945	5.00	5.48	
110 1,3,5-Trimethylbenzene	105	9.388	9.387	0.001	92	57191	5.00	5.55	
111 trans-1,4-Dichloro-2-buten	53	9.452	9.445	0.007	71	3414	5.00	3.25	
112 4-Chlorotoluene	91	9.481	9.481	0.000	98	54884	5.00	5.28	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	44663	5.00	5.44	
115 Butyl Methacrylate	87	9.989	9.982	0.007	46	12430	5.00	2.94	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	97	60560	5.00	5.37	
116 sec-Butylbenzene	105	10.140	10.140	0.000	98	59586	5.00	5.33	
117 1,3-Dichlorobenzene	146	10.412	10.405	0.007	94	34977	5.00	5.26	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	51690	5.00	5.28	
* 119 1,4-Dichlorobenzene-d4	152	10.534	10.541	-0.007	96	198724	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	93	39149	5.00	5.36	
121 1,2,3-Trimethylbenzene	105	10.670	10.662	0.008	99	65875	5.00	5.40	
122 2,3-Dihydroindene	117	10.842	10.842	0.000	93	68565	5.00	5.55	
123 Benzyl chloride	126	11.021	11.013	0.008	94	2741	5.00	2.45	
124 p-Diethylbenzene	119	11.035	11.035	0.000	90	25598	5.00	5.32	
125 n-Butylbenzene	91	11.121	11.114	0.007	98	39408	5.00	5.06	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	94	35988	5.00	5.47	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	43195	5.00	5.12	
128 1,2-Dibromo-3-Chloropropan	157	12.296	12.289	0.008	85	2932	5.00	4.91	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	96	20143	5.00	5.23	
130 1,2,4-Trichlorobenzene	180	13.019	13.012	0.007	94	18498	5.00	5.20	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	94	7561	5.00	5.32	
132 Naphthalene	128	13.313	13.306	0.007	99	33220	5.00	4.28	
133 1,2,3-Trichlorobenzene	180	13.478	13.478	0.000	94	16836	5.00	5.13	
S 134 1,2-Dichloroethene, Total	100				0		10.0	10.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		10.0	10.0	
S 136 Xylenes, Total	100				0		10.0	10.7	
S 137 Total BTEX	1				0		25.0	27.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00084	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 10.00	Units: uL	
GASES Li_00292	Amount Added: 10.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D

Injection Date: 20-Dec-2018 08:28:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

Worklist Smp#: 6

Purge Vol: 5.000 mL

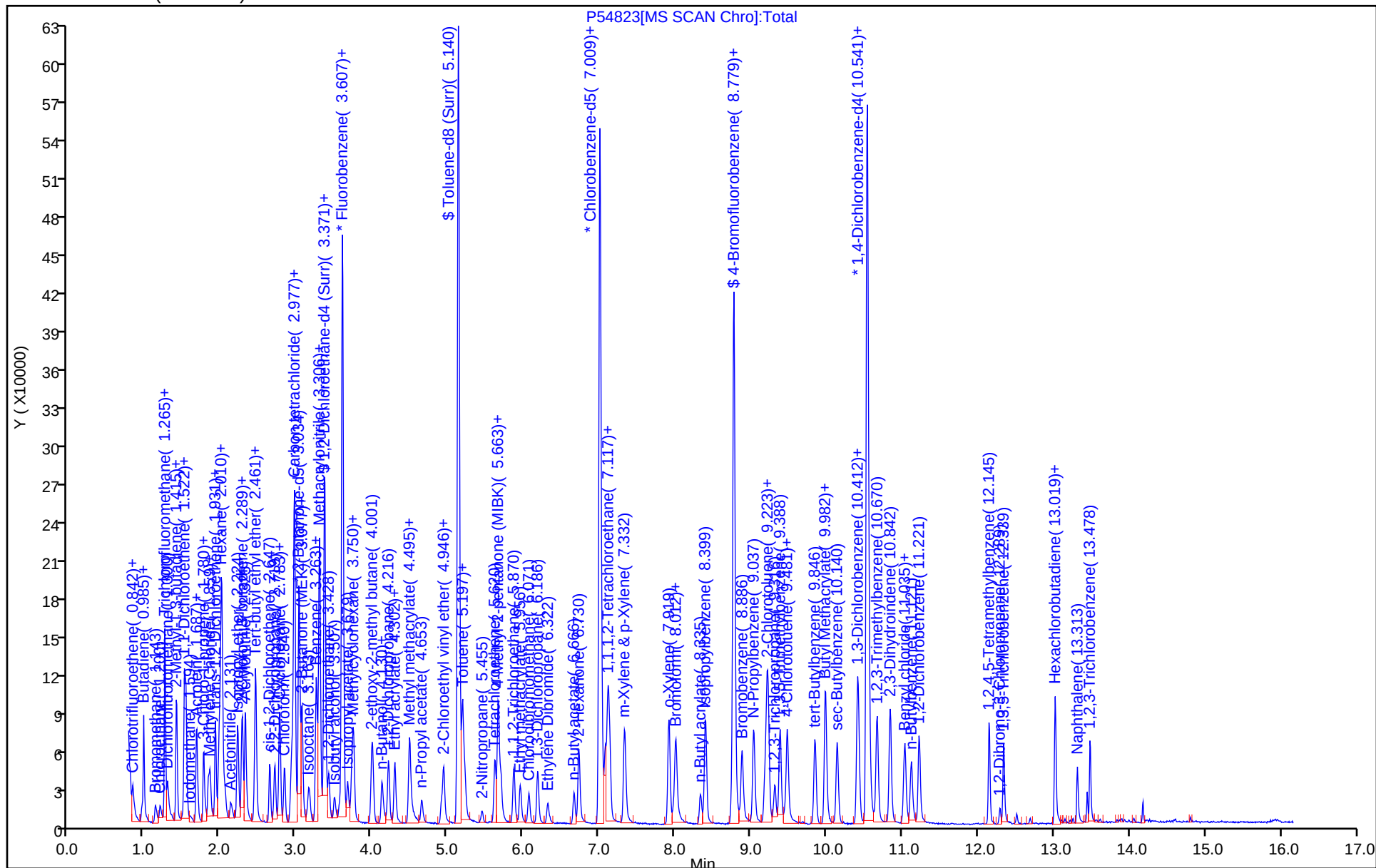
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D

Injection Date: 20-Dec-2018 08:28:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

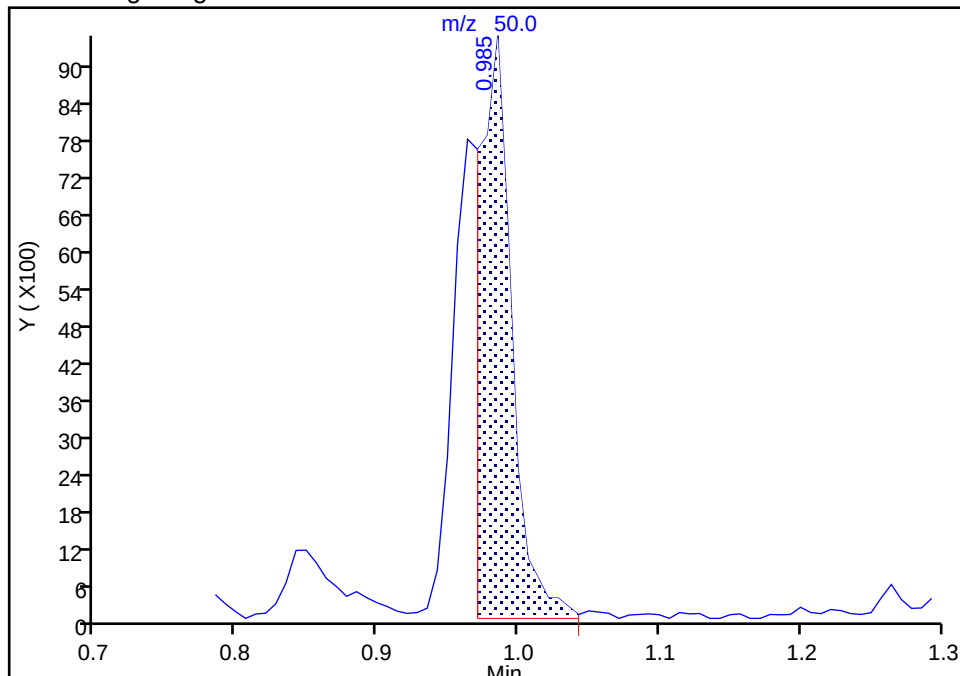
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

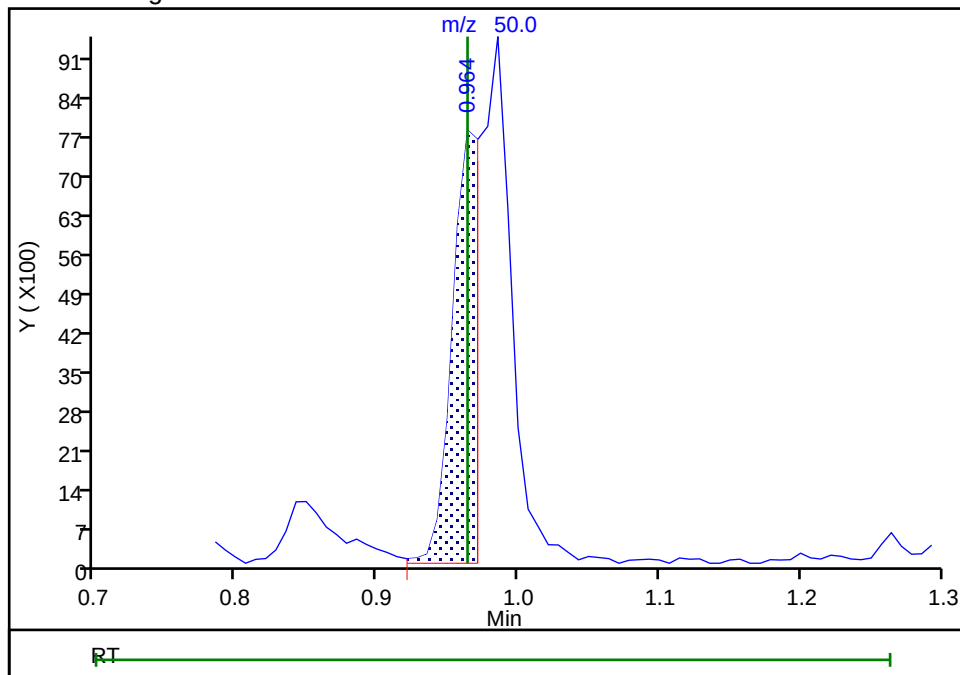
RT: 0.99
Area: 15638
Amount: 6.492023
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 10871
Amount: 5.148540
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:42:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D

Injection Date: 20-Dec-2018 08:28:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

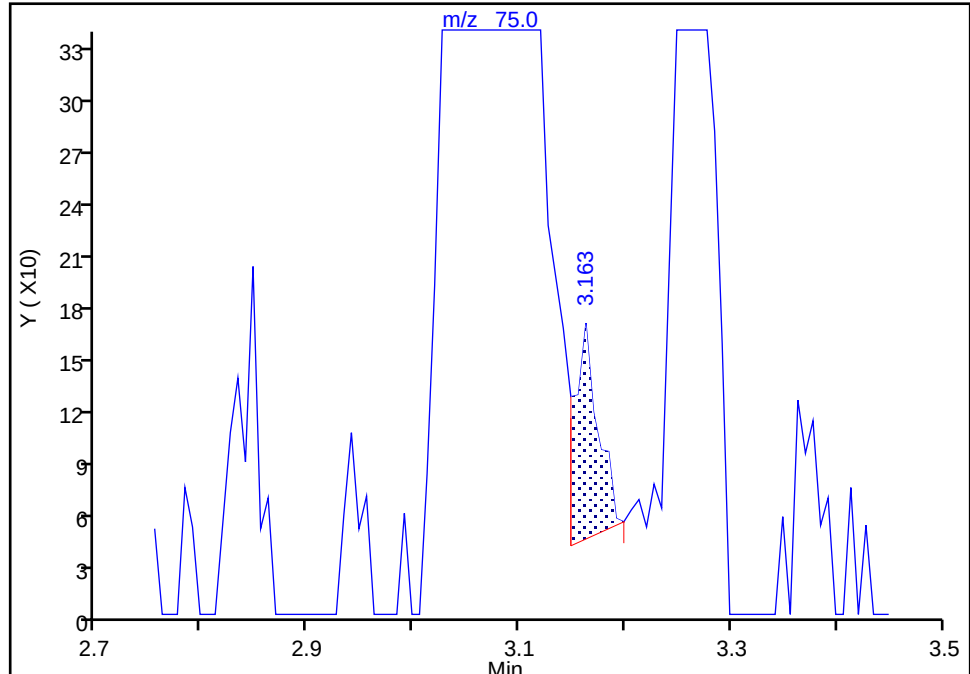
MS SCAN

51 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

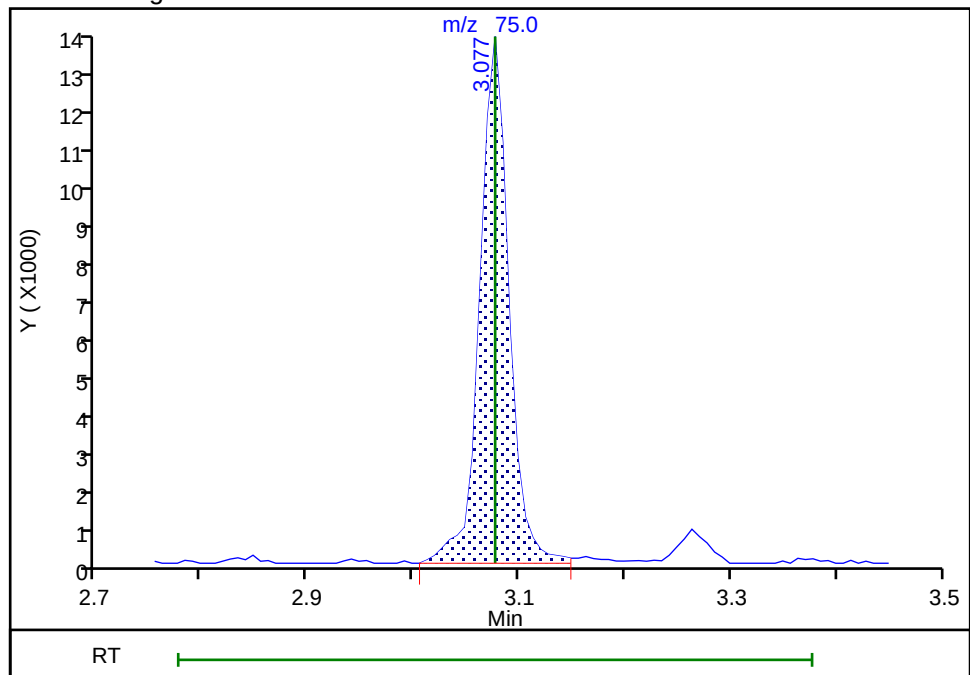
RT: 3.16
Area: 201
Amount: 0.050176
Amount Units: ug/l

Processing Integration Results



RT: 3.08
Area: 25446
Amount: 5.342649
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:43:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D

Injection Date: 20-Dec-2018 08:28:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

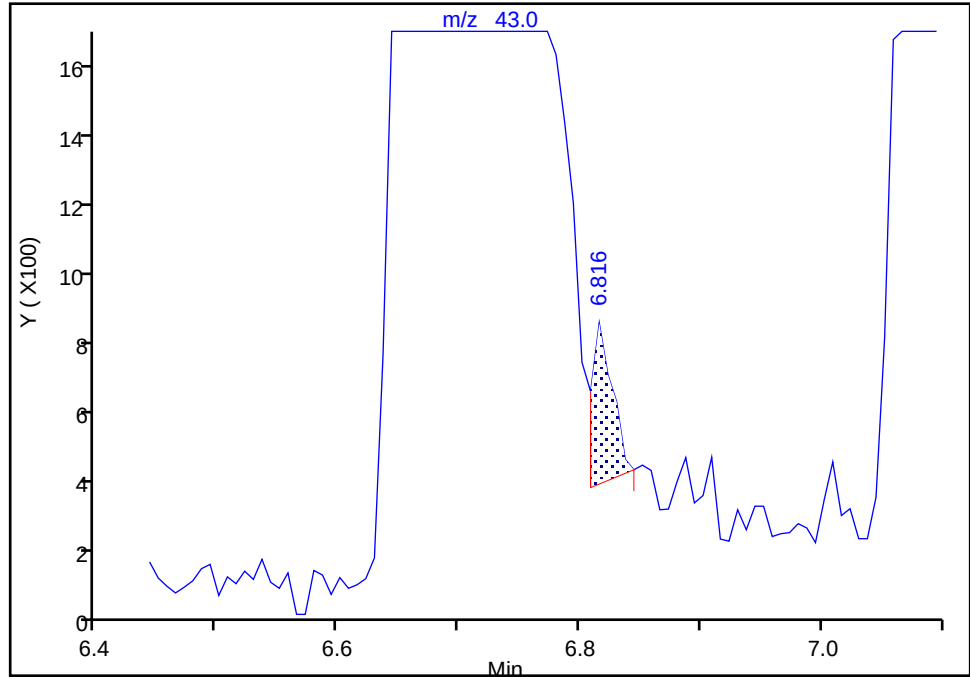
MS SCAN

91 2-Hexanone, CAS: 591-78-6

Signal: 1

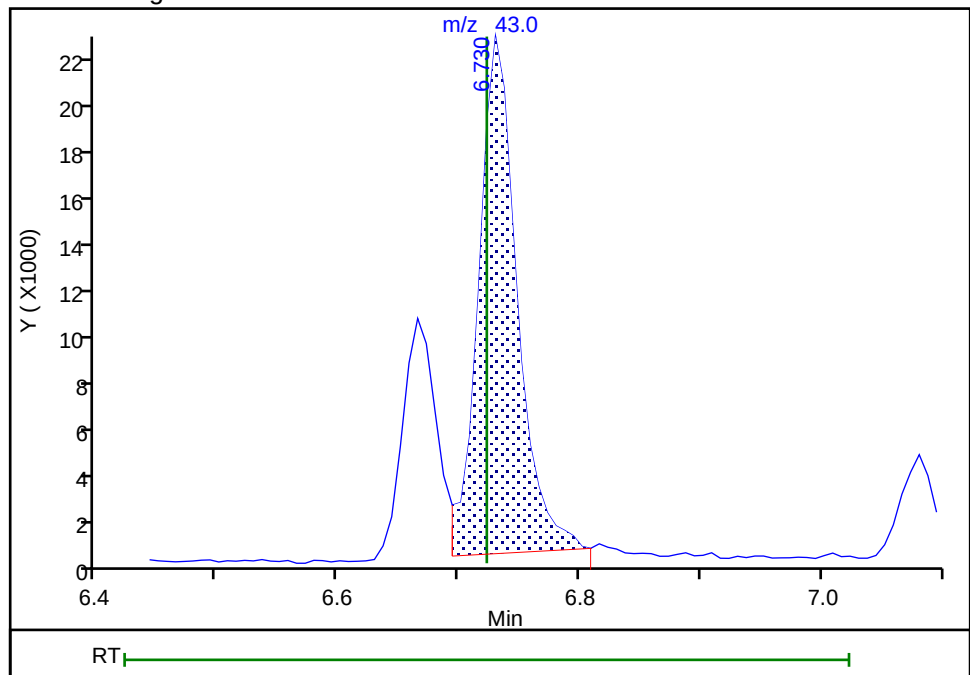
RT: 6.82
Area: 544
Amount: 0.277726
Amount Units: ug/l

Processing Integration Results



RT: 6.73
Area: 48335
Amount: 26.530125
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:43:17

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D

Injection Date: 20-Dec-2018 08:28:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

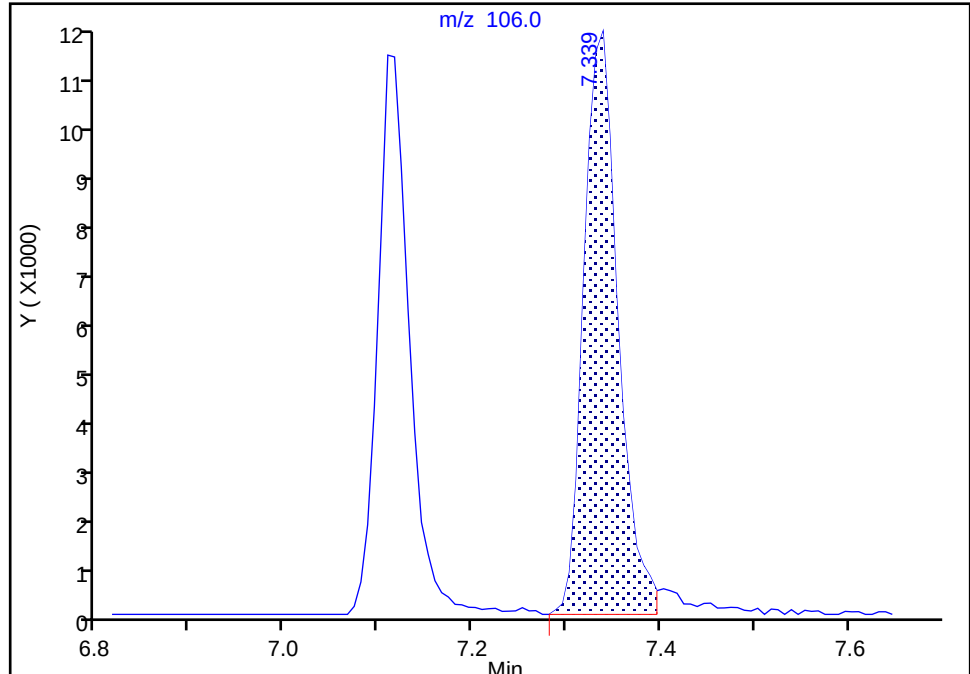
Detector: MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Signal: 1

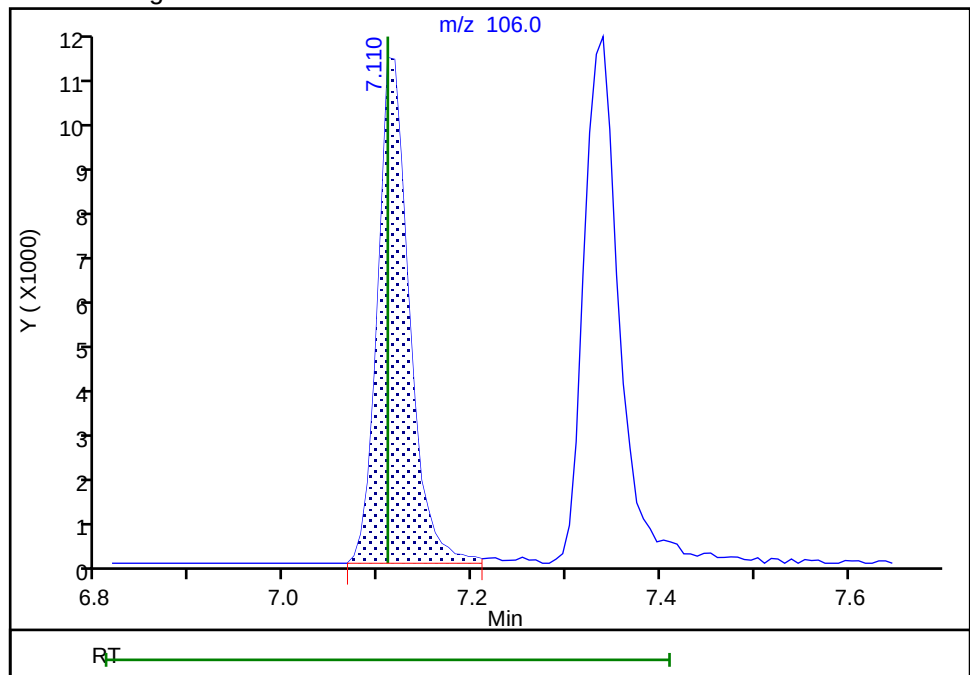
RT: 7.34
Area: 30040
Amount: 5.911832
Amount Units: ug/l

Processing Integration Results



RT: 7.11
Area: 26514
Amount: 5.493332
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:43:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D

Injection Date: 20-Dec-2018 08:28:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

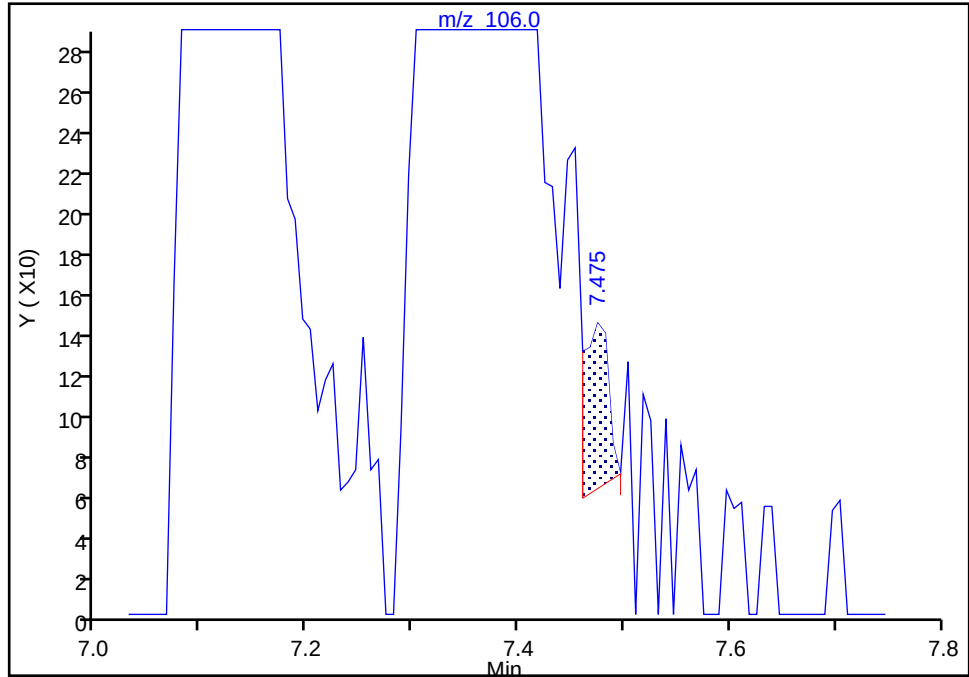
MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

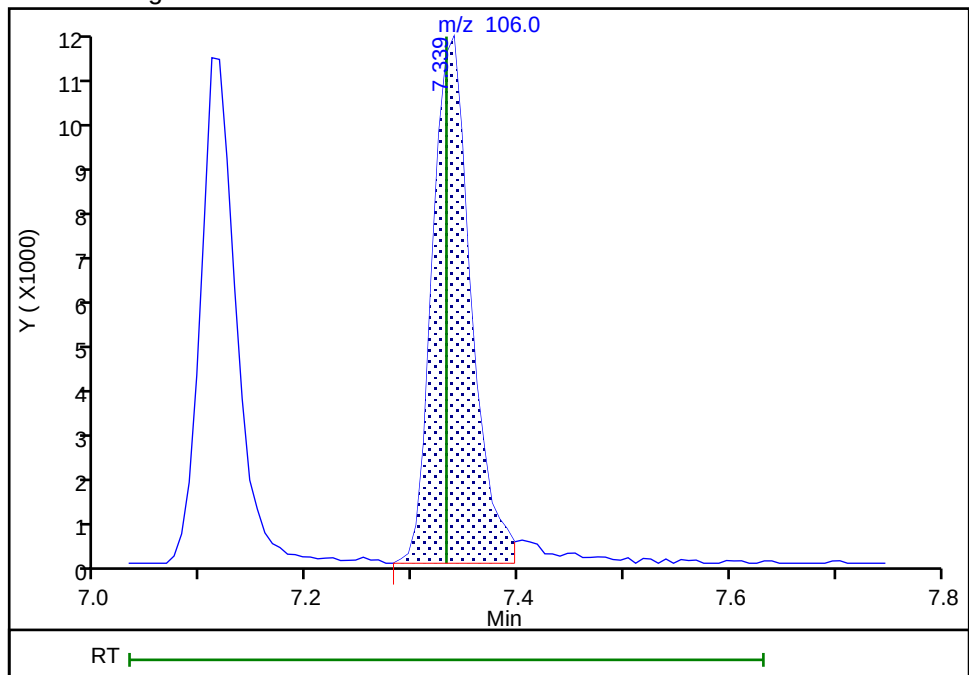
RT: 7.47
Area: 136
Amount: 0.024384
Amount Units: ug/l

Processing Integration Results



RT: 7.34
Area: 30040
Amount: 5.310561
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:43:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D

Injection Date: 20-Dec-2018 08:28:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

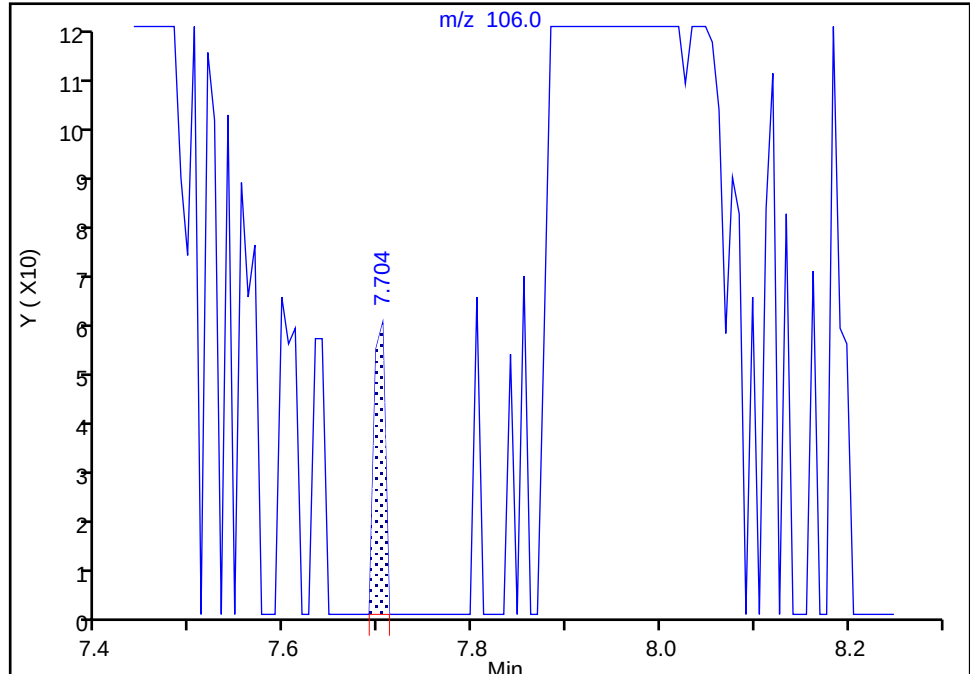
Detector: MS SCAN

97 o-Xylene, CAS: 95-47-6

Signal: 1

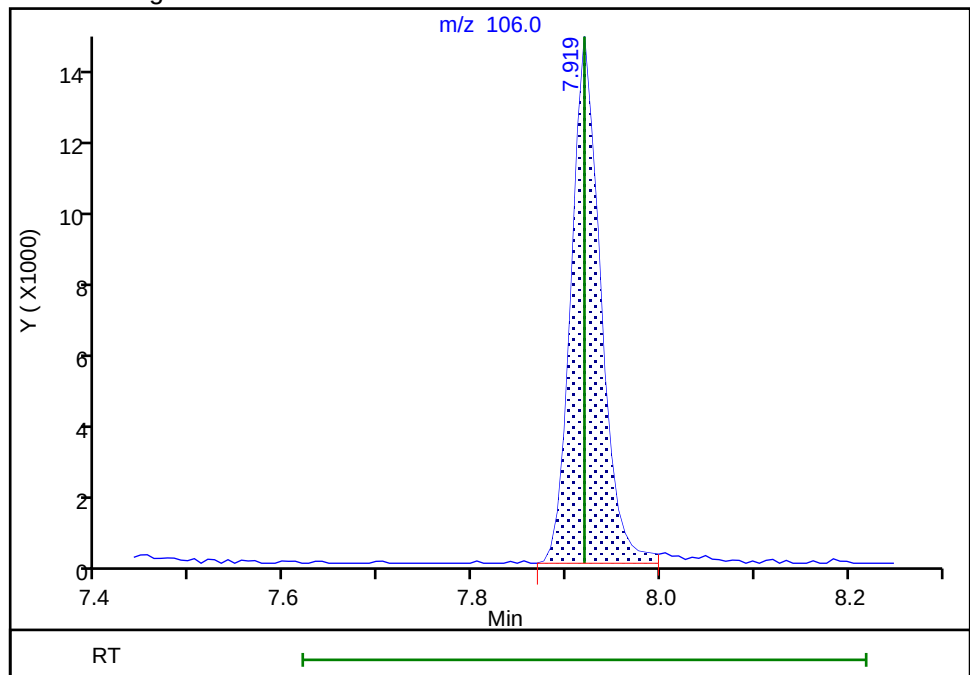
RT: 7.70
Area: 46
Amount: 0.008368
Amount Units: ug/l

Processing Integration Results



RT: 7.92
Area: 30692
Amount: 5.367348
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:43:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54823.D

Injection Date: 20-Dec-2018 08:28:30

Instrument ID: CVOAMS13

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

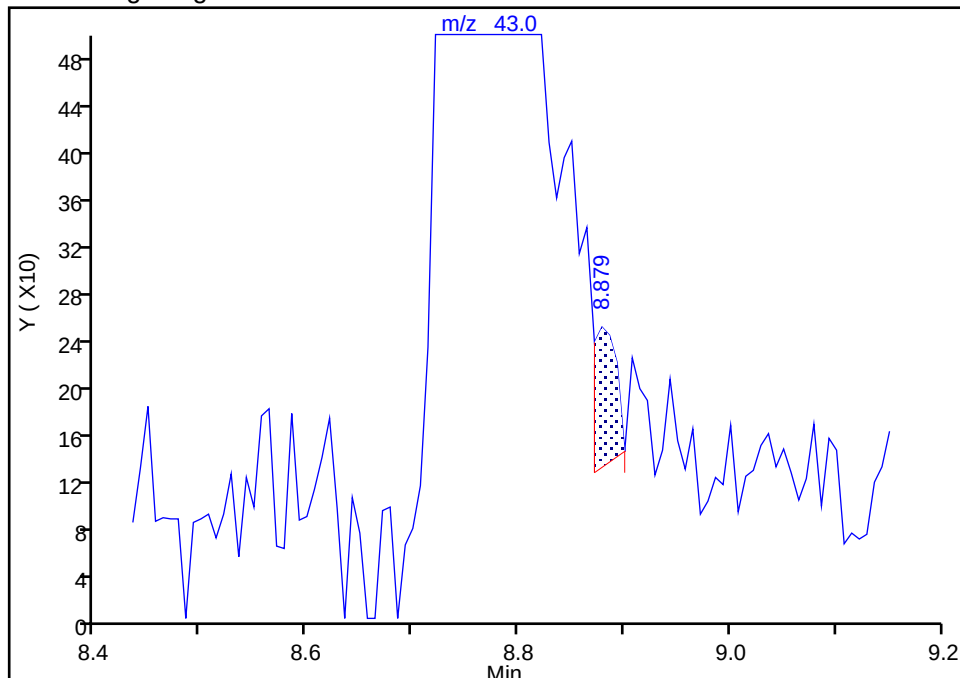
MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

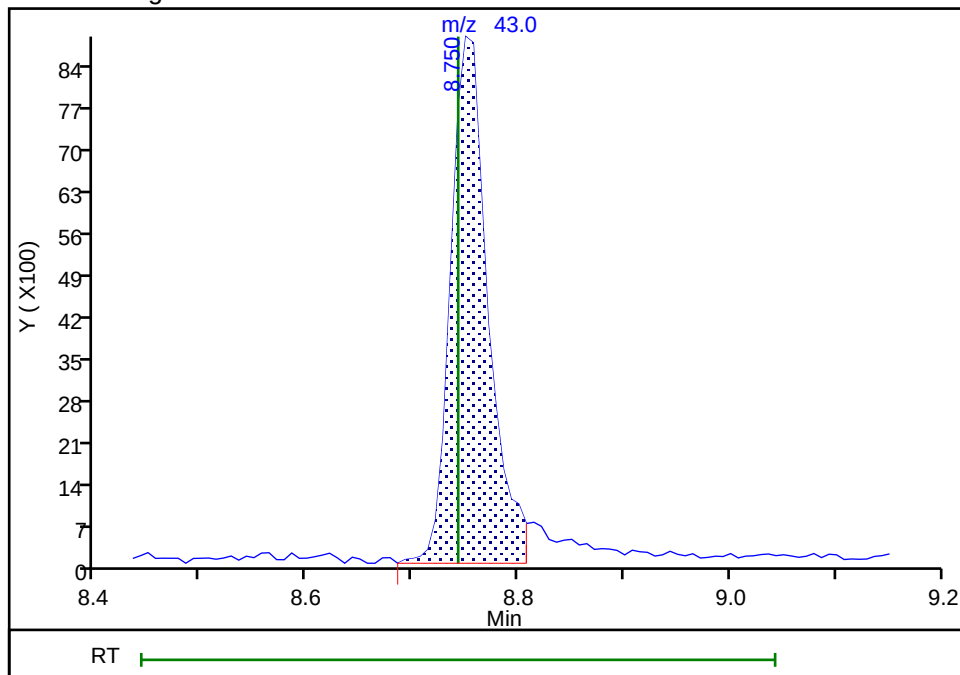
RT: 8.88
Area: 178
Amount: 0.032812
Amount Units: ug/l

Processing Integration Results



RT: 8.75
Area: 21918
Amount: 4.687329
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:43:41

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54824.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 20-Dec-2018 08:53:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0083907-007
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:30:28 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: desais

Date: 20-Dec-2018 09:20:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	91	18016	20.0	19.8	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	67415	20.0	17.2	
3 Chloromethane	50	0.964	0.964	0.000	26	39295	20.0	15.9	a
5 Butadiene	54	0.985	0.985	0.000	98	58154	20.0	17.3	
4 Vinyl chloride	62	0.985	0.985	0.000	53	70754	20.0	18.0	
6 Bromomethane	94	1.143	1.143	0.000	98	39742	20.0	18.9	
7 Chloroethane	64	1.200	1.200	0.000	99	55951	20.0	18.6	
9 Pentane	72	1.265	1.265	0.000	95	22066	40.0	37.5	
8 Trichlorofluoromethane	101	1.265	1.265	0.000	74	110911	20.0	18.2	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	137620	20.0	18.5	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	99	91191	20.0	18.5	
12 Ethyl ether	59	1.422	1.422	0.000	94	58939	20.0	18.8	
13 Ethanol	46	1.501	1.501	0.000	100	14786	800.0	859.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	80	82475	20.0	19.6	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	61453	20.0	18.3	
16 Carbon disulfide	76	1.537	1.537	0.000	100	189251	20.0	18.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	95	59953	20.0	18.9	
18 Iodomethane	142	1.601	1.601	0.000	99	30820	20.0	10.0	
19 Cyclopentene	67	1.680	1.680	0.000	96	161608	20.0	18.2	
20 Acrolein	56	1.702	1.702	0.000	96	20432	40.0	38.1	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	88	38655	20.0	18.6	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	39514	200.0	177.4	
23 Methylene Chloride	84	1.845	1.845	0.000	95	75369	20.0	18.5	
24 Acetone	43	1.859	1.859	0.000	86	90323	100.0	91.7	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	96	71332	20.0	18.8	
26 Methyl acetate	43	1.938	1.938	0.000	100	85151	40.0	40.2	
27 Hexane	86	1.974	1.974	0.000	95	11858	20.0	19.5	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	97	216439	20.0	19.3	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	235333	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	98	63722	200.0	179.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	98	72885	200.0	187.4	
32 Isopropyl ether	45	2.224	2.224	0.000	94	239018	20.0	19.0	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	94	63261	20.0	18.4	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	135898	20.0	18.6	
35 Acrylonitrile	53	2.325	2.325	0.000	92	243756	200.0	189.9	
37 Vinyl acetate	43	2.461	2.461	0.000	99	336804	40.0	39.7	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	89	233154	20.0	18.8	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	95	71764	20.0	18.5	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	96744	20.0	17.9	
40 Cyclohexane	56	2.776	2.776	0.000	91	90037	20.0	18.6	
41 Chlorobromomethane	128	2.783	2.783	0.000	93	34396	20.0	19.1	
42 Chloroform	83	2.840	2.840	0.000	97	119093	20.0	18.7	
43 Carbon tetrachloride	117	2.934	2.934	0.000	96	78631	20.0	18.3	
45 Methyl acrylate	55	2.948	2.948	0.000	94	53422	20.0	17.6	
44 Ethyl acetate	70	2.948	2.948	0.000	99	14912	40.0	37.0	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	49644	40.0	36.9	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.977	0.000	96	114807	50.0	48.0	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	100297	20.0	18.6	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	246047	250.0	250.0	
50 2-Butanone (MEK)	72	3.077	3.077	0.000	100	39346	100.0	89.1	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	94	94603	20.0	16.9	
52 Isooctane	57	3.170	3.170	0.000	98	111655	20.0	18.7	
53 n-Heptane	57	3.263	3.263	0.000	78	27638	20.0	17.5	
54 Benzene	78	3.263	3.263	0.000	96	281772	20.0	18.5	
55 Propionitrile	54	3.285	3.285	0.000	98	87127	200.0	189.5	
56 Methacrylonitrile	67	3.306	3.306	0.000	93	271400	200.0	189.1	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.371	0.000	0	145329	50.0	47.9	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	98	201170	20.0	19.0	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	104252	20.0	18.0	
60 Isobutyl alcohol	43	3.507	3.507	0.000	98	53608	500.0	475.0	
61 t-Amyl alcohol	59	3.571	3.571	0.000	95	37979	200.0	178.8	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	466377	50.0	50.0	
63 Isopropyl acetate	43	3.679	3.679	0.000	98	122409	20.0	18.7	
64 Methylcyclohexane	83	3.736	3.736	0.000	96	77416	20.0	18.8	
65 Trichloroethene	130	3.757	3.757	0.000	97	72252	20.0	18.6	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	93	174755	20.0	19.3	
67 Dibromomethane	93	4.130	4.130	0.000	96	46082	20.0	19.3	
68 n-Butanol	56	4.144	4.144	0.000	92	33418	500.0	397.4	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	85	72271	20.0	18.8	
71 Ethyl acrylate	55	4.295	4.295	0.000	97	80848	20.0	19.5	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	92824	20.0	19.1	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	23880	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	89	37613	40.0	40.2	
74 1,4-Dioxane	88	4.509	4.509	0.000	92	15934	400.0	417.7	
75 n-Propyl acetate	43	4.653	4.653	0.000	98	88472	20.0	19.3	
76 2-Chloroethyl vinyl ether	63	4.911	4.911	0.000	96	45976	20.0	20.4	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	106035	20.0	19.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	497306	50.0	48.7	
79 Toluene	91	5.197	5.197	0.000	93	316802	20.0	18.7	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	119397	400.0	387.2	
81 2-Nitropropane	41	5.448	5.448	0.000	98	29263	40.0	30.3	
82 Tetrachloroethene	166	5.620	5.620	0.000	96	69404	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.663	5.663	0.000	98	319444	100.0	98.0	
84 trans-1,3-Dichloropropene	75	5.699	5.699	0.000	93	96262	20.0	18.9	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	52719	20.0	19.0	
86 Ethyl methacrylate	69	5.949	5.949	0.000	89	85185	20.0	20.2	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	64688	20.0	19.1	
88 1,3-Dichloropropane	76	6.186	6.186	0.000	94	112646	20.0	19.3	
89 Ethylene Dibromide	107	6.315	6.315	0.000	98	63903	20.0	19.6	
90 n-Butyl acetate	43	6.658	6.658	0.000	98	96510	20.0	19.6	
91 2-Hexanone	43	6.723	6.723	0.000	97	217152	100.0	102.8	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	413104	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	95	203242	20.0	18.9	
94 Ethylbenzene	106	7.110	7.110	0.000	99	106520	20.0	18.9	a
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	93	64238	20.0	18.6	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	129839	20.0	19.6	a
97 o-Xylene	106	7.919	7.919	0.000	94	131680	20.0	19.7	a
98 Bromoform	173	7.984	7.984	0.000	95	37934	20.0	18.7	
99 Styrene	104	8.005	8.005	0.000	94	216717	20.0	20.3	
100 n-Butyl acrylate	73	8.327	8.327	0.000	96	42295	20.0	15.4	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	298692	20.0	19.0	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	90	111821	20.0	19.5	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	90	160455	50.0	49.1	
104 Bromobenzene	156	8.886	8.886	0.000	95	88236	20.0	18.4	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	341730	20.0	19.7	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	97	79798	20.0	18.9	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	259349	20.0	19.4	
108 4-Ethyltoluene	105	9.230	9.230	0.000	98	292842	20.0	19.4	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	96	25015	20.0	19.5	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	240562	20.0	19.8	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	80	18973	20.0	15.2	
112 4-Chlorotoluene	91	9.481	9.481	0.000	98	238745	20.0	19.5	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	186861	20.0	19.3	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	260087	20.0	19.5	
115 Butyl Methacrylate	87	9.982	9.982	0.000	52	71396	20.0	14.2	
116 sec-Butylbenzene	105	10.140	10.140	0.000	98	250924	20.0	19.0	
117 1,3-Dichlorobenzene	146	10.405	10.405	0.000	94	153199	20.0	19.5	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	223440	20.0	19.3	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	96	234769	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.555	10.555	0.000	94	158016	20.0	18.3	
121 1,2,3-Trimethylbenzene	105	10.662	10.662	0.000	99	280309	20.0	19.4	
122 2,3-Dihydroindene	117	10.842	10.842	0.000	94	289041	20.0	19.8	
123 Benzyl chloride	126	11.013	11.013	0.000	97	16531	20.0	12.4	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	112956	20.0	19.9	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	180584	20.0	19.6	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	150728	20.0	19.4	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	198772	20.0	20.0	
128 1,2-Dibromo-3-Chloropropan	157	12.289	12.289	0.000	91	13743	20.0	18.8	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	96	87530	20.0	19.2	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	93	82450	20.0	19.6	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	95	30783	20.0	18.3	
132 Naphthalene	128	13.306	13.306	0.000	99	167564	20.0	18.3	
133 1,2,3-Trichlorobenzene	180	13.478	13.478	0.000	95	76857	20.0	19.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		40.0	37.8	
S 136 Xylenes, Total	100				0		40.0	39.3	
S 137 Total BTEX	1				0		100.0	95.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00084	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 20.00	Units: uL	
GASES Li_00292	Amount Added: 20.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54824.D

Injection Date: 20-Dec-2018 08:53:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD20

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

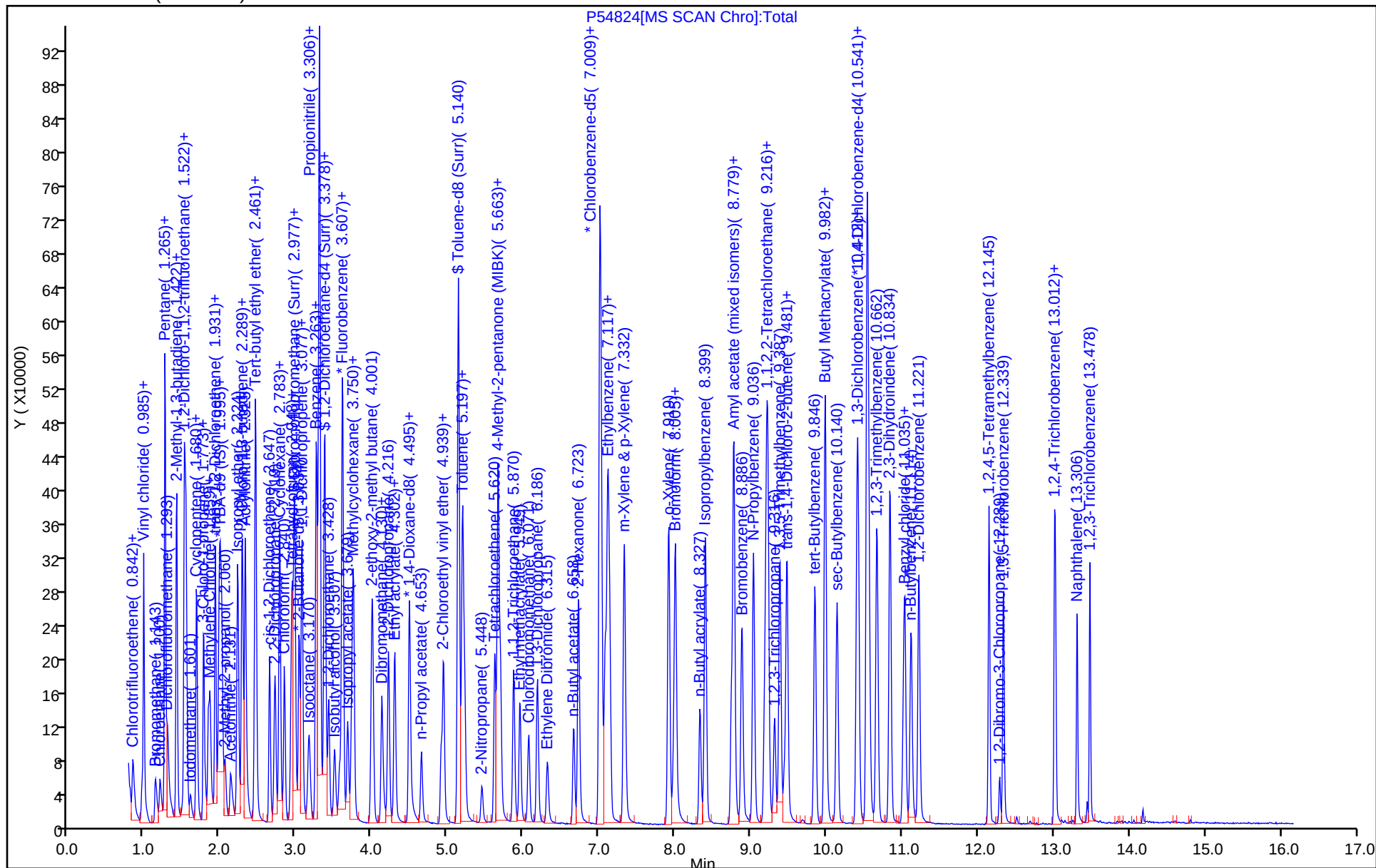
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54824.D

Injection Date: 20-Dec-2018 08:53:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

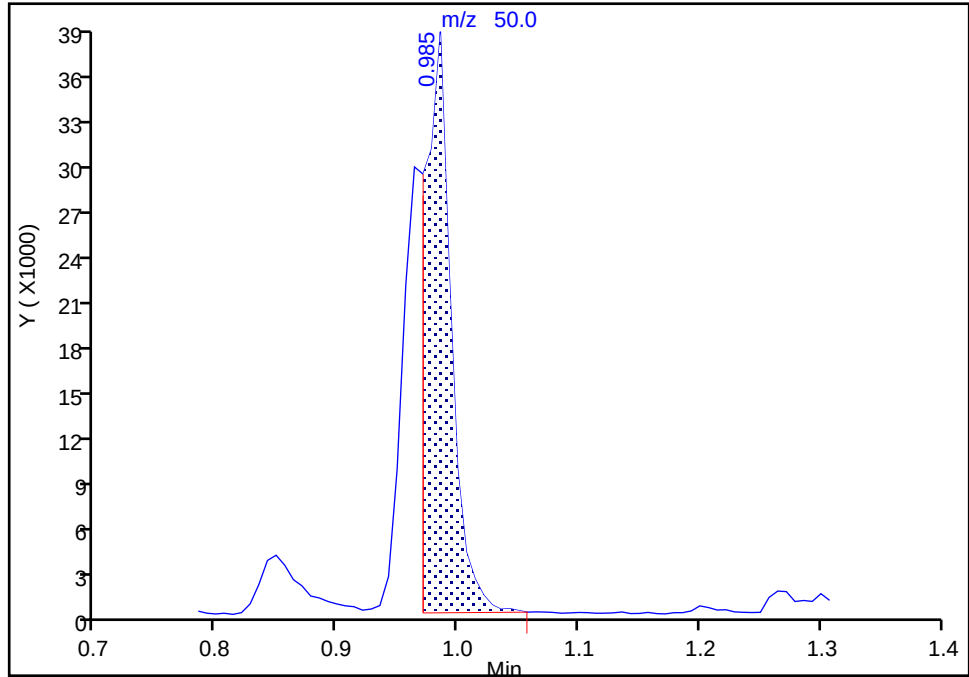
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

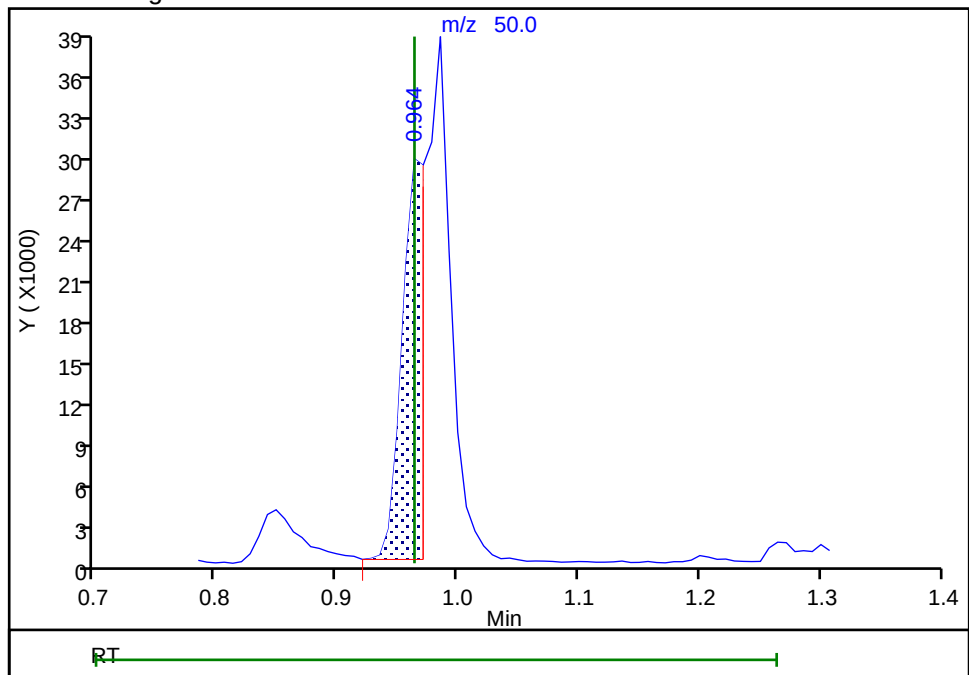
RT: 0.99
Area: 59495
Amount: 21.581732
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 39295
Amount: 15.868962
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:18:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54824.D

Injection Date: 20-Dec-2018 08:53:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

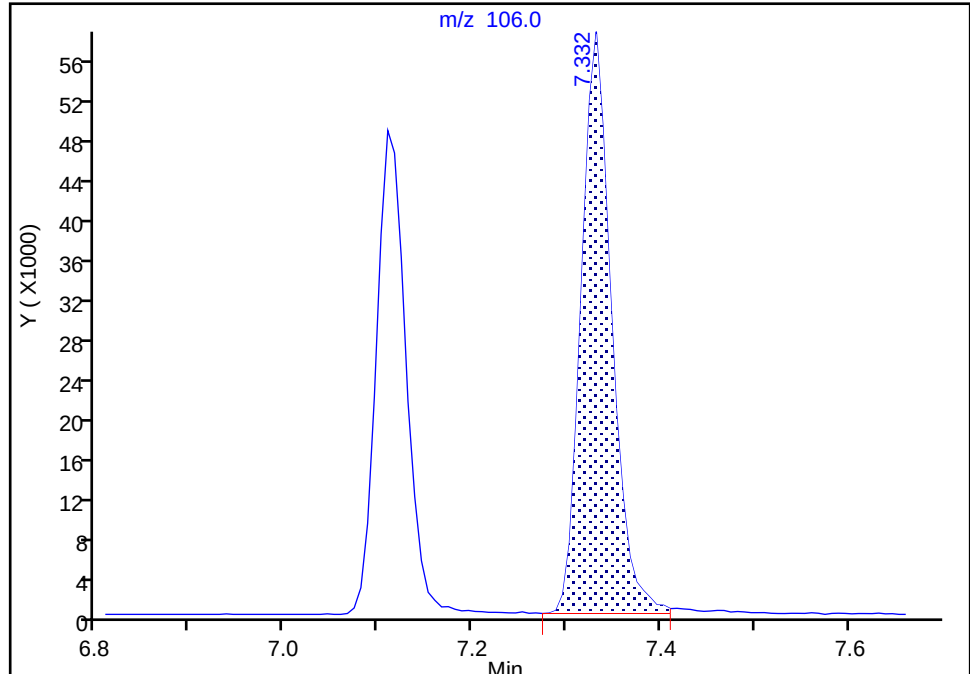
Detector: MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Signal: 1

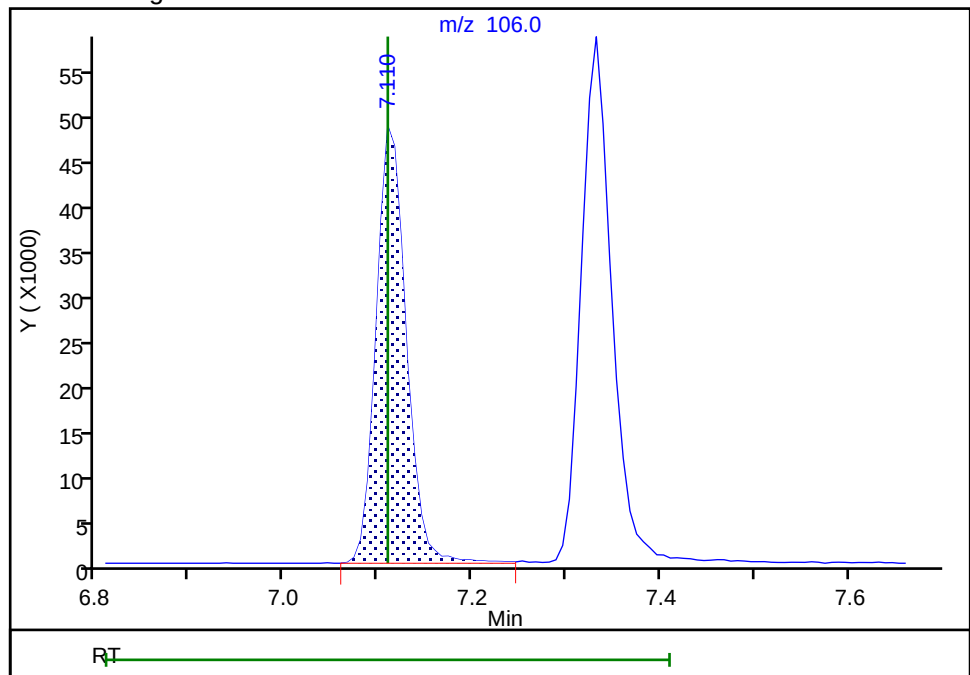
RT: 7.33
Area: 129839
Amount: 19.843998
Amount Units: ug/l

Processing Integration Results



RT: 7.11
Area: 106520
Amount: 18.875433
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:17:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54824.D

Injection Date: 20-Dec-2018 08:53:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

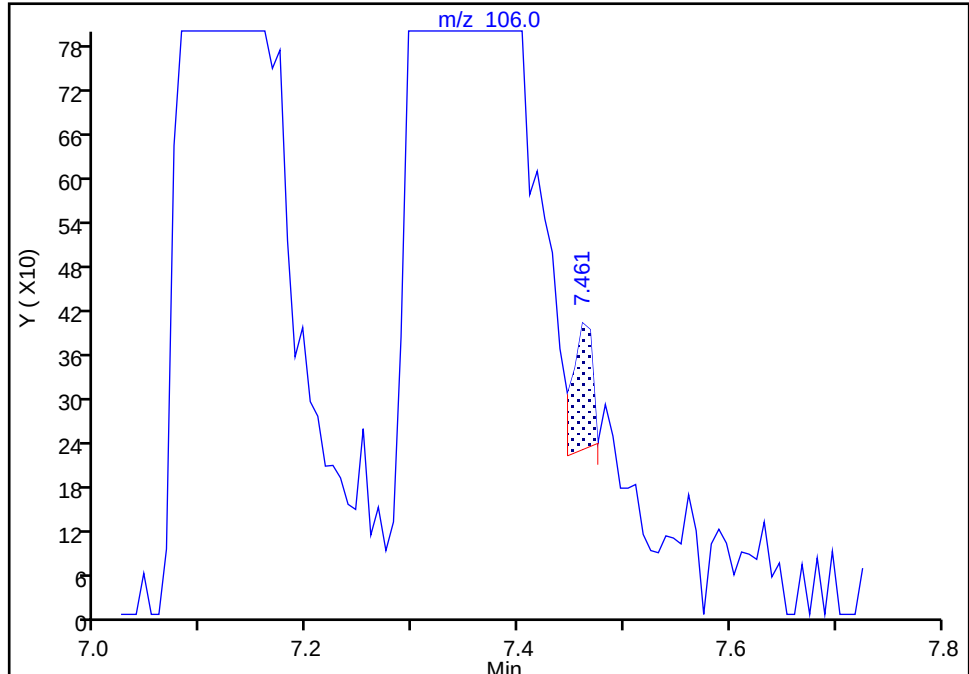
MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

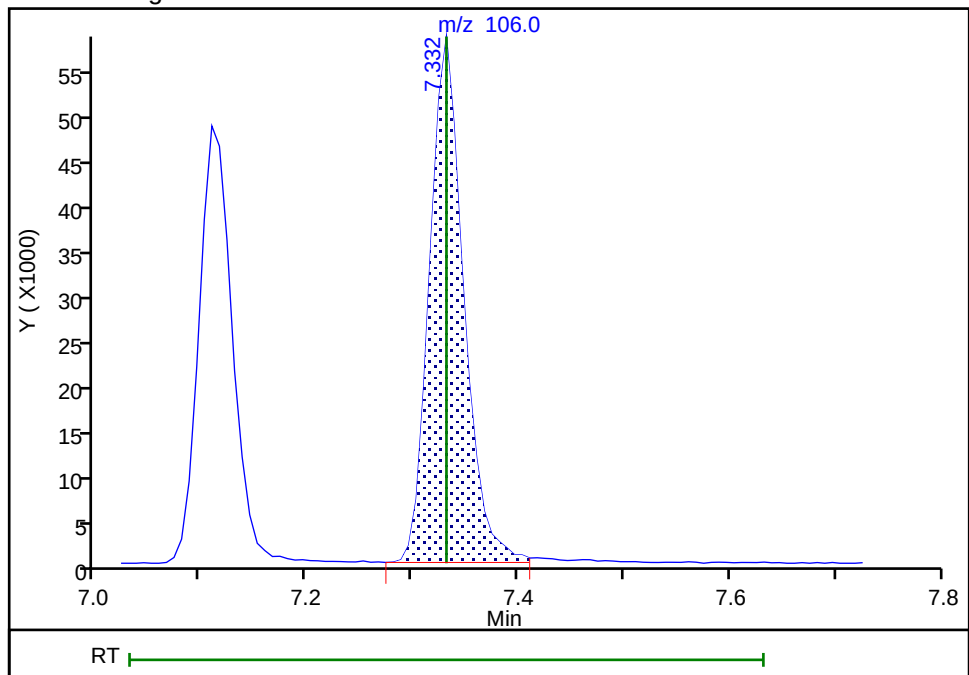
RT: 7.46
Area: 228
Amount: 2.250723
Amount Units: ug/l

Processing Integration Results



RT: 7.33
Area: 129839
Amount: 19.631377
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:17:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54824.D

Injection Date: 20-Dec-2018 08:53:30

Instrument ID: CVOAMS13

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

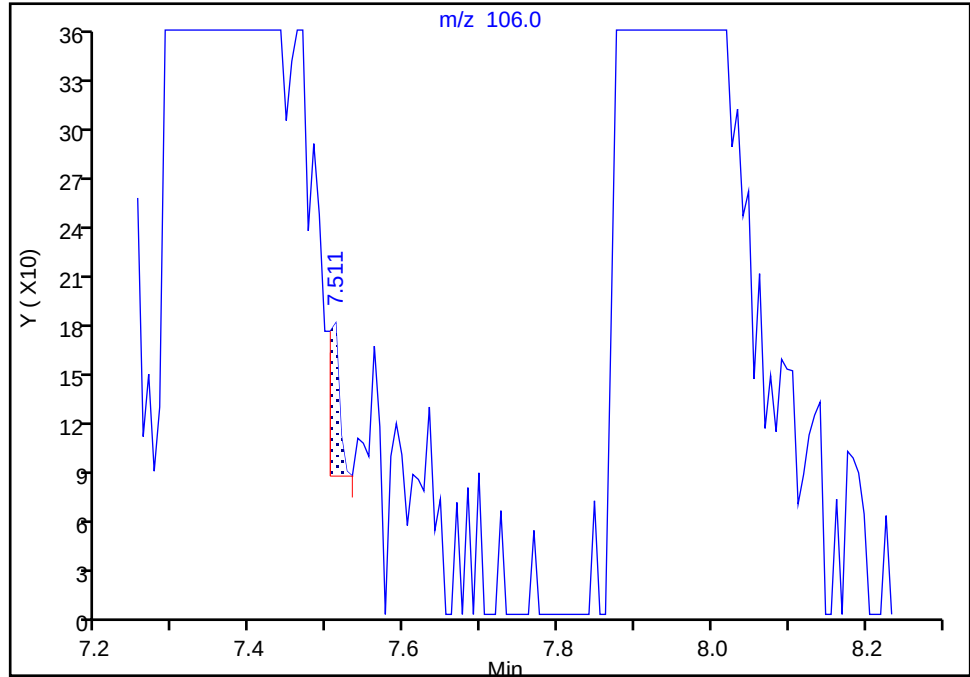
Detector: MS SCAN

97 o-Xylene, CAS: 95-47-6

Signal: 1

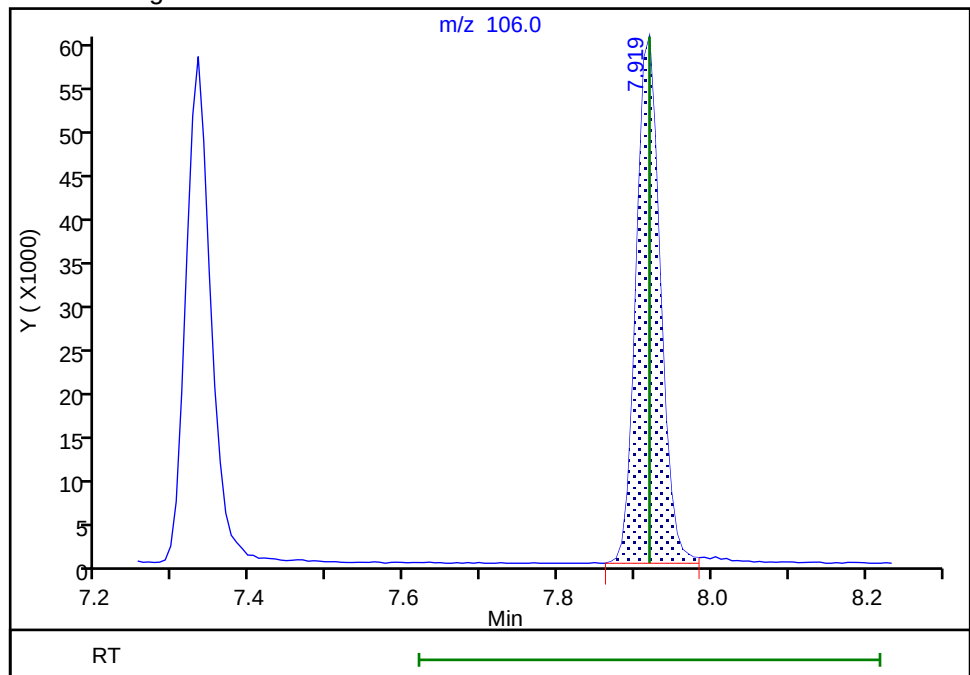
RT: 7.51
Area: 90
Amount: 0.027602
Amount Units: ug/l

Processing Integration Results



RT: 7.92
Area: 131680
Amount: 19.695159
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:17:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54825.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 20-Dec-2018 09:19:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0083907-008
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:31:02 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: desais

Date: 20-Dec-2018 09:26:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	90	48055	50.0	50.9	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	178678	50.0	44.0	
3 Chloromethane	50	0.964	0.964	0.000	1	103393	50.0	40.2	a
5 Butadiene	54	0.985	0.985	0.000	97	151387	50.0	43.3	
4 Vinyl chloride	62	0.985	0.985	0.000	68	184288	50.0	45.2	
6 Bromomethane	94	1.143	1.143	0.000	98	114957	50.0	49.9	
7 Chloroethane	64	1.200	1.200	0.000	99	165910	50.0	53.2	
8 Trichlorofluoromethane	101	1.264	1.265	-0.001	98	301314	50.0	47.6	
9 Pentane	72	1.264	1.265	-0.001	96	62561	100.0	101.0	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	374920	50.0	48.5	
11 2-Methyl-1,3-butadiene	67	1.422	1.415	0.007	98	252204	50.0	49.1	
12 Ethyl ether	59	1.422	1.422	0.000	94	156558	50.0	48.0	
13 Ethanol	46	1.501	1.501	0.000	99	38303	2000.0	2109.5	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	164087	50.0	47.0	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	82	216975	50.0	49.7	
16 Carbon disulfide	76	1.544	1.537	0.007	100	544450	50.0	50.4	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	96	158633	50.0	48.0	
18 Iodomethane	142	1.601	1.601	0.000	99	122068	50.0	38.1	
19 Cyclopentene	67	1.680	1.680	0.000	96	426360	50.0	46.1	
20 Acrolein	56	1.701	1.702	-0.001	96	53223	100.0	94.4	
21 3-Chloro-1-propene	76	1.773	1.780	-0.007	88	104948	50.0	48.6	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	109465	500.0	467.3	
23 Methylene Chloride	84	1.845	1.845	0.000	94	201107	50.0	47.4	
24 Acetone	43	1.866	1.859	0.007	85	246582	250.0	239.0	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	96	186675	50.0	47.2	
26 Methyl acetate	43	1.938	1.938	0.000	99	221648	100.0	99.5	
27 Hexane	86	1.981	1.974	0.007	89	29803	50.0	47.3	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	97	578775	50.0	49.5	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	247524	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	176176	500.0	472.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	99	194631	500.0	475.8	
32 Isopropyl ether	45	2.224	2.224	0.000	94	637863	50.0	48.7	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	94	172964	50.0	48.4	
34 1,1-Dichloroethane	63	2.289	2.296	-0.007	99	360154	50.0	47.5	
35 Acrylonitrile	53	2.325	2.325	0.000	93	653869	500.0	490.0	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	89	631310	50.0	48.9	
37 Vinyl acetate	43	2.468	2.461	0.007	99	894294	100.0	101.4	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	206837	50.0	51.4	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	276736	50.0	49.4	
40 Cyclohexane	56	2.783	2.776	0.007	91	249355	50.0	49.5	
41 Chlorobromomethane	128	2.783	2.783	0.000	93	93578	50.0	50.0	
42 Chloroform	83	2.840	2.840	0.000	97	321155	50.0	48.6	
43 Carbon tetrachloride	117	2.933	2.934	-0.001	97	222889	50.0	49.8	
44 Ethyl acetate	70	2.948	2.948	0.000	99	39108	100.0	92.1	a
45 Methyl acrylate	55	2.948	2.948	0.000	89	155085	50.0	49.1	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	136457	100.0	96.0	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	96	121724	50.0	48.9	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	278210	50.0	49.7	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	259572	250.0	250.0	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	94	261575	50.0	45.1	
50 2-Butanone (MEK)	72	3.070	3.077	-0.007	100	109780	250.0	235.7	
52 Isooctane	57	3.170	3.170	0.000	97	299090	50.0	48.2	
54 Benzene	78	3.270	3.263	0.007	97	764236	50.0	48.5	
53 n-Heptane	57	3.263	3.263	0.000	85	69977	50.0	42.7	
55 Propionitrile	54	3.292	3.285	0.007	95	239698	500.0	495.6	
56 Methacrylonitrile	67	3.306	3.306	0.000	93	761359	500.0	510.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	147328	50.0	46.7	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	98	561205	50.0	50.9	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	283606	50.0	47.2	
60 Isobutyl alcohol	43	3.507	3.507	-0.001	98	167230	1250.0	1408.8	
61 t-Amyl alcohol	59	3.578	3.571	0.007	95	112894	500.0	505.4	
* 62 Fluorobenzene	96	3.614	3.607	0.007	99	484778	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.679	-0.001	99	343467	50.0	50.5	
64 Methylcyclohexane	83	3.743	3.736	0.007	95	206954	50.0	48.2	
65 Trichloroethene	130	3.757	3.757	0.000	97	200553	50.0	49.8	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	93	477934	50.0	50.7	
67 Dibromomethane	93	4.123	4.130	-0.007	97	123516	50.0	49.8	
68 n-Butanol	56	4.137	4.144	-0.007	91	104518	1250.0	1173.6	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	196364	50.0	49.1	
71 Ethyl acrylate	55	4.294	4.295	-0.001	97	237231	50.0	55.0	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	260829	50.0	51.6	
* 72 1,4-Dioxane-d8	96	4.481	4.488	-0.007	0	26389	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	88	104532	100.0	107.6	
74 1,4-Dioxane	88	4.524	4.509	0.015	63	43733	1000.0	1037.4	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	251956	50.0	52.8	
76 2-Chloroethyl vinyl ether	63	4.910	4.911	-0.001	96	127578	50.0	54.6	
77 cis-1,3-Dichloropropene	75	4.939	4.946	-0.007	97	304089	50.0	52.7	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	514191	50.0	48.8	
79 Toluene	91	5.197	5.197	0.000	93	848847	50.0	48.5	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	351309	1000.0	1079.9	
81 2-Nitropropane	41	5.448	5.448	0.000	99	93635	100.0	92.4	
82 Tetrachloroethene	166	5.620	5.620	0.000	96	191497	50.0	49.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.663	5.663	0.000	98	894680	250.0	260.1	
84 trans-1,3-Dichloropropene	75	5.691	5.699	-0.007	97	290976	50.0	53.9	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	94	144774	50.0	50.6	
86 Ethyl methacrylate	69	5.949	5.949	0.000	89	244531	50.0	55.7	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	186870	50.0	53.5	
88 1,3-Dichloropropane	76	6.185	6.186	-0.001	94	308159	50.0	51.3	
89 Ethylene Dibromide	107	6.314	6.315	-0.001	98	177268	50.0	52.8	
90 n-Butyl acetate	43	6.658	6.658	0.000	98	284096	50.0	56.1	
91 2-Hexanone	43	6.723	6.723	0.000	97	611949	250.0	274.7	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	425889	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	95	547834	50.0	49.5	
94 Ethylbenzene	106	7.110	7.110	0.000	99	293900	50.0	50.5	a
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	93	184204	50.0	51.6	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	356818	50.0	52.3	a
97 o-Xylene	106	7.912	7.919	-0.007	94	349102	50.0	50.6	a
98 Bromoform	173	7.976	7.984	-0.008	95	113978	50.0	52.5	
99 Styrene	104	8.005	8.005	0.000	94	592726	50.0	53.9	
100 n-Butyl acrylate	73	8.327	8.327	0.000	96	135854	50.0	47.7	
101 Isopropylbenzene	105	8.399	8.399	0.000	97	815099	50.0	50.2	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	90	329624	50.0	53.8	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	-0.001	89	167826	50.0	49.9	
104 Bromobenzene	156	8.879	8.886	-0.007	94	243214	50.0	48.7	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	916945	50.0	50.6	a
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	97	218205	50.0	49.5	
107 2-Chlorotoluene	91	9.208	9.208	0.000	98	698846	50.0	50.1	
108 4-Ethyltoluene	105	9.223	9.230	-0.007	98	803069	50.0	51.1	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	97	66689	50.0	49.9	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	660225	50.0	52.0	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	85	58349	50.0	44.6	
112 4-Chlorotoluene	91	9.473	9.481	-0.008	99	647953	50.0	50.6	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	513267	50.0	50.7	
115 Butyl Methacrylate	87	9.982	9.982	0.000	58	237570	50.0	44.9	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	95	708583	50.0	51.0	
116 sec-Butylbenzene	105	10.139	10.140	-0.001	98	690356	50.0	50.2	
117 1,3-Dichlorobenzene	146	10.397	10.405	-0.008	95	421318	50.0	51.4	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	622233	50.0	51.6	
* 119 1,4-Dichlorobenzene-d4	152	10.533	10.541	-0.008	96	244784	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.555	10.555	0.000	93	428779	50.0	47.6	
121 1,2,3-Trimethylbenzene	105	10.662	10.662	0.000	99	768140	50.0	51.1	
122 2,3-Dihydroindene	117	10.841	10.842	-0.001	94	793708	50.0	52.2	
123 Benzyl chloride	126	11.013	11.013	0.000	97	59127	50.0	41.9	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	320449	50.0	54.0	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	513359	50.0	53.5	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	416154	50.0	51.4	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	564319	50.0	54.3	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.289	0.000	92	42174	50.0	53.7	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	97	245297	50.0	51.7	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	93	235737	50.0	53.8	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	95	89547	50.0	51.1	
132 Naphthalene	128	13.306	13.306	0.000	99	518155	50.0	54.2	
133 1,2,3-Trichlorobenzene	180	13.477	13.478	-0.001	95	215403	50.0	53.3	
S 134 1,2-Dichloroethene, Total	100				0		100.0	98.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		100.0	106.6	
S 136 Xylenes, Total	100				0		100.0	103.0	
S 137 Total BTEX	1				0		250.0	250.5	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00084	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 50.00	Units: uL	
GASES Li_00292	Amount Added: 50.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54825.D

Injection Date: 20-Dec-2018 09:19:30

Instrument ID: CVOAMS13

Lims ID: STD50

Operator ID:

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

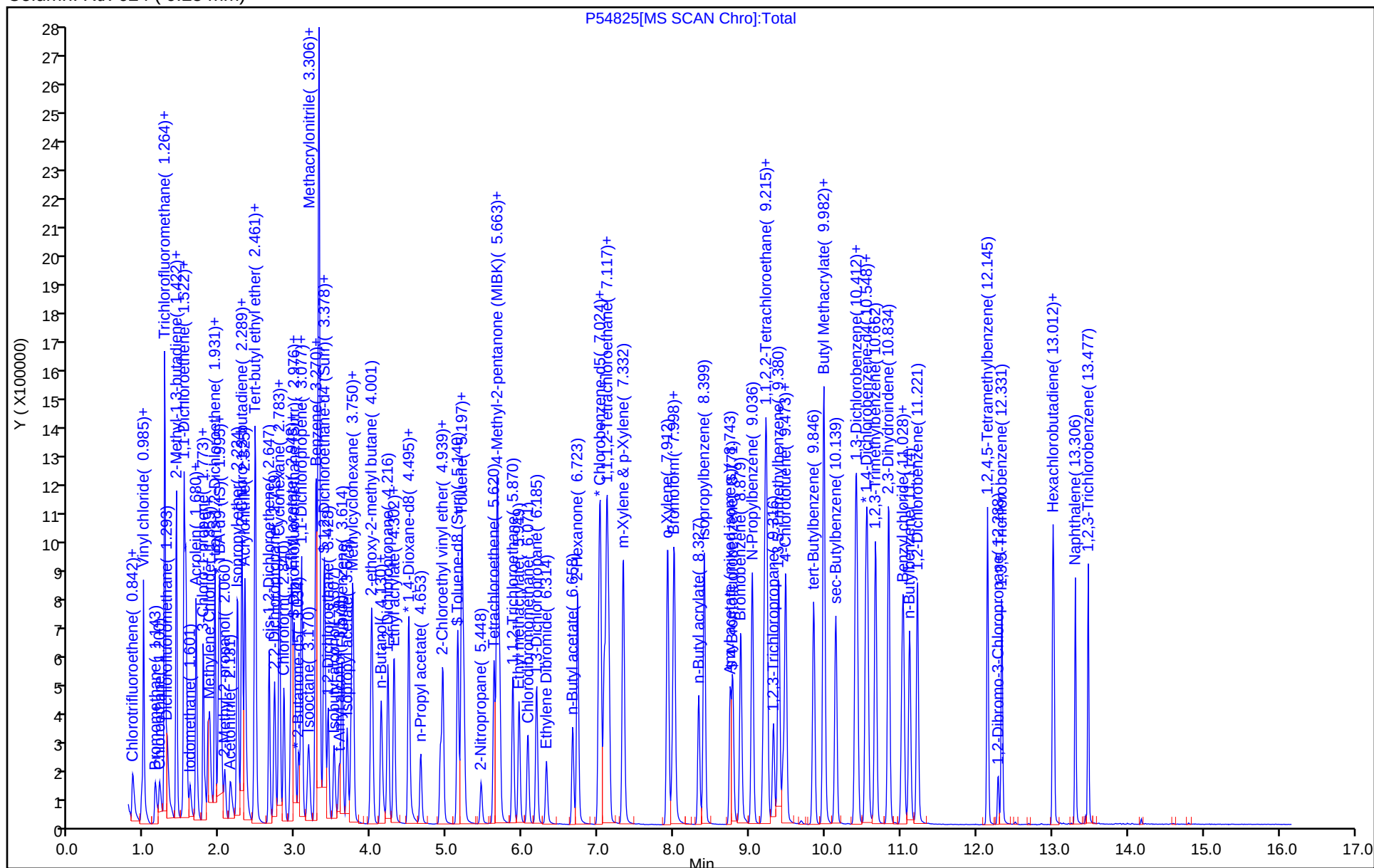
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54825.D

Injection Date: 20-Dec-2018 09:19:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

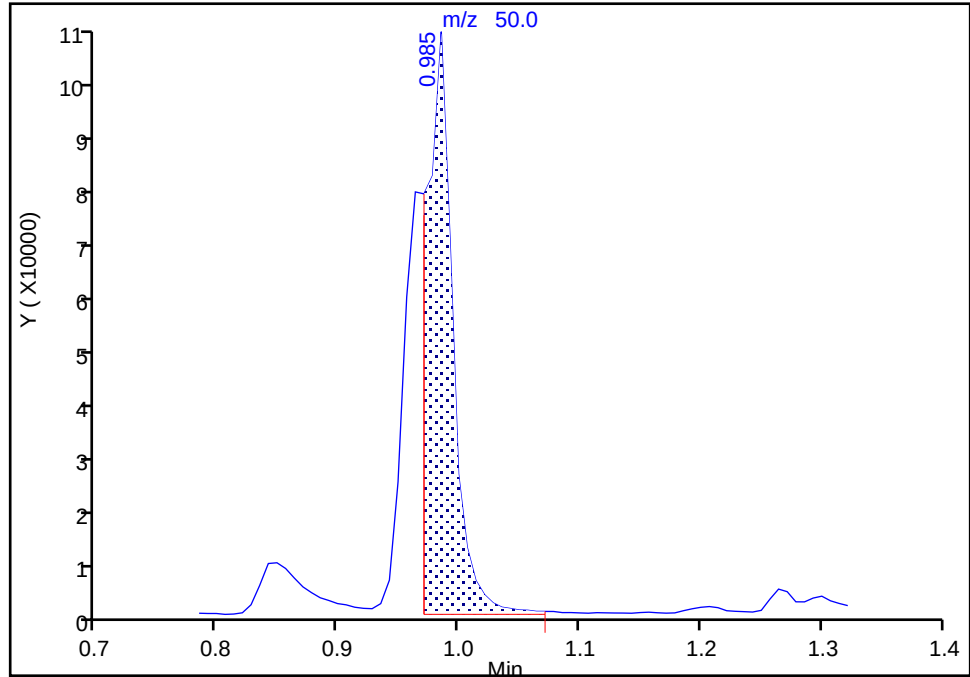
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

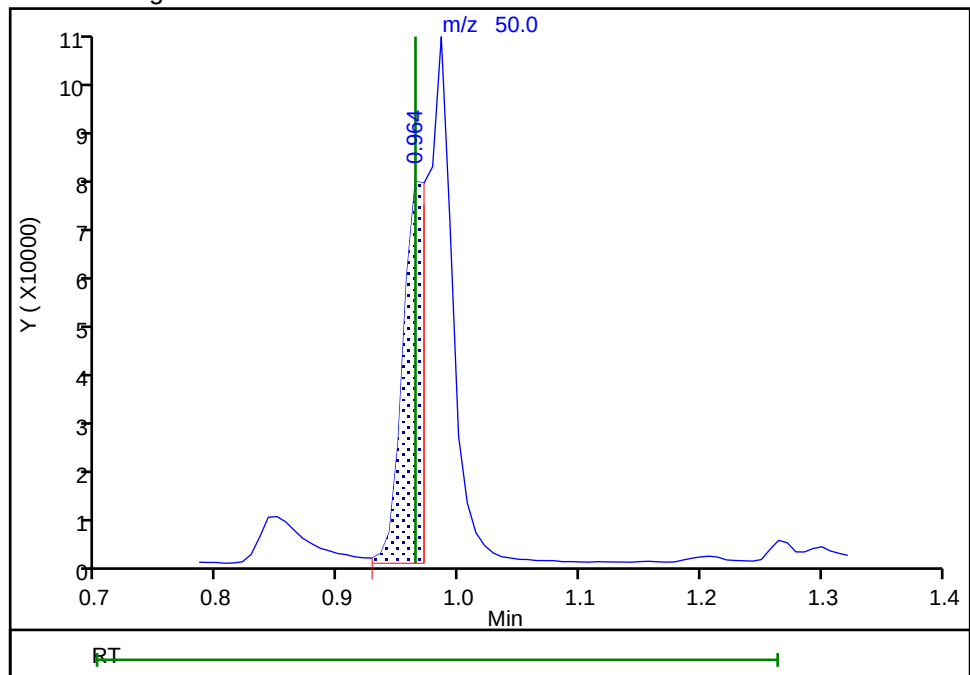
RT: 0.99
Area: 162992
Amount: 51.188046
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 103393
Amount: 40.169516
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:24:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54825.D

Injection Date: 20-Dec-2018 09:19:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

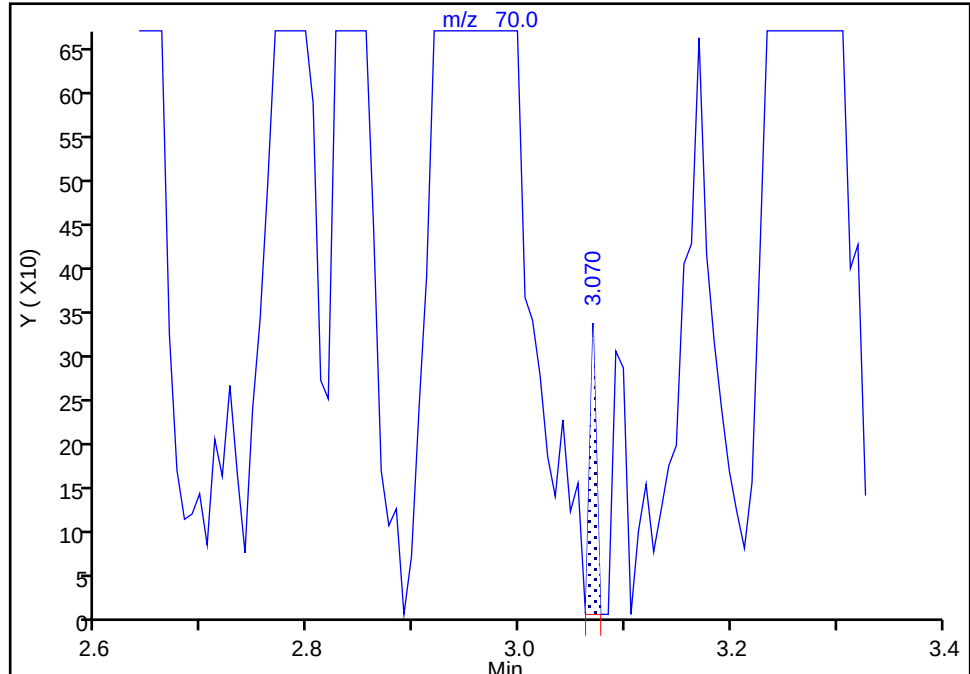
MS SCAN

44 Ethyl acetate, CAS: 141-78-6

Signal: 1

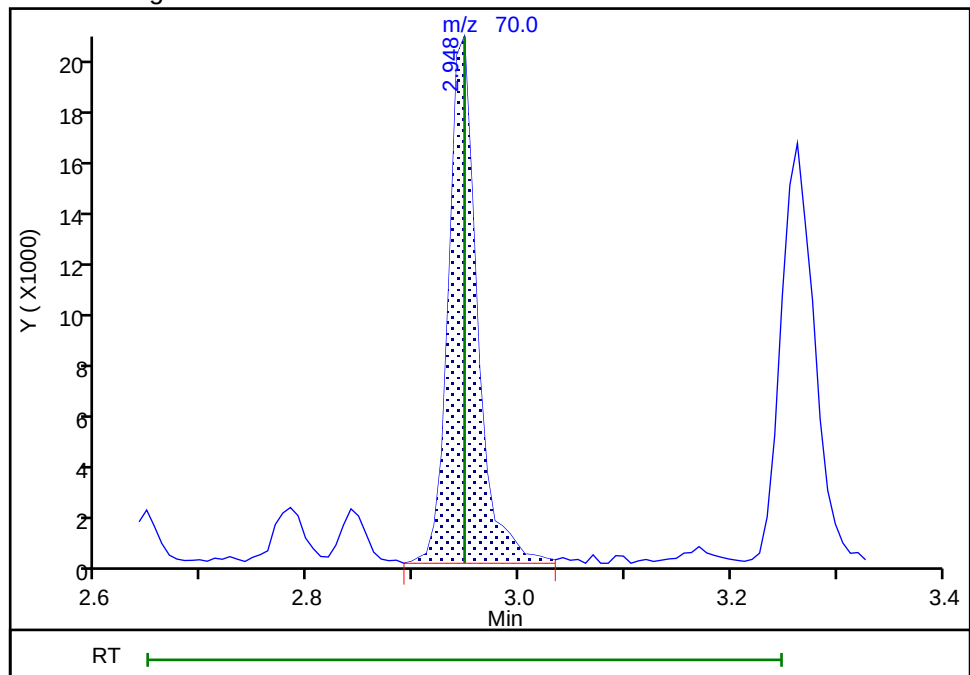
RT: 3.07
Area: 142
Amount: 0.498505
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 39108
Amount: 92.092313
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:25:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54825.D

Injection Date: 20-Dec-2018 09:19:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

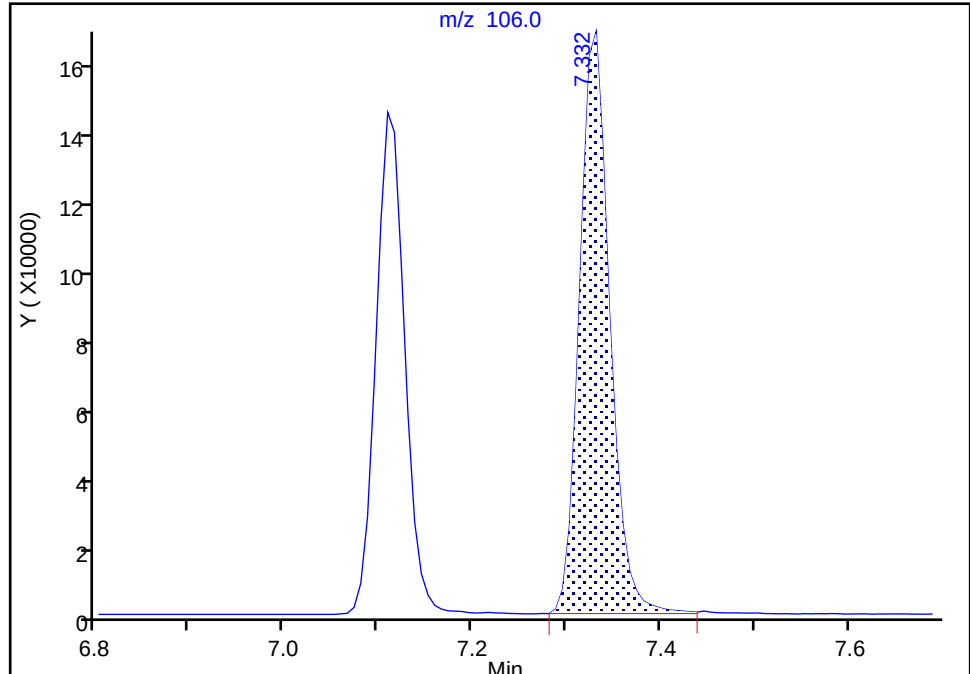
Detector: MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Signal: 1

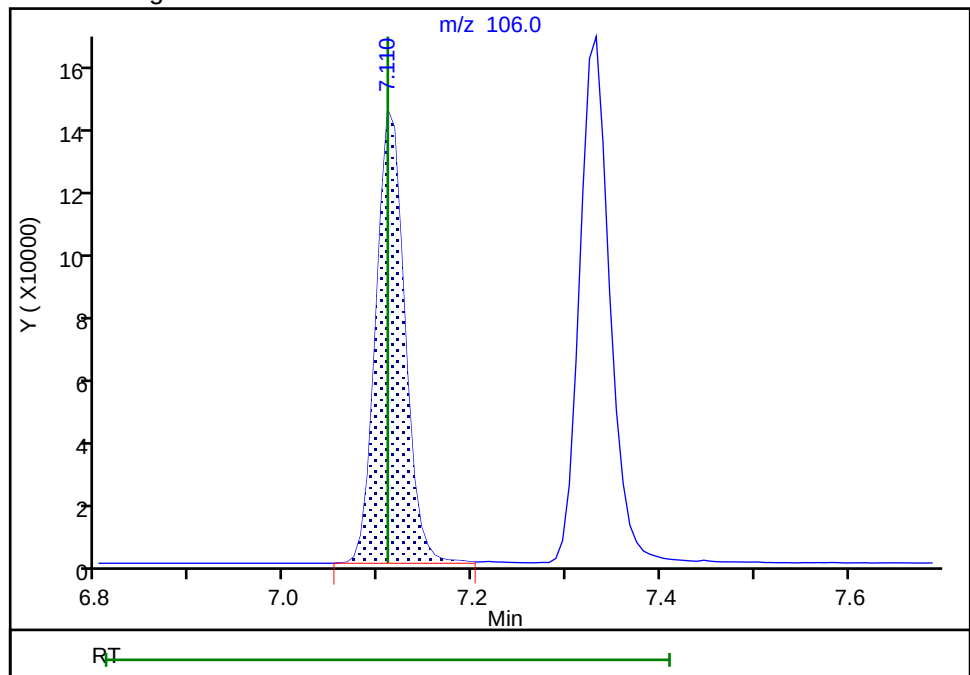
RT: 7.33
Area: 356818
Amount: 54.516454
Amount Units: ug/l

Processing Integration Results



RT: 7.11
Area: 293900
Amount: 50.515927
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:25:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54825.D

Injection Date: 20-Dec-2018 09:19:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

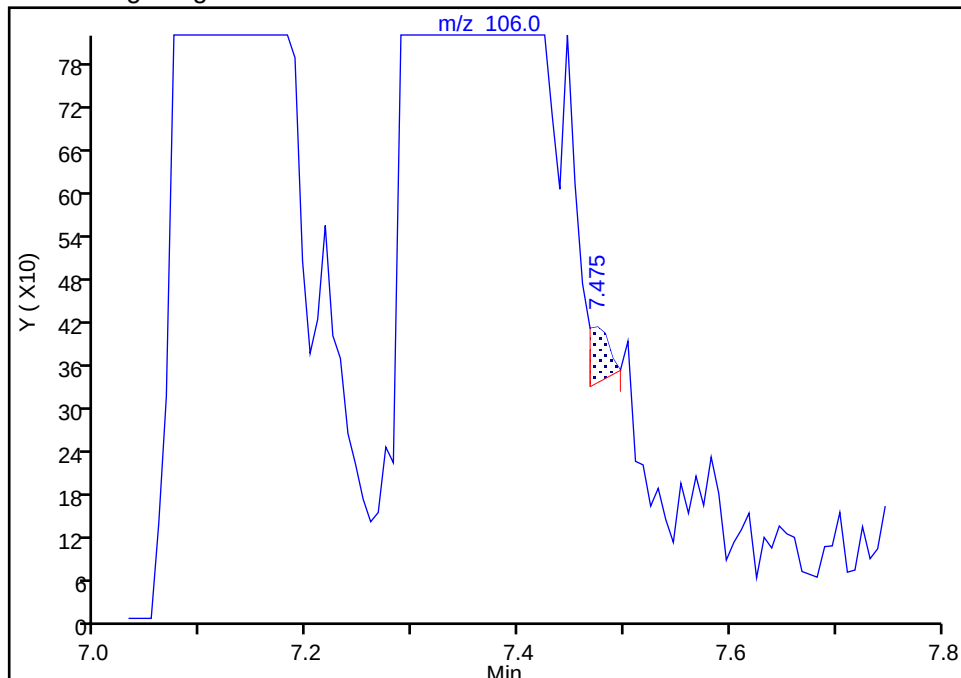
MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

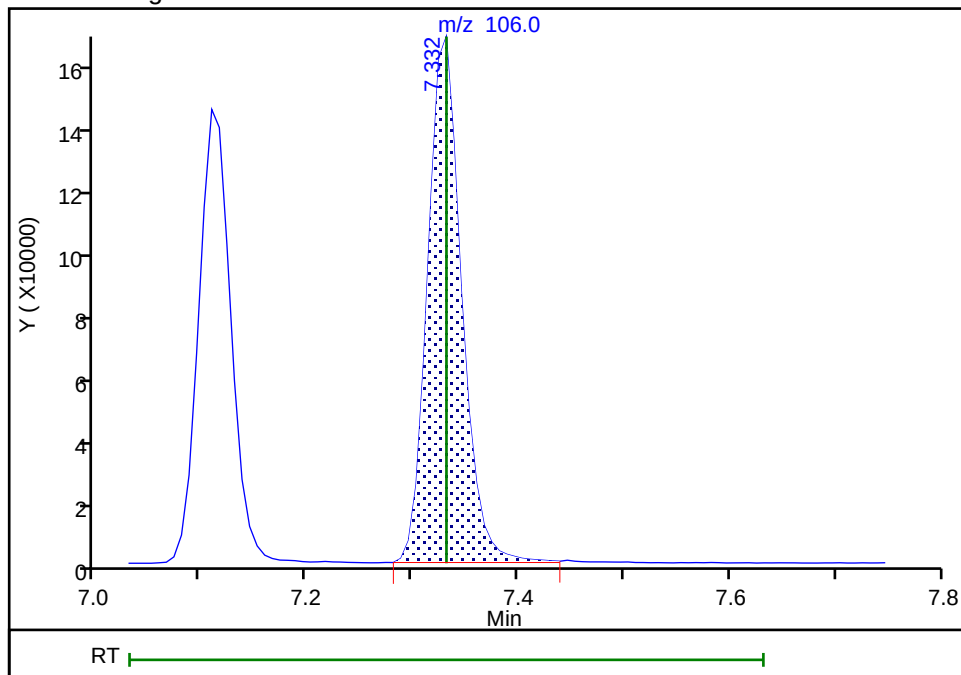
RT: 7.47
Area: 106
Amount: 0.087031
Amount Units: ug/l

Processing Integration Results



RT: 7.33
Area: 356818
Amount: 52.330555
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:25:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54825.D

Injection Date: 20-Dec-2018 09:19:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

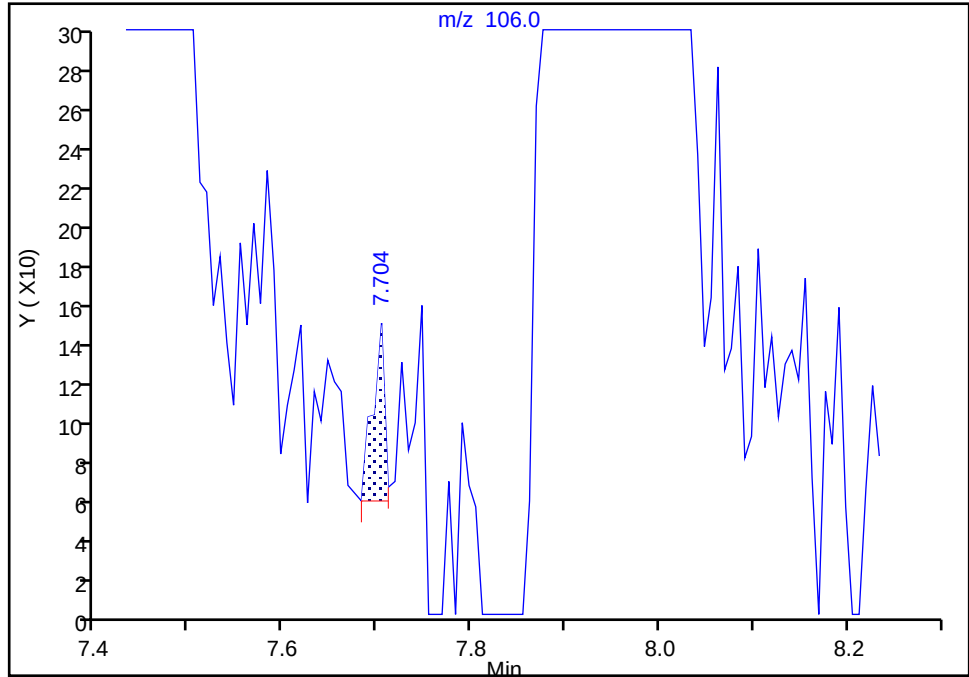
Detector: MS SCAN

97 o-Xylene, CAS: 95-47-6

Signal: 1

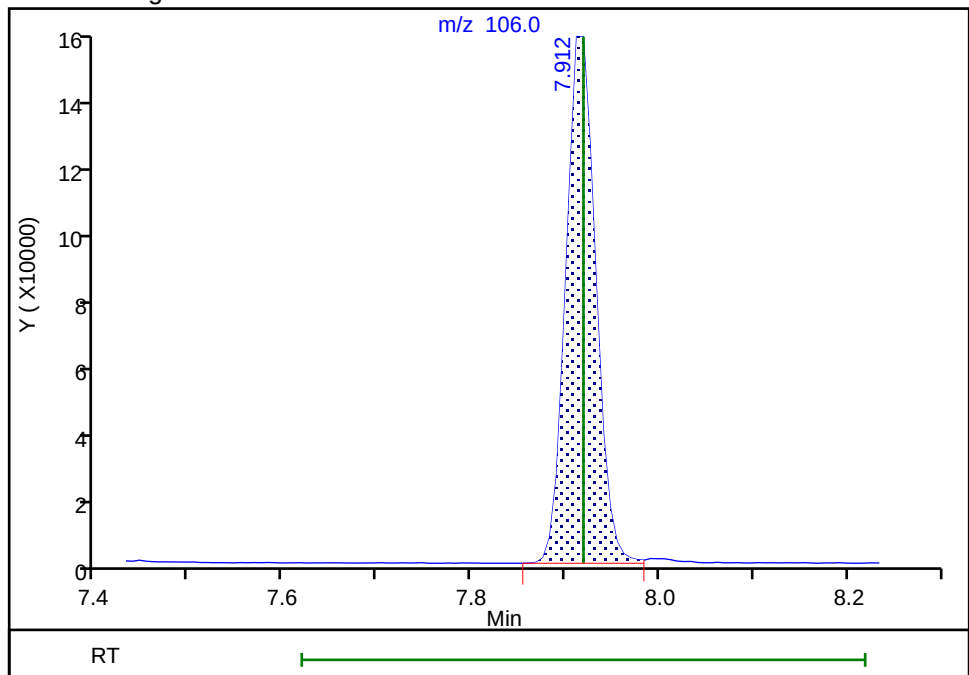
RT: 7.70
Area: 80
Amount: 0.024033
Amount Units: ug/l

Processing Integration Results



RT: 7.91
Area: 349102
Amount: 50.647148
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:25:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54825.D

Injection Date: 20-Dec-2018 09:19:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

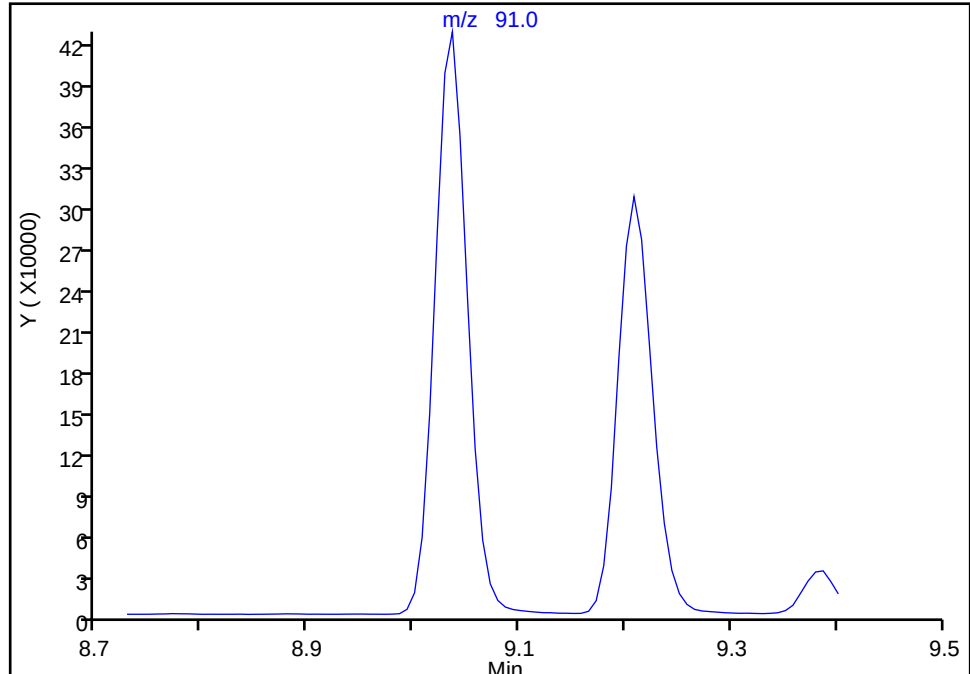
105 N-Propylbenzene, CAS: 103-65-1

Signal: 1

Not Detected

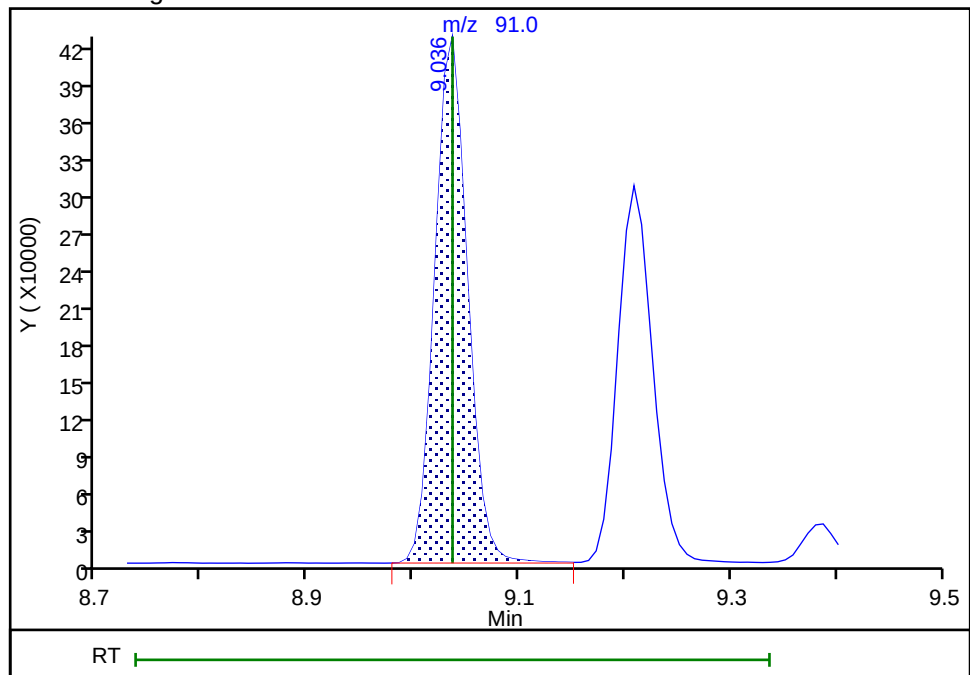
Expected RT: 9.04

Processing Integration Results



RT: 9.04
Area: 916945
Amount: 50.602714
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 20-Dec-2018 15:04:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54826.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 20-Dec-2018 09:44:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0083907-009
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:31:56 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: desais

Date: 20-Dec-2018 09:40:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	91	191974	200.0	193.3	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	996867	200.0	233.1	
3 Chloromethane	50	0.964	0.964	0.000	26	672863	200.0	248.4	M
4 Vinyl chloride	62	0.985	0.985	0.000	98	930302	200.0	216.6	
5 Butadiene	54	0.992	0.985	0.007	93	811451	200.0	220.7	
6 Bromomethane	94	1.143	1.143	0.000	99	655851	200.0	226.3	
7 Chloroethane	64	1.200	1.200	0.000	100	733704	200.0	223.5	
9 Pentane	72	1.264	1.265	-0.001	95	273291	400.0	406.4	
8 Trichlorofluoromethane	101	1.264	1.265	-0.001	62	1438985	200.0	216.0	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	1573927	200.0	193.6	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	98	1067890	200.0	197.7	
12 Ethyl ether	59	1.422	1.422	0.000	94	646994	200.0	188.4	
13 Ethanol	46	1.501	1.501	0.000	99	159487	8000.0	7948.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	83	868418	200.0	189.0	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	666547	200.0	181.3	
16 Carbon disulfide	76	1.544	1.537	0.007	100	2238276	200.0	196.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.544	1.551	-0.007	96	643699	200.0	185.2	
18 Iodomethane	142	1.601	1.601	0.000	99	714727	200.0	205.9	
19 Cyclopentene	67	1.680	1.680	0.000	96	1782419	200.0	183.3	
20 Acrolein	56	1.701	1.702	-0.001	96	112383	200.0	183.7	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	88	428211	200.0	188.6	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	454666	2000.0	1788.3	
23 Methylene Chloride	84	1.845	1.845	0.000	95	813078	200.0	182.2	
24 Acetone	43	1.866	1.859	0.007	86	1105360	1000.0	1021.1	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	96	774290	200.0	186.2	
26 Methyl acetate	43	1.938	1.938	0.000	99	855512	400.0	353.7	
27 Hexane	86	1.981	1.974	0.007	89	130210	200.0	196.3	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	93	2420856	200.0	196.9	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	268636	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	738496	2000.0	1826.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	98	828783	2000.0	1867.0	
32 Isopropyl ether	45	2.231	2.224	0.007	94	2683839	200.0	194.7	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	94	732221	200.0	194.5	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	1480455	200.0	185.6	
35 Acrylonitrile	53	2.332	2.325	0.007	91	2754970	2000.0	1962.1	
37 Vinyl acetate	43	2.468	2.461	0.007	99	3648988	400.0	393.3	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	59	2713283	200.0	199.6	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	799668	200.0	188.8	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	1122816	200.0	190.3	
40 Cyclohexane	56	2.783	2.776	0.007	92	1024944	200.0	193.5	
41 Chlorobromomethane	128	2.783	2.783	0.000	86	387075	200.0	196.6	
42 Chloroform	83	2.840	2.840	0.000	98	1336777	200.0	192.4	
43 Carbon tetrachloride	117	2.933	2.934	-0.001	97	959511	200.0	203.7	
45 Methyl acrylate	55	2.948	2.948	0.000	86	669783	200.0	201.5	
44 Ethyl acetate	70	2.948	2.948	0.000	99	171253	400.0	386.2	
46 Tetrahydrofuran	42	2.955	2.955	0.000	92	579233	400.0	390.3	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	96	133709	50.0	51.1	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	1142273	200.0	193.8	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	271078	250.0	250.0	
50 2-Butanone (MEK)	72	3.070	3.077	-0.007	100	471913	1000.0	970.2	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	94	1058444	200.0	173.2	
52 Isooctane	57	3.170	3.170	0.000	98	1297710	200.0	198.6	
53 n-Heptane	57	3.263	3.263	0.000	88	329452	200.0	191.2	
54 Benzene	78	3.270	3.263	0.007	96	3152276	200.0	190.8	
55 Propionitrile	54	3.299	3.285	0.014	96	1025007	2000.0	1952.7	
56 Methacrylonitrile	67	3.313	3.306	0.007	92	3269809	2000.0	2083.3	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.378	3.371	0.007	0	163931	50.0	49.4	
58 Tert-amyl methyl ether	73	3.385	3.378	0.007	98	2396146	200.0	206.6	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	1139222	200.0	180.1	
60 Isobutyl alcohol	43	3.506	3.507	-0.001	98	747983	5000.0	5806.0	
61 t-Amyl alcohol	59	3.578	3.571	0.007	96	530948	2000.0	2190.3	
* 62 Fluorobenzene	96	3.614	3.607	0.007	99	510118	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.679	-0.001	98	1461533	200.0	204.4	
64 Methylcyclohexane	83	3.743	3.736	0.007	95	895412	200.0	198.3	
65 Trichloroethene	130	3.757	3.757	0.000	97	838166	200.0	197.8	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	93	2013617	200.0	203.1	
67 Dibromomethane	93	4.123	4.130	-0.008	96	519461	200.0	199.0	
68 n-Butanol	56	4.137	4.144	-0.007	90	504207	5000.0	5043.5	
69 1,2-Dichloropropane	63	4.223	4.216	0.007	86	818111	200.0	194.5	
71 Ethyl acrylate	55	4.294	4.295	-0.001	97	1008070	200.0	222.1	
70 Dichlorobromomethane	83	4.302	4.302	0.000	99	1111474	200.0	209.0	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	27876	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	88	450137	400.0	440.4	
74 1,4-Dioxane	88	4.516	4.509	0.007	97	178567	4000.0	4010.0	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	1055412	200.0	210.0	
76 2-Chloroethyl vinyl ether	63	4.910	4.911	-0.001	96	536668	200.0	218.2	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	1315154	200.0	217.4	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	546426	50.0	49.4	
79 Toluene	91	5.197	5.197	0.000	93	3441397	200.0	187.3	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	1446013	4000.0	4256.2	
81 2-Nitropropane	41	5.448	5.448	0.000	99	450852	400.0	404.1	
82 Tetrachloroethene	166	5.620	5.620	0.000	96	775390	200.0	189.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.670	5.663	0.007	97	3722012	1000.0	1036.1	
84 trans-1,3-Dichloropropene	75	5.698	5.699	0.000	95	1279139	200.0	208.0	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	597529	200.0	199.0	
86 Ethyl methacrylate	69	5.949	5.949	0.000	89	1030828	200.0	223.3	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	831957	200.0	227.1	
88 1,3-Dichloropropane	76	6.185	6.186	-0.001	94	1265802	200.0	200.8	
89 Ethylene Dibromide	107	6.314	6.315	-0.001	98	751722	200.0	213.3	
90 n-Butyl acetate	43	6.658	6.658	0.000	98	1213743	200.0	228.3	
91 2-Hexanone	43	6.723	6.723	0.000	97	2617253	1000.0	1124.9	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	86	446952	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	94	2233622	200.0	192.2	
94 Ethylbenzene	106	7.117	7.110	0.007	99	1200100	200.0	196.6	a
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	94	806665	200.0	215.3	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	1450440	200.0	202.7	a
97 o-Xylene	106	7.919	7.919	0.000	94	1426517	200.0	197.2	a
98 Bromoform	173	7.976	7.984	-0.008	96	558624	200.0	214.6	
99 Styrene	104	8.005	8.005	0.000	94	2536312	200.0	219.6	
100 n-Butyl acrylate	73	8.327	8.327	0.000	96	620559	200.0	201.6	
101 Isopropylbenzene	105	8.399	8.399	0.000	97	3328875	200.0	195.5	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	90	1476064	200.0	210.5	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	89	179568	50.0	50.8	
104 Bromobenzene	156	8.886	8.886	0.000	94	1004240	200.0	188.7	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	3779209	200.0	195.7	
106 1,1,2,2-Tetrachloroethane	83	9.187	9.180	0.007	97	913929	200.0	194.5	
107 2-Chlorotoluene	91	9.208	9.208	0.000	98	2897801	200.0	195.1	
108 4-Ethyltoluene	105	9.230	9.230	0.000	98	3341662	200.0	199.6	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	96	276145	200.0	193.9	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	2737776	200.0	202.3	
111 trans-1,4-Dichloro-2-buten	53	9.437	9.445	-0.008	89	296416	200.0	202.6	
112 4-Chlorotoluene	91	9.480	9.481	-0.001	98	2728636	200.0	200.1	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	2090805	200.0	194.0	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	94	3009312	200.0	203.3	
115 Butyl Methacrylate	87	9.982	9.982	0.000	70	1213557	200.0	202.6	
116 sec-Butylbenzene	105	10.139	10.140	-0.001	98	2882595	200.0	196.6	
117 1,3-Dichlorobenzene	146	10.404	10.405	-0.001	94	1740937	200.0	199.4	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	2617502	200.0	203.6	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	97	260848	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	94	1792521	200.0	186.8	
121 1,2,3-Trimethylbenzene	105	10.670	10.662	0.008	99	3197458	200.0	199.6	
122 2,3-Dihydroindene	117	10.841	10.842	-0.001	94	3331555	200.0	205.6	
123 Benzyl chloride	126	11.013	11.013	0.000	98	337394	200.0	203.6	
124 p-Diethylbenzene	119	11.035	11.035	0.000	94	1347970	200.0	213.3	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	2200934	200.0	215.3	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	1735573	200.0	201.1	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	2416516	200.0	218.3	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.289	0.000	94	197738	200.0	215.1	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	-0.001	97	1029614	200.0	203.6	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	93	998517	200.0	213.8	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	95	389799	200.0	208.9	
132 Naphthalene	128	13.306	13.306	0.000	99	2453309	200.0	240.8	
133 1,2,3-Trichlorobenzene	180	13.477	13.478	-0.001	95	912825	200.0	211.9	
S 134 1,2-Dichloroethene, Total	100				0		400.0	375.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		400.0	425.4	
S 136 Xylenes, Total	100				0		400.0	399.9	
S 137 Total BTEX	1				0		1000.0	974.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 2 Hi_00077	Amount Added: 20.00	Units: uL	
ACROLEIN W_00084	Amount Added: 20.00	Units: uL	
Ethanol mix_00022	Amount Added: 20.00	Units: uL	
GAS Hi_00285	Amount Added: 20.00	Units: uL	
MIX I Hi_00101	Amount Added: 20.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

Operator ID:

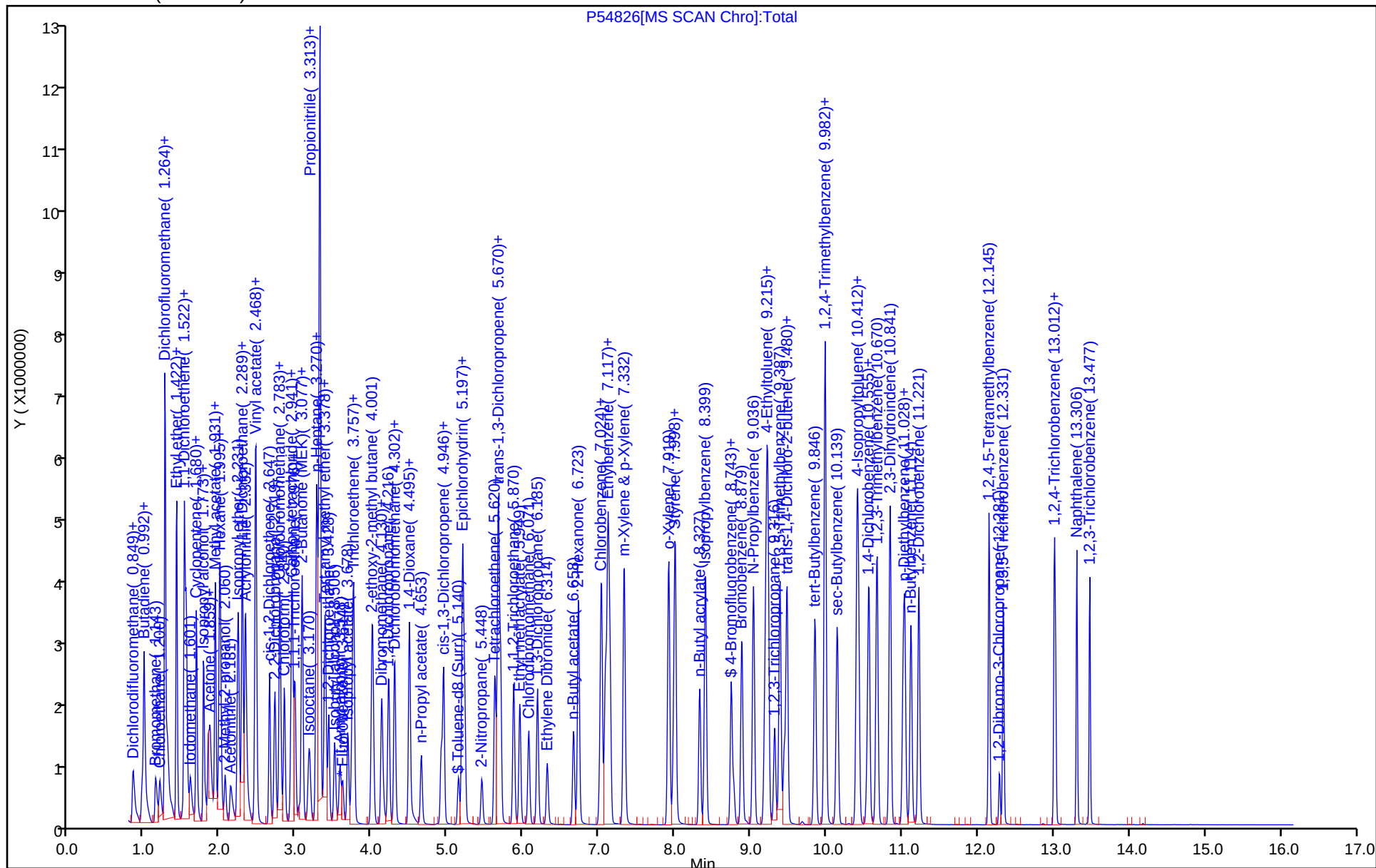
Worklist Smp#: 9

Client ID:

ALS Bottle#: 8

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54826.D

Injection Date: 20-Dec-2018 09:44:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

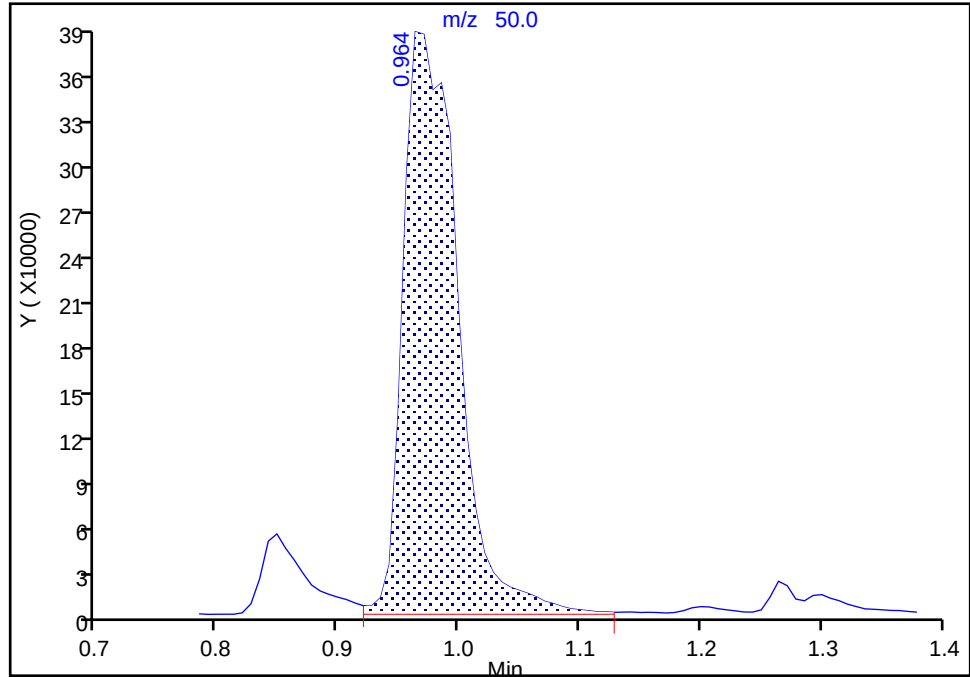
Detector: MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

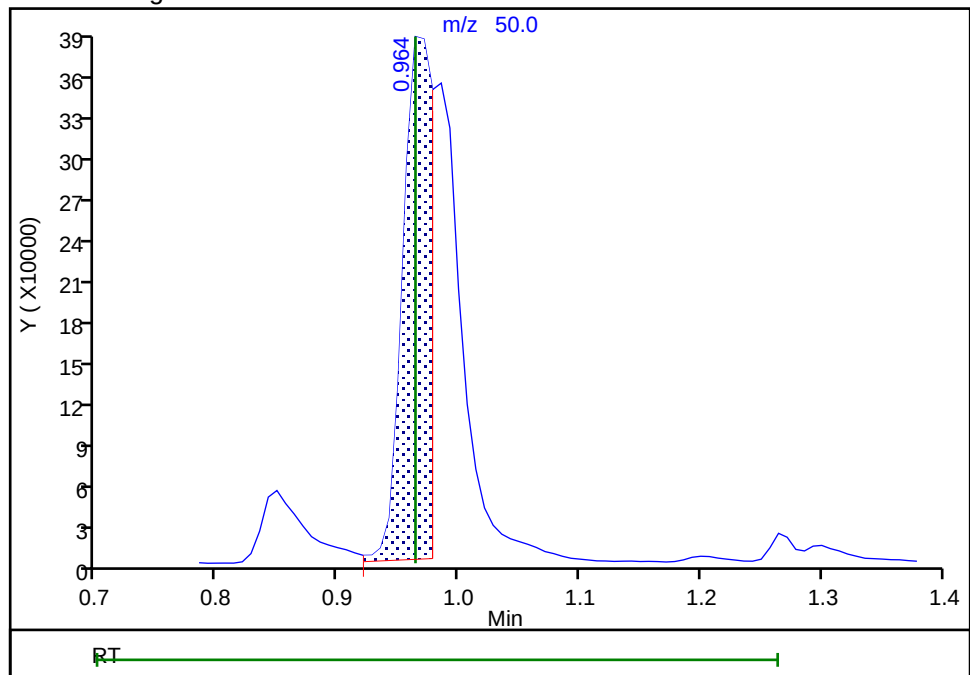
RT: 0.96
Area: 1210373
Amount: 200.0309
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 672863
Amount: 248.4302
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:39:15

Audit Action: Manually Integrated

Audit Reason: Split Peak

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54826.D

Injection Date: 20-Dec-2018 09:44:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

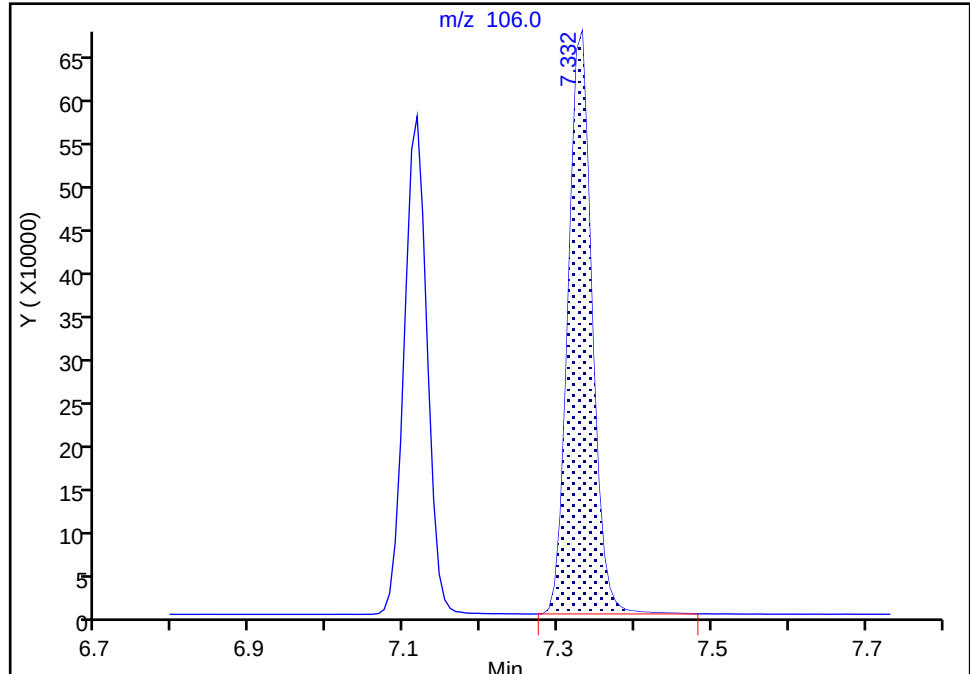
Detector: MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Signal: 1

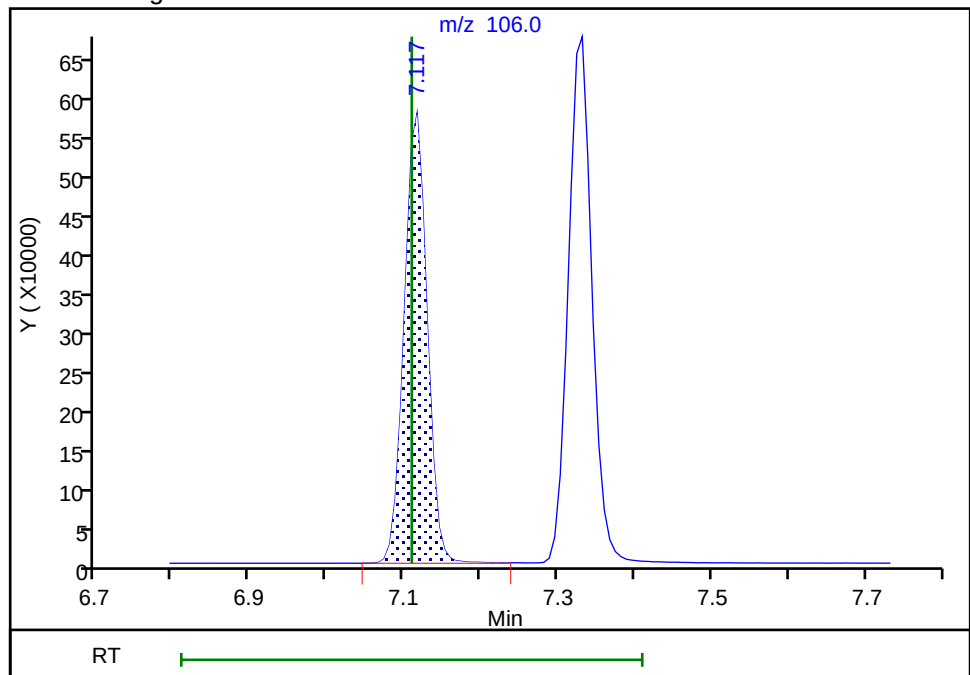
RT: 7.33
Area: 1450440
Amount: 218.1525
Amount Units: ug/l

Processing Integration Results



RT: 7.12
Area: 1200100
Amount: 196.5539
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:39:40

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54826.D

Injection Date: 20-Dec-2018 09:44:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

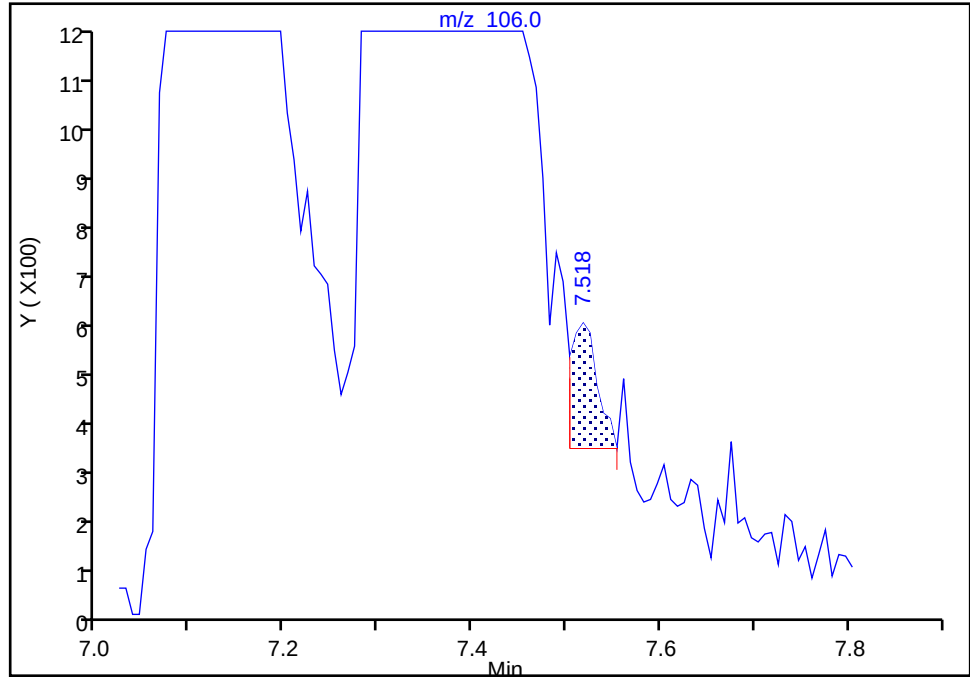
MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

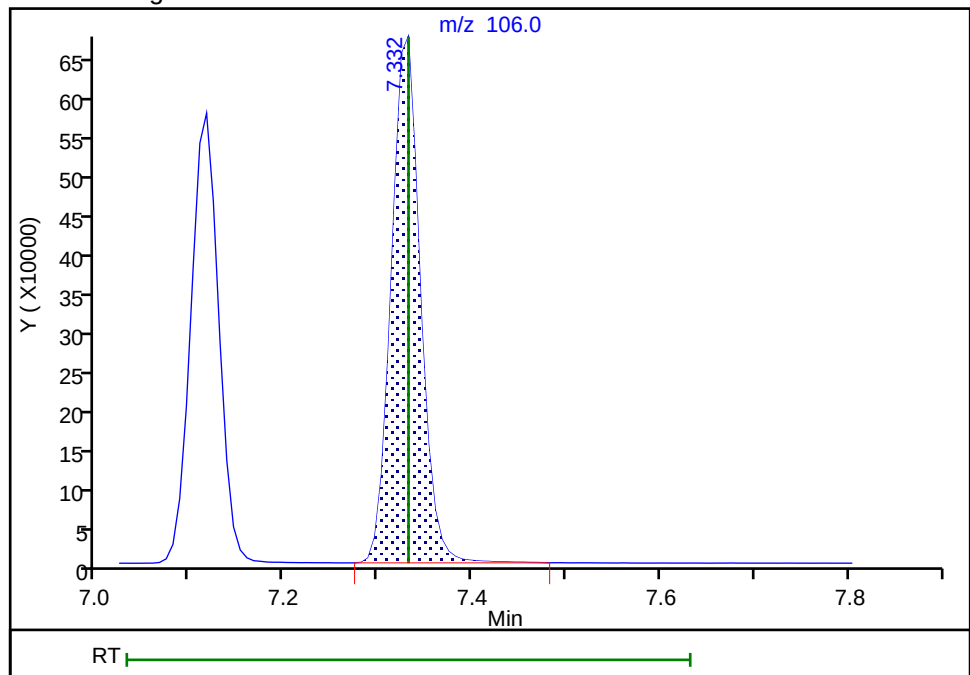
RT: 7.52
Area: 472
Amount: 0.186854
Amount Units: ug/l

Processing Integration Results



RT: 7.33
Area: 1450440
Amount: 202.6954
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:39:46

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54826.D

Injection Date: 20-Dec-2018 09:44:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

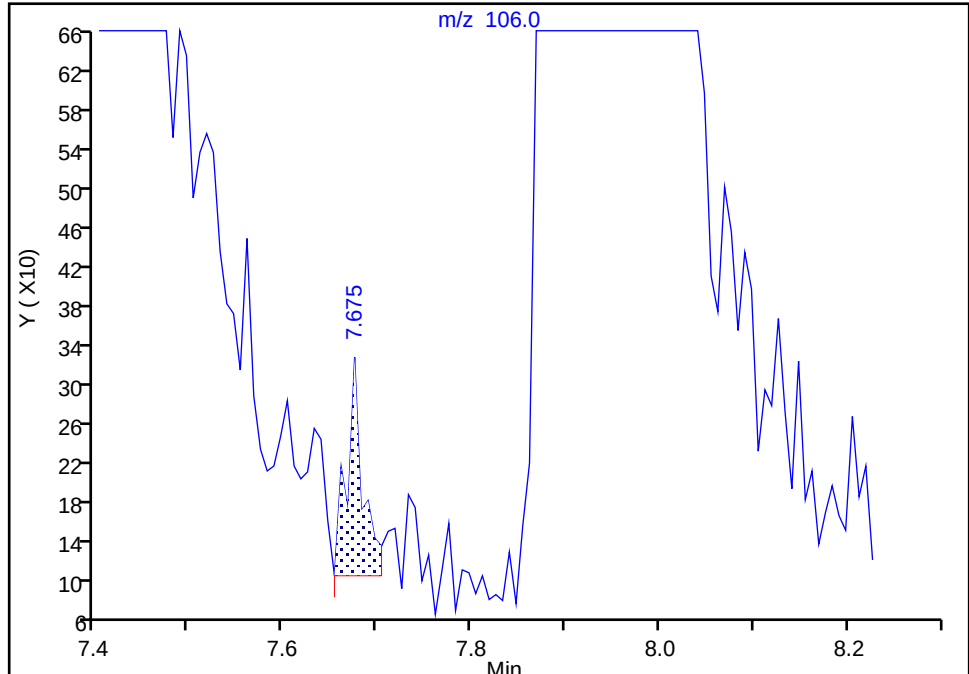
Detector: MS SCAN

97 o-Xylene, CAS: 95-47-6

Signal: 1

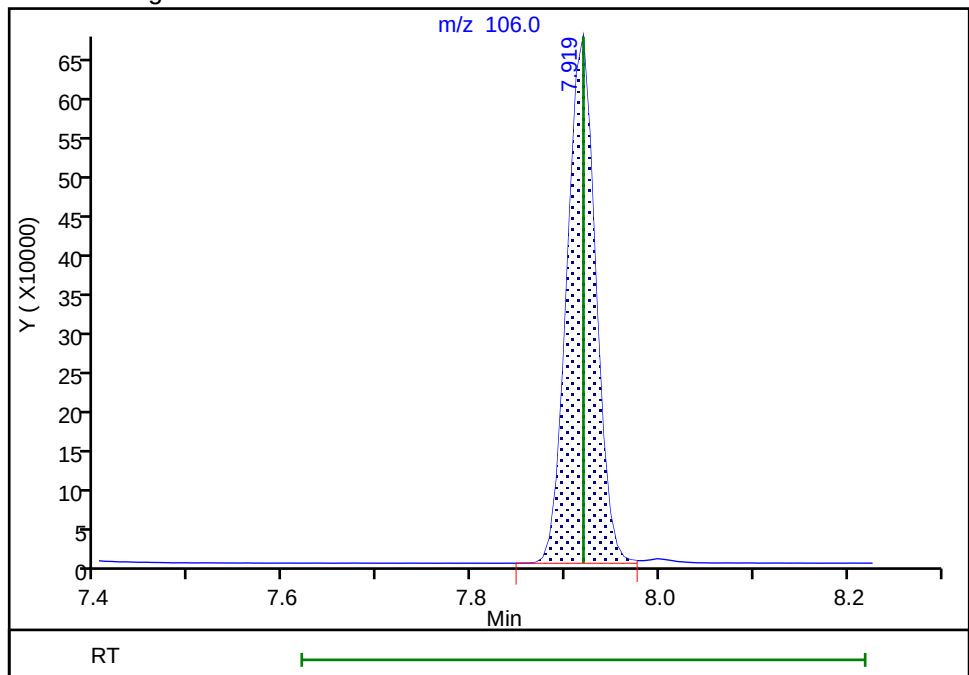
RT: 7.68
Area: 261
Amount: 0.055363
Amount Units: ug/l

Processing Integration Results



RT: 7.92
Area: 1426517
Amount: 197.2037
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:39:50

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 20-Dec-2018 10:10:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0083907-010
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:32:36 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: desais

Date: 20-Dec-2018 09:42:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	92	552474	500.0	520.5	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	2654981	500.0	580.9	
3 Chloromethane	50	0.964	0.964	0.000	39	1845533	500.0	637.6	M
5 Butadiene	54	0.992	0.985	0.007	94	2253755	500.0	573.7	
4 Vinyl chloride	62	0.985	0.985	0.000	98	2560978	500.0	558.0	
6 Bromomethane	94	1.143	1.143	0.000	99	1780811	500.0	482.6	
7 Chloroethane	64	1.193	1.200	-0.007	100	1969566	500.0	561.3	
8 Trichlorofluoromethane	101	1.272	1.265	0.007	99	4110483	500.0	577.2	M
9 Pentane	72	1.264	1.265	-0.001	96	824346	1000.0	1154.8	
10 Dichlorofluoromethane	67	1.293	1.300	-0.007	98	4688037	500.0	539.5	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	98	3285994	500.0	569.2	
12 Ethyl ether	59	1.422	1.422	0.000	96	1890510	500.0	515.2	
13 Ethanol	46	1.515	1.501	0.014	99	441815	20000	20007	
14 1,1-Dichloroethene	96	1.530	1.522	0.008	97	1997663	500.0	508.5	
15 1,2-Dichloro-1,1,2-trifluo	67	1.530	1.522	0.008	83	1896266	500.0	386.3	
16 Carbon disulfide	76	1.544	1.537	0.007	100	6646158	500.0	546.9	
17 1,1,2-Trichloro-1,2,2-trif	101	1.544	1.551	-0.007	91	2015385	500.0	542.5	
18 Iodomethane	142	1.601	1.601	0.000	99	1944533	500.0	499.3	
19 Cyclopentene	67	1.680	1.680	0.000	96	5212050	500.0	501.5	
20 Acrolein	56	1.709	1.702	0.007	97	246284	500.0	379.3	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	88	1061163	500.0	437.3	
22 Isopropyl alcohol	45	1.816	1.802	0.014	97	1210750	5000.0	4486.0	
23 Methylene Chloride	84	1.838	1.845	-0.007	96	2207448	500.0	462.8	
24 Acetone	43	1.866	1.859	0.007	85	2805776	2500.0	2495.6	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	97	2138294	500.0	481.2	
26 Methyl acetate	43	1.938	1.938	0.000	98	1974977	1000.0	769.2	
27 Hexane	86	1.981	1.974	0.007	93	366165	500.0	516.4	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	92	6627094	500.0	504.4	
* 29 TBA-d9 (IS)	65	2.024	2.017	0.007	0	285168	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.074	2.060	0.014	99	2002316	5000.0	4665.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.138	2.131	0.007	98	1988443	5000.0	4219.8	
32 Isopropyl ether	45	2.239	2.224	0.015	94	7244257	500.0	491.6	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	94	2025904	500.0	503.7	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	100	4135503	500.0	485.1	
35 Acrylonitrile	53	2.339	2.325	0.014	93	7652172	5000.0	5099.8	
36 Tert-butyl ethyl ether	59	2.468	2.461	0.007	59	7696020	500.0	529.8	
37 Vinyl acetate	43	2.468	2.461	0.007	99	10588691	1000.0	1068.0	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	2289176	500.0	505.8	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	97	3180401	500.0	504.4	
40 Cyclohexane	56	2.783	2.776	0.007	92	2886189	500.0	509.8	
41 Chlorobromomethane	128	2.790	2.783	0.007	88	1050027	500.0	499.0	
42 Chloroform	83	2.848	2.840	0.008	98	3641222	500.0	490.4	
43 Carbon tetrachloride	117	2.933	2.934	-0.001	97	2810739	500.0	558.5	
44 Ethyl acetate	70	2.948	2.948	0.000	99	465375	1000.0	1027.0	
45 Methyl acrylate	55	2.948	2.948	0.000	89	1813281	500.0	510.4	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	1574643	1000.0	1038.3	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	86	140941	50.0	50.4	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	3230928	500.0	512.9	
* 49 2-Butanone-d5	46	3.041	3.034	0.007	0	276988	250.0	250.0	a
51 1,1-Dichloropropene	75	3.084	3.077	0.007	95	2985414	500.0	457.3	
50 2-Butanone (MEK)	72	3.077	3.077	0.000	100	1291449	2500.0	2598.3	
52 Isooctane	57	3.170	3.170	0.000	98	3411114	500.0	488.4	
54 Benzene	78	3.270	3.263	0.007	98	8742986	500.0	503.2	
53 n-Heptane	57	3.270	3.263	0.007	90	913207	500.0	496.0	
55 Propionitrile	54	3.320	3.285	0.035	92	3086765	5000.0	5539.6	
56 Methacrylonitrile	67	3.327	3.306	0.021	92	9226886	5000.0	5500.9	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.378	3.371	0.007	0	176248	50.0	49.7	
58 Tert-amyl methyl ether	73	3.385	3.378	0.007	98	6684306	500.0	539.3	
59 1,2-Dichloroethane	62	3.435	3.428	0.007	98	3162210	500.0	467.7	
60 Isobutyl alcohol	43	3.521	3.507	0.014	98	2141440	12500	15659	
61 t-Amyl alcohol	59	3.585	3.571	0.014	96	1502708	5000.0	5839.6	
* 62 Fluorobenzene	96	3.614	3.607	0.007	99	545149	50.0	50.0	
63 Isopropyl acetate	43	3.686	3.679	0.007	99	3966044	500.0	519.0	
64 Methylcyclohexane	83	3.743	3.736	0.007	95	2489284	500.0	515.8	
65 Trichloroethene	130	3.764	3.757	0.007	97	2343326	500.0	517.4	
66 2-ethoxy-2-methyl butane	59	4.008	4.001	0.007	93	5600483	500.0	528.7	
67 Dibromomethane	93	4.130	4.130	0.000	96	1435985	500.0	514.7	
68 n-Butanol	56	4.151	4.144	0.007	90	1410798	12500	12495	
69 1,2-Dichloropropane	63	4.223	4.216	0.007	85	2220910	500.0	494.0	
71 Ethyl acrylate	55	4.302	4.295	0.007	98	2727181	500.0	562.3	
70 Dichlorobromomethane	83	4.302	4.302	0.000	99	3110051	500.0	547.1	
* 72 1,4-Dioxane-d8	96	4.495	4.488	0.007	0	31906	1000.0	1000.0	
73 Methyl methacrylate	100	4.502	4.495	0.007	89	1211729	1000.0	1109.2	
74 1,4-Dioxane	88	4.524	4.509	0.015	95	480655	10000	9430.4	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	2851317	500.0	530.9	
76 2-Chloroethyl vinyl ether	63	4.918	4.911	0.007	96	1459676	500.0	555.4	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	3677374	500.0	578.0	
\$ 78 Toluene-d8 (Surr)	98	5.147	5.140	0.007	99	570651	50.0	49.1	
79 Toluene	91	5.204	5.197	0.007	93	9507505	500.0	492.1	
80 Epichlorohydrin	57	5.233	5.226	0.007	99	4046938	10000	11658	
81 2-Nitropropane	41	5.455	5.448	0.007	99	1292602	1000.0	999.5	
82 Tetrachloroethene	166	5.627	5.620	0.007	96	2135185	500.0	496.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.677	5.663	0.014	97	10178558	2500.0	2772.9	
84 trans-1,3-Dichloropropene	75	5.706	5.699	0.008	97	3627639	500.0	491.9	
85 1,1,2-Trichloroethane	83	5.877	5.870	0.007	93	1627020	500.0	515.3	
86 Ethyl methacrylate	69	5.956	5.949	0.007	89	2807553	500.0	569.1	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	2343112	500.0	608.4	
88 1,3-Dichloropropane	76	6.193	6.186	0.007	94	3407865	500.0	514.0	
89 Ethylene Dibromide	107	6.322	6.315	0.007	98	2015950	500.0	544.0	
90 n-Butyl acetate	43	6.665	6.658	0.007	98	3154442	500.0	564.4	
91 2-Hexanone	43	6.730	6.723	0.007	96	7115911	2500.0	2993.1	
* 92 Chlorobenzene-d5	117	7.016	7.009	0.007	89	469986	50.0	50.0	
93 Chlorobenzene	112	7.038	7.031	0.007	93	6116535	500.0	500.6	
94 Ethylbenzene	106	7.124	7.110	0.014	99	3341286	500.0	520.4	a
95 1,1,1,2-Tetrachloroethane	131	7.153	7.138	0.014	94	2269996	500.0	576.2	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	4004137	500.0	532.1	a
97 o-Xylene	106	7.926	7.919	0.007	94	3924944	500.0	516.0	a
98 Bromoform	173	7.983	7.984	-0.001	96	1612817	500.0	488.8	
99 Styrene	104	8.012	8.005	0.007	96	6946154	500.0	572.0	
100 n-Butyl acrylate	73	8.334	8.327	0.007	96	1707950	500.0	499.8	
101 Isopropylbenzene	105	8.406	8.399	0.007	97	9065120	500.0	506.2	
102 Amyl acetate (mixed isomer)	43	8.750	8.743	0.007	90	4073481	500.0	489.3	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	89	190702	50.0	51.3	
104 Bromobenzene	156	8.886	8.886	0.000	95	2755818	500.0	487.9	
105 N-Propylbenzene	91	9.044	9.036	0.008	99	10154717	500.0	495.5	
106 1,1,2,2-Tetrachloroethane	83	9.194	9.180	0.014	97	2517757	500.0	504.9	
107 2-Chlorotoluene	91	9.215	9.208	0.007	97	8034160	500.0	509.6	
108 4-Ethyltoluene	105	9.237	9.230	0.007	98	8974633	500.0	505.1	
109 1,2,3-Trichloropropane	110	9.323	9.316	0.007	96	750448	500.0	496.4	
110 1,3,5-Trimethylbenzene	105	9.395	9.387	0.008	93	7400216	500.0	515.3	
111 trans-1,4-Dichloro-2-buten	53	9.452	9.445	0.007	86	843581	500.0	499.7	
112 4-Chlorotoluene	91	9.488	9.481	0.007	98	7442955	500.0	514.4	
113 tert-Butylbenzene	119	9.853	9.846	0.007	93	5640203	500.0	493.0	
115 Butyl Methacrylate	87	9.989	9.982	0.007	95	3527906	500.0	499.7	
114 1,2,4-Trimethylbenzene	105	9.989	9.982	0.007	98	8289568	500.0	527.6	
116 sec-Butylbenzene	105	10.147	10.140	0.007	98	7732264	500.0	496.9	
117 1,3-Dichlorobenzene	146	10.412	10.405	0.007	95	4784814	500.0	516.4	
118 4-Isopropyltoluene	119	10.433	10.419	0.014	97	7043594	500.0	516.1	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	97	276844	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.569	10.555	0.014	93	4872037	500.0	478.4	
121 1,2,3-Trimethylbenzene	105	10.677	10.662	0.015	99	8536072	500.0	502.1	
122 2,3-Dihydroindene	117	10.849	10.842	0.007	94	8845794	500.0	514.3	
123 Benzyl chloride	126	11.021	11.013	0.008	97	1027754	500.0	499.6	
124 p-Diethylbenzene	119	11.042	11.035	0.007	93	3581860	500.0	534.2	
125 n-Butylbenzene	91	11.121	11.114	0.007	98	5820328	500.0	536.5	
126 1,2-Dichlorobenzene	146	11.228	11.221	0.007	97	4701207	500.0	513.3	
127 1,2,4,5-Tetramethylbenzene	119	12.152	12.145	0.007	97	6593774	500.0	561.2	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.289	0.000	95	545288	500.0	486.6	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	97	2696520	500.0	502.5	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	94	2719011	500.0	548.5	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	95	1061277	500.0	535.8	
132 Naphthalene	128	13.306	13.306	0.000	99	6903565	500.0	638.4	
133 1,2,3-Trichlorobenzene	180	13.477	13.478	-0.001	95	2443659	500.0	534.5	a
S 134 1,2-Dichloroethene, Total	100				0		1000.0	987.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		1000.0	1069.8	
S 136 Xylenes, Total	100				0		1000.0	1048.1	
S 137 Total BTEX	1				0		2500.0	2563.9	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 1 Hi_00101	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00077	Amount Added: 50.00	Units: uL	
Ethanol mix_00022	Amount Added: 50.00	Units: uL	
GAS Hi_00285	Amount Added: 50.00	Units: uL	
ACROLEIN W_00084	Amount Added: 50.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D

Injection Date: 20-Dec-2018 10:10:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

Worklist Smp#: 10

Purge Vol: 5.000 mL

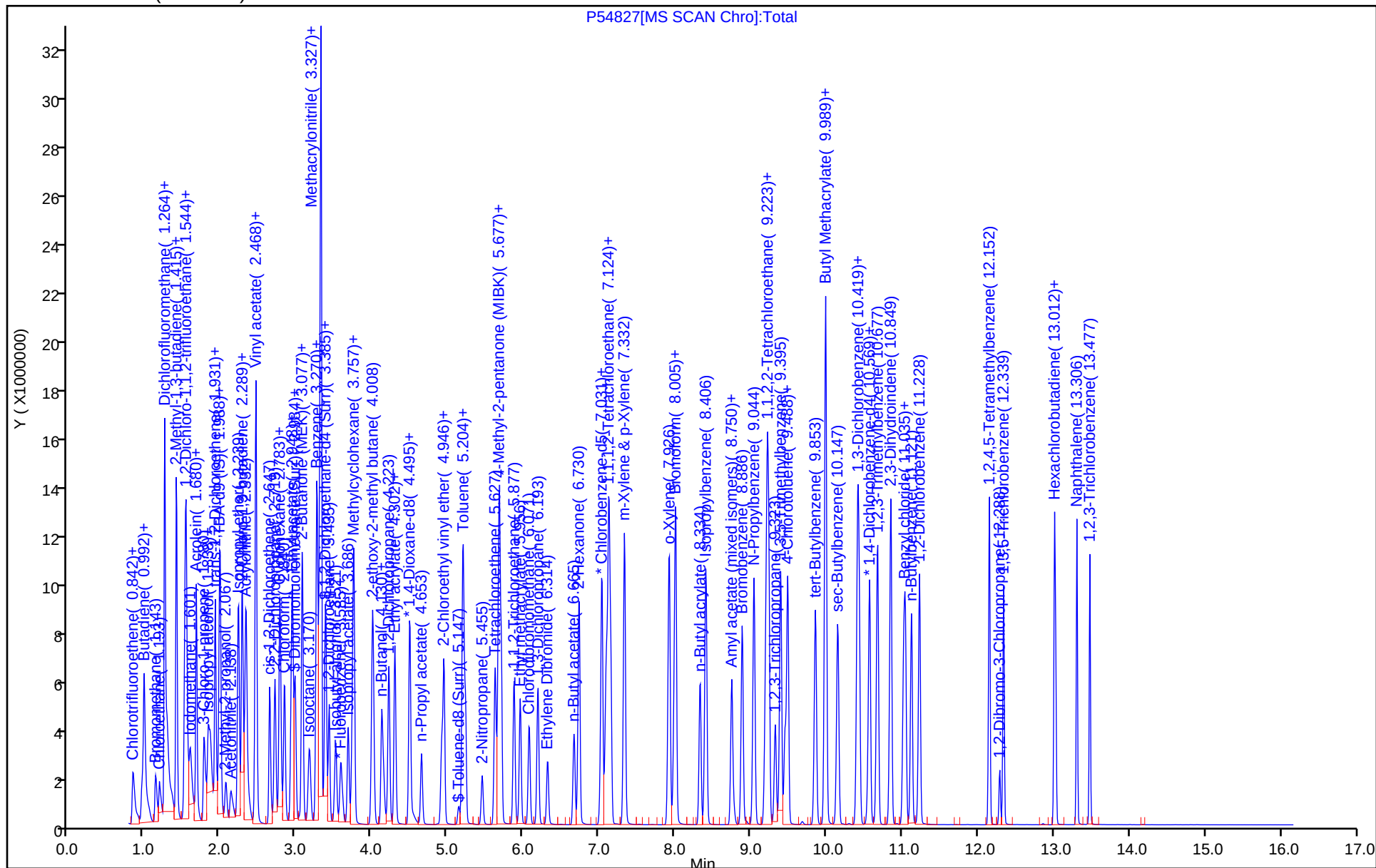
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D

Injection Date: 20-Dec-2018 10:10:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

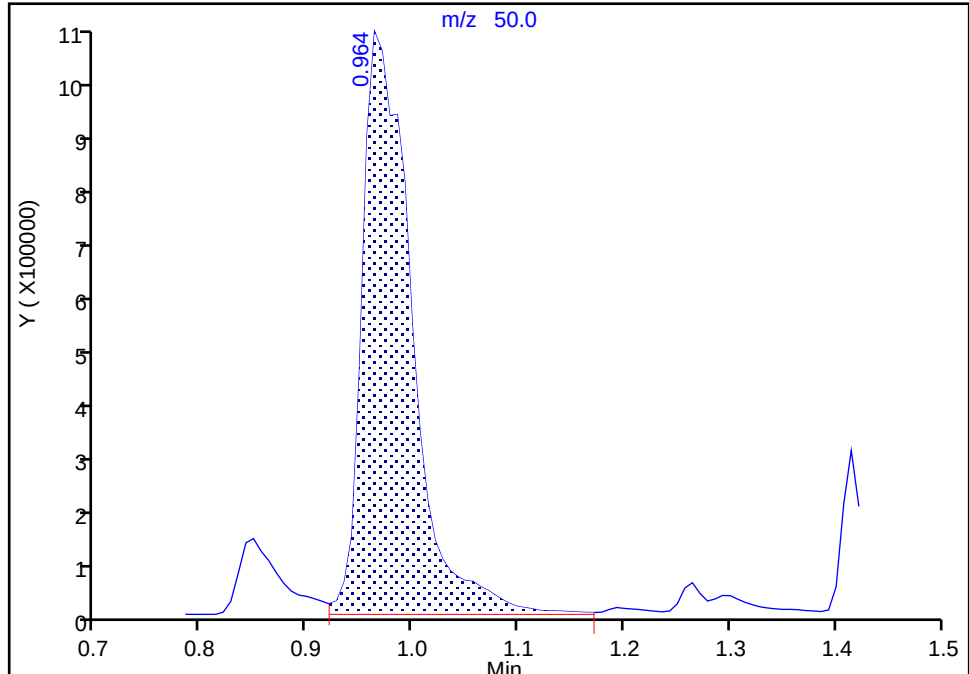
Detector: MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

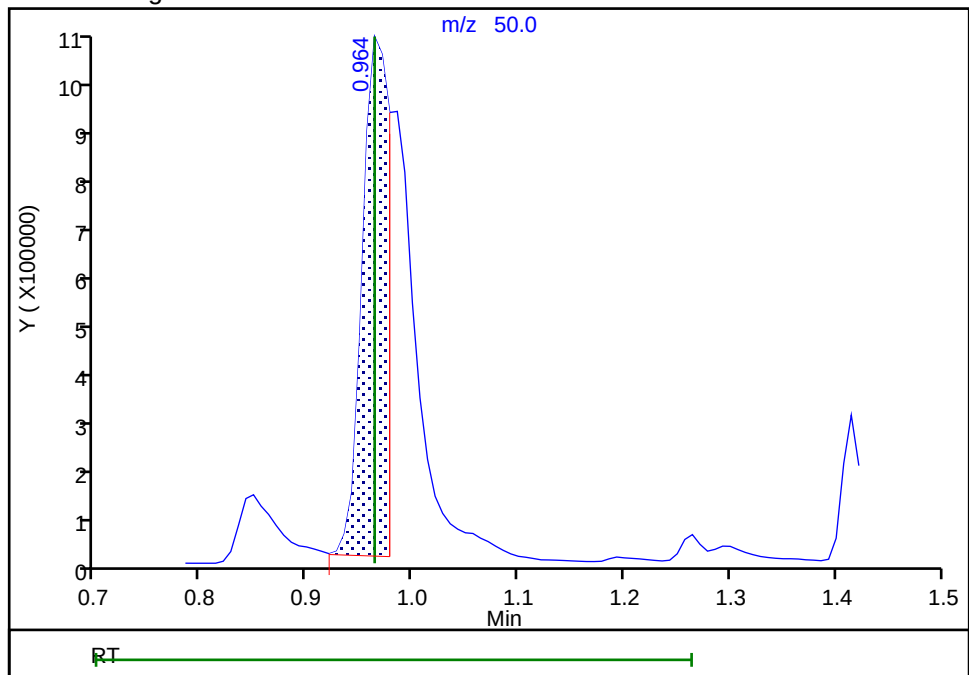
RT: 0.96
Area: 3373912
Amount: 500.0821
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 1845533
Amount: 637.6098
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 20-Dec-2018 16:50:34

Audit Action: Manually Integrated

Audit Reason: Baseline

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D

Injection Date: 20-Dec-2018 10:10:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

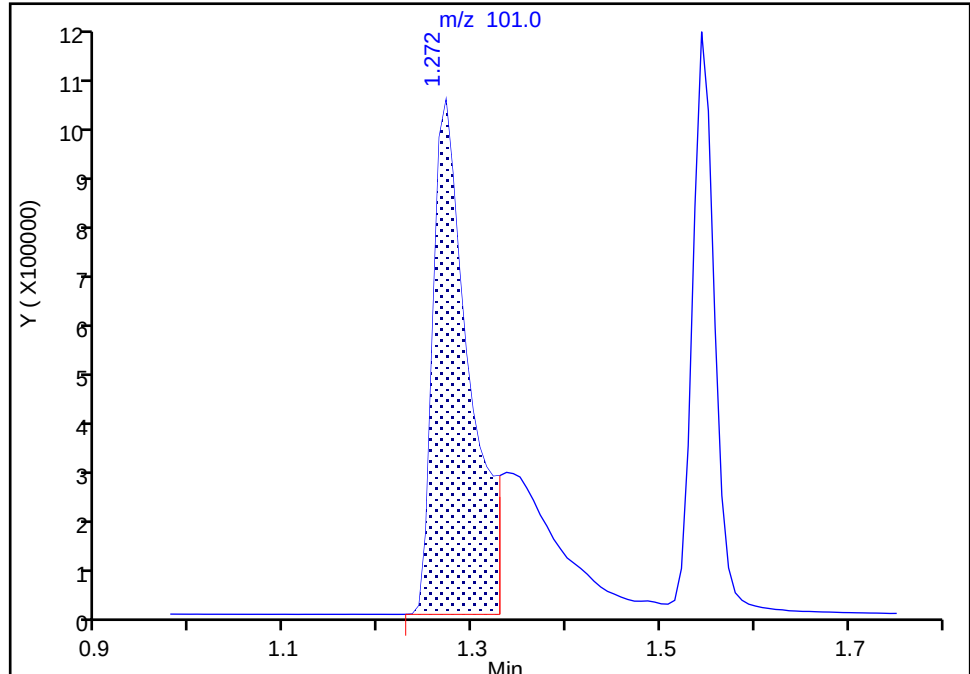
Detector: MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

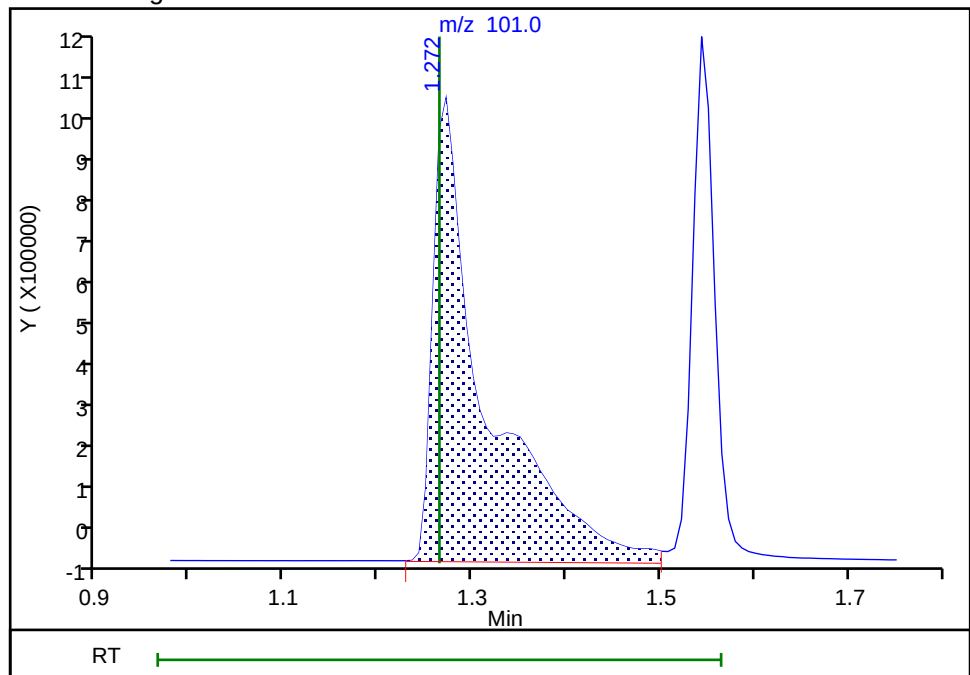
RT: 1.27
Area: 2831194
Amount: 419.9248
Amount Units: ug/l

Processing Integration Results



RT: 1.27
Area: 4110483
Amount: 577.2383
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:41:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D

Injection Date: 20-Dec-2018 10:10:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

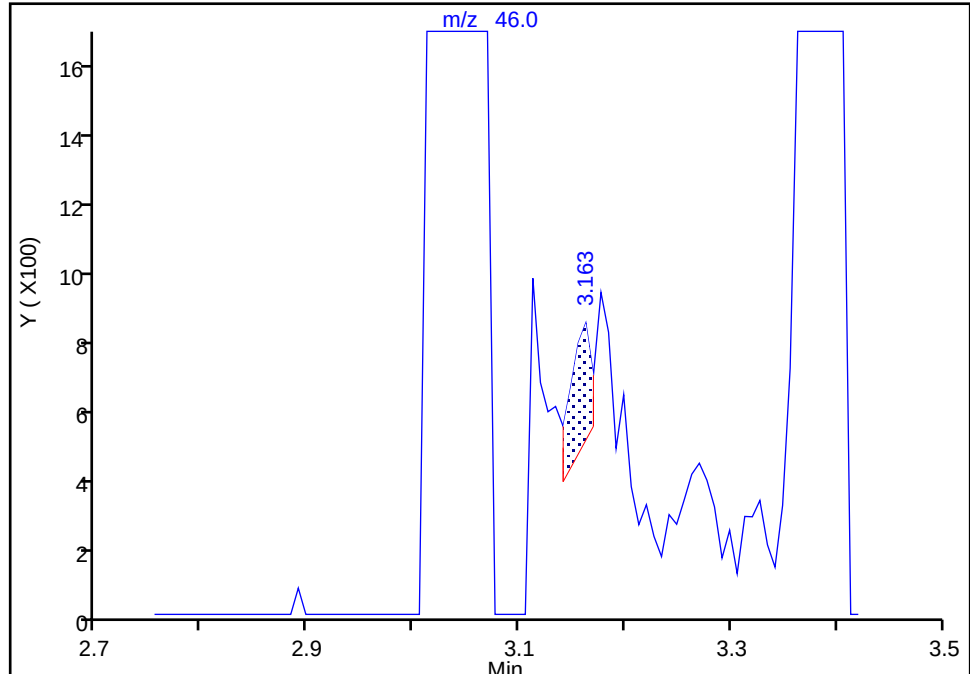
Detector: MS SCAN

* 49 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

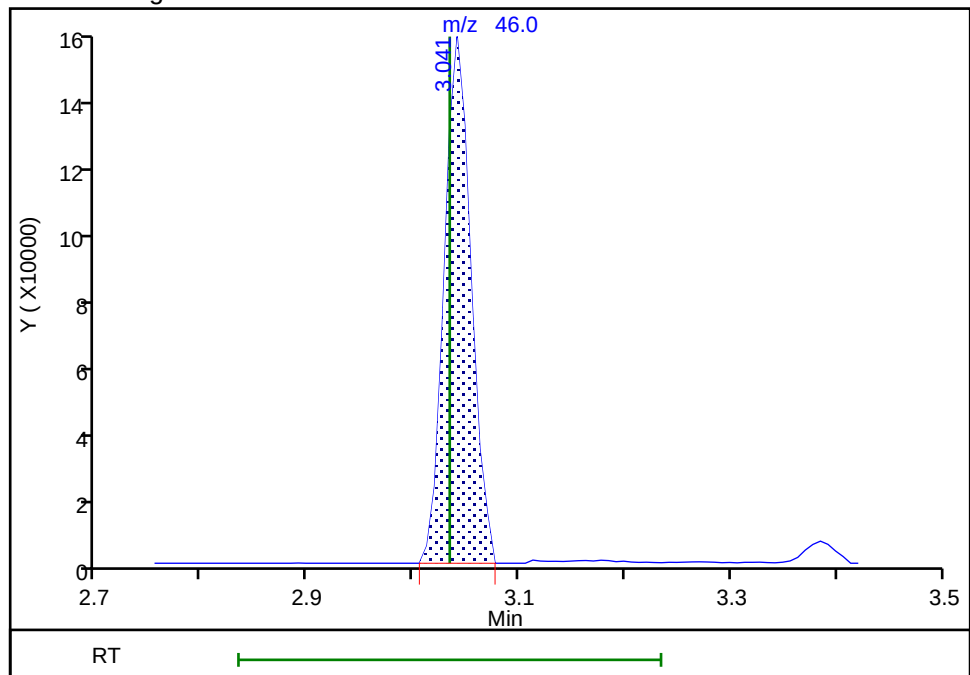
RT: 3.16
Area: 503
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 3.04
Area: 276988
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:41:25

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D

Injection Date: 20-Dec-2018 10:10:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

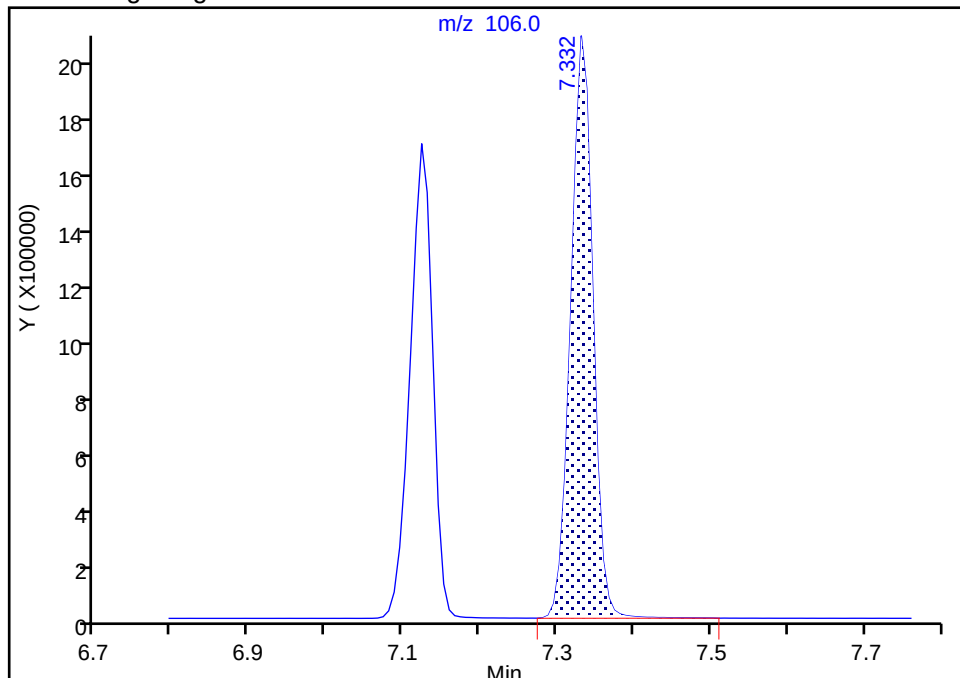
MS SCAN

94 Ethylbenzene, CAS: 100-41-4

Signal: 1

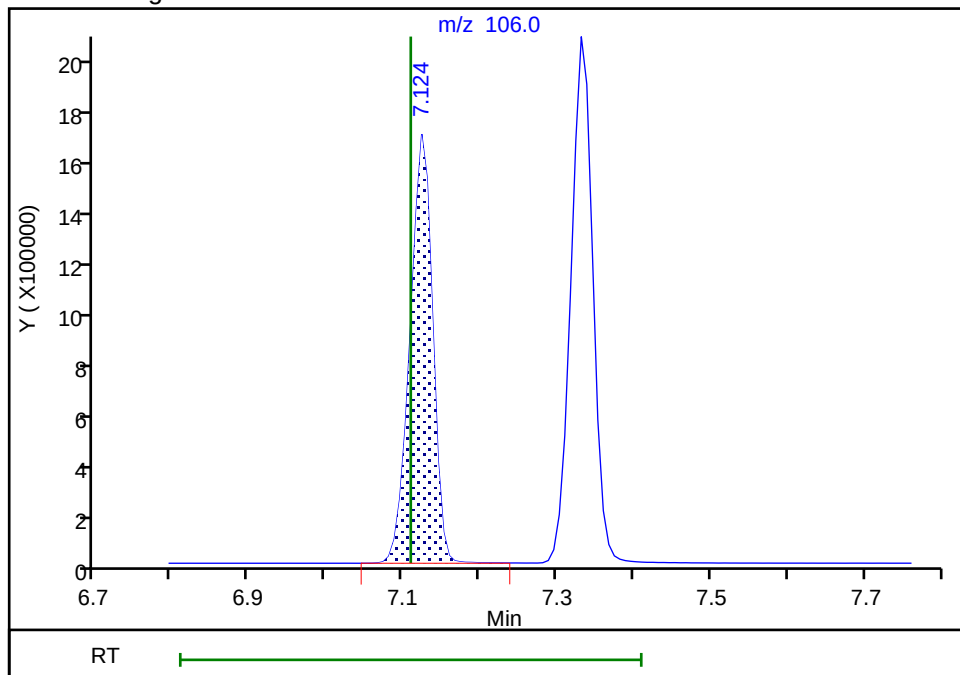
RT: 7.33
Area: 4004137
Amount: 576.2483
Amount Units: ug/l

Processing Integration Results



RT: 7.12
Area: 3341286
Amount: 520.4199
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:41:41

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D

Injection Date: 20-Dec-2018 10:10:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

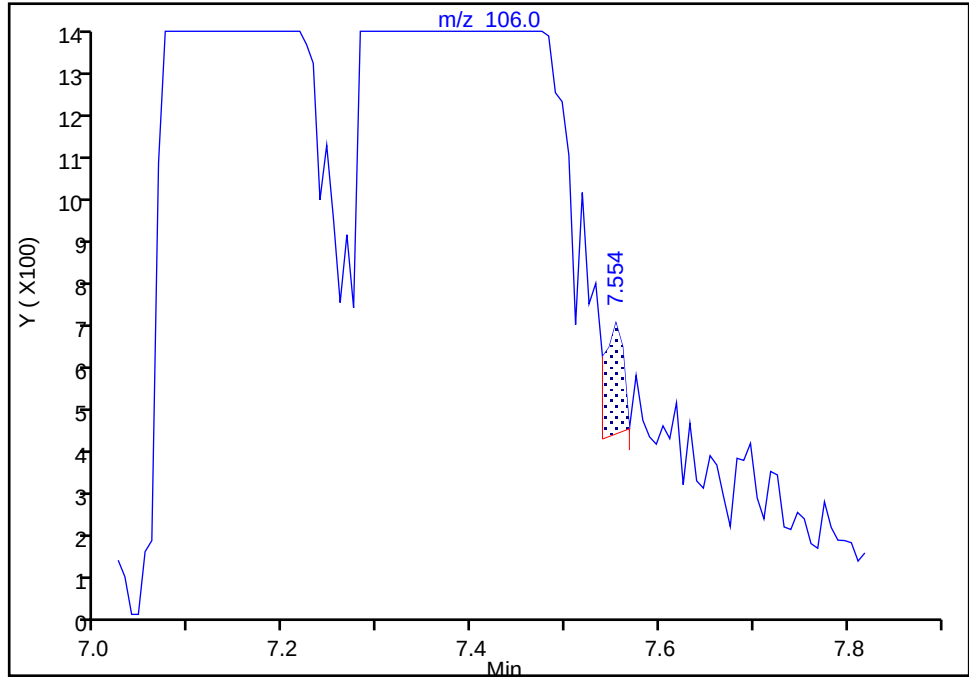
MS SCAN

96 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

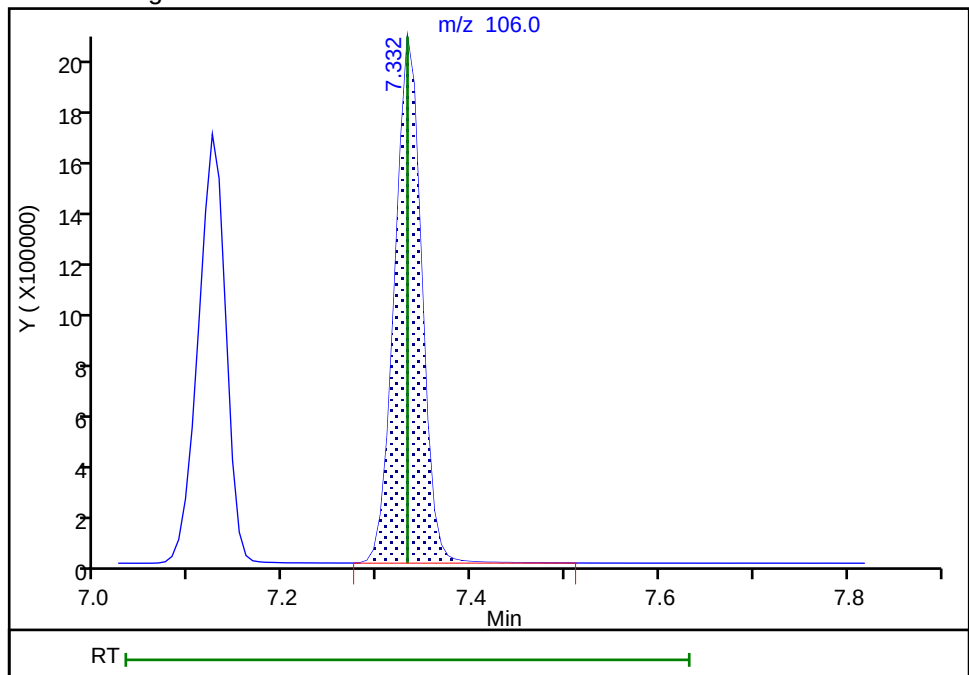
RT: 7.55
Area: 370
Amount: 0.109925
Amount Units: ug/l

Processing Integration Results



RT: 7.33
Area: 4004137
Amount: 532.1438
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:41:46

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D

Injection Date: 20-Dec-2018 10:10:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

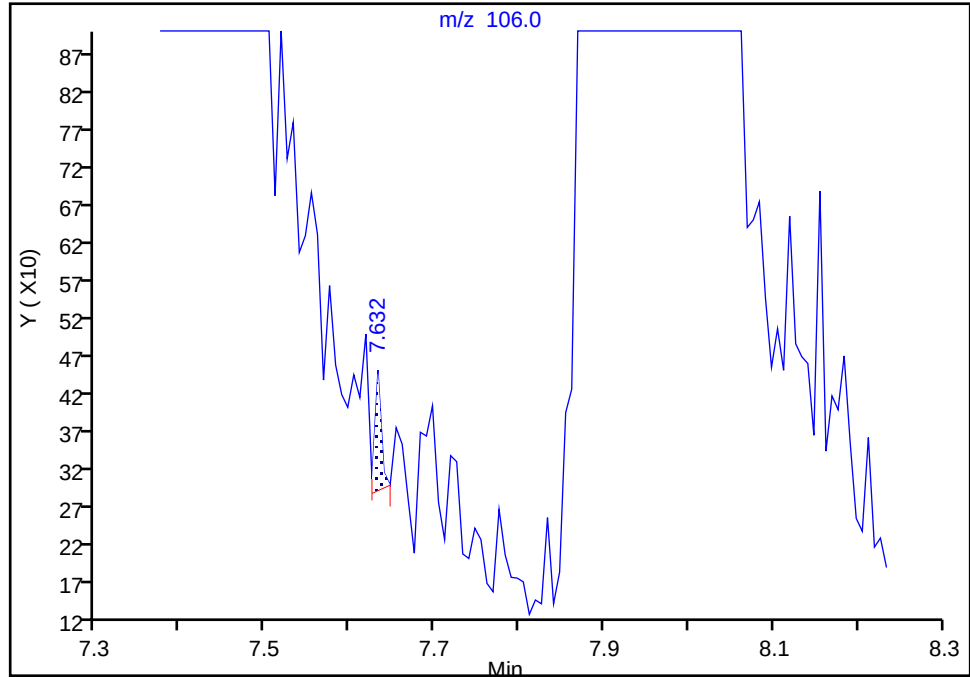
Detector: MS SCAN

97 o-Xylene, CAS: 95-47-6

Signal: 1

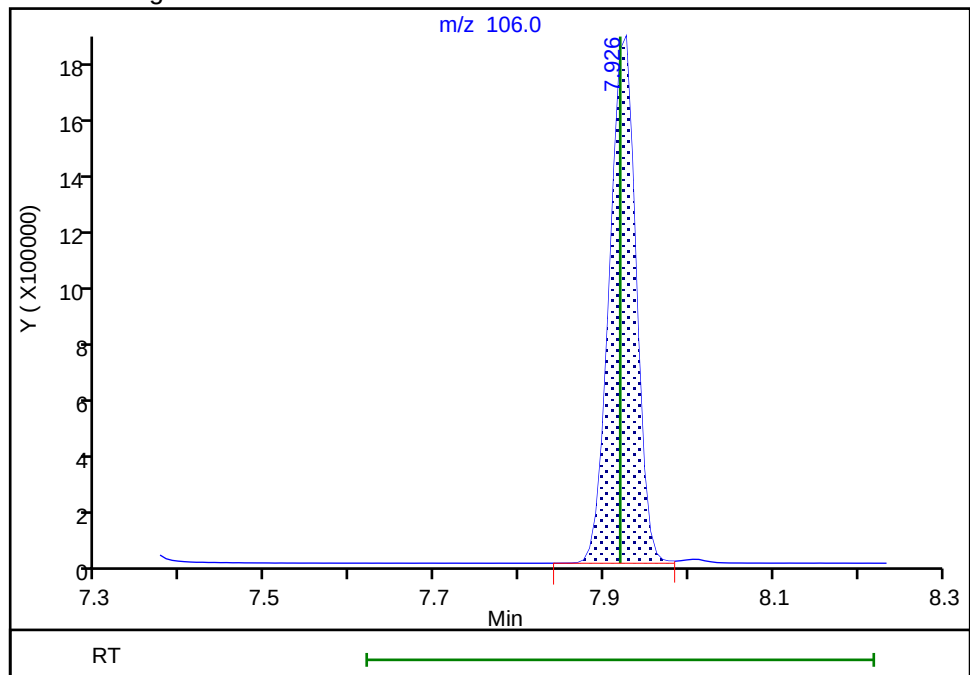
RT: 7.63
Area: 86
Amount: 0.016164
Amount Units: ug/l

Processing Integration Results



RT: 7.93
Area: 3924944
Amount: 515.9975
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 09:41:50

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D

Injection Date: 20-Dec-2018 10:10:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

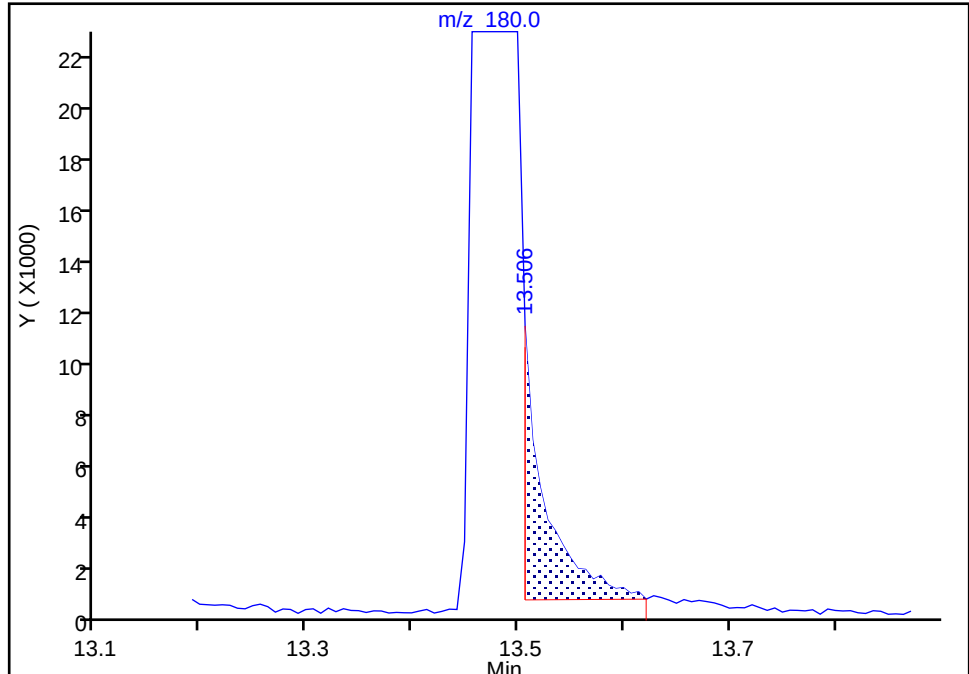
MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

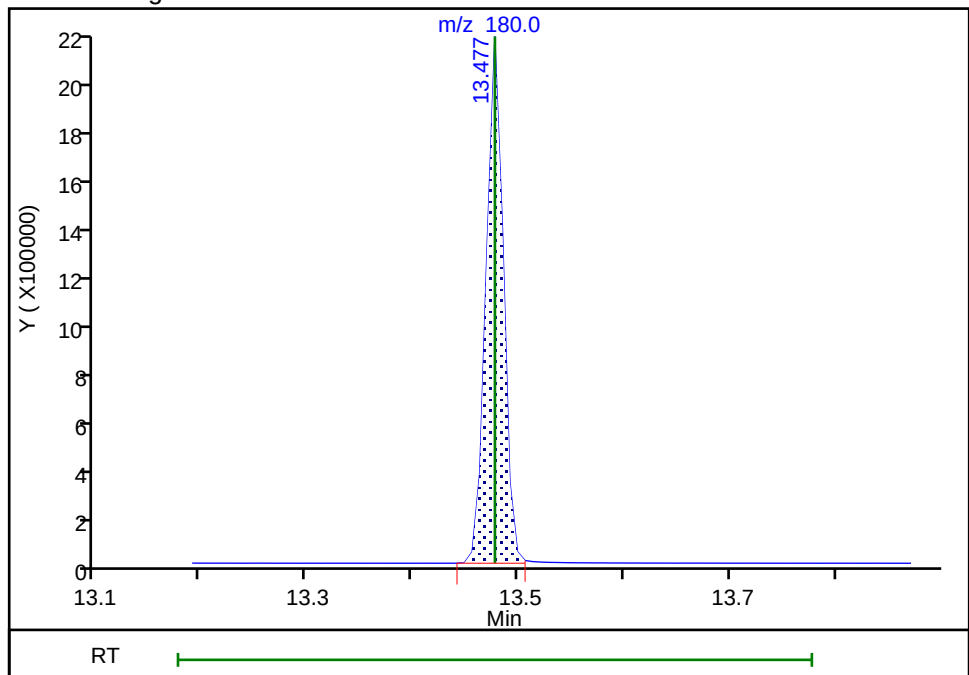
RT: 13.51
Area: 15785
Amount: 4.070646
Amount Units: ug/l

Processing Integration Results



RT: 13.48
Area: 2443659
Amount: 534.5489
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 20-Dec-2018 10:00:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Lab Sample ID: CCVIS 460-576929/3 Calibration Date: 12/18/2018 21:19

Instrument ID: CVOAMS13 Calib Start Date: 12/05/2018 14:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/05/2018 17:44

Lab File ID: P54758.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
Chlorotrifluoroethene	Ave	0.0665	0.1051		31.6	20.0	58.0*	20.0
Dichlorodifluoromethane	Ave	0.3054	0.3232	0.1000	21.2	20.0	5.8	20.0
Chloromethane	Ave	0.3273	0.1804	0.1000	11.0	20.0	-44.9*	20.0
Butadiene	Ave	0.3235	0.2388		14.8	20.0	-26.2*	20.0
Vinyl chloride	Ave	0.3424	0.3002	0.1000	17.5	20.0	-12.3	20.0
Bromomethane	Ave	1.608	2.147	0.1000	26.7	20.0	33.5	50.0
Chloroethane	Ave	0.2195	0.2210	0.1000	20.1	20.0	0.7	50.0
Pentane	Ave	2.110	2.620		49.7	40.0	24.2*	20.0
Trichlorofluoromethane	Ave	0.4451	0.5258	0.1000	23.6	20.0	18.1	20.0
Dichlorofluoromethane	Ave	0.5523	0.6090		22.1	20.0	10.3	20.0
2-Methyl-1,3-butadiene	Ave	0.3491	0.4228		24.2	20.0	21.1*	20.0
Ethyl ether	Ave	0.2600	0.2529		19.5	20.0	-2.7	20.0
Ethanol	Ave	0.0750	0.0309		330	800	-58.8*	50.0
1,1-Dichloroethene	Ave	0.2664	0.3187	0.1000	23.9	20.0	19.6	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3300	0.3937		23.9	20.0	19.3	20.0
Carbon disulfide	Ave	0.8823	0.9205	0.1000	20.9	20.0	4.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2315	0.3087	0.1000	26.7	20.0	33.3*	20.0
Iodomethane	Ave	0.2134	0.1772		16.6	20.0	-17.0	20.0
Cyclopentene	Ave	0.6225	0.7683		24.7	20.0	23.4*	20.0
Acrolein	Ave	2.027	1.263		24.9	40.0	-37.7	50.0
Allyl chloride	Ave	0.1689	0.1887		22.3	20.0	11.7	20.0
Isopropyl alcohol	Ave	0.9113	0.7474		164	200	-18.0	50.0
Methylene Chloride	Ave	0.3251	0.3660	0.1000	22.5	20.0	12.6	20.0
Acetone	Ave	0.9180	0.9341	0.0500	102	100	1.8	50.0
trans-1,2-Dichloroethene	Ave	0.3186	0.3611	0.1000	22.7	20.0	13.4	20.0
Methyl acetate	Ave	9.588	8.344	0.1000	34.8	40.0	-13.0	20.0
Hexane	QuaF		0.0597		15.1	20.0	-24.6*	20.0
Methyl tert-butyl ether	Ave	0.9014	0.9922	0.1000	22.0	20.0	10.1	20.0
2-Methyl-2-propanol	Ave	1.461	1.313		180	200	-10.1	50.0
Acetonitrile	Ave	1.784	1.401		157	200	-21.5*	20.0
Isopropyl ether	Ave	1.186	0.9786		16.5	20.0	-17.5	20.0
2-Chloro-1,3-butadiene	Ave	0.2759	0.3249		23.6	20.0	17.8	20.0
1,1-Dichloroethane	Ave	0.5929	0.6166	0.2000	20.8	20.0	4.0	20.0
Acrylonitrile	Ave	0.1151	0.0980		170	200	-14.9	20.0
Tert-butyl ethyl ether	Ave	1.088	1.033		19.0	20.0	-5.1	20.0
Vinyl acetate	Ave	0.7962	0.6641		33.4	40.0	-16.6	20.0
cis-1,2-Dichloroethene	Ave	0.3564	0.3914	0.1000	22.0	20.0	9.8	20.0
2,2-Dichloropropane	Ave	0.4750	0.5508		23.2	20.0	16.0	20.0
Cyclohexane	Ave	0.4910	0.4432	0.1000	18.1	20.0	-9.7	50.0
Chlorobromomethane	Ave	0.1757	0.1907		21.7	20.0	8.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Lab Sample ID: CCVIS 460-576929/3 Calibration Date: 12/18/2018 21:19

Instrument ID: CVOAMS13 Calib Start Date: 12/05/2018 14:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/05/2018 17:44

Lab File ID: P54758.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
Chloroform	Ave	0.5452	0.6353	0.2000	23.3	20.0	16.5	20.0
Carbon tetrachloride	Ave	0.4161	0.4642	0.1000	22.3	20.0	11.6	20.0
Ethyl acetate	Ave	0.3614	0.4260		47.2	40.0	17.9	20.0
Methyl acrylate	Ave	0.2611	0.2385		18.3	20.0	-8.7	20.0
Tetrahydrofuran	Ave	1.246	1.247		40.0	40.0	0.0	20.0
1,1,1-Trichloroethane	Ave	0.4903	0.5861	0.1000	23.9	20.0	19.5	20.0
2-Butanone (MEK)	Ave	0.3429	0.4644	0.0500	135	100	35.4	50.0
1,1-Dichloropropene	Ave	0.4414	0.4976		22.5	20.0	12.7	20.0
2,2,4-Trimethylpentane	Ave	0.9621	0.6022		12.5	20.0	-37.4*	20.0
Benzene	Ave	1.519	1.711	0.5000	22.5	20.0	12.6	20.0
n-Heptane	Ave	0.2319	0.1424		12.3	20.0	-38.6*	20.0
Propionitrile	Ave	2.050	1.858		181	200	-9.3	20.0
Methacrylonitrile	Ave	0.1157	0.1251		216	200	8.1	20.0
Tert-amyl methyl ether	Ave	0.9239	0.9893		21.4	20.0	7.1	20.0
1,2-Dichloroethane	Ave	0.4943	0.5033	0.1000	20.4	20.0	1.8	20.0
Isobutyl alcohol	Ave	0.5915	0.4224		357	500	-28.6	50.0
Isopropyl acetate	Ave	0.6278	0.4826		15.4	20.0	-23.1*	20.0
Methylcyclohexane	Ave	0.4805	0.4151	0.1000	17.3	20.0	-13.6	50.0
Trichloroethene	Ave	0.3688	0.4073	0.2000	22.1	20.0	10.4	20.0
Dibromomethane	Ave	0.2078	0.2414		23.2	20.0	16.1	20.0
n-Butanol	Lin2		0.3091		417	500	-16.7	50.0
1,2-Dichloropropane	Ave	0.3455	0.3410	0.1000	19.7	20.0	-1.3	20.0
Ethyl acrylate	Lin2		0.3507		16.8	20.0	-15.8	20.0
Bromodichloromethane	Ave	0.4193	0.4712	0.2000	22.5	20.0	12.4	20.0
Methyl methacrylate	Lin2		0.0897		41.3	40.0	3.1	20.0
1,4-Dioxane	Ave	1.359	1.514		446	400	11.5	50.0
n-Propyl acetate	Ave	0.4277	0.3545		16.6	20.0	-17.1	20.0
2-Chloroethyl vinyl ether	Ave	0.2130	0.2115		19.9	20.0	-0.7	20.0
cis-1,3-Dichloropropene	Ave	0.6017	0.6340	0.2000	21.1	20.0	5.4	50.0
Toluene	Ave	1.696	1.927	0.4000	22.7	20.0	13.6	20.0
Epichlorohydrin	Ave	0.2781	0.3223		463	400	15.9	20.0
2-Nitropropane	Ave	0.0887	0.0630		28.4	40.0	-28.9*	20.0
Tetrachloroethene	Ave	0.4267	0.4270	0.2000	20.0	20.0	0.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.950	3.203	0.0500	109	100	8.6	50.0
trans-1,3-Dichloropropene	Ave	0.5325	0.5850	0.1000	22.0	20.0	9.9	50.0
1,1,2-Trichloroethane	Ave	0.2787	0.3023	0.1000	21.7	20.0	8.5	20.0
Ethyl methacrylate	Ave	0.3827	0.4007		20.9	20.0	4.7	20.0
Chlorodibromomethane	Ave	0.3926	0.4108	0.1000	20.9	20.0	4.6	50.0
1,3-Dichloropropane	Ave	0.5598	0.6485		23.2	20.0	15.9	20.0
Ethylene Dibromide	Ave	0.3541	0.3785	0.1000	21.4	20.0	6.9	20.0
n-Butyl acetate	Ave	0.5821	0.4673		16.1	20.0	-19.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Lab Sample ID: CCVIS 460-576929/3 Calibration Date: 12/18/2018 21:19

Instrument ID: CVOAMS13 Calib Start Date: 12/05/2018 14:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/05/2018 17:44

Lab File ID: P54758.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
2-Hexanone	Ave	1.928	2.201	0.0500	114	100	14.2	50.0
Chlorobenzene	Ave	1.143	1.272	0.5000	22.3	20.0	11.3	20.0
Ethylbenzene	Ave	0.6371	0.6739	0.1000	21.2	20.0	5.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3948	0.4091		20.7	20.0	3.6	20.0
m-Xylene & p-Xylene	Ave	0.7725	0.8026	0.1000	20.8	20.0	3.9	20.0
o-Xylene	Ave	0.7442	0.7908	0.3000	21.3	20.0	6.3	20.0
Bromoform	Qua2		0.2169	0.1000	18.7	20.0	-6.3	20.0
Styrene	Ave	1.192	1.307	0.3000	21.9	20.0	9.6	20.0
n-Butyl acrylate	Ave	0.2432	0.2333		19.2	20.0	-4.1	20.0
Isopropylbenzene	Ave	1.941	1.848	0.1000	19.1	20.0	-4.7	20.0
Amyl acetate (mixed isomers)	Ave	1.177	0.9499		16.1	20.0	-19.3	20.0
Bromobenzene	Ave	0.8738	0.9431		21.6	20.0	7.9	20.0
N-Propylbenzene	Ave	3.881	3.770		19.4	20.0	-2.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7000	0.8101	0.3000	23.1	20.0	15.7	20.0
2-Chlorotoluene	Ave	2.665	2.829		21.2	20.0	6.2	20.0
4-Ethyltoluene	Ave	3.487	3.251		18.6	20.0	-6.8	20.0
1,2,3-Trichloropropane	Ave	0.2309	0.2569		22.3	20.0	11.3	20.0
1,3,5-Trimethylbenzene	Ave	2.861	2.682		18.7	20.0	-6.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2224	0.1735		15.6	20.0	-22.0*	20.0
4-Chlorotoluene	Ave	2.457	2.599		21.2	20.0	5.8	20.0
tert-Butylbenzene	Ave	2.523	2.100		16.6	20.0	-16.8	20.0
1,2,4-Trimethylbenzene	Ave	2.998	2.843		19.0	20.0	-5.2	20.0
Butyl Methacrylate	Qua2		0.7824		19.9	20.0	-0.6	20.0
sec-Butylbenzene	Ave	3.608	2.835		15.7	20.0	-21.4*	20.0
1,3-Dichlorobenzene	Ave	1.752	1.631	0.6000	18.6	20.0	-6.9	20.0
4-Isopropyltoluene	Ave	3.295	2.550		15.5	20.0	-22.6*	20.0
1,4-Dichlorobenzene	Ave	1.818	1.703	0.5000	18.7	20.0	-6.3	20.0
1,2,3-Trimethylbenzene	Ave	3.134	3.071		19.6	20.0	-2.0	20.0
Indan	Ave	3.136	3.116		19.9	20.0	-0.6	20.0
Benzyl chloride	Ave	0.2729	0.1912		14.0	20.0	-29.9	50.0
p-Diethylbenzene	Ave	1.716	1.291		15.0	20.0	-24.8*	20.0
n-Butylbenzene	Ave	2.670	2.078		15.6	20.0	-22.2*	20.0
1,2-Dichlorobenzene	Ave	1.659	1.636	0.4000	19.7	20.0	-1.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.905	2.291		15.8	20.0	-21.1*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1382	0.1444	0.0500	20.9	20.0	4.5	50.0
1,3,5-Trichlorobenzene	Ave	1.254	0.9322		14.9	20.0	-25.6*	20.0
1,2,4-Trichlorobenzene	Ave	1.097	0.8473	0.2000	15.5	20.0	-22.7*	20.0
Hexachlorobutadiene	Ave	0.5144	0.3477		13.5	20.0	-32.4*	20.0
Naphthalene	Ave	2.067	1.901		18.4	20.0	-8.0	50.0
1,2,3-Trichlorobenzene	Ave	0.9784	0.7647		15.6	20.0	-21.8*	20.0
Dibromofluoromethane (Surr)	Ave	0.2222	0.2536		57.1	50.0	14.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Lab Sample ID: CCVIS 460-576929/3 Calibration Date: 12/18/2018 21:19
Instrument ID: CVOAMS13 Calib Start Date: 12/05/2018 14:47
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/05/2018 17:44
Lab File ID: P54758.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.2555	0.2933		57.4	50.0	14.8	20.0
Toluene-d8 (Surr)	Ave	1.067	1.215		56.9	50.0	13.8	20.0
4-Bromofluorobenzene	Ave	0.3509	0.3642		51.9	50.0	3.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54758.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 18-Dec-2018 21:19:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0083832-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub51
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:09:37 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0319

First Level Reviewer: parekhv

Date: 18-Dec-2018 20:44:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	95	19992	20.0	31.6	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	61492	20.0	21.2	
3 Chloromethane	50	0.964	0.964	0.000	6	34329	20.0	11.0	a
4 Vinyl chloride	62	0.985	0.985	0.000	83	57110	20.0	17.5	
5 Butadiene	54	0.985	0.985	0.000	96	45428	20.0	14.8	
6 Bromomethane	94	1.136	1.136	0.000	98	33365	20.0	26.7	
7 Chloroethane	64	1.200	1.200	0.000	100	42053	20.0	20.1	
8 Trichlorofluoromethane	101	1.265	1.265	0.000	84	100045	20.0	23.6	
9 Pentane	72	1.265	1.265	0.000	95	19476	40.0	49.7	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	115871	20.0	22.1	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	98	80451	20.0	24.2	
12 Ethyl ether	59	1.422	1.422	0.000	94	48125	20.0	19.5	
13 Ethanol	46	1.494	1.494	0.000	98	4592	800.0	329.6	
14 1,1-Dichloroethene	96	1.523	1.523	0.000	98	60636	20.0	23.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.523	1.523	0.000	82	74899	20.0	23.9	
16 Carbon disulfide	76	1.537	1.537	0.000	100	175134	20.0	20.9	
17 1,1,2-Trichloro-1,2,2-trif	101	1.544	1.544	0.000	97	58739	20.0	26.7	
18 Iodomethane	142	1.601	1.601	0.000	99	33706	20.0	16.6	
19 Cyclopentene	67	1.680	1.680	0.000	96	146189	20.0	24.7	
20 Acrolein	56	1.702	1.702	0.000	96	9387	40.0	24.9	
21 3-Chloro-1-propene	76	1.773	1.773	0.000	86	35900	20.0	22.3	
22 Isopropyl alcohol	45	1.802	1.802	0.000	95	27777	200.0	164.0	
23 Methylene Chloride	84	1.845	1.845	0.000	92	69629	20.0	22.5	
24 Acetone	43	1.859	1.859	0.000	86	72586	100.0	101.8	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	94	68713	20.0	22.7	
26 Methyl acetate	43	1.938	1.938	0.000	97	62022	40.0	34.8	
27 Hexane	86	1.974	1.974	0.000	92	11361	20.0	15.1	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	95	188779	20.0	22.0	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	185828	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	48806	200.0	179.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	98	52054	200.0	157.0	
32 Isopropyl ether	45	2.224	2.224	0.000	93	186206	20.0	16.5	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	93	61823	20.0	23.6	
34 1,1-Dichloroethane	63	2.289	2.289	0.000	100	117314	20.0	20.8	
35 Acrylonitrile	53	2.325	2.325	0.000	94	186403	200.0	170.2	
36 Tert-butyl ethyl ether	59	2.454	2.454	0.000	90	196504	20.0	19.0	
37 Vinyl acetate	43	2.461	2.461	0.000	99	252714	40.0	33.4	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	98	74475	20.0	22.0	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	104793	20.0	23.2	
40 Cyclohexane	56	2.776	2.776	0.000	88	84327	20.0	18.1	
41 Chlorobromomethane	128	2.783	2.783	0.000	87	36292	20.0	21.7	
42 Chloroform	83	2.841	2.841	0.000	98	120883	20.0	23.3	
43 Carbon tetrachloride	117	2.934	2.934	0.000	98	88326	20.0	22.3	
44 Ethyl acetate	70	2.948	2.948	0.000	99	13242	40.0	47.2	
45 Methyl acrylate	55	2.948	2.948	0.000	90	45375	20.0	18.3	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	38745	40.0	40.0	
\$ 47 Dibromofluoromethane (Surr	113	2.969	2.969	0.000	95	120652	50.0	57.1	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	96	111512	20.0	23.9	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	194262	250.0	250.0	
50 2-Butanone (MEK)	72	3.070	3.070	0.000	98	36087	100.0	135.4	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	97	94685	20.0	22.5	
53 n-Heptane	57	3.263	3.263	0.000	78	27092	20.0	12.3	a
52 Isooctane	57	3.170	3.170	0.000	97	114581	20.0	12.5	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.371	0.000	0	139509	50.0	57.4	
54 Benzene	78	3.263	3.263	0.000	94	276879	20.0	22.5	
55 Propionitrile	54	3.285	3.285	0.000	99	69064	200.0	181.3	
56 Methacrylonitrile	67	3.306	3.306	0.000	90	238107	200.0	216.2	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	98	188240	20.0	21.4	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	95754	20.0	20.4	
60 Isobutyl alcohol	43	3.507	3.507	0.000	98	39247	500.0	357.1	
61 t-Amyl alcohol	59	3.571	3.571	0.000	95	31170	200.0	162.9	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	475676	50.0	50.0	
63 Isopropyl acetate	43	3.679	3.679	0.000	98	91821	20.0	15.4	
64 Methylcyclohexane	83	3.736	3.736	0.000	93	78975	20.0	17.3	
65 Trichloroethene	130	3.757	3.757	0.000	96	77501	20.0	22.1	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	96	158217	20.0	19.0	
67 Dibromomethane	93	4.123	4.123	0.000	95	45921	20.0	23.2	
68 n-Butanol	56	4.144	4.144	0.000	87	28715	500.0	416.6	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	64875	20.0	19.7	
71 Ethyl acrylate	55	4.295	4.295	0.000	96	66726	20.0	16.8	
70 Dichlorobromomethane	83	4.302	4.302	0.000	99	89660	20.0	22.5	
* 72 1,4-Dioxane-d8	96	4.481	4.481	0.000	0	24358	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	84	34126	40.0	41.3	
74 1,4-Dioxane	88	4.509	4.509	0.000	92	14756	400.0	445.9	
75 n-Propyl acetate	43	4.653	4.653	0.000	97	67457	20.0	16.6	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	491568	50.0	56.9	
76 2-Chloroethyl vinyl ether	63	4.911	4.911	0.000	95	40244	20.0	19.9	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	96	102609	20.0	21.1	
79 Toluene	91	5.197	5.197	0.000	92	311893	20.0	22.7	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	100163	400.0	463.4	
81 2-Nitropropane	41	5.448	5.448	0.000	100	23986	40.0	28.4	
82 Tetrachloroethene	166	5.620	5.620	0.000	94	69106	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.663	5.663	0.000	96	248906	100.0	108.6	
84 trans-1,3-Dichloropropene	75	5.691	5.691	0.000	93	94684	20.0	22.0	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	92	48929	20.0	21.7	
86 Ethyl methacrylate	69	5.949	5.949	0.000	87	76248	20.0	20.9	
87 Chlorodibromomethane	129	6.071	6.071	0.000	97	66490	20.0	20.9	
88 1,3-Dichloropropane	76	6.186	6.186	0.000	91	104960	20.0	23.2	
89 Ethylene Dibromide	107	6.315	6.315	0.000	98	61259	20.0	21.4	
90 n-Butyl acetate	43	6.658	6.658	0.000	98	75632	20.0	16.1	
91 2-Hexanone	43	6.723	6.723	0.000	95	171010	100.0	114.2	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	404627	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	94	205890	20.0	22.3	
94 Ethylbenzene	106	7.110	7.110	0.000	99	109075	20.0	21.2	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	91	66206	20.0	20.7	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	129907	20.0	20.8	
97 o-Xylene	106	7.919	7.919	0.000	94	127995	20.0	21.3	
98 Bromoform	173	7.984	7.984	0.000	93	35100	20.0	18.7	
99 Styrene	104	8.005	8.005	0.000	96	211470	20.0	21.9	
100 n-Butyl acrylate	73	8.327	8.327	0.000	96	37758	20.0	19.2	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	299169	20.0	19.1	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	93	86207	20.0	16.1	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	88	147367	50.0	51.9	
104 Bromobenzene	156	8.886	8.886	0.000	95	85585	20.0	21.6	
105 N-Propylbenzene	91	9.037	9.037	0.000	99	342180	20.0	19.4	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	97	73514	20.0	23.1	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	256767	20.0	21.2	
108 4-Ethyltoluene	105	9.223	9.223	0.000	99	295031	20.0	18.6	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	96	23318	20.0	22.3	
110 1,3,5-Trimethylbenzene	105	9.388	9.388	0.000	93	243377	20.0	18.7	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	82	15747	20.0	15.6	
112 4-Chlorotoluene	91	9.473	9.473	0.000	98	235895	20.0	21.2	
113 tert-Butylbenzene	119	9.846	9.846	0.000	93	190551	20.0	16.6	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	257996	20.0	19.0	
115 Butyl Methacrylate	87	9.982	9.982	0.000	50	71008	20.0	19.9	
116 sec-Butylbenzene	105	10.140	10.140	0.000	99	257295	20.0	15.7	
117 1,3-Dichlorobenzene	146	10.398	10.398	0.000	95	147999	20.0	18.6	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	231440	20.0	15.5	
* 119 1,4-Dichlorobenzene-d4	152	10.534	10.534	0.000	96	226882	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.555	10.555	0.000	94	154552	20.0	18.7	
121 1,2,3-Trimethylbenzene	105	10.663	10.663	0.000	99	278724	20.0	19.6	
122 2,3-Dihydroindene	117	10.842	10.842	0.000	94	282764	20.0	19.9	
123 Benzyl chloride	126	11.014	11.014	0.000	97	17354	20.0	14.0	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	117153	20.0	15.0	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	188628	20.0	15.6	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	148510	20.0	19.7	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	207942	20.0	15.8	
128 1,2-Dibromo-3-Chloropropan	157	12.289	12.289	0.000	93	13106	20.0	20.9	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	96	84598	20.0	14.9	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	94	76891	20.0	15.5	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	92	31550	20.0	13.5	
132 Naphthalene	128	13.306	13.306	0.000	99	172556	20.0	18.4	
133 1,2,3-Trichlorobenzene	180	13.478	13.478	0.000	94	69400	20.0	15.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	44.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		40.0	43.0	
S 136 Xylenes, Total	100				0		40.0	42.0	
S 137 Total BTEX	1				0		100.0	108.4	

QC Flag Legend

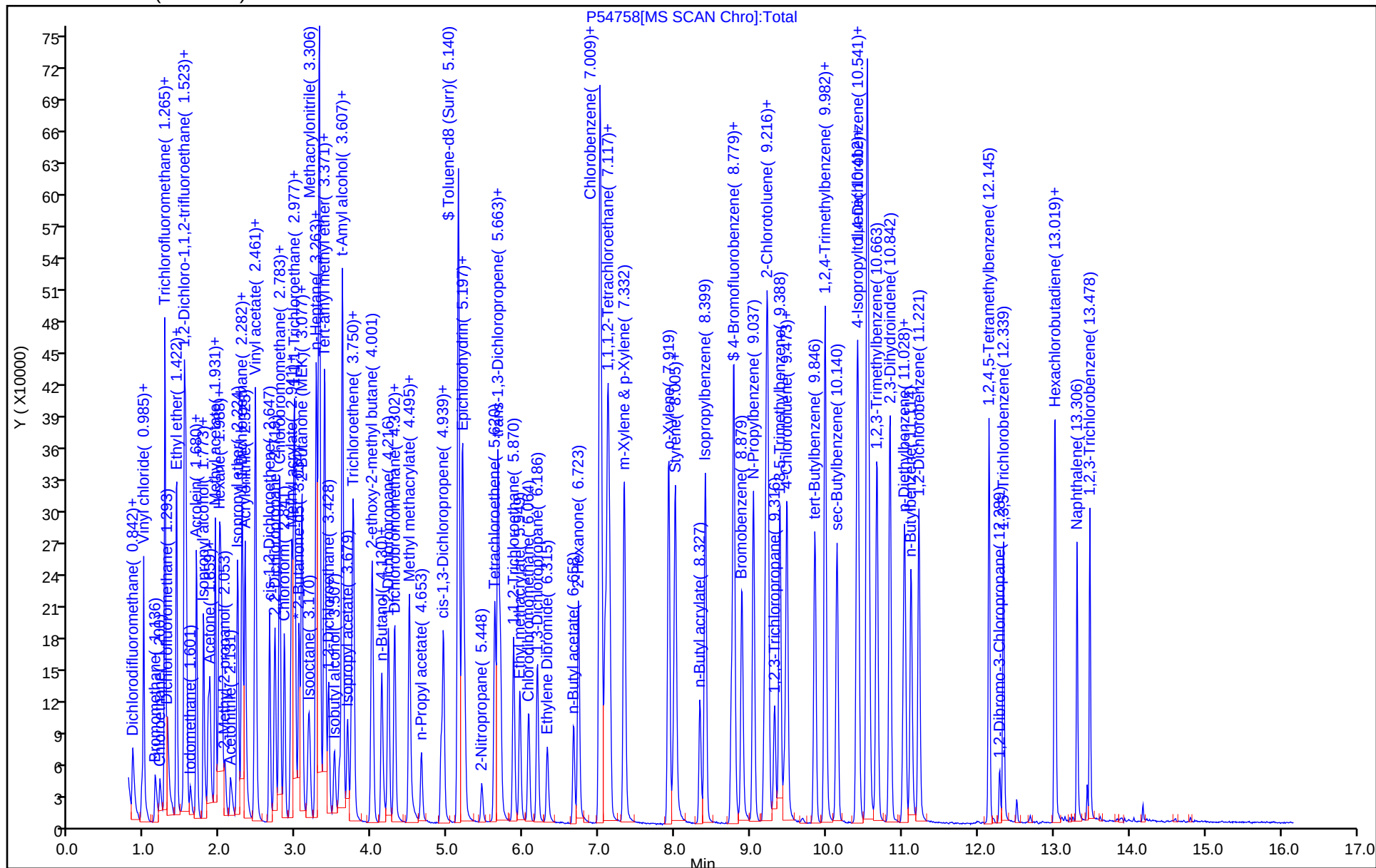
Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00084	Amount Added: 4.00	Units: uL	
GASES Li_00291	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 20.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54758.D

Injection Date: 18-Dec-2018 21:19:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

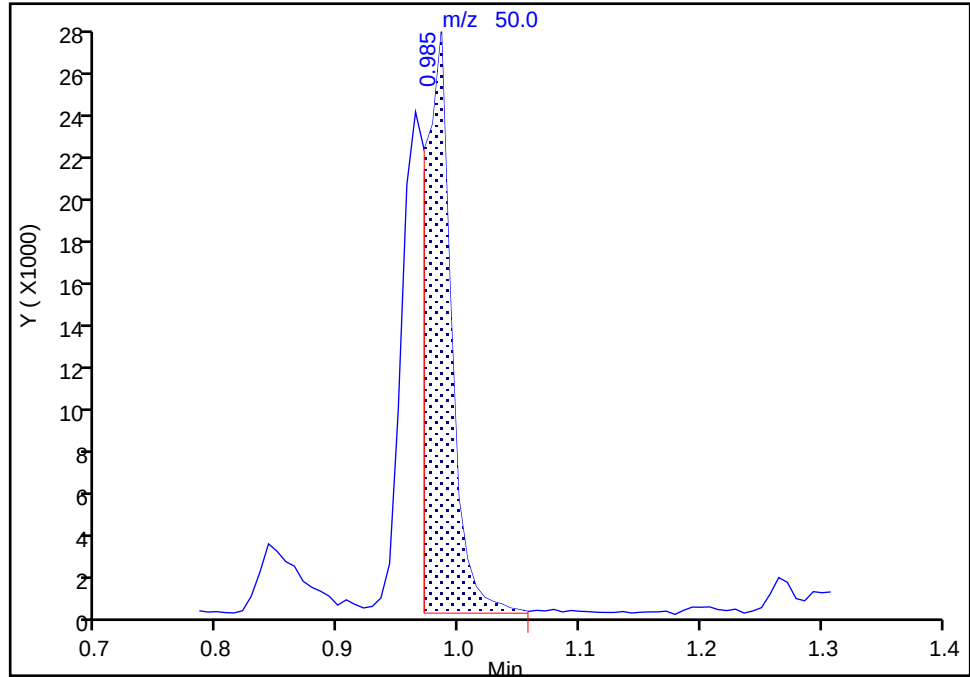
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

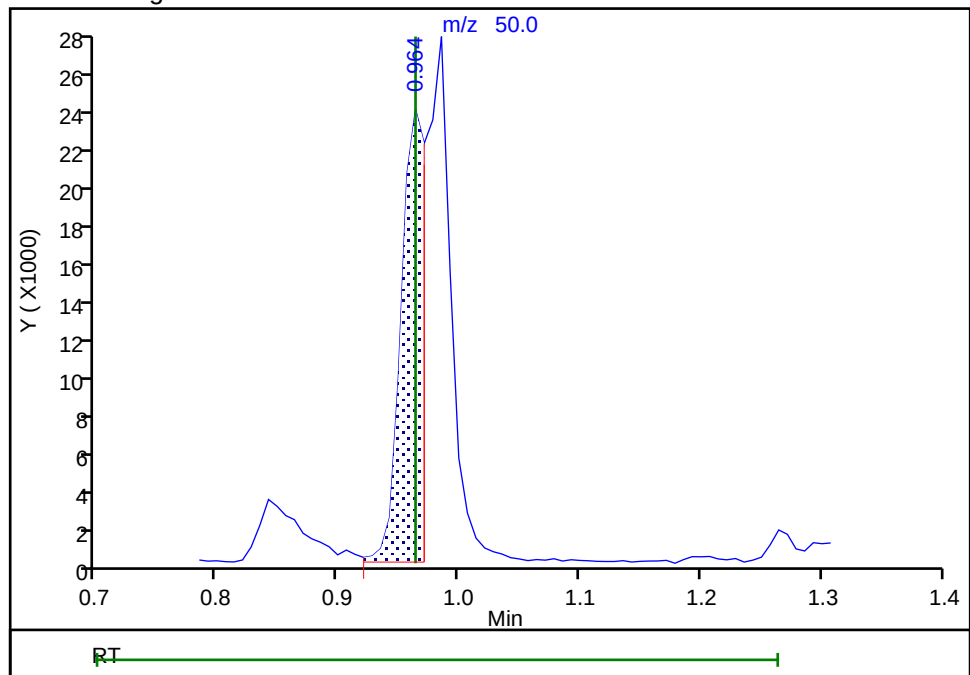
RT: 0.99
Area: 43071
Amount: 13.831131
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 34329
Amount: 11.023865
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 19-Dec-2018 10:57:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54758.D

Injection Date: 18-Dec-2018 21:19:30

Instrument ID: CVOAMS13

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

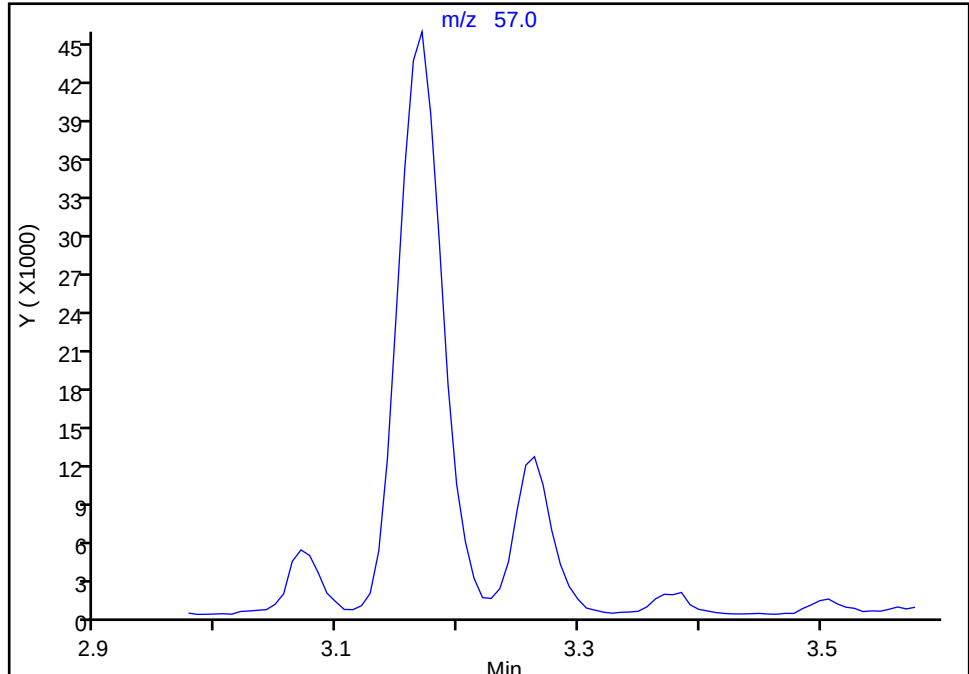
53 n-Heptane, CAS: 142-82-5

Signal: 1

Not Detected

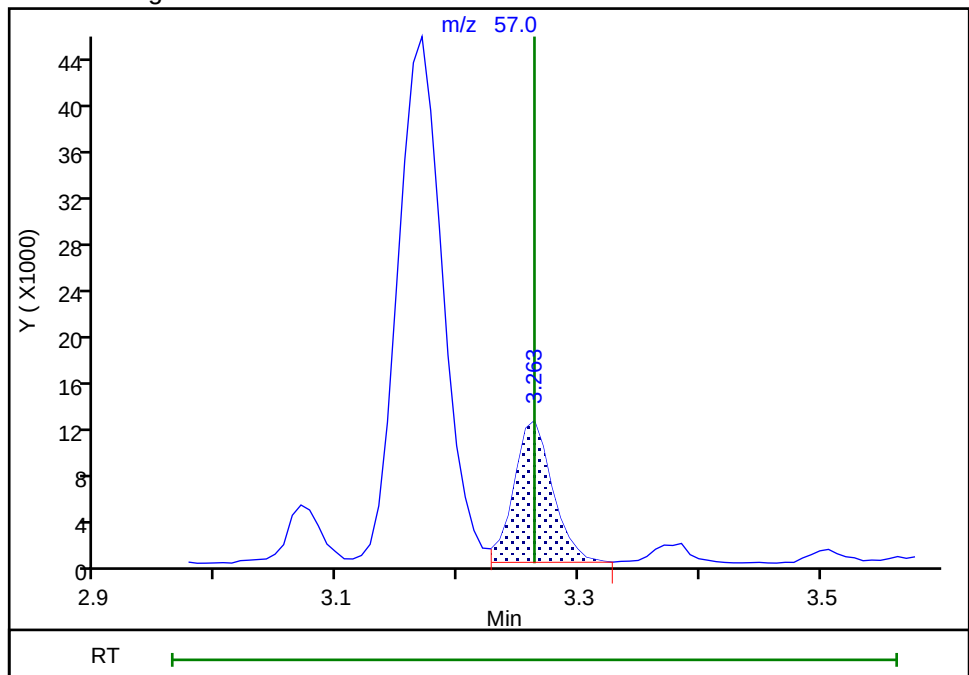
Expected RT: 3.26

Processing Integration Results



RT: 3.26
Area: 27092
Amount: 12.278959
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 20-Dec-2018 19:09:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Lab Sample ID: ICV 460-577330/14 Calibration Date: 12/20/2018 13:11

Instrument ID: CVOAMS13 Calib Start Date: 12/20/2018 07:12

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/20/2018 10:10

Lab File ID: P54831.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
Chlorotrifluoroethene	Ave	0.0973	0.1578		32.4	20.0	62.1*	30.0
Dichlorodifluoromethane	Ave	0.4192	0.4829	0.1000	23.0	20.0	15.2	30.0
Chloromethane	Ave	0.2655	0.3730	0.1000	28.1	20.0	40.5*	30.0
Butadiene	Ave	0.3603	0.3744		20.8	20.0	3.9	30.0
Vinyl chloride	Ave	0.4209	0.4687	0.1000	22.3	20.0	11.3	30.0
Bromomethane	Qua2		3.057	0.1000	28.3	20.0	41.4*	30.0
Chloroethane	Ave	0.3218	0.3340	0.1000	20.8	20.0	3.8	30.0
Pentane	Ave	2.503	2.763		44.2	40.0	10.4	30.0
Trichlorofluoromethane	Ave	0.6531	0.6604	0.1000	20.2	20.0	1.1	30.0
Dichlorofluoromethane	Ave	0.7970	0.8041		20.2	20.0	0.9	30.0
2-Methyl-1,3-butadiene	Ave	0.5294	0.5050		19.1	20.0	-4.6	30.0
Ethyl ether	Ave	0.3366	0.3370		20.0	20.0	0.1	30.0
Ethanol	QuaF		0.0836		915	800	14.4	30.0
1,1-Dichloroethene	Ave	0.3603	0.3424	0.1000	19.0	20.0	-5.0	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.4503	0.4397		19.5	20.0	-2.4	30.0
Carbon disulfide	Ave	1.115	1.102	0.1000	19.8	20.0	-1.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3407	0.3137	0.1000	18.4	20.0	-7.9	30.0
Iodomethane	QuaF		0.1226		7.46	20.0	-62.7*	30.0
Cyclopentene	Ave	0.9532	0.9146		19.2	20.0	-4.0	30.0
Acrolein	Ave	2.277	0.8954		15.8	40.1	-60.7*	30.0
Allyl chloride	Ave	0.2226	0.2219		19.9	20.0	-0.3	30.0
Isopropyl alcohol	Ave	0.9465	0.9298		196	200	-1.8	30.0
Methylene Chloride	Ave	0.4375	0.4044	0.1000	18.5	20.0	-7.6	30.0
Acetone	Qua2		1.084	0.0500	109	100	8.5	30.0
trans-1,2-Dichloroethene	Ave	0.4076	0.4019	0.1000	19.7	20.0	-1.4	30.0
Methyl acetate	Ave	9.003	10.62	0.1000	47.2	40.0	18.0	30.0
Hexane	Ave	0.0650	0.0591		18.2	20.0	-9.1	30.0
Methyl tert-butyl ether	Ave	1.205	1.161	0.1000	19.3	20.0	-3.7	30.0
2-Methyl-2-propanol	Ave	1.505	1.490		198	200	-1.0	30.0
Acetonitrile	Ave	1.652	1.767		214	200	7.0	30.0
Isopropyl ether	Ave	1.351	1.334		19.7	20.0	-1.3	30.0
2-Chloro-1,3-butadiene	Ave	0.3689	0.3462		18.8	20.0	-6.2	30.0
1,1-Dichloroethane	Ave	0.7819	0.7302	0.2000	18.7	20.0	-6.6	30.0
Acrylonitrile	Ave	0.1376	0.1291		188	200	-6.2	30.0
Tert-butyl ethyl ether	Ave	1.332	1.274		19.1	20.0	-4.4	30.0
Vinyl acetate	Ave	0.9093	0.8636		38.0	40.0	-5.0	30.0
cis-1,2-Dichloroethene	Ave	0.4151	0.3993	0.1000	19.2	20.0	-3.8	30.0
2,2-Dichloropropane	Ave	0.5783	0.5955		20.6	20.0	3.0	30.0
Chlorobromomethane	Ave	0.1930	0.1979		20.5	20.0	2.5	30.0
Cyclohexane	Ave	0.5193	0.4751	0.1000	18.3	20.0	-8.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Lab Sample ID: ICV 460-577330/14 Calibration Date: 12/20/2018 13:11

Instrument ID: CVOAMS13 Calib Start Date: 12/20/2018 07:12

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/20/2018 10:10

Lab File ID: P54831.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
Chloroform	Ave	0.6810	0.6674	0.2000	19.6	20.0	-2.0	30.0
Carbon tetrachloride	Ave	0.4616	0.4464	0.1000	19.3	20.0	-3.3	30.0
Ethyl acetate	Ave	0.4090	0.3729		36.5	40.0	-8.8	30.0
Methyl acrylate	Ave	0.3259	0.2973		18.2	20.0	-8.8	30.0
Tetrahydrofuran	Ave	1.369	1.341		39.2	40.0	-2.1	30.0
1,1,1-Trichloroethane	Ave	0.5777	0.5733	0.1000	19.8	20.0	-0.8	30.0
2-Butanone (MEK)	Ave	0.4486	0.4274	0.0500	95.3	100	-4.7	30.0
1,1-Dichloropropene	Ave	0.5988	0.5234		17.5	20.0	-12.6	30.0
2,2,4-Trimethylpentane	Ave	0.6406	0.6160		19.2	20.0	-3.8	30.0
Benzene	Ave	1.848	1.729	0.5000	18.7	20.0	-6.4	30.0
n-Heptane	Ave	0.1689	0.1463		17.3	20.0	-13.4	30.0
Propionitrile	Ave	1.954	2.005		205	200	2.6	30.0
Methacrylonitrile	Ave	0.1538	0.1457		189	200	-5.3	30.0
Tert-amyl methyl ether	Ave	1.137	1.100		19.3	20.0	-3.3	30.0
1,2-Dichloroethane	Ave	0.6202	0.5698	0.1000	18.4	20.0	-8.1	30.0
Isobutyl alcohol	Ave	0.4796	0.4979		519	500	3.8	30.0
Isopropyl acetate	Ave	0.7009	0.6385		18.2	20.0	-8.9	30.0
Methylcyclohexane	Ave	0.4426	0.3862	0.1000	17.5	20.0	-12.7	30.0
Trichloroethene	Ave	0.4154	0.3992	0.2000	19.2	20.0	-3.9	30.0
Dibromomethane	Ave	0.2559	0.2459		19.2	20.0	-3.9	30.0
n-Butanol	QuaF		0.3044		426	500	-14.8	30.0
1,2-Dichloropropane	Ave	0.4124	0.4076	0.1000	19.8	20.0	-1.2	30.0
Ethyl acrylate	Ave	0.4449	0.4241		19.1	20.0	-4.7	30.0
Bromodichloromethane	Ave	0.5214	0.5124	0.2000	19.7	20.0	-1.7	30.0
Methyl methacrylate	Ave	0.1002	0.0991		39.6	40.0	-1.1	30.0
1,4-Dioxane	Ave	1.597	1.606		402	400	0.5	30.0
n-Propyl acetate	Ave	0.4926	0.4600		18.7	20.0	-6.6	30.0
2-Chloroethyl vinyl ether	Ave	0.2410	0.2384		19.8	20.0	-1.1	30.0
cis-1,3-Dichloropropene	Ave	0.6769	0.7197	0.2000	21.3	20.0	6.3	30.0
Toluene	Ave	2.055	1.952	0.4000	19.0	20.0	-5.0	30.0
Epichlorohydrin	Ave	0.3133	0.3010		19.2	20.0	-3.9	30.0
2-Nitropropane	QuaF		0.0779		30.1	40.0	-24.8	30.0
Tetrachloroethene	Ave	0.4572	0.4479	0.2000	19.6	20.0	-2.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	3.313	3.310	0.0500	99.9	100	-0.0	30.0
trans-1,3-Dichloropropene	Qua2		0.6157	0.1000	19.9	20.0	-0.5	30.0
1,1,2-Trichloroethane	Ave	0.3359	0.3320	0.1000	19.8	20.0	-1.2	30.0
Ethyl methacrylate	Ave	0.4525	0.4475		19.8	20.0	-1.1	30.0
Chlorodibromomethane	Ave	0.4097	0.4151	0.1000	20.3	20.0	1.3	30.0
1,3-Dichloropropane	Ave	0.7053	0.6858		19.4	20.0	-2.8	30.0
Ethylene Dibromide	Ave	0.3943	0.3991	0.1000	20.2	20.0	1.2	30.0
n-Butyl acetate	Ave	0.5946	0.5654		19.0	20.0	-4.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Lab Sample ID: ICV 460-577330/14 Calibration Date: 12/20/2018 13:11

Instrument ID: CVOAMS13 Calib Start Date: 12/20/2018 07:12

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/20/2018 10:10

Lab File ID: P54831.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
2-Hexanone	Ave	2.146	2.270	0.0500	106	100	5.8	30.0
Chlorobenzene	Ave	1.300	1.268	0.5000	19.5	20.0	-2.4	30.0
Ethylbenzene	Ave	0.6830	0.6644	0.1000	19.5	20.0	-2.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4191	0.4090		19.5	20.0	-2.4	30.0
m-Xylene & p-Xylene	Ave	0.8005	0.8184	0.1000	20.4	20.0	2.2	30.0
o-Xylene	Ave	0.8092	0.7968	0.3000	19.7	20.0	-1.5	30.0
Bromoform	Qua2		0.2413	0.1000	19.6	20.0	-2.1	30.0
Styrene	Ave	1.292	1.291	0.3000	20.0	20.0	-0.0	30.0
n-Butyl acrylate	QuaF		0.2682		16.1	20.0	-19.3	30.0
Isopropylbenzene	Ave	1.905	1.882	0.1000	19.8	20.0	-1.2	30.0
Amyl acetate (mixed isomers)	Qua2		1.166		19.1	20.0	-4.7	30.0
Bromobenzene	Ave	1.020	0.9646		18.9	20.0	-5.4	30.0
N-Propylbenzene	Ave	3.701	3.738		20.2	20.0	1.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9006	0.8237	0.3000	18.3	20.0	-8.5	30.0
2-Chlorotoluene	Ave	2.847	2.827		19.9	20.0	-0.7	30.0
4-Ethyltoluene	Ave	3.209	3.281		20.4	20.0	2.2	30.0
1,2,3-Trichloropropane	Ave	0.2730	0.2572		18.8	20.0	-5.8	30.0
1,3,5-Trimethylbenzene	Ave	2.594	2.645		20.4	20.0	2.0	30.0
trans-1,4-Dichloro-2-butene	QuaF		0.2192		16.5	20.0	-17.3	30.0
4-Chlorotoluene	Ave	2.613	2.587		19.8	20.0	-1.0	30.0
tert-Butylbenzene	Ave	2.066	2.077		20.1	20.0	0.5	30.0
1,2,4-Trimethylbenzene	Ave	2.838	2.804		19.8	20.0	-1.2	30.0
Butyl Methacrylate	QuaF		0.8400		15.7	20.0	-21.4	30.0
sec-Butylbenzene	Ave	2.810	2.829		20.1	20.0	0.7	30.0
1,3-Dichlorobenzene	Ave	1.673	1.673	0.6000	20.0	20.0	-0.0	30.0
4-Isopropyltoluene	Ave	2.465	2.551		20.7	20.0	3.5	30.0
1,4-Dichlorobenzene	Ave	1.839	1.741	0.5000	18.9	20.0	-5.3	30.0
1,2,3-Trimethylbenzene	Ave	3.071	3.084		20.1	20.0	0.4	30.0
Indan	Ave	3.106	3.177		20.5	20.0	2.3	30.0
Benzyl chloride	QuaF		0.2085		14.7	20.0	-26.4	30.0
p-Diethylbenzene	Ave	1.211	1.297		21.4	20.0	7.1	30.0
n-Butylbenzene	Ave	1.959	2.113		21.6	20.0	7.8	30.0
1,2-Dichlorobenzene	Ave	1.654	1.659	0.4000	20.1	20.0	0.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.122	2.263		21.3	20.0	6.6	30.0
1,2-Dibromo-3-Chloropropane	Qua2		0.1493	0.0500	19.1	20.0	-4.3	30.0
1,3,5-Trichlorobenzene	Ave	0.9692	1.021		21.1	20.0	5.3	30.0
1,2,4-Trichlorobenzene	Ave	0.8952	0.9334	0.2000	20.9	20.0	4.3	30.0
Hexachlorobutadiene	Ave	0.3577	0.4028		22.5	20.0	12.6	30.0
Naphthalene	Ave	1.953	1.976		20.2	20.0	1.2	30.0
1,2,3-Trichlorobenzene	Ave	0.8256	0.8629		20.9	20.0	4.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2566	0.2583		50.3	50.0	0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Lab Sample ID: ICV 460-577330/14 Calibration Date: 12/20/2018 13:11
Instrument ID: CVOAMS13 Calib Start Date: 12/20/2018 07:12
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/20/2018 10:10
Lab File ID: P54831.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.3252	0.3184		48.9	50.0	-2.1	30.0
Toluene-d8 (Surr)	Ave	1.236	1.239		50.1	50.0	0.2	30.0
4-Bromofluorobenzene	Ave	0.3952	0.4013		50.8	50.0	1.6	30.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54831.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 20-Dec-2018 13:11:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0083907-014
 Operator ID: Instrument ID: CVOAMS13
 Sublist:
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:33:10 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

First Level Reviewer: desais

Date: 20-Dec-2018 12:34:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	92	30257	20.0	32.4	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	98	92622	20.0	23.0	
3 Chloromethane	50	0.964	0.964	0.000	97	71529	20.0	28.1	
4 Vinyl chloride	62	0.985	0.985	0.000	57	89888	20.0	22.3	
5 Butadiene	54	0.985	0.985	0.000	99	71796	20.0	20.8	
6 Bromomethane	94	1.135	1.143	-0.008	99	57274	20.0	28.3	
7 Chloroethane	64	1.200	1.200	0.000	99	64062	20.0	20.8	
9 Pentane	72	1.264	1.265	-0.001	95	23910	40.0	44.2	
8 Trichlorofluoromethane	101	1.264	1.265	-0.001	80	126651	20.0	20.2	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	154212	20.0	20.2	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	96	96848	20.0	19.1	
12 Ethyl ether	59	1.422	1.422	0.000	96	64629	20.0	20.0	
13 Ethanol	46	1.501	1.501	0.000	100	14465	800.0	914.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	79	84325	20.0	19.5	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	65669	20.0	19.0	
16 Carbon disulfide	76	1.537	1.537	0.000	100	211370	20.0	19.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	97	60161	20.0	18.4	
18 Iodomethane	142	1.608	1.601	0.007	99	23518	20.0	7.46	
19 Cyclopentene	67	1.680	1.680	0.000	96	175416	20.0	19.2	
20 Acrolein	56	1.701	1.702	-0.001	95	7762	40.1	15.8	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	87	42549	20.0	19.9	
22 Isopropyl alcohol	45	1.802	1.802	0.000	97	40232	200.0	196.5	
23 Methylene Chloride	84	1.845	1.845	0.000	94	77557	20.0	18.5	
24 Acetone	43	1.859	1.859	0.000	85	101518	100.0	108.5	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	96	77082	20.0	19.7	
26 Methyl acetate	43	1.938	1.938	0.000	99	91935	40.0	47.2	
27 Hexane	86	1.974	1.974	0.000	90	11341	20.0	18.2	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	97	222604	20.0	19.3	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	216342	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	64464	200.0	198.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acetonitrile	41	2.131	2.131	0.000	99	76471	200.0	213.9	
32 Isopropyl ether	45	2.224	2.224	0.000	94	255759	20.0	19.7	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	93	66390	20.0	18.8	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	140038	20.0	18.7	
35 Acrylonitrile	53	2.325	2.325	0.000	93	247545	200.0	187.6	
37 Vinyl acetate	43	2.461	2.461	0.000	100	331243	40.0	38.0	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	89	244319	20.0	19.1	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	76575	20.0	19.2	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	114201	20.0	20.6	
40 Cyclohexane	56	2.783	2.776	0.007	91	91116	20.0	18.3	
41 Chlorobromomethane	128	2.783	2.783	0.000	92	37954	20.0	20.5	
42 Chloroform	83	2.840	2.840	0.000	97	128005	20.0	19.6	
43 Carbon tetrachloride	117	2.933	2.934	-0.001	96	85615	20.0	19.3	
45 Methyl acrylate	55	2.948	2.948	0.000	98	57023	20.0	18.2	
44 Ethyl acetate	70	2.948	2.948	0.000	99	13971	40.0	36.5	
46 Tetrahydrofuran	42	2.955	2.955	0.000	93	50224	40.0	39.2	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	96	123822	50.0	50.3	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	97	109958	20.0	19.8	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	234166	250.0	250.0	
50 2-Butanone (MEK)	72	3.070	3.077	-0.007	99	40030	100.0	95.3	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	93	100380	20.0	17.5	
52 Isooctane	57	3.170	3.170	0.000	98	118138	20.0	19.2	
53 n-Heptane	57	3.263	3.263	0.000	86	28052	20.0	17.3	
54 Benzene	78	3.263	3.263	0.000	96	292098	20.0	18.7	
55 Propionitrile	54	3.284	3.285	-0.001	98	86764	200.0	205.2	
56 Methacrylonitrile	67	3.306	3.306	0.000	93	279483	200.0	189.4	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	152646	50.0	48.9	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	98	210946	20.0	19.3	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	109287	20.0	18.4	
60 Isobutyl alcohol	43	3.506	3.507	-0.001	97	53861	500.0	519.1	
61 t-Amyl alcohol	59	3.571	3.571	0.000	94	36437	200.0	186.6	
* 62 Fluorobenzene	96	3.614	3.607	0.007	99	479471	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.679	-0.001	99	122449	20.0	18.2	
64 Methylcyclohexane	83	3.736	3.736	0.000	94	74070	20.0	17.5	
65 Trichloroethene	130	3.757	3.757	0.000	97	76569	20.0	19.2	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	93	185269	20.0	19.9	
67 Dibromomethane	93	4.130	4.130	0.000	96	47160	20.0	19.2	
68 n-Butanol	56	4.137	4.144	-0.007	93	32925	500.0	425.8	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	78175	20.0	19.8	
71 Ethyl acrylate	55	4.294	4.295	-0.001	76	81345	20.0	19.1	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	98278	20.0	19.7	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	25065	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	88	38026	40.0	39.6	
74 1,4-Dioxane	88	4.516	4.509	0.007	95	16098	400.0	402.0	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	88222	20.0	18.7	
76 2-Chloroethyl vinyl ether	63	4.918	4.911	0.007	96	45725	20.0	19.8	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	121565	20.0	21.3	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	523281	50.0	50.1	
79 Toluene	91	5.197	5.197	0.000	93	329632	20.0	19.0	
80 Epichlorohydrin	57	5.233	5.226	0.007	87	5639	20.0	19.2	a
81 2-Nitropropane	41	5.448	5.448	0.000	99	29866	40.0	30.1	
82 Tetrachloroethene	166	5.620	5.620	0.000	97	75646	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 4-Methyl-2-pentanone (MIBK)	43	5.663	5.663	0.000	97	310067	100.0	99.9	
84 trans-1,3-Dichloropropene	75	5.698	5.699	0.000	94	103996	20.0	19.9	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	56073	20.0	19.8	
86 Ethyl methacrylate	69	5.956	5.949	0.007	88	85828	20.0	19.8	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	70113	20.0	20.3	
88 1,3-Dichloropropane	76	6.185	6.186	-0.001	94	115829	20.0	19.4	
89 Ethylene Dibromide	107	6.314	6.315	-0.001	98	67405	20.0	20.2	
90 n-Butyl acetate	43	6.665	6.658	0.007	98	95493	20.0	19.0	
91 2-Hexanone	43	6.730	6.723	0.007	97	212651	100.0	105.8	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	422267	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	97	214221	20.0	19.5	
94 Ethylbenzene	106	7.117	7.110	0.007	99	112228	20.0	19.5	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	92	69086	20.0	19.5	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	138232	20.0	20.4	
97 o-Xylene	106	7.919	7.919	0.000	93	134576	20.0	19.7	
98 Bromoform	173	7.983	7.984	-0.001	95	40753	20.0	19.6	
99 Styrene	104	8.005	8.005	0.000	95	218101	20.0	20.0	
100 n-Butyl acrylate	73	8.327	8.327	0.000	95	45303	20.0	16.1	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	317945	20.0	19.8	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	90	112927	20.0	19.1	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	89	169457	50.0	50.8	
104 Bromobenzene	156	8.886	8.886	0.000	95	93438	20.0	18.9	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	362134	20.0	20.2	
106 1,1,2,2-Tetrachloroethane	83	9.187	9.180	0.007	97	79792	20.0	18.3	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	273815	20.0	19.9	
108 4-Ethyltoluene	105	9.230	9.230	0.000	98	317793	20.0	20.4	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	96	24913	20.0	18.8	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	256165	20.0	20.4	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	81	21229	20.0	16.5	
112 4-Chlorotoluene	91	9.480	9.481	-0.001	98	250558	20.0	19.8	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	201164	20.0	20.1	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	271629	20.0	19.8	
115 Butyl Methacrylate	87	9.982	9.982	0.000	55	81372	20.0	15.7	
116 sec-Butylbenzene	105	10.139	10.140	-0.001	99	274053	20.0	20.1	
117 1,3-Dichlorobenzene	146	10.404	10.405	-0.001	95	162037	20.0	20.0	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	247141	20.0	20.7	
* 119 1,4-Dichlorobenzene-d4	152	10.533	10.541	-0.008	96	242166	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	94	168678	20.0	18.9	
121 1,2,3-Trimethylbenzene	105	10.669	10.662	0.007	99	298693	20.0	20.1	
122 2,3-Dihydroindene	117	10.841	10.842	-0.001	94	307744	20.0	20.5	
123 Benzyl chloride	126	11.013	11.013	0.000	97	20192	20.0	14.7	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	125667	20.0	21.4	
125 n-Butylbenzene	91	11.121	11.114	0.007	98	204688	20.0	21.6	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	160655	20.0	20.1	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	219180	20.0	21.3	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.289	0.000	93	14466	20.0	19.1	
129 1,3,5-Trichlorobenzene	180	12.338	12.339	-0.001	97	98870	20.0	21.1	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	93	90419	20.0	20.9	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	94	39019	20.0	22.5	
132 Naphthalene	128	13.305	13.306	-0.001	99	191380	20.0	20.2	
133 1,2,3-Trichlorobenzene	180	13.477	13.478	-0.001	94	83586	20.0	20.9	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,3-Dichloropropene, Total	100				0		40.0	41.2	
S 136 Xylenes, Total	100				0		40.0	40.1	
S 137 Total BTEX	1				0		100.0	97.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GAS C SP_00282	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00093	Amount Added: 4.00	Units: uL	
8260 SP_00097	Amount Added: 20.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

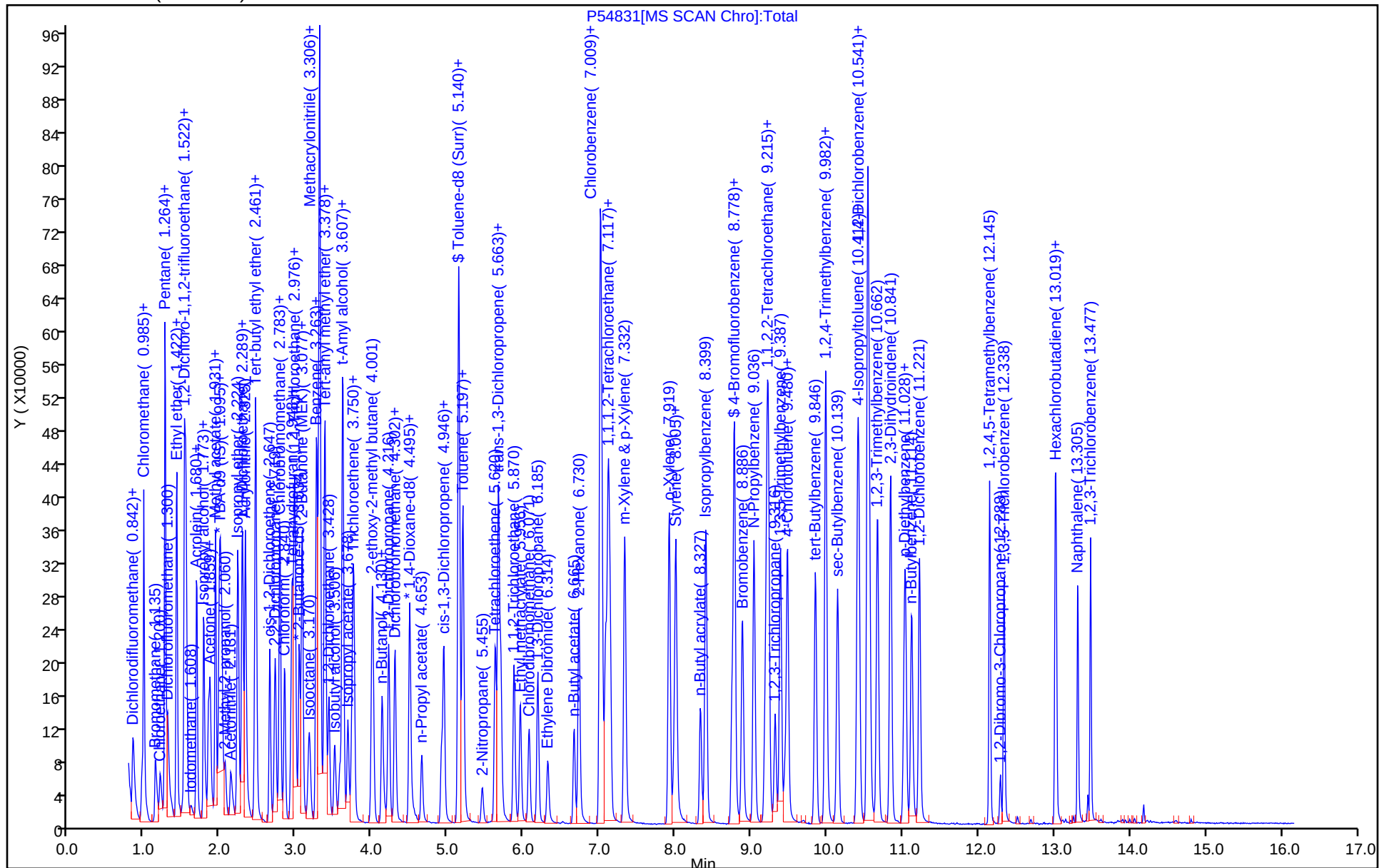
Operator ID:

Worklist Smp#: 14

ALS Bottle#: 13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54831.D

Injection Date: 20-Dec-2018 13:11:30

Instrument ID: CVOAMS13

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

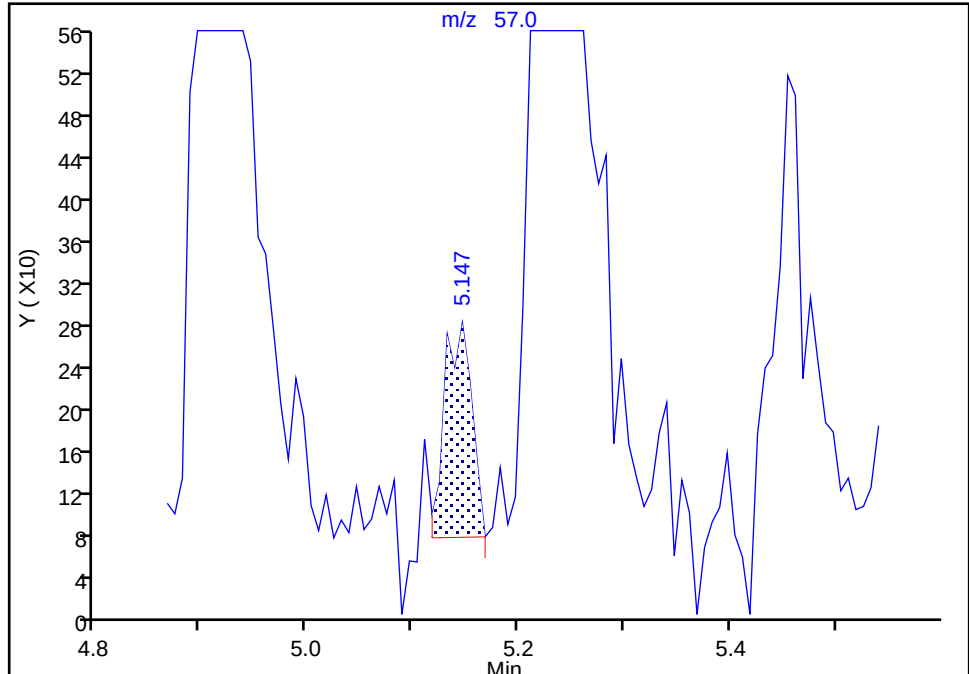
Detector: MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

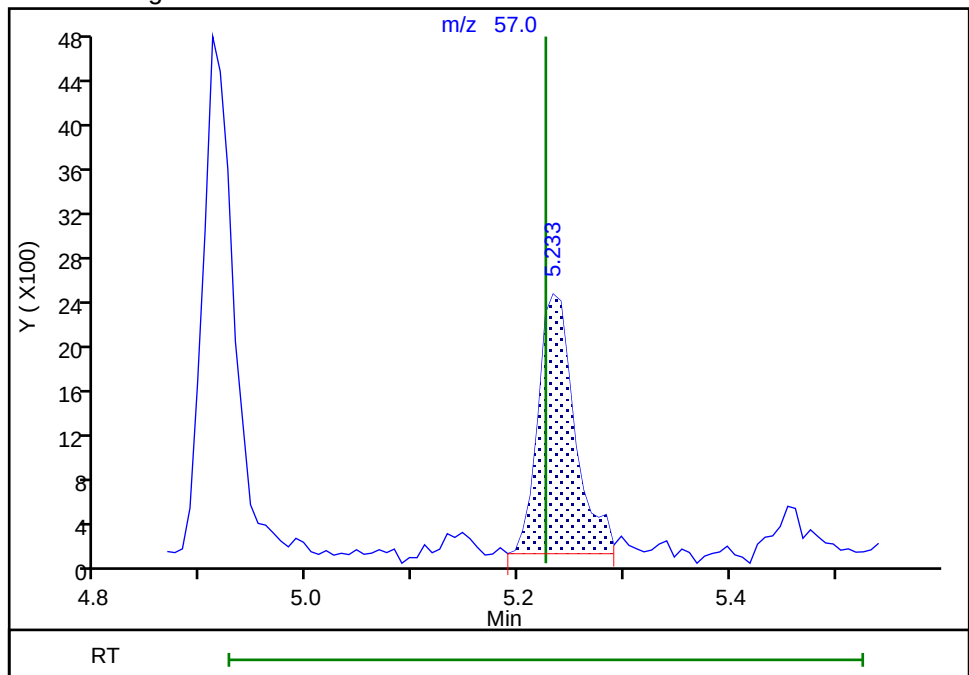
RT: 5.15
Area: 365
Amount: 1.243696
Amount Units: ug/l

Processing Integration Results



RT: 5.23
Area: 5639
Amount: 19.214246
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 20-Dec-2018 19:09:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54131.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 05-Dec-2018 14:08:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0083053-001
Operator ID: Instrument ID: CVOAMS13
Method: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Dec-2018 19:34:46 Calib Date: 05-Dec-2018 17:44:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0303

First Level Reviewer: desais

Date: 05-Dec-2018 13:59:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 78 Toluene-d8 (Surr)	98	5.189	5.189	0.000	1	42	NR	NR	
\$ 139 BFB	95	2.132	2.124	0.008	90	44670	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00019

Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54131.D

Injection Date: 05-Dec-2018 14:08:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

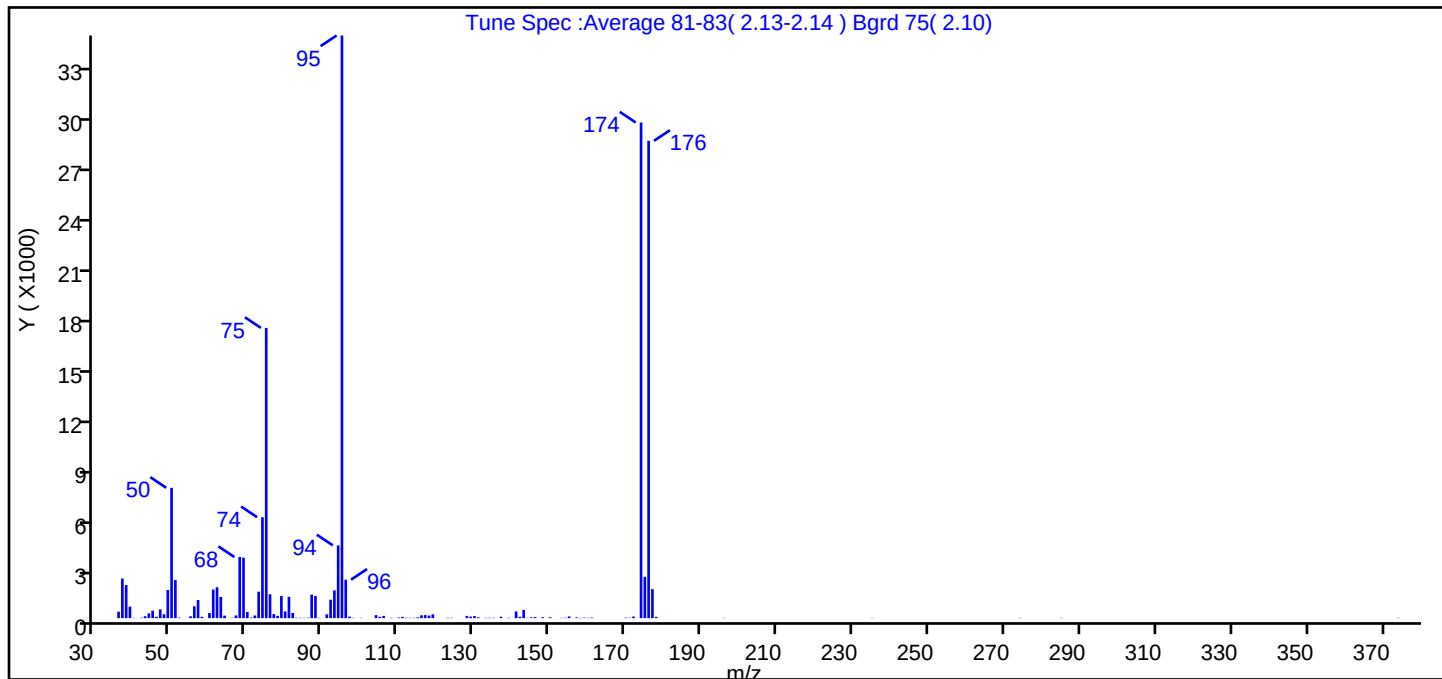
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.4
75	30 to 60% of m/z 95	49.8
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	85.1
175	5 to 9% of m/z 174	7.1 (8.3)
176	Greater than 95% but less than 101% of m/z 174	81.9 (96.3)
177	5 to 9% of m/z 176	5.0 (6.1)

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\p54131.D\8260W_13.rsl\spectra.d
Injection Date: 05-Dec-2018 14:08:30
Spectrum: Tune Spec :Average 81-83(2.13-2.14) Bgrd 75(2.10)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	379	69.00	3536	100.00	21	144.00	18
37.00	2314	70.00	362	104.00	177	145.00	43
38.00	1937	71.00	33	105.00	76	146.00	63
39.00	678	72.00	155	106.00	132	148.00	56
40.00	16	73.00	1547	108.00	21	150.00	54
41.00	5	74.00	5901	110.00	38	153.00	18
42.00	25	75.00	16968	111.00	76	154.00	25
43.00	113	76.00	1399	112.00	22	155.00	99
44.00	277	77.00	241	113.00	19	157.00	44
45.00	438	78.00	134	114.00	21	158.00	17
46.00	82	79.00	1296	115.00	51	159.00	24
47.00	514	80.00	390	116.00	168	160.00	18
48.00	227	81.00	1243	117.00	178	161.00	36
49.00	1645	82.00	301	118.00	149	170.00	28
50.00	7620	83.00	24	119.00	222	171.00	20
51.00	2226	84.00	23	123.00	21	172.00	95
52.00	31	85.00	17	124.00	20	174.00	28976
55.00	108	86.00	24	128.00	133	175.00	2415
56.00	693	87.00	1373	129.00	89	176.00	27904
57.00	1061	88.00	1296	130.00	125	177.00	1695
58.00	77	89.00	17	131.00	51	178.00	76
60.00	302	91.00	222	133.00	21	196.00	18
61.00	1673	92.00	1078	134.00	23	235.00	17
62.00	1806	93.00	1625	135.00	22	274.00	19
63.00	1239	94.00	4254	137.00	85	285.00	19
64.00	148	95.00	34064	139.00	21	374.00	22
66.00	21	96.00	2249	141.00	392		
67.00	158	97.00	87	142.00	80		
68.00	3572	98.00	21	143.00	480		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54756.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 18-Dec-2018 20:30:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0083832-001
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 19-Dec-2018 11:03:12 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0314

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.176	3.176	0.000	0	15	NR	NR	
\$ 78 Toluene-d8 (Surr)	98	4.876	4.876	0.000	1	20	NR	NR	
\$ 139 BFB	95	2.127	2.127	0.000	84	66448	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00019

Amount Added: 1.00

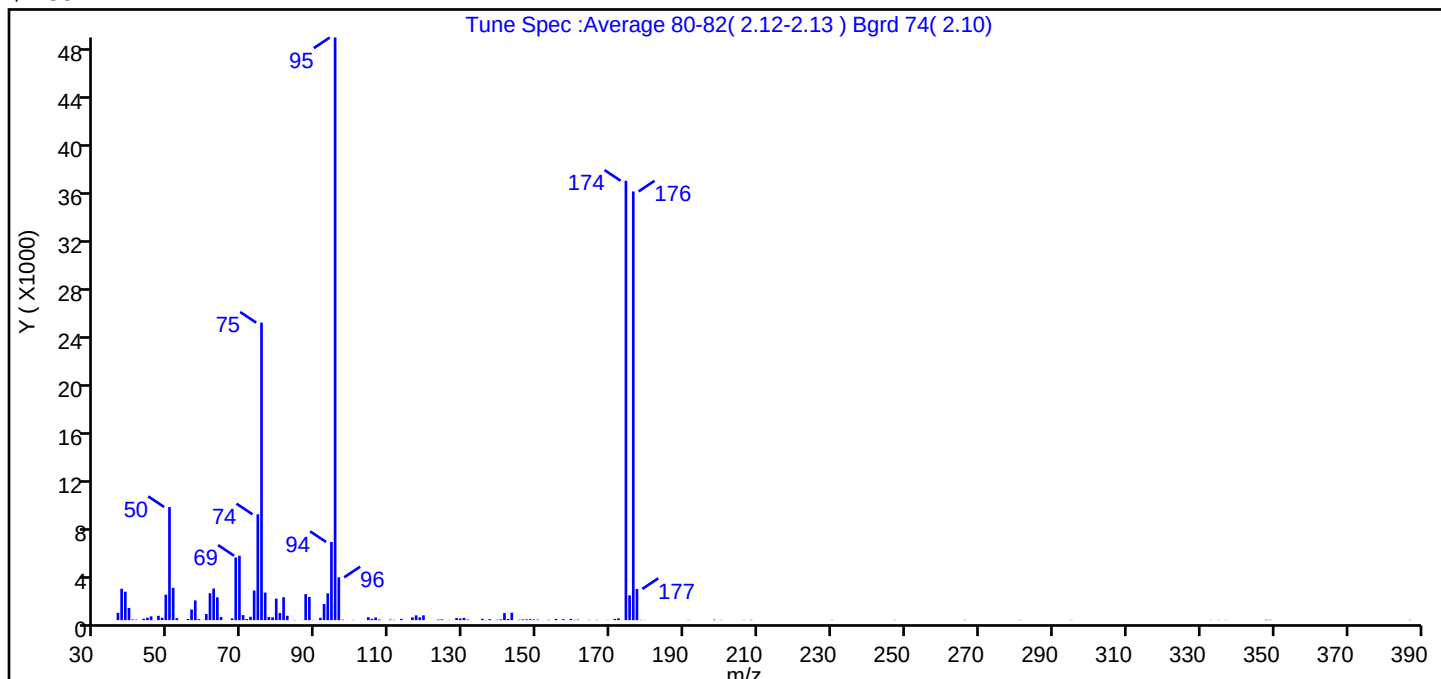
Units: uL

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54756.D
Injection Date: 18-Dec-2018 20:30:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID:
Injection Vol: 5.0 mL
Method: 8260W_13
Tune Method: BFB Method 8260

ALS Bottle#: 99 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.4
75	30 to 60% of m/z 95	51.1
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	75.4
175	5 to 9% of m/z 174	4.3 (5.6)
176	Greater than 95% but less than 101% of m/z 174	73.6 (97.6)
177	5 to 9% of m/z 176	5.4 (7.3)

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\PS4756.D\8260W_13.rsl\spectra.d
Injection Date: 18-Dec-2018 20:30:30
Spectrum: Tune Spec :Average 80-82(2.12-2.13) Bgrd 74(2.10)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	606	72.00	279	113.00	108	160.00	29
37.00	2609	73.00	2464	116.00	231	161.00	41
38.00	2361	74.00	8794	117.00	398	164.00	22
39.00	1015	75.00	24720	118.00	232	166.00	27
40.00	58	76.00	2288	119.00	401	169.00	17
41.00	35	77.00	257	123.00	50	171.00	106
43.00	116	78.00	234	124.00	61	172.00	149
44.00	202	79.00	1787	126.00	19	174.00	36512
45.00	317	80.00	597	128.00	174	175.00	2059
46.00	12	81.00	1905	129.00	137	176.00	35624
47.00	363	82.00	362	130.00	191	177.00	2592
48.00	194	84.00	18	131.00	49	178.00	23
49.00	2119	86.00	10	135.00	110	179.00	18
50.00	9400	87.00	2160	136.00	18	191.00	19
51.00	2690	88.00	1920	137.00	83	198.00	39
52.00	166	89.00	22	139.00	32	200.00	19
55.00	97	91.00	198	140.00	66	206.00	19
56.00	884	92.00	1342	141.00	585	208.00	28
57.00	1637	93.00	2228	142.00	93	230.00	21
58.00	81	94.00	6493	143.00	619	247.00	18
60.00	512	95.00	48416	145.00	35	266.00	22
61.00	2236	96.00	3557	146.00	58	281.00	20
62.00	2625	97.00	37	147.00	66	295.00	18
63.00	1898	100.00	17	148.00	78	333.00	16
64.00	267	104.00	247	149.00	55	335.00	16
67.00	144	105.00	104	150.00	45	337.00	17
68.00	5204	106.00	217	153.00	31	348.00	39
69.00	5352	107.00	56	155.00	105	349.00	27
70.00	423	110.00	47	157.00	82	387.00	27
71.00	95	111.00	27	159.00	102		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54818.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 20-Dec-2018 06:21:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0083907-001
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 21-Dec-2018 10:33:10 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0301

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 78 Toluene-d8 (Surr)	98	4.906	4.906	0.000	1	21	NR	NR	
\$ 139 BFB	95	2.153	1.150	1.003	85	78740	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00019

Amount Added: 1.00

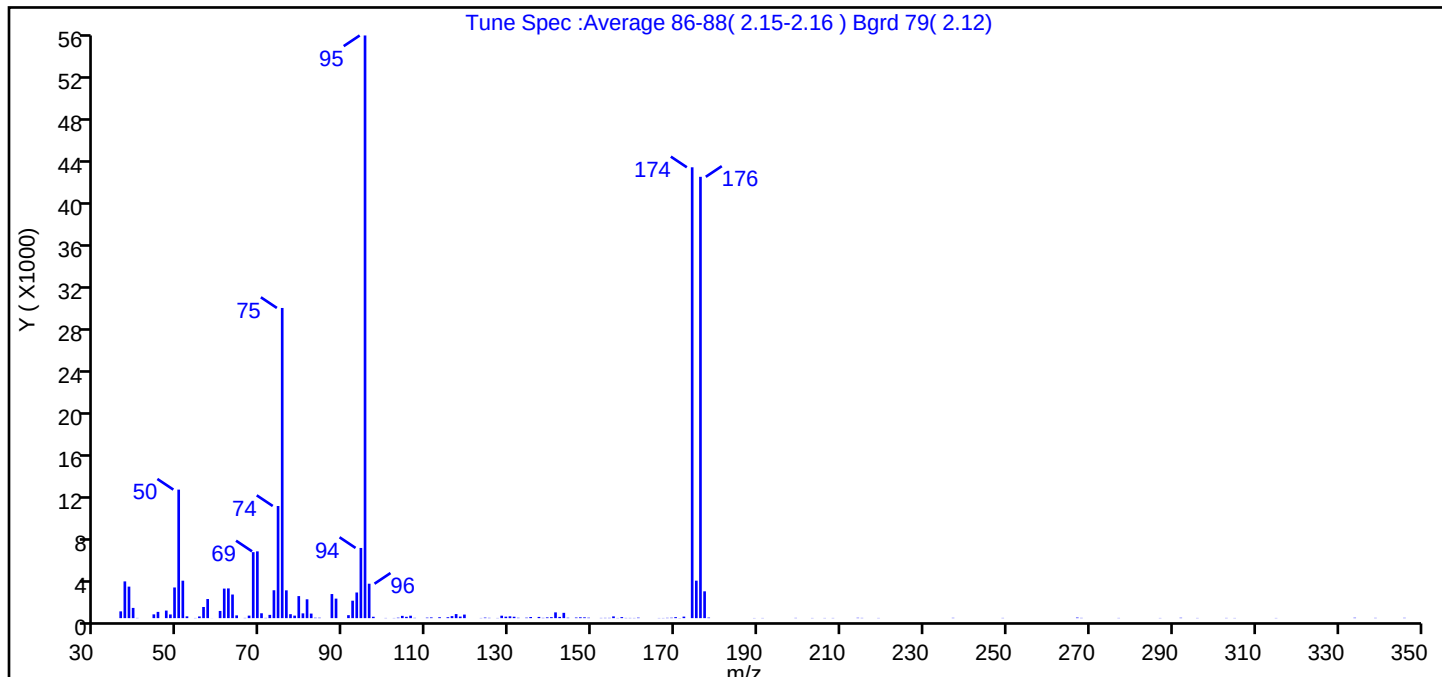
Units: uL

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54818.D
Injection Date: 20-Dec-2018 06:21:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID:
Injection Vol: 5.0 mL
Method: 8260W_13
Tune Method: BFB Method 8260

ALS Bottle#: 99 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.1
75	30 to 60% of m/z 95	53.2
96	5 to 9% of m/z 95	5.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	77.4
175	5 to 9% of m/z 174	6.4 (8.3)
176	Greater than 95% but less than 101% of m/z 174	75.7 (97.9)
177	5 to 9% of m/z 176	4.6 (6.1)

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\p54818.D\8260W_13.rsl\spectra.d
Injection Date: 20-Dec-2018 06:21:30
Spectrum: Tune Spec :Average 86-88(2.15-2.16) Bgrd 79(2.12)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	649	77.00	378	125.00	28	169.00	40
37.00	3517	78.00	242	127.00	18	170.00	96
38.00	3018	79.00	2110	128.00	234	171.00	13
39.00	980	80.00	458	129.00	141	172.00	145
40.00	21	81.00	1804	130.00	174	174.00	43152
44.00	362	82.00	437	131.00	134	175.00	3588
45.00	599	83.00	40	132.00	36	176.00	42240
47.00	724	84.00	40	134.00	45	177.00	2567
48.00	353	87.00	2307	135.00	108	178.00	52
49.00	2935	88.00	1868	137.00	116	189.00	16
50.00	12301	91.00	284	138.00	27	191.00	18
51.00	3585	92.00	1670	139.00	73	199.00	24
52.00	171	93.00	2455	140.00	94	203.00	18
54.00	18	94.00	6719	141.00	552	206.00	18
55.00	162	95.00	55768	142.00	118	208.00	19
56.00	1068	96.00	3295	143.00	508	214.00	34
57.00	1830	97.00	133	144.00	39	215.00	23
58.00	4	100.00	19	146.00	59	219.00	19
60.00	688	102.00	17	147.00	82	237.00	29
61.00	2828	103.00	44	148.00	76	249.00	22
62.00	2846	104.00	218	149.00	42	267.00	54
63.00	2262	105.00	128	152.00	22	268.00	24
64.00	264	106.00	232	153.00	26	277.00	20
66.00	23	107.00	28	154.00	26	287.00	18
67.00	241	110.00	48	155.00	167	292.00	36
68.00	6315	111.00	71	156.00	17	296.00	19
69.00	6392	113.00	87	157.00	99	303.00	21
70.00	467	115.00	88	158.00	20	305.00	18
71.00	24	116.00	193	159.00	21	315.00	18
72.00	314	117.00	388	160.00	19	334.00	38
73.00	2669	118.00	150	161.00	46	339.00	25
74.00	10733	119.00	341	166.00	17	346.00	29
75.00	29688	123.00	18	167.00	17		

Report Date: 21-Dec-2018 10:33:13

Chrom Revision: 2.3 13-Dec-2018 17:23:12

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54818.D\8260W_13.rslt\spectra.d

Injection Date: 20-Dec-2018 06:21:30

Spectrum: Tune Spec :Average 86-88(2.15-2.16) Bgrd 79(2.12)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	2662	124.00	52	168.00	29		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-576929/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54763.D</u>
Analysis Method: <u>8260C</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/18/2018 23:37</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.632	J	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-576929/8
Matrix: Water Lab File ID: P54763.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/18/2018 23:37
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		74-132
460-00-4	4-Bromofluorobenzene	97		77-124
1868-53-7	Dibromofluoromethane (Surr)	116		72-131
2037-26-5	Toluene-d8 (Surr)	114		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54763.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 18-Dec-2018 23:37:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0083832-008
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 19-Dec-2018 11:03:20 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0314

First Level Reviewer: desais

Date: 19-Dec-2018 10:46:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
23 Methylene Chloride	84	1.845	1.845	0.000	87	1918		0.6324	
24 Acetone	43	1.866	1.859	0.007	87	3340		4.43	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	206797	1000.0	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.969	0.008	95	119714	50.0	57.8	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	205486	250.0	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.176	0.195	0	141228	50.0	59.2	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	466478	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.488	4.481	0.007	0	25877	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	4.876	0.264	98	485843	50.0	57.0	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	87	399682	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	87	135345	50.0	48.3	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	97	210750	50.0	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54763.D

Injection Date: 18-Dec-2018 23:37:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

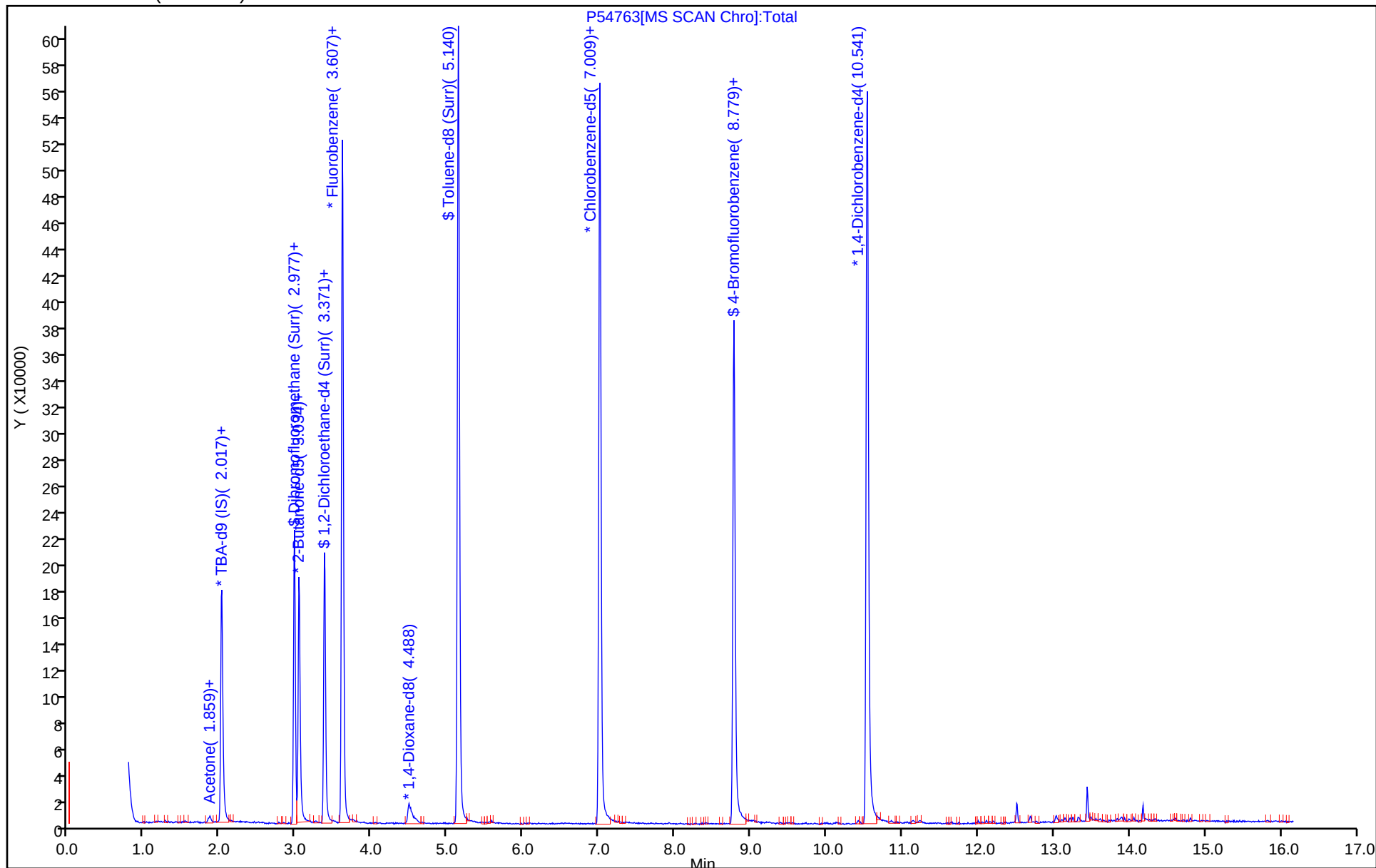
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54763.D

Injection Date: 18-Dec-2018 23:37:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 8

Purge Vol: 5.000 mL

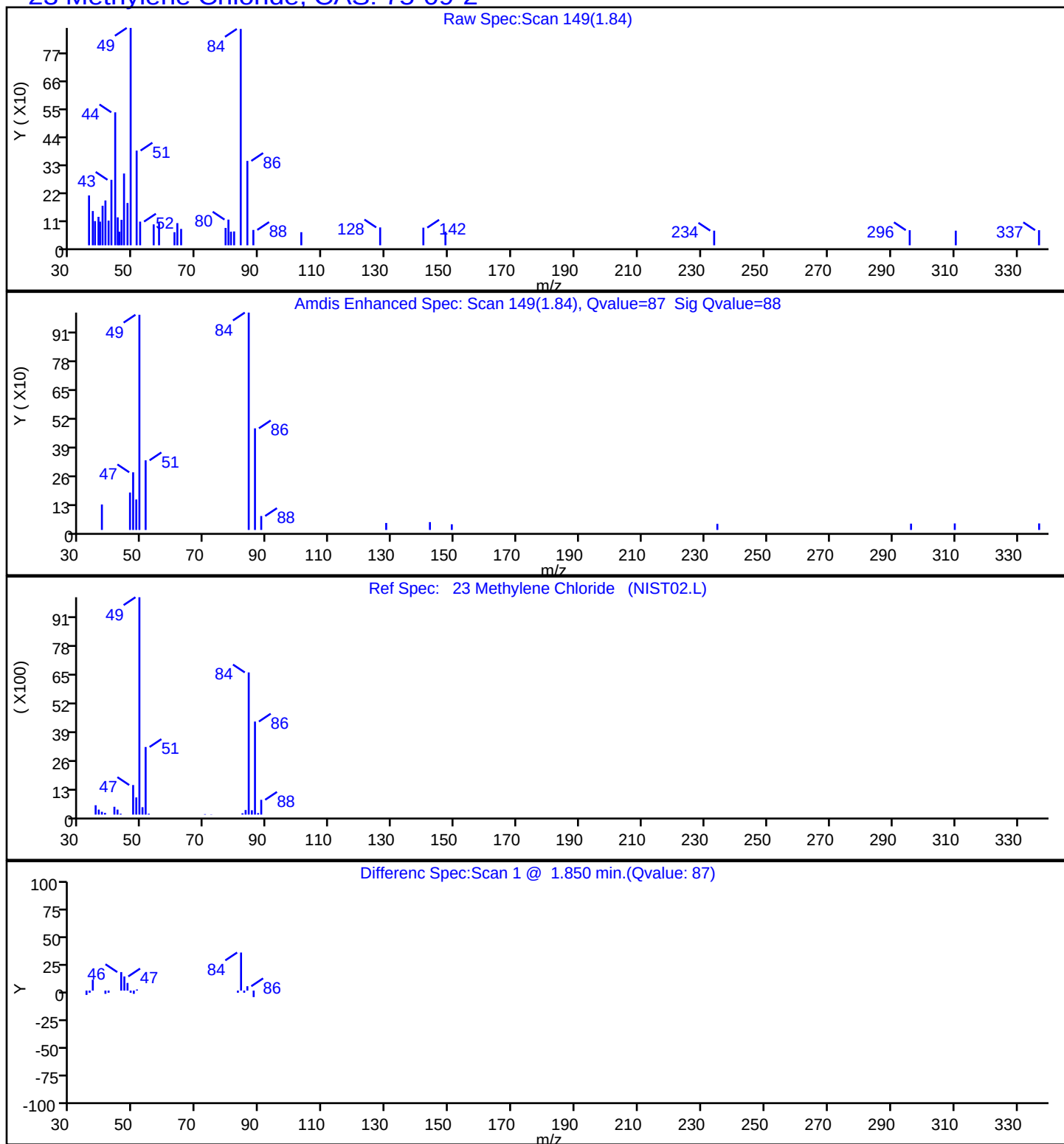
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

23 Methylene Chloride, CAS: 75-09-2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-577330/18

Matrix: Water Lab File ID: P54835.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 14:52

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 577330 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	2.9	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	2.7	U	5.0	2.7
67-64-1	Acetone	7.03		5.0	5.0
71-43-2	Benzene	0.43	U	1.0	0.43
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.14	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-577330/18
Matrix: Water Lab File ID: P54835.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 14:52
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	98		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54835.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 20-Dec-2018 14:52:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0083907-018
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Dec-2018 11:08:50 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1003

First Level Reviewer: smithra

Date: 20-Dec-2018 20:22:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
24 Acetone	43	1.866	1.859	0.007	87	7590		7.03	
* 29 TBA-d9 (IS)	65	2.009	2.017	-0.008	0	228227	1000.0	1000.0	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	95	111965	50.0	49.4	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	229284	250.0	250.0	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	142858	50.0	49.7	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	441827	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	25015	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	480110	50.0	49.2	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	394641	50.0	50.0	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	89	152503	50.0	48.9	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	96	220651	50.0	50.0	

Reagents:

8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54835.D

Injection Date: 20-Dec-2018 14:52:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

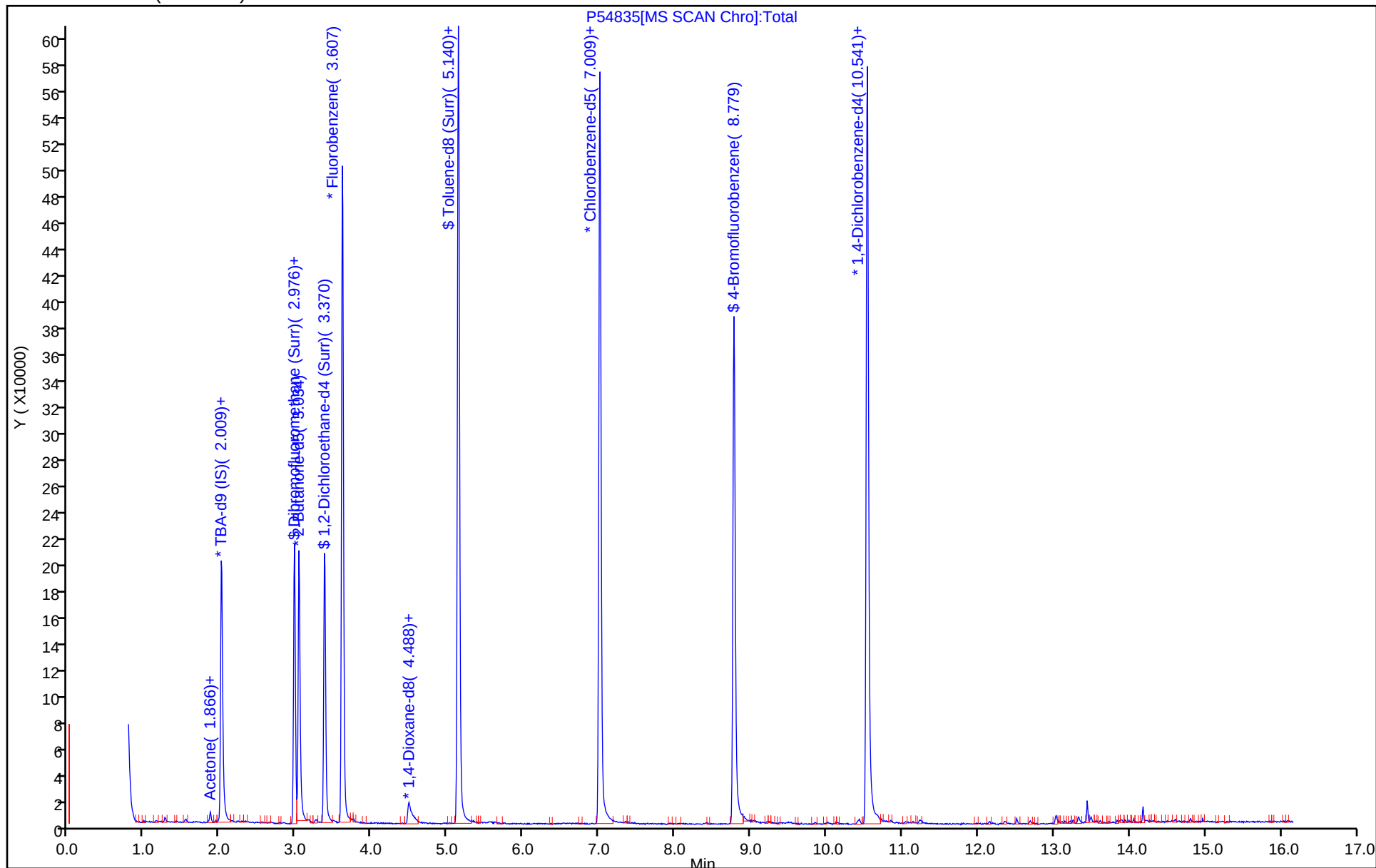
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54835.D

Injection Date: 20-Dec-2018 14:52:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 18

Purge Vol: 5.000 mL

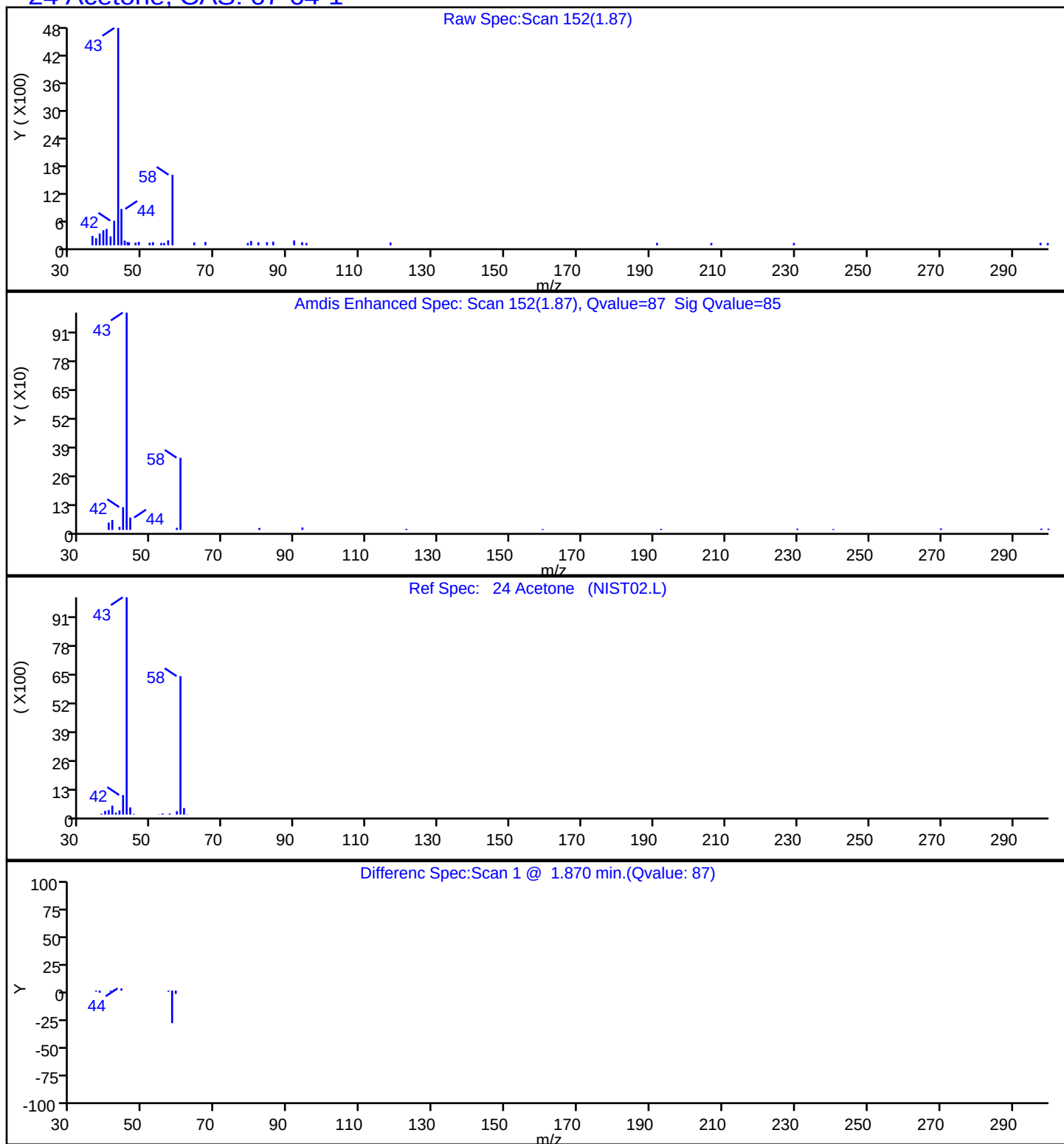
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

24 Acetone, CAS: 67-64-1

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54835.D

Injection Date: 20-Dec-2018 14:52:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

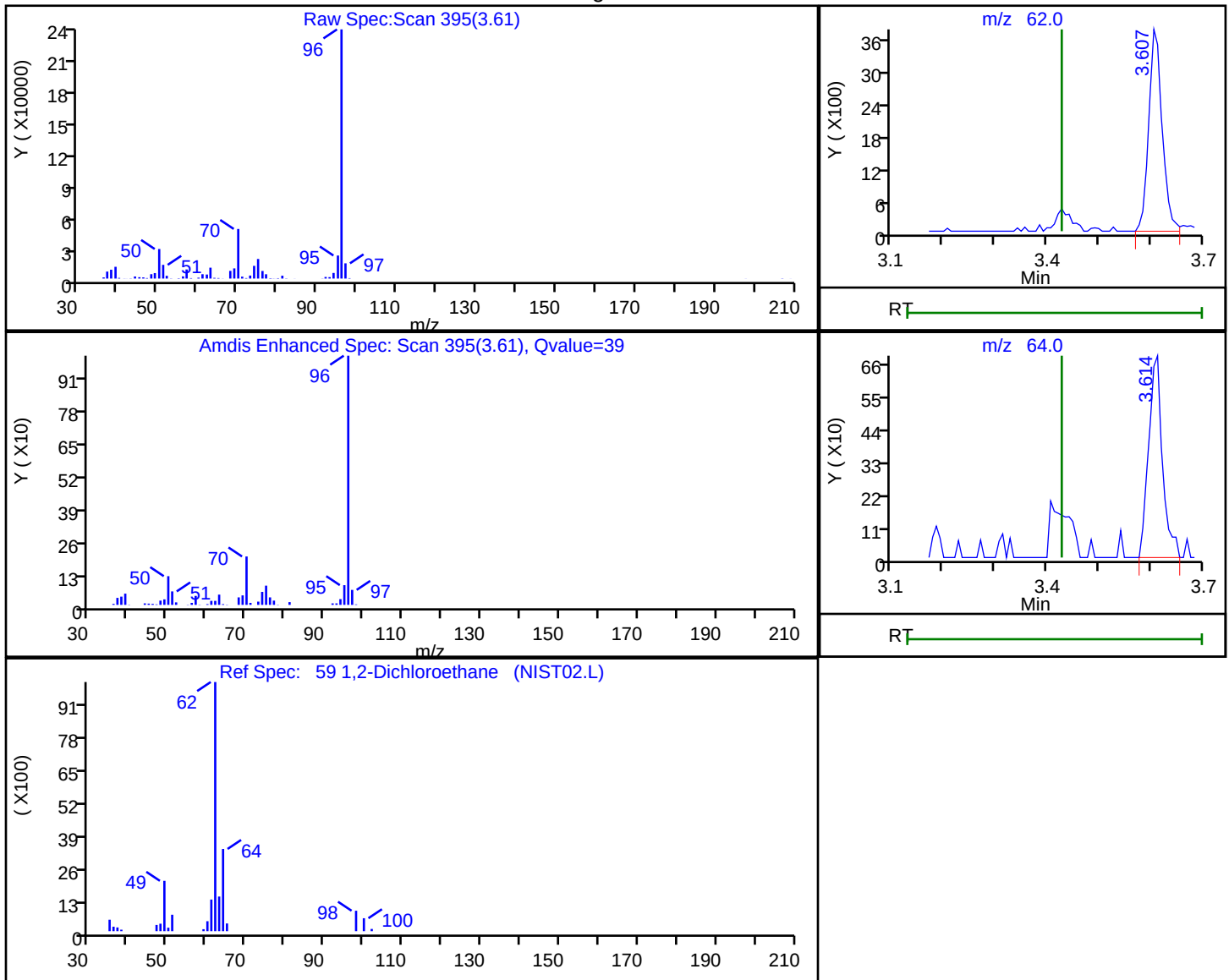
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.61	62.00	6748	1.231346
3.61	64.00	1277	

Reviewer: smithra, 20-Dec-2018 20:22:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54835.D

Injection Date: 20-Dec-2018 14:52:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

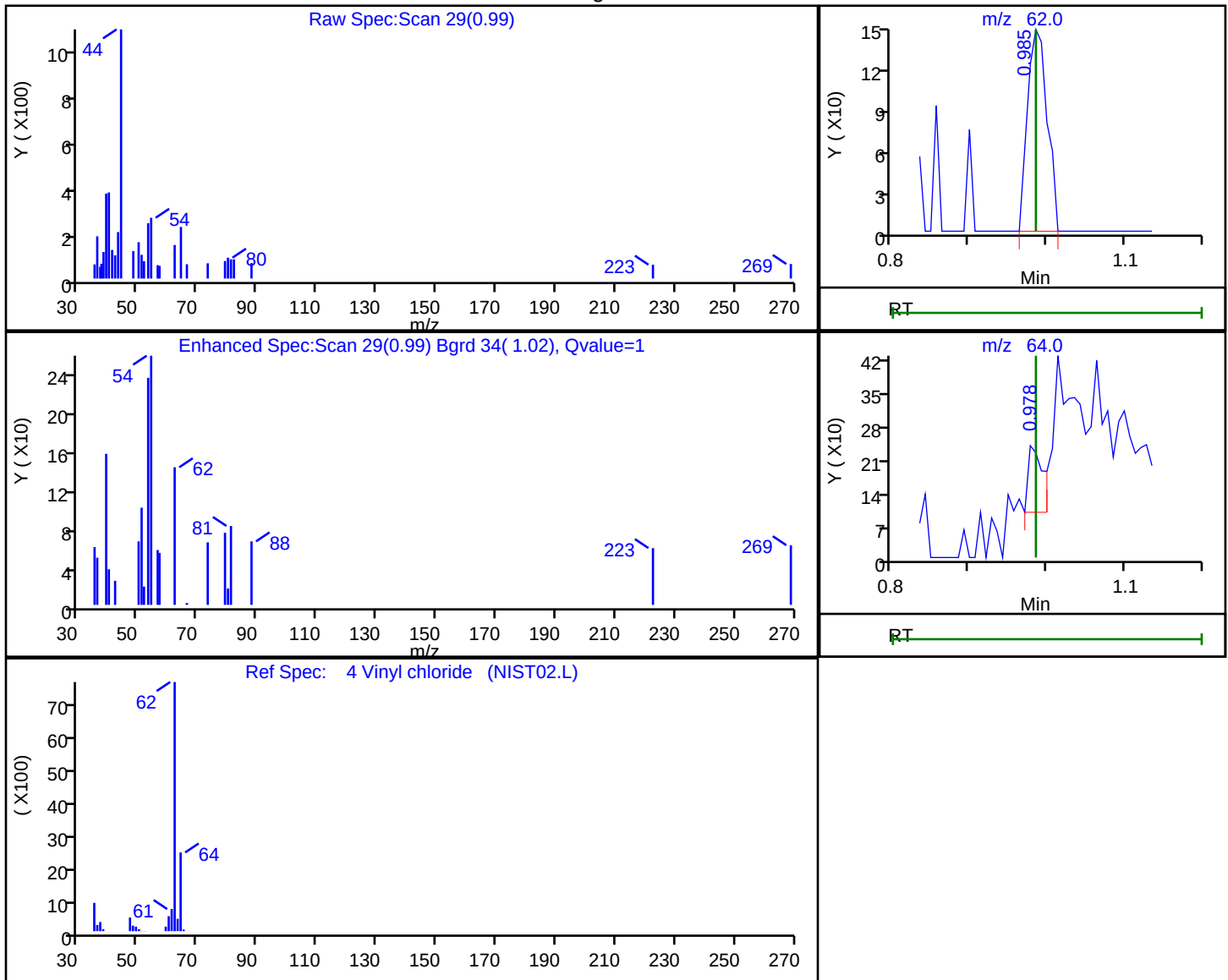
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.99	62.00	253	0.068017
0.98	64.00	188	

Reviewer: kluseys, 29-Dec-2018 11:08:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-576929/5

Matrix: Water Lab File ID: P54760.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 12/18/2018 22:21

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 576929 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.7		1.0	0.43
75-34-3	1,1-Dichloroethane	20.0		1.0	0.26
75-35-4	1,1-Dichloroethene	22.1		1.0	0.12
107-06-2	1,2-Dichloroethane	20.3		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
78-93-3	2-Butanone (MEK)	130		5.0	1.9
591-78-6	2-Hexanone	109		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	2.7
67-64-1	Acetone	101		5.0	5.0
71-43-2	Benzene	21.3		1.0	0.43
75-27-4	Bromodichloromethane	21.9		1.0	0.34
75-25-2	Bromoform	17.8		1.0	0.54
74-83-9	Bromomethane	26.5		1.0	1.0
75-15-0	Carbon disulfide	19.8		1.0	0.16
56-23-5	Carbon tetrachloride	20.5		1.0	0.21
108-90-7	Chlorobenzene	20.8		1.0	0.38
74-97-5	Chlorobromomethane	21.4		1.0	0.41
75-00-3	Chloroethane	18.8		1.0	0.32
67-66-3	Chloroform	21.8		1.0	0.33
74-87-3	Chloromethane	10.5		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.1		1.0	0.46
100-41-4	Ethylbenzene	19.6		1.0	0.30
75-09-2	Methylene Chloride	22.0		1.0	0.32
100-42-5	Styrene	21.2		1.0	0.42
127-18-4	Tetrachloroethene	18.9		1.0	0.25
108-88-3	Toluene	21.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.1		1.0	0.49
79-01-6	Trichloroethene	20.7		1.0	0.31
75-01-4	Vinyl chloride	16.4		1.0	0.17
1330-20-7	Xylenes, Total	39.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-576929/5
Matrix: Water Lab File ID: P54760.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/18/2018 22:21
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
1868-53-7	Dibromofluoromethane (Surr)	114		72-131
2037-26-5	Toluene-d8 (Surr)	113		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54760.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 18-Dec-2018 22:21:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0083832-005
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 19-Dec-2018 11:03:20 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0314

First Level Reviewer: desais

Date: 19-Dec-2018 11:01:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	88	19400	20.0	30.0	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	58185	20.0	19.6	
3 Chloromethane	50	0.964	0.964	0.000	26	33309	20.0	10.5	a
4 Vinyl chloride	62	0.985	0.985	0.000	84	54660	20.0	16.4	
5 Butadiene	54	0.985	0.985	0.000	96	44172	20.0	14.0	
6 Bromomethane	94	1.135	1.136	-0.001	98	33717	20.0	26.5	
7 Chloroethane	64	1.200	1.200	0.000	100	40087	20.0	18.8	
8 Trichlorofluoromethane	101	1.264	1.265	-0.001	86	93834	20.0	21.7	
9 Pentane	72	1.264	1.265	-0.001	93	18006	40.0	46.3	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	111455	20.0	20.7	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	98	79580	20.0	23.4	
12 Ethyl ether	59	1.422	1.422	0.000	93	46763	20.0	18.5	
13 Ethanol	46	1.494	1.494	0.000	98	4754	800.0	343.8	
14 1,1-Dichloroethene	96	1.522	1.523	0.000	98	57219	20.0	22.1	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.523	0.000	83	71857	20.0	22.4	
16 Carbon disulfide	76	1.537	1.537	0.000	100	169915	20.0	19.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.544	0.007	97	57760	20.0	25.6	
18 Iodomethane	142	1.608	1.601	0.007	99	35170	20.0	16.9	
19 Cyclopentene	67	1.680	1.680	0.000	96	139777	20.0	23.1	
20 Acrolein	56	1.701	1.702	-0.001	94	9144	40.0	24.5	
21 3-Chloro-1-propene	76	1.773	1.773	0.000	85	34953	20.0	21.3	
22 Isopropyl alcohol	45	1.794	1.802	-0.008	96	27290	200.0	162.4	
23 Methylene Chloride	84	1.837	1.845	-0.008	89	69497	20.0	22.0	
24 Acetone	43	1.859	1.859	0.000	86	73333	100.0	100.7	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	95	65950	20.0	21.3	
26 Methyl acetate	43	1.938	1.938	0.000	98	61804	40.0	35.0	
27 Hexane	86	1.974	1.974	0.000	93	10429	20.0	13.5	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	96	188324	20.0	21.5	
* 29 TBA-d9 (IS)	65	2.009	2.017	-0.008	0	184424	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	47797	200.0	177.4	
31 Acetonitrile	41	2.131	2.131	0.000	99	51733	200.0	157.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.224	2.224	0.000	93	185368	20.0	16.1	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	92	58703	20.0	21.9	
34 1,1-Dichloroethane	63	2.289	2.289	0.000	100	115448	20.0	20.0	
35 Acrylonitrile	53	2.325	2.325	0.000	94	185414	200.0	165.5	
36 Tert-butyl ethyl ether	59	2.453	2.454	-0.001	89	196115	20.0	18.5	
37 Vinyl acetate	43	2.461	2.461	0.000	99	251217	40.0	32.4	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	98	73413	20.0	21.2	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	97875	20.0	21.2	
40 Cyclohexane	56	2.776	2.776	0.000	87	81044	20.0	17.0	
41 Chlorobromomethane	128	2.783	2.783	0.000	87	36677	20.0	21.4	
42 Chloroform	83	2.840	2.841	0.000	98	115491	20.0	21.8	
43 Carbon tetrachloride	117	2.933	2.934	-0.001	98	83049	20.0	20.5	
44 Ethyl acetate	70	2.948	2.948	0.000	99	13114	40.0	45.8	
45 Methyl acrylate	55	2.948	2.948	0.000	84	45337	20.0	17.8	
46 Tetrahydrofuran	42	2.955	2.955	0.000	92	37692	40.0	38.1	
\$ 47 Dibromofluoromethane (Surr	113	2.969	2.969	0.000	95	122977	50.0	56.9	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	105077	20.0	22.0	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	198227	250.0	250.0	
50 2-Butanone (MEK)	72	3.070	3.070	0.000	98	35246	100.0	129.6	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	95	89573	20.0	20.8	
53 n-Heptane	57	3.263	3.170	0.093	71	25935	20.0	11.5	a
52 Isooctane	57	3.170	3.170	0.000	98	108991	20.0	11.6	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.176	0.194	0	145117	50.0	58.3	
54 Benzene	78	3.263	3.263	0.000	95	268241	20.0	21.3	
55 Propionitrile	54	3.284	3.285	-0.001	98	69643	200.0	184.2	
56 Methacrylonitrile	67	3.306	3.306	0.000	90	237166	200.0	210.5	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	98	187772	20.0	20.9	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	97501	20.0	20.3	
60 Isobutyl alcohol	43	3.506	3.507	-0.001	98	39235	500.0	359.7	
61 t-Amyl alcohol	59	3.571	3.571	0.000	94	29840	200.0	157.1	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	486713	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.679	-0.001	98	95144	20.0	15.6	
64 Methylcyclohexane	83	3.743	3.736	0.007	94	74397	20.0	15.9	
65 Trichloroethene	130	3.757	3.757	0.000	97	74461	20.0	20.7	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	95	157992	20.0	18.5	
67 Dibromomethane	93	4.130	4.123	0.007	96	45089	20.0	22.3	
68 n-Butanol	56	4.137	4.144	-0.007	88	28901	500.0	422.4	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	85	64734	20.0	19.2	
71 Ethyl acrylate	55	4.294	4.295	-0.001	98	66779	20.0	16.5	
70 Dichlorobromomethane	83	4.302	4.302	0.000	97	89304	20.0	21.9	
* 72 1,4-Dioxane-d8	96	4.488	4.481	0.007	0	24267	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	85	33796	40.0	39.9	
74 1,4-Dioxane	88	4.509	4.509	0.000	73	14442	400.0	438.1	
75 n-Propyl acetate	43	4.653	4.653	0.000	97	69050	20.0	16.6	
\$ 78 Toluene-d8 (Surr)	98	5.140	4.876	0.264	99	500297	50.0	56.5	
76 2-Chloroethyl vinyl ether	63	4.910	4.911	-0.001	96	40060	20.0	19.3	
77 cis-1,3-Dichloropropene	75	4.939	4.946	-0.007	96	100213	20.0	20.1	
79 Toluene	91	5.197	5.197	0.000	93	302880	20.0	21.5	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	99083	400.0	449.3	
81 2-Nitropropane	41	5.448	5.448	0.000	99	23104	40.0	26.8	
82 Tetrachloroethene	166	5.620	5.620	0.000	94	66829	20.0	18.9	
83 4-Methyl-2-pentanone (MIBK	43	5.663	5.663	0.000	96	244473	100.0	104.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.698	5.691	0.007	94	93186	20.0	21.1	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	50203	20.0	21.7	
86 Ethyl methacrylate	69	5.949	5.949	0.000	86	76899	20.0	20.6	
87 Chlorodibromomethane	129	6.071	6.071	0.000	97	65644	20.0	20.1	
88 1,3-Dichloropropane	76	6.185	6.186	-0.001	92	104004	20.0	22.4	
89 Ethylene Dibromide	107	6.314	6.315	-0.001	98	59042	20.0	20.1	
90 n-Butyl acetate	43	6.665	6.658	0.007	98	75192	20.0	15.6	
91 2-Hexanone	43	6.723	6.723	0.000	96	166026	100.0	108.6	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	91	415030	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	95	197822	20.0	20.8	
94 Ethylbenzene	106	7.117	7.110	0.007	98	103744	20.0	19.6	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	93	63471	20.0	19.4	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	125294	20.0	19.5	
97 o-Xylene	106	7.919	7.919	0.000	94	124481	20.0	20.2	
98 Bromoform	173	7.983	7.984	-0.001	93	34251	20.0	17.8	
99 Styrene	104	8.005	8.005	0.000	95	209527	20.0	21.2	
100 n-Butyl acrylate	73	8.327	8.327	0.000	97	37960	20.0	18.8	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	294710	20.0	18.3	
102 Amyl acetate (mixed isomer)	43	8.743	8.743	0.000	92	87265	20.0	15.9	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	86	147776	50.0	50.7	
104 Bromobenzene	156	8.886	8.886	0.000	95	86118	20.0	21.2	
105 N-Propylbenzene	91	9.036	9.037	-0.001	99	330610	20.0	18.3	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	96	70871	20.0	21.7	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	252044	20.0	20.3	
108 4-Ethyltoluene	105	9.230	9.223	0.007	98	286884	20.0	17.7	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	96	23232	20.0	21.6	
110 1,3,5-Trimethylbenzene	105	9.387	9.388	-0.001	93	234205	20.0	17.6	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	77	16374	20.0	15.8	
112 4-Chlorotoluene	91	9.480	9.473	0.007	98	235942	20.0	20.6	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	184838	20.0	15.7	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	250710	20.0	18.0	
115 Butyl Methacrylate	87	9.982	9.982	0.000	51	70656	20.0	19.3	
116 sec-Butylbenzene	105	10.139	10.140	-0.001	99	249284	20.0	14.8	
117 1,3-Dichlorobenzene	146	10.404	10.398	0.006	95	144467	20.0	17.7	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	223539	20.0	14.6	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.534	0.007	96	232778	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.555	10.555	0.000	94	153577	20.0	18.1	
121 1,2,3-Trimethylbenzene	105	10.662	10.663	-0.001	98	275375	20.0	18.9	
122 2,3-Dihydroindene	117	10.841	10.842	-0.001	94	278725	20.0	19.1	
123 Benzyl chloride	126	11.013	11.014	-0.001	97	16311	20.0	12.8	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	111941	20.0	14.0	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	183055	20.0	14.7	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	144753	20.0	18.7	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	96	205258	20.0	15.2	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.289	-0.001	94	12466	20.0	19.4	
129 1,3,5-Trichlorobenzene	180	12.338	12.339	-0.001	97	81748	20.0	14.0	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	94	75487	20.0	14.8	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	94	30550	20.0	12.8	
132 Naphthalene	128	13.305	13.306	-0.001	99	178525	20.0	18.6	
133 1,2,3-Trichlorobenzene	180	13.477	13.478	-0.001	95	69725	20.0	15.3	
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 135 1,3-Dichloropropene, Total	100				0		40.0	41.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	39.7	
S 137 Total BTEX	1				0		100.0	102.1	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00084	Amount Added: 4.00	Units: uL	
GASES Li_00291	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 20.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54760.D

Injection Date: 18-Dec-2018 22:21:30

Instrument ID: CVOAMS13

Lims ID: LCS

Operator ID:

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

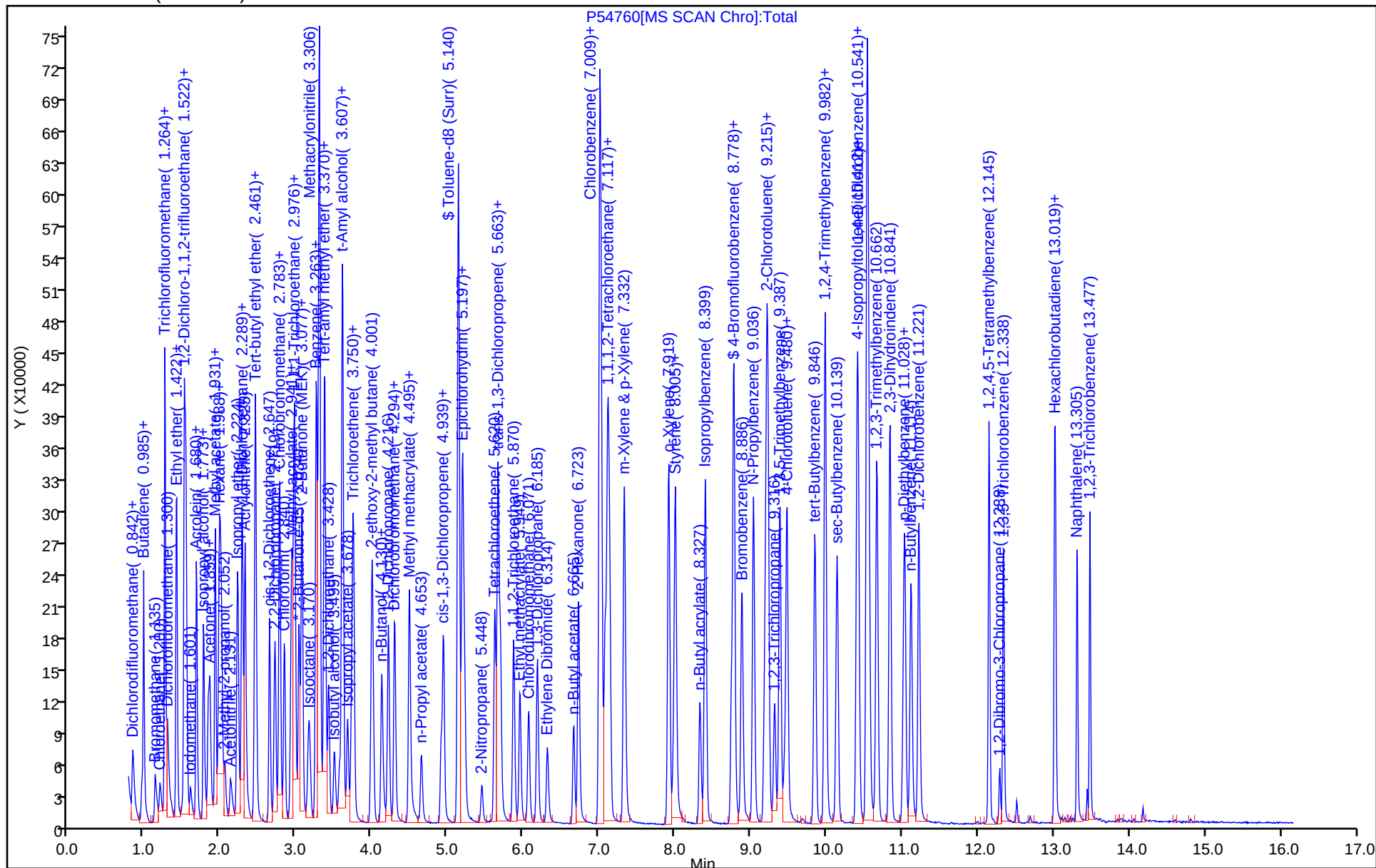
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54760.D

Injection Date: 18-Dec-2018 22:21:30

Instrument ID: CVOAMS13

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

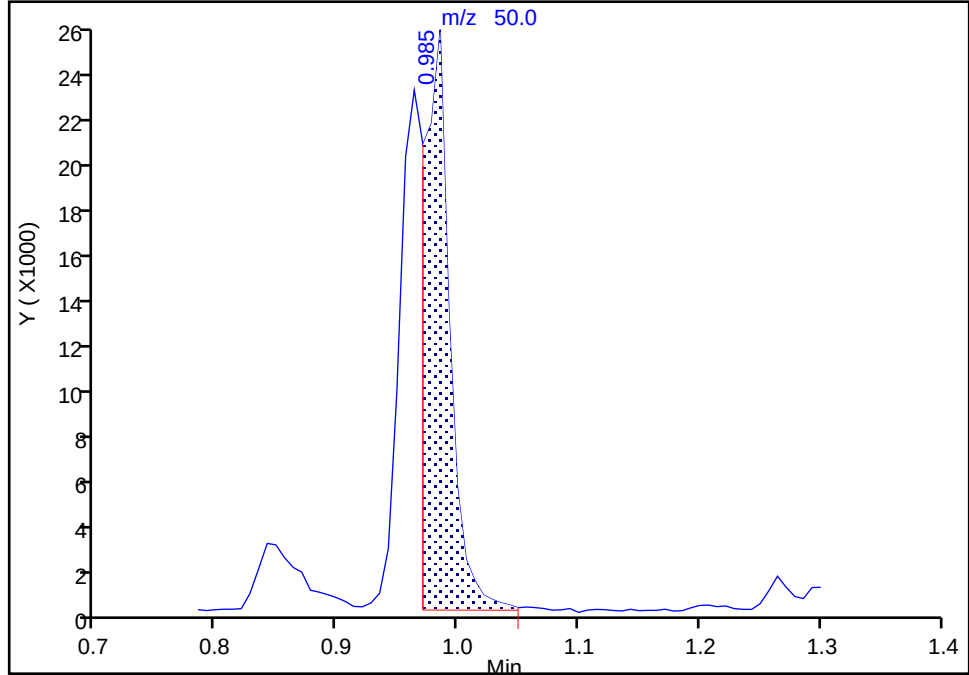
Detector: MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

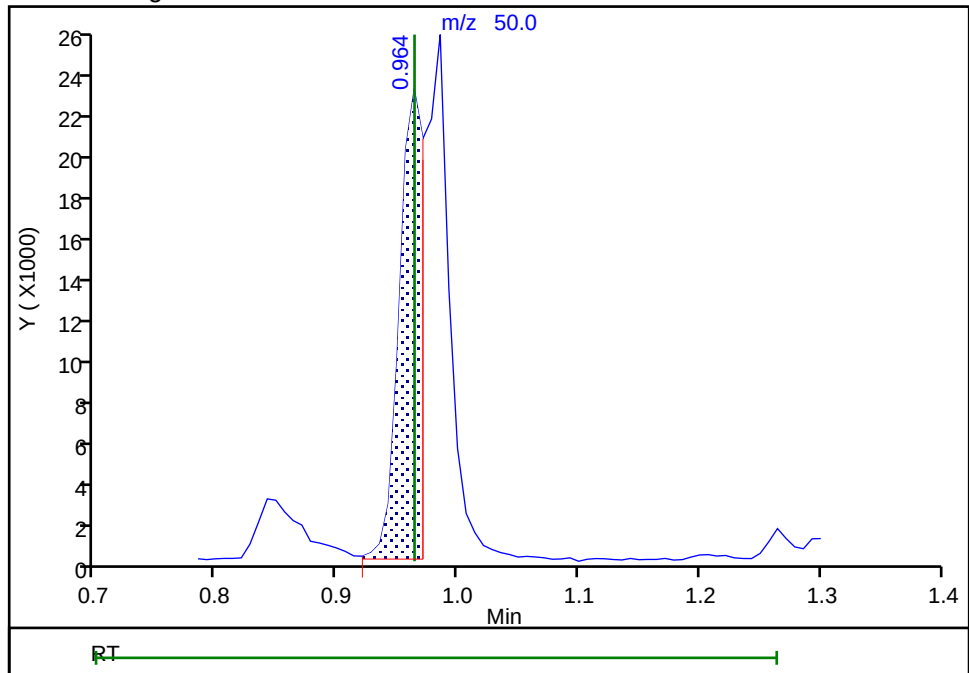
RT: 0.99
Area: 39543
Amount: 12.410253
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 33309
Amount: 10.453762
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 19-Dec-2018 10:59:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-577330/15

Matrix: Water Lab File ID: P54832.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 13:36

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 577330 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.43
75-34-3	1,1-Dichloroethane	19.7		1.0	0.26
75-35-4	1,1-Dichloroethene	19.8		1.0	0.12
107-06-2	1,2-Dichloroethane	19.3		1.0	0.43
78-87-5	1,2-Dichloropropane	20.4		1.0	0.35
78-93-3	2-Butanone (MEK)	101		5.0	1.9
591-78-6	2-Hexanone	114		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	2.7
67-64-1	Acetone	113		5.0	5.0
71-43-2	Benzene	19.8		1.0	0.43
75-27-4	Bromodichloromethane	20.9		1.0	0.34
75-25-2	Bromoform	20.6		1.0	0.54
74-83-9	Bromomethane	30.9		1.0	1.0
75-15-0	Carbon disulfide	20.6		1.0	0.16
56-23-5	Carbon tetrachloride	20.3		1.0	0.21
108-90-7	Chlorobenzene	20.6		1.0	0.38
74-97-5	Chlorobromomethane	21.0		1.0	0.41
75-00-3	Chloroethane	21.8		1.0	0.32
67-66-3	Chloroform	20.0		1.0	0.33
74-87-3	Chloromethane	30.4		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.9		1.0	0.46
100-41-4	Ethylbenzene	20.5		1.0	0.30
75-09-2	Methylene Chloride	19.2		1.0	0.32
100-42-5	Styrene	21.0		1.0	0.42
127-18-4	Tetrachloroethene	20.4		1.0	0.25
108-88-3	Toluene	20.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.0		1.0	0.49
79-01-6	Trichloroethene	20.1		1.0	0.31
75-01-4	Vinyl chloride	22.4		1.0	0.17
1330-20-7	Xylenes, Total	42.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-577330/15
Matrix: Water Lab File ID: P54832.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 13:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	102		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54832.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 20-Dec-2018 13:36:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0083907-015
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Dec-2018 11:15:40 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1003

First Level Reviewer: kluseys

Date: 29-Dec-2018 11:19:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	92	30234	20.0	33.2	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	98	91069	20.0	23.3	
3 Chloromethane	50	0.964	0.964	0.000	99	75487	20.0	30.4	
4 Vinyl chloride	62	0.985	0.985	0.000	69	87987	20.0	22.4	
5 Butadiene	54	0.985	0.985	0.000	98	70840	20.0	21.0	
6 Bromomethane	94	1.136	1.143	-0.007	98	58697	20.0	30.9	
7 Chloroethane	64	1.200	1.200	0.000	99	65616	20.0	21.8	
9 Pentane	72	1.265	1.265	0.000	95	22550	40.0	44.6	
8 Trichlorofluoromethane	101	1.265	1.265	0.000	79	120428	20.0	19.7	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	152082	20.0	20.4	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	99	98230	20.0	19.9	
12 Ethyl ether	59	1.422	1.422	0.000	95	61487	20.0	19.6	
13 Ethanol	46	1.501	1.501	0.000	100	14049	800.0	951.7	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	79	87781	20.0	20.9	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	66816	20.0	19.8	
16 Carbon disulfide	76	1.537	1.537	0.000	100	215024	20.0	20.6	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	98	59642	20.0	18.7	
18 Iodomethane	142	1.616	1.601	0.015	99	27679	20.0	9.01	
19 Cyclopentene	67	1.680	1.680	0.000	96	174966	20.0	19.6	
20 Acrolein	56	1.702	1.702	0.000	95	8417	40.1	18.3	
21 3-Chloro-1-propene	76	1.773	1.780	-0.007	88	42885	20.0	20.6	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	38504	200.0	201.4	
23 Methylene Chloride	84	1.845	1.845	0.000	95	78673	20.0	19.2	
24 Acetone	43	1.859	1.859	0.000	86	98467	100.0	112.6	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	96	78241	20.0	20.5	
26 Methyl acetate	43	1.938	1.938	0.000	99	90993	40.0	50.0	
27 Hexane	86	1.981	1.974	0.007	83	12030	20.0	19.8	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	97	223075	20.0	19.8	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	201973	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	62839	200.0	206.7	
31 Acetonitrile	41	2.139	2.131	0.007	98	74217	200.0	222.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.224	2.224	0.000	94	257741	20.0	20.4	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	94	68190	20.0	19.8	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	143713	20.0	19.7	
35 Acrylonitrile	53	2.325	2.325	0.000	93	242702	200.0	188.7	
37 Vinyl acetate	43	2.461	2.461	0.000	99	327971	40.0	38.6	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	89	249137	20.0	20.0	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	77267	20.0	19.9	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	114574	20.0	21.2	
40 Cyclohexane	56	2.783	2.776	0.007	91	91429	20.0	18.8	
41 Chlorobromomethane	128	2.783	2.783	0.000	92	37932	20.0	21.0	
42 Chloroform	83	2.840	2.840	0.000	97	127049	20.0	20.0	
43 Carbon tetrachloride	117	2.934	2.934	0.000	97	87670	20.0	20.3	
45 Methyl acrylate	55	2.948	2.948	0.000	98	57107	20.0	18.8	
44 Ethyl acetate	70	2.941	2.948	-0.007	99	14471	40.0	40.4	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	48803	40.0	40.7	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.977	0.000	96	121970	50.0	50.9	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	112505	20.0	20.8	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	219016	250.0	250.0	
50 2-Butanone (MEK)	72	3.077	3.077	0.000	99	39827	100.0	101.3	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	94	102897	20.0	18.4	
52 Isooctane	57	3.170	3.170	0.000	98	114044	20.0	19.1	
53 n-Heptane	57	3.263	3.263	0.000	81	27933	20.0	17.7	
54 Benzene	78	3.263	3.263	0.000	96	298138	20.0	19.8	
55 Propionitrile	54	3.285	3.285	0.000	99	86695	200.0	219.7	
56 Methacrylonitrile	67	3.306	3.306	0.000	93	273180	200.0	190.1	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.371	0.000	0	150496	50.0	49.5	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	98	214953	20.0	20.2	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	111825	20.0	19.3	
60 Isobutyl alcohol	43	3.507	3.507	0.000	98	52378	500.0	540.8	
61 t-Amyl alcohol	59	3.571	3.571	0.000	94	36759	200.0	201.7	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	467168	50.0	50.0	
63 Isopropyl acetate	43	3.679	3.679	0.000	98	123258	20.0	18.8	
64 Methylcyclohexane	83	3.736	3.736	0.000	95	74531	20.0	18.0	
65 Trichloroethene	130	3.757	3.757	0.000	97	78063	20.0	20.1	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	92	188245	20.0	20.7	
67 Dibromomethane	93	4.130	4.130	0.000	97	47534	20.0	19.9	
68 n-Butanol	56	4.137	4.144	-0.007	90	32753	500.0	453.6	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	78467	20.0	20.4	
71 Ethyl acrylate	55	4.295	4.295	0.000	97	79689	20.0	19.2	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	101666	20.0	20.9	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	21833	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	89	38062	40.0	40.7	
74 1,4-Dioxane	88	4.517	4.509	0.008	93	15547	400.0	445.8	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	88881	20.0	19.3	
76 2-Chloroethyl vinyl ether	63	4.911	4.911	0.000	96	46037	20.0	20.4	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	120638	20.0	21.9	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	511628	50.0	50.7	
79 Toluene	91	5.197	5.197	0.000	93	335695	20.0	20.0	
81 2-Nitropropane	41	5.455	5.448	0.007	98	29189	40.0	30.2	
82 Tetrachloroethene	166	5.620	5.620	0.000	96	75966	20.0	20.4	
83 4-Methyl-2-pentanone (MIBK	43	5.663	5.663	0.000	97	307564	100.0	106.0	
84 trans-1,3-Dichloropropene	75	5.699	5.699	0.001	94	105813	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	56340	20.0	20.6	
86 Ethyl methacrylate	69	5.949	5.949	0.000	89	86343	20.0	20.4	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	70160	20.0	21.0	
88 1,3-Dichloropropane	76	6.186	6.186	0.000	94	117043	20.0	20.4	
89 Ethylene Dibromide	107	6.315	6.315	0.000	99	66596	20.0	20.7	
90 n-Butyl acetate	43	6.658	6.658	0.000	98	95179	20.0	19.6	
91 2-Hexanone	43	6.723	6.723	0.000	97	213804	100.0	113.7	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	89	407661	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	96	217964	20.0	20.6	
94 Ethylbenzene	106	7.110	7.110	0.000	99	114140	20.0	20.5	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	92	71576	20.0	20.9	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	139662	20.0	21.4	
97 o-Xylene	106	7.919	7.919	0.000	93	137294	20.0	20.8	
98 Bromoform	173	7.976	7.984	-0.008	95	41471	20.0	20.6	
99 Styrene	104	8.005	8.005	0.000	94	220958	20.0	21.0	
100 n-Butyl acrylate	73	8.335	8.327	0.008	96	47433	20.0	17.5	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	324798	20.0	20.9	
102 Amyl acetate (mixed isomer	43	8.743	8.743	0.000	91	112484	20.0	19.7	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	90	165537	50.0	51.4	
104 Bromobenzene	156	8.886	8.886	0.000	94	94605	20.0	19.9	
105 N-Propylbenzene	91	9.037	9.036	0.000	99	372139	20.0	21.6	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	97	80056	20.0	19.1	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	277199	20.0	20.9	
108 4-Ethyltoluene	105	9.230	9.230	0.000	97	321081	20.0	21.5	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	97	25279	20.0	19.9	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	262238	20.0	21.7	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	83	22015	20.0	17.8	
112 4-Chlorotoluene	91	9.481	9.481	0.000	98	259808	20.0	21.4	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	204918	20.0	21.3	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	277543	20.0	21.0	
115 Butyl Methacrylate	87	9.982	9.982	0.000	57	80711	20.0	16.2	
116 sec-Butylbenzene	105	10.140	10.140	0.000	98	278257	20.0	21.3	
117 1,3-Dichlorobenzene	146	10.405	10.405	0.000	95	165612	20.0	21.3	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	252633	20.0	22.0	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	96	232598	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	94	171638	20.0	20.1	
121 1,2,3-Trimethylbenzene	105	10.663	10.662	0.001	99	305243	20.0	21.4	
122 2,3-Dihydroindene	117	10.842	10.842	0.000	94	315872	20.0	21.9	
123 Benzyl chloride	126	11.014	11.013	0.001	97	19694	20.0	14.9	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	125758	20.0	22.3	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	202940	20.0	22.3	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	163459	20.0	21.2	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	220674	20.0	22.4	
128 1,2-Dibromo-3-Chloropropan	157	12.289	12.289	0.001	91	14957	20.0	20.6	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	97	100996	20.0	22.4	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	93	92932	20.0	22.3	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	94	38071	20.0	22.9	
132 Naphthalene	128	13.306	13.306	0.000	99	189918	20.0	20.9	
133 1,2,3-Trichlorobenzene	180	13.478	13.478	0.000	95	83769	20.0	21.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 135 1,3-Dichloropropene, Total	100				0		40.0	42.8	
S 136 Xylenes, Total	100				0		40.0	42.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Total BTEX

1

0

100.0

102.5

Reagents:

GAS C SP_00282

Amount Added: 20.00

Units: uL

ACROLEIN SP_00093

Amount Added: 4.00

Units: uL

8260 SP_00097

Amount Added: 20.00

Units: uL

8260ISNEW_00123

Amount Added: 1.00

Units: uL

Run Reagent

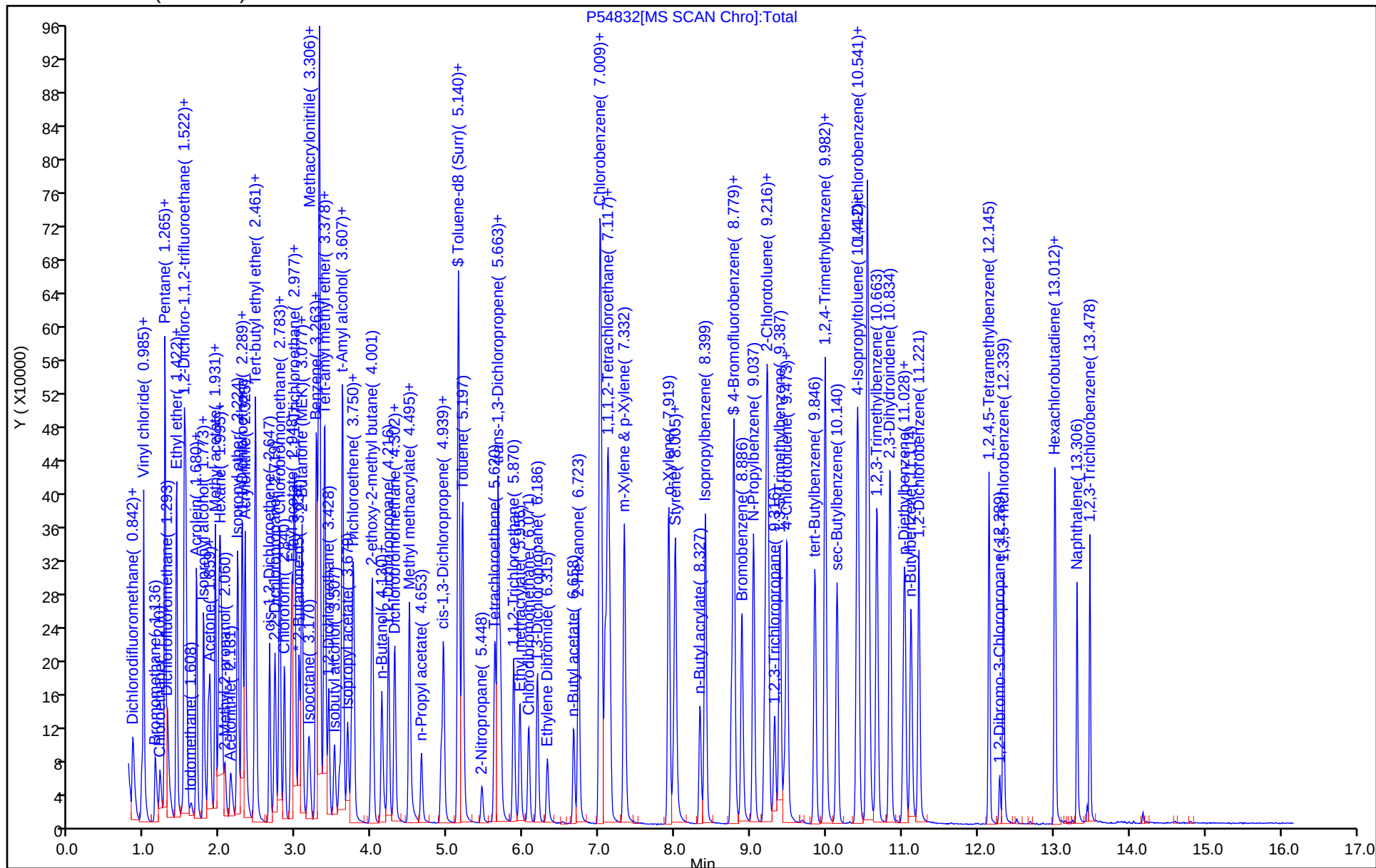
8260SURR250_00187

Amount Added: 1.00

Units: uL

Run Reagent

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-2B 12112018 MS</u>	Lab Sample ID: <u>460-171555-2 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54779.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 10:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/19/2018 06:23</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.5		1.0	0.43
75-34-3	1,1-Dichloroethane	21.0		1.0	0.26
75-35-4	1,1-Dichloroethene	22.4		1.0	0.12
107-06-2	1,2-Dichloroethane	20.7		1.0	0.43
78-87-5	1,2-Dichloropropane	20.2		1.0	0.35
78-93-3	2-Butanone (MEK)	120		5.0	1.9
591-78-6	2-Hexanone	107		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	2.7
67-64-1	Acetone	89.9		5.0	5.0
71-43-2	Benzene	21.6		1.0	0.43
75-27-4	Bromodichloromethane	22.4		1.0	0.34
75-25-2	Bromoform	18.1		1.0	0.54
74-83-9	Bromomethane	19.7		1.0	1.0
75-15-0	Carbon disulfide	19.0		1.0	0.16
56-23-5	Carbon tetrachloride	20.7		1.0	0.21
108-90-7	Chlorobenzene	21.1		1.0	0.38
74-97-5	Chlorobromomethane	21.5		1.0	0.41
75-00-3	Chloroethane	19.9		1.0	0.32
67-66-3	Chloroform	22.9		1.0	0.33
74-87-3	Chloromethane	13.5		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	21.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.46
100-41-4	Ethylbenzene	19.6		1.0	0.30
75-09-2	Methylene Chloride	22.6		1.0	0.32
100-42-5	Styrene	20.9		1.0	0.42
127-18-4	Tetrachloroethene	19.9		1.0	0.25
108-88-3	Toluene	22.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.4		1.0	0.49
79-01-6	Trichloroethene	20.8		1.0	0.31
75-01-4	Vinyl chloride	17.5		1.0	0.17
1330-20-7	Xylenes, Total	40.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-2B 12112018 MS Lab Sample ID: 460-171555-2 MS
Matrix: Water Lab File ID: P54779.D
Analysis Method: 8260C Date Collected: 12/11/2018 10:00
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 06:23
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	113		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54779.D
 Lims ID: 460-171555-A-2 MS
 Client ID: FSMW-2B 12112018
 Sample Type: MS
 Inject. Date: 19-Dec-2018 06:23:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-2 MS
 Misc. Info.: 460-0083832-024
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: desais

Date: 19-Dec-2018 10:56:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	93	16205	20.0	24.9	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	60542	20.0	20.3	
3 Chloromethane	50	0.964	0.964	0.000	26	43388	20.0	13.5	a
4 Vinyl chloride	62	0.985	0.985	0.000	76	58651	20.0	17.5	
5 Butadiene	54	0.985	0.985	0.000	97	46268	20.0	14.6	
6 Bromomethane	94	1.143	1.136	0.007	97	28569	20.0	19.7	
7 Chloroethane	64	1.200	1.200	0.000	99	42697	20.0	19.9	
8 Trichlorofluoromethane	101	1.264	1.265	-0.001	89	95472	20.0	21.9	
9 Pentane	72	1.264	1.265	-0.001	94	16561	40.0	35.2	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	120152	20.0	22.2	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	98	78983	20.0	23.1	
12 Ethyl ether	59	1.422	1.422	0.000	93	50665	20.0	19.9	
13 Ethanol	46	1.501	1.494	0.007	99	11771	800.0	705.0	
14 1,1-Dichloroethene	96	1.522	1.523	0.000	98	58301	20.0	22.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.523	0.000	83	72146	20.0	22.3	
16 Carbon disulfide	76	1.544	1.537	0.007	100	163837	20.0	19.0	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.544	0.007	97	53914	20.0	23.8	
18 Iodomethane	142	1.608	1.601	0.007	98	23881	20.0	11.4	
19 Cyclopentene	67	1.680	1.680	0.000	96	143011	20.0	23.5	
20 Acrolein	56	1.701	1.702	-0.001	93	9801	40.0	21.7	
21 3-Chloro-1-propene	76	1.780	1.773	0.007	85	34625	20.0	20.9	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	36144	200.0	178.1	
23 Methylene Chloride	84	1.845	1.845	0.000	92	71942	20.0	22.6	
24 Acetone	43	1.866	1.859	0.007	86	74441	100.0	89.9	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	95	69143	20.0	22.2	
26 Methyl acetate	43	1.938	1.938	0.000	98	66020	40.0	30.9	
27 Hexane	86	1.981	1.974	0.007	87	9632	20.0	12.4	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	96	200206	20.0	22.7	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	222706	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	57115	200.0	175.6	
31 Acetonitrile	41	2.131	2.131	0.000	98	57474	200.0	144.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.224	2.224	0.000	92	195804	20.0	16.9	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	93	59588	20.0	22.1	
34 1,1-Dichloroethane	63	2.296	2.289	0.007	99	121841	20.0	21.0	
35 Acrylonitrile	53	2.325	2.325	0.000	93	205212	200.0	182.1	
36 Tert-butyl ethyl ether	59	2.461	2.454	0.007	90	205996	20.0	19.3	
37 Vinyl acetate	43	2.468	2.461	0.007	99	256962	40.0	33.0	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	97	75626	20.0	21.7	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	89993	20.0	19.4	
40 Cyclohexane	56	2.783	2.776	0.007	88	79678	20.0	16.6	
41 Chlorobromomethane	128	2.783	2.783	0.000	88	36998	20.0	21.5	
42 Chloroform	83	2.840	2.841	0.000	98	122309	20.0	22.9	
43 Carbon tetrachloride	117	2.933	2.934	-0.001	97	84281	20.0	20.7	
44 Ethyl acetate	70	2.948	2.948	0.000	99	13609	40.0	41.7	
45 Methyl acrylate	55	2.948	2.948	0.000	98	50164	20.0	19.6	
46 Tetrahydrofuran	42	2.955	2.955	0.000	93	43033	40.0	38.3	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.969	0.007	95	121296	50.0	55.8	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	106661	20.0	22.2	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	225557	250.0	250.0	
50 2-Butanone (MEK)	72	3.077	3.070	0.007	98	37255	100.0	120.4	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	94	93289	20.0	21.6	
52 Isooctane	57	3.170	3.170	0.000	97	88700	20.0	9.42	
53 n-Heptane	57	3.263	3.263	0.000	85	20840	20.0	9.18	
54 Benzene	78	3.263	3.263	0.000	94	274881	20.0	21.6	
55 Propionitrile	54	3.284	3.285	-0.001	98	76718	200.0	168.1	
56 Methacrylonitrile	67	3.306	3.306	0.000	90	262386	200.0	231.6	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	142547	50.0	57.0	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	98	194615	20.0	21.5	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	100319	20.0	20.7	
60 Isobutyl alcohol	43	3.507	3.507	-0.001	98	44721	500.0	339.5	
61 t-Amyl alcohol	59	3.571	3.571	0.000	94	34516	200.0	150.5	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	489368	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.679	-0.001	98	101041	20.0	16.4	
64 Methylcyclohexane	83	3.736	3.736	0.000	94	68956	20.0	14.7	
65 Trichloroethene	130	3.757	3.757	0.000	96	75104	20.0	20.8	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	95	162987	20.0	19.0	
67 Dibromomethane	93	4.130	4.123	0.007	95	47316	20.0	23.3	
68 n-Butanol	56	4.137	4.144	-0.007	92	28654	500.0	348.3	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	68453	20.0	20.2	
71 Ethyl acrylate	55	4.294	4.295	-0.001	97	72195	20.0	17.7	
70 Dichlorobromomethane	83	4.302	4.302	0.000	99	91738	20.0	22.4	
* 72 1,4-Dioxane-d8	96	4.481	4.481	0.000	0	26156	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	85	36752	40.0	43.2	
74 1,4-Dioxane	88	4.509	4.509	0.000	26	16164	400.0	454.9	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	70588	20.0	16.9	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	95	98791	20.0	19.6	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	502373	50.0	56.3	
79 Toluene	91	5.197	5.197	0.000	93	311843	20.0	22.0	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	68723	400.0	273.9	
81 2-Nitropropane	41	5.448	5.448	0.000	98	24973	40.0	28.8	
82 Tetrachloroethene	166	5.627	5.620	0.007	93	70827	20.0	19.9	
83 4-Methyl-2-pentanone (MIBK	43	5.663	5.663	0.000	96	275074	100.0	103.3	
84 trans-1,3-Dichloropropene	75	5.698	5.691	0.007	97	90963	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	52392	20.0	22.5	
86 Ethyl methacrylate	69	5.949	5.949	0.000	87	80806	20.0	21.6	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	65412	20.0	19.9	
88 1,3-Dichloropropane	76	6.185	6.186	-0.001	92	108368	20.0	23.2	
89 Ethylene Dibromide	107	6.314	6.315	-0.001	98	63729	20.0	21.5	
90 n-Butyl acetate	43	6.658	6.658	0.000	98	77156	20.0	15.9	
91 2-Hexanone	43	6.723	6.723	0.000	95	186464	100.0	107.2	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	417973	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	94	201614	20.0	21.1	
94 Ethylbenzene	106	7.110	7.110	0.000	99	104632	20.0	19.6	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	91	63686	20.0	19.3	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	127936	20.0	19.8	
97 o-Xylene	106	7.919	7.919	0.000	93	125451	20.0	20.2	
98 Bromoform	173	7.983	7.984	-0.001	93	34907	20.0	18.1	
99 Styrene	104	8.005	8.005	0.000	95	208372	20.0	20.9	
100 n-Butyl acrylate	73	8.327	8.327	0.000	97	39575	20.0	19.5	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	297264	20.0	18.3	
102 Amyl acetate (mixed isomer	43	8.743	8.743	0.000	91	88648	20.0	16.1	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	-0.001	87	148080	50.0	50.5	
104 Bromobenzene	156	8.886	8.886	0.000	96	83756	20.0	20.4	
105 N-Propylbenzene	91	9.036	9.037	-0.001	99	329618	20.0	18.1	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	97	77480	20.0	23.6	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	256042	20.0	20.5	
108 4-Ethyltoluene	105	9.230	9.223	0.007	98	282676	20.0	17.3	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	95	23914	20.0	22.1	
110 1,3,5-Trimethylbenzene	105	9.387	9.388	-0.001	93	238570	20.0	17.8	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	81	15287	20.0	14.7	
112 4-Chlorotoluene	91	9.480	9.473	0.007	98	231934	20.0	20.1	
113 tert-Butylbenzene	119	9.846	9.846	0.000	93	183679	20.0	15.5	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	254533	20.0	18.1	
115 Butyl Methacrylate	87	9.982	9.982	0.000	50	68193	20.0	18.5	
116 sec-Butylbenzene	105	10.139	10.140	-0.001	99	244489	20.0	14.5	
117 1,3-Dichlorobenzene	146	10.405	10.398	0.006	95	146232	20.0	17.8	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	215858	20.0	14.0	
* 119 1,4-Dichlorobenzene-d4	152	10.533	10.534	-0.001	96	234454	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	95	150736	20.0	17.7	
121 1,2,3-Trimethylbenzene	105	10.670	10.663	0.007	99	276932	20.0	18.8	
122 2,3-Dihydroindene	117	10.841	10.842	-0.001	93	285135	20.0	19.4	
123 Benzyl chloride	126	11.013	11.014	-0.001	96	12782	20.0	9.99	
124 p-Diethylbenzene	119	11.035	11.035	0.000	94	107325	20.0	13.3	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	166184	20.0	13.3	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	94	143795	20.0	18.5	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	195150	20.0	14.3	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.289	-0.001	92	12762	20.0	19.7	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	96	76684	20.0	13.0	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	94	71832	20.0	14.0	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	90	24578	20.0	10.2	
132 Naphthalene	128	13.306	13.306	0.000	99	152690	20.0	15.8	
133 1,2,3-Trichlorobenzene	180	13.477	13.478	-0.001	94	66301	20.0	14.5	
S 134 1,2-Dichloroethene, Total	100				0		40.0	43.9	
S 135 1,3-Dichloropropene, Total	100				0		40.0	40.1	
S 136 Xylenes, Total	100				0		40.0	40.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Total BTEX

1

0

100.0

103.3

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00084

Amount Added: 4.00

Units: uL

8260MIX1COMB_00091

Amount Added: 20.00

Units: uL

GASES Li_00291

Amount Added: 20.00

Units: uL

8260ISNEW_00123

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00187

Amount Added: 1.00

Units: uL

Run Reagent

Operator ID:

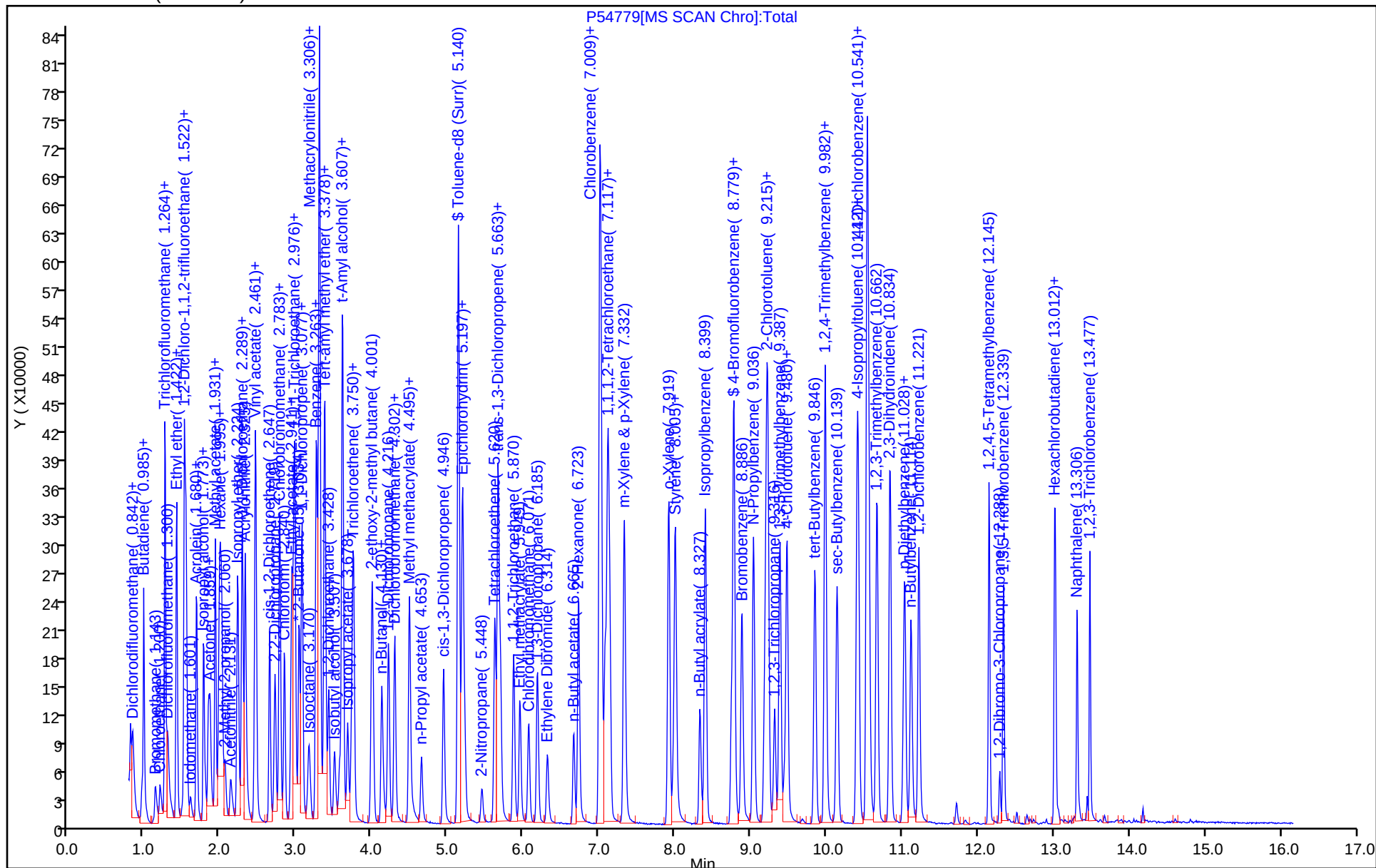
Worklist Smp#: 24

Client ID: FSMW-2B 12112018

ALS Bottle#: 23

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54779.D

Injection Date: 19-Dec-2018 06:23:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-2 MS

Client ID: FSMW-2B 12112018

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

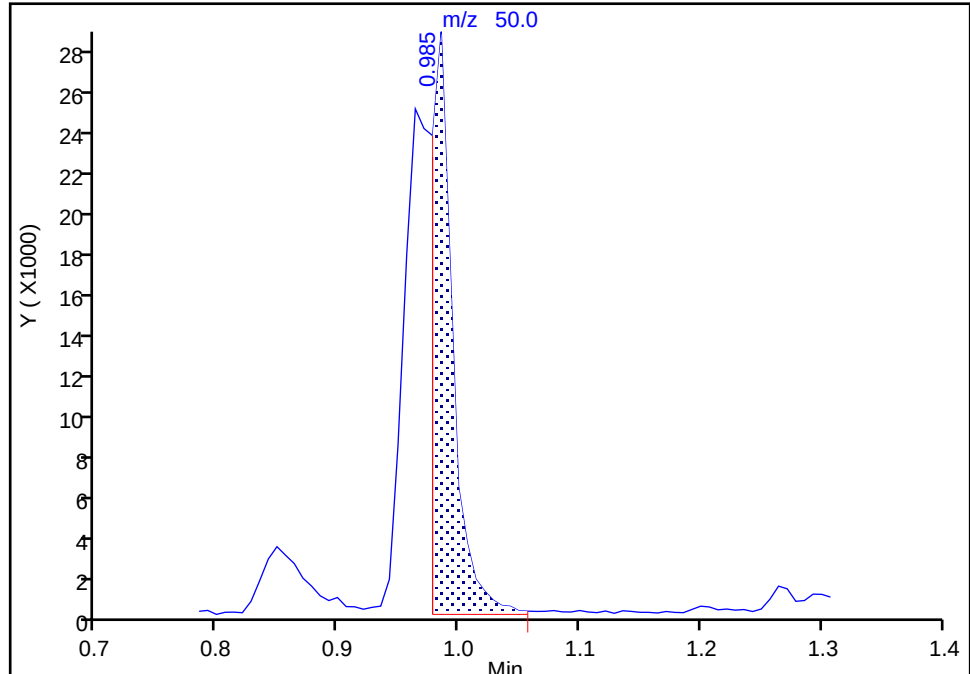
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

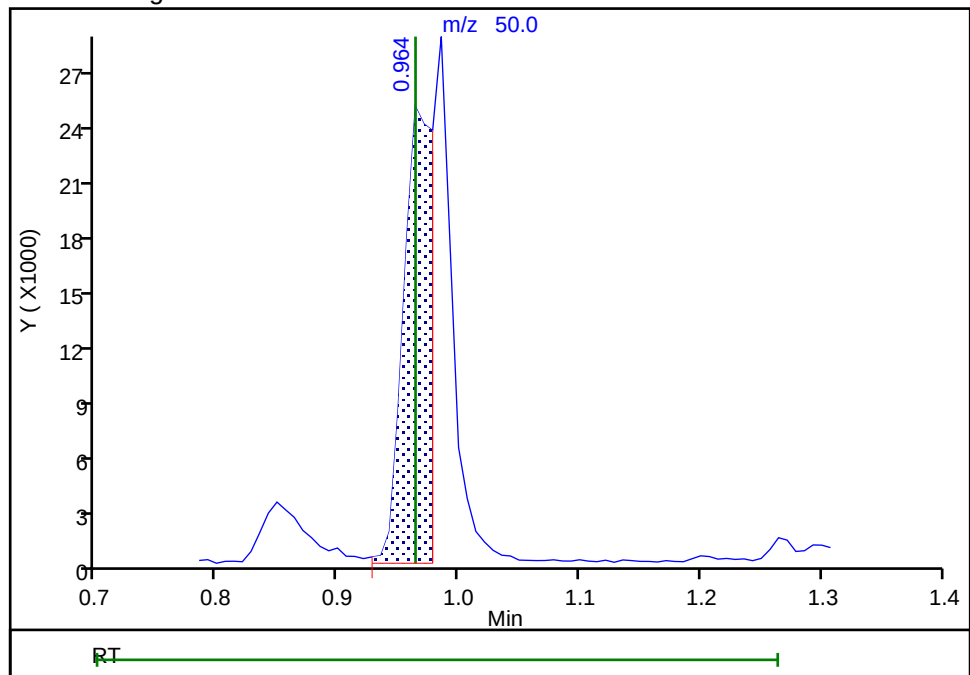
RT: 0.99
Area: 36270
Amount: 11.321291
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 43388
Amount: 13.543098
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 19-Dec-2018 10:56:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-8A 12122018 MS</u>	Lab Sample ID: <u>460-171555-10 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54842.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/12/2018 10:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/20/2018 17:49</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>577330</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	204		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	200		10	3.7
79-00-5	1,1,2-Trichloroethane	202		10	4.3
75-34-3	1,1-Dichloroethane	196		10	2.6
75-35-4	1,1-Dichloroethene	193		10	1.2
107-06-2	1,2-Dichloroethane	198		10	4.3
78-87-5	1,2-Dichloropropane	200		10	3.5
78-93-3	2-Butanone (MEK)	958		50	19
591-78-6	2-Hexanone	1130		50	29
108-10-1	4-Methyl-2-pentanone (MIBK)	1070		50	27
67-64-1	Acetone	1040		50	50
71-43-2	Benzene	194		10	4.3
75-27-4	Bromodichloromethane	208		10	3.4
75-25-2	Bromoform	206		10	5.4
74-83-9	Bromomethane	219		10	10
75-15-0	Carbon disulfide	201		10	1.6
56-23-5	Carbon tetrachloride	199		10	2.1
108-90-7	Chlorobenzene	204		10	3.8
74-97-5	Chlorobromomethane	210		10	4.1
75-00-3	Chloroethane	204		10	3.2
67-66-3	Chloroform	204		10	3.3
74-87-3	Chloromethane	217		10	1.4
156-59-2	cis-1,2-Dichloroethene	217		10	2.2
10061-01-5	cis-1,3-Dichloropropene	201		10	4.6
100-41-4	Ethylbenzene	205		10	3.0
75-09-2	Methylene Chloride	197		10	3.2
100-42-5	Styrene	215		10	4.2
127-18-4	Tetrachloroethene	221		10	2.5
108-88-3	Toluene	197		10	3.8
156-60-5	trans-1,2-Dichloroethene	200		10	2.4
10061-02-6	trans-1,3-Dichloropropene	201		10	4.9
79-01-6	Trichloroethene	204		10	3.1
75-01-4	Vinyl chloride	200		10	1.7
1330-20-7	Xylenes, Total	412		20	6.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-8A 12122018 MS Lab Sample ID: 460-171555-10 MS
Matrix: Water Lab File ID: P54842.D
Analysis Method: 8260C Date Collected: 12/12/2018 10:25
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 17:49
Soil Aliquot Vol: _____ Dilution Factor: 10
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	100		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	98		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54842.D
 Lims ID: 460-171555-B-10 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 20-Dec-2018 17:49:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-171555-B-10 MS
 Misc. Info.: 460-0083907-025
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Jan-2019 09:19:25 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: smithra

Date: 20-Dec-2018 21:06:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	91	19831	20.0	22.9	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	98	63137	20.0	17.0	
3 Chloromethane	50	0.985	0.964	0.021	97	51068	20.0	21.7	
4 Vinyl chloride	62	0.985	0.985	0.000	82	74849	20.0	20.0	
5 Butadiene	54	0.985	0.985	0.000	97	57864	20.0	18.1	
6 Bromomethane	94	1.135	1.143	-0.008	99	42711	20.0	21.9	
7 Chloroethane	64	1.200	1.200	0.000	99	58162	20.0	20.4	
9 Pentane	72	1.264	1.265	-0.001	95	20071	40.0	37.7	
8 Trichlorofluoromethane	101	1.264	1.265	-0.001	79	107594	20.0	18.6	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	136985	20.0	19.4	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	98	92870	20.0	19.8	
12 Ethyl ether	59	1.422	1.422	0.000	95	59891	20.0	20.0	
13 Ethanol	46	1.501	1.501	0.000	99	14131	800.0	909.2	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	79	82846	20.0	20.7	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	61648	20.0	19.3	
16 Carbon disulfide	76	1.544	1.537	0.007	100	199242	20.0	20.1	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	97	56802	20.0	18.8	
18 Iodomethane	142	1.608	1.601	0.007	98	20372	20.0	6.98	
19 Cyclopentene	67	1.680	1.680	0.000	96	160469	20.0	19.0	
20 Acrolein	56	1.701	1.702	-0.001	96	15127	40.0	31.2	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	87	39620	20.0	20.1	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	37626	200.0	186.9	
23 Methylene Chloride	84	1.845	1.845	0.000	94	76413	20.0	19.7	
24 Acetone	43	1.859	1.859	0.000	86	94795	100.0	104.3	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	97	72302	20.0	20.0	
26 Methyl acetate	43	1.938	1.938	0.000	99	84868	40.0	44.3	
27 Hexane	86	1.981	1.974	0.007	83	10582	20.0	18.3	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	97	217182	20.0	20.3	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	212672	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	64048	200.0	200.1	
31 Acetonitrile	41	2.131	2.131	0.000	98	73700	200.0	209.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.224	2.224	0.000	94	238319	20.0	19.9	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	94	65149	20.0	19.9	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	136320	20.0	19.6	
35 Acrylonitrile	53	2.325	2.325	0.000	94	246499	200.0	201.8	
37 Vinyl acetate	43	2.461	2.461	0.000	99	335097	40.0	41.5	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	89	236721	20.0	20.0	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	96	79916	20.0	21.7	
39 2,2-Dichloropropane	77	2.719	2.719	-0.001	95	99314	20.0	19.3	
40 Cyclohexane	56	2.783	2.776	0.007	91	85433	20.0	18.5	
41 Chlorobromomethane	128	2.783	2.783	0.000	92	35965	20.0	21.0	
42 Chloroform	83	2.847	2.840	0.007	97	123526	20.0	20.4	
43 Carbon tetrachloride	117	2.933	2.934	-0.001	97	81630	20.0	19.9	
45 Methyl acrylate	55	2.948	2.948	0.000	95	55778	20.0	19.3	
44 Ethyl acetate	70	2.948	2.948	0.000	99	14983	40.0	40.3	
46 Tetrahydrofuran	42	2.955	2.955	0.000	93	50315	40.0	40.4	
\$ 47 Dibromofluoromethane (Surr	113	2.976	2.977	-0.001	96	113820	50.0	50.0	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	104503	20.0	20.4	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	227296	250.0	250.0	
50 2-Butanone (MEK)	72	3.069	3.077	-0.008	99	39071	100.0	95.8	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	92	98100	20.0	18.5	
52 Isooctane	57	3.170	3.170	0.000	98	101218	20.0	17.8	
53 n-Heptane	57	3.263	3.263	0.000	79	24422	20.0	16.3	
54 Benzene	78	3.263	3.263	0.000	96	285922	20.0	19.4	
55 Propionitrile	54	3.284	3.285	-0.001	99	87025	200.0	209.4	
56 Methacrylonitrile	67	3.306	3.306	0.000	92	275520	200.0	201.8	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	142796	50.0	49.5	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	99	205857	20.0	20.4	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	109260	20.0	19.8	
60 Isobutyl alcohol	43	3.506	3.507	-0.001	97	55033	500.0	539.6	
61 t-Amyl alcohol	59	3.571	3.571	0.000	94	36663	200.0	191.0	
* 62 Fluorobenzene	96	3.607	3.607	0.000	99	443833	50.0	50.0	
63 Isopropyl acetate	43	3.678	3.679	-0.001	98	119835	20.0	19.3	
64 Methylcyclohexane	83	3.736	3.736	0.000	95	71032	20.0	18.1	
65 Trichloroethene	130	3.757	3.757	0.000	97	75224	20.0	20.4	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	93	177960	20.0	20.6	
67 Dibromomethane	93	4.130	4.130	0.000	97	47161	20.0	20.8	
68 n-Butanol	56	4.137	4.144	-0.007	92	31825	500.0	418.7	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	73345	20.0	20.0	
71 Ethyl acrylate	55	4.302	4.295	0.007	98	82354	20.0	20.9	
70 Dichlorobromomethane	83	4.302	4.302	0.000	99	96207	20.0	20.8	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	24589	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	88	38258	40.0	43.0	
74 1,4-Dioxane	88	4.516	4.509	0.007	93	15114	400.0	384.8	
75 n-Propyl acetate	43	4.653	4.653	0.000	98	86759	20.0	19.8	
76 2-Chloroethyl vinyl ether	63	4.939	4.911	0.028	32	835	20.0	0.3902	a
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	108474	20.0	20.1	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	483802	50.0	49.0	
79 Toluene	91	5.197	5.197	0.000	93	323636	20.0	19.7	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	119867	400.0	420.8	
81 2-Nitropropane	41	5.455	5.448	0.007	100	28386	40.0	30.9	
82 Tetrachloroethene	166	5.627	5.620	0.007	96	80827	20.0	22.1	
83 4-Methyl-2-pentanone (MIBK	43	5.663	5.663	-0.001	98	323130	100.0	107.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.698	5.699	0.000	97	99200	20.0	20.1	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	93	54184	20.0	20.2	
86 Ethyl methacrylate	69	5.956	5.949	0.007	89	88032	20.0	21.9	
87 Chlorodibromomethane	129	6.071	6.071	0.000	98	66765	20.0	20.4	
88 1,3-Dichloropropane	76	6.185	6.186	-0.001	94	115186	20.0	20.4	
89 Ethylene Dibromide	107	6.314	6.315	-0.001	98	66574	20.0	21.1	
90 n-Butyl acetate	43	6.665	6.658	0.007	98	96139	20.0	20.2	
91 2-Hexanone	43	6.730	6.723	0.007	97	219685	100.0	112.6	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	399504	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	94	211584	20.0	20.4	
94 Ethylbenzene	106	7.117	7.110	0.007	99	112095	20.0	20.5	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	92	68056	20.0	20.3	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	131642	20.0	20.6	
97 o-Xylene	106	7.919	7.919	0.000	94	133140	20.0	20.6	
98 Bromoform	173	7.983	7.984	-0.001	94	40525	20.0	20.6	
99 Styrene	104	8.005	8.005	0.000	94	221659	20.0	21.5	
100 n-Butyl acrylate	73	8.327	8.327	0.000	96	44844	20.0	16.9	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	313070	20.0	20.6	
102 Amyl acetate (mixed isomer	43	8.743	8.743	0.000	91	112098	20.0	20.0	
\$ 103 4-Bromofluorobenzene	174	8.778	8.779	-0.001	90	157905	50.0	50.0	
104 Bromobenzene	156	8.886	8.886	0.000	95	92386	20.0	19.8	
105 N-Propylbenzene	91	9.036	9.036	0.000	99	351997	20.0	20.8	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	97	82390	20.0	20.0	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	264841	20.0	20.4	
108 4-Ethyltoluene	105	9.230	9.230	0.000	99	305301	20.0	20.8	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	96	25411	20.0	20.4	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	253790	20.0	21.4	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	78	19907	20.0	16.4	
112 4-Chlorotoluene	91	9.480	9.481	-0.001	98	242523	20.0	20.3	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	196908	20.0	20.9	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	269455	20.0	20.8	
115 Butyl Methacrylate	87	9.982	9.982	0.000	54	74623	20.0	15.3	
116 sec-Butylbenzene	105	10.139	10.140	-0.001	98	264155	20.0	20.6	
117 1,3-Dichlorobenzene	146	10.404	10.405	-0.001	95	159819	20.0	20.9	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	233929	20.0	20.8	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	96	228427	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	94	167440	20.0	19.9	
121 1,2,3-Trimethylbenzene	105	10.669	10.662	0.007	99	289868	20.0	20.7	
122 2,3-Dihydroindene	117	10.841	10.842	-0.001	93	301515	20.0	21.2	
123 Benzyl chloride	126	11.013	11.013	0.000	97	16884	20.0	13.1	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	117588	20.0	21.3	
125 n-Butylbenzene	91	11.121	11.114	0.007	98	184880	20.0	20.7	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	158957	20.0	21.0	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	203815	20.0	21.0	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.289	0.000	91	14404	20.0	20.2	
129 1,3,5-Trichlorobenzene	180	12.338	12.339	-0.001	97	91873	20.0	20.7	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	94	83312	20.0	20.4	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	94	32382	20.0	19.8	
132 Naphthalene	128	13.305	13.306	-0.001	99	157982	20.0	17.7	
133 1,2,3-Trichlorobenzene	180	13.477	13.478	-0.001	95	77723	20.0	20.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 135 1,3-Dichloropropene, Total	100				0		40.0	40.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	41.2	
S 137 Total BTEX	1				0		100.0	100.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00292	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 20.00	Units: uL	
ACROLEIN W_00084	Amount Added: 4.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

Operator ID:

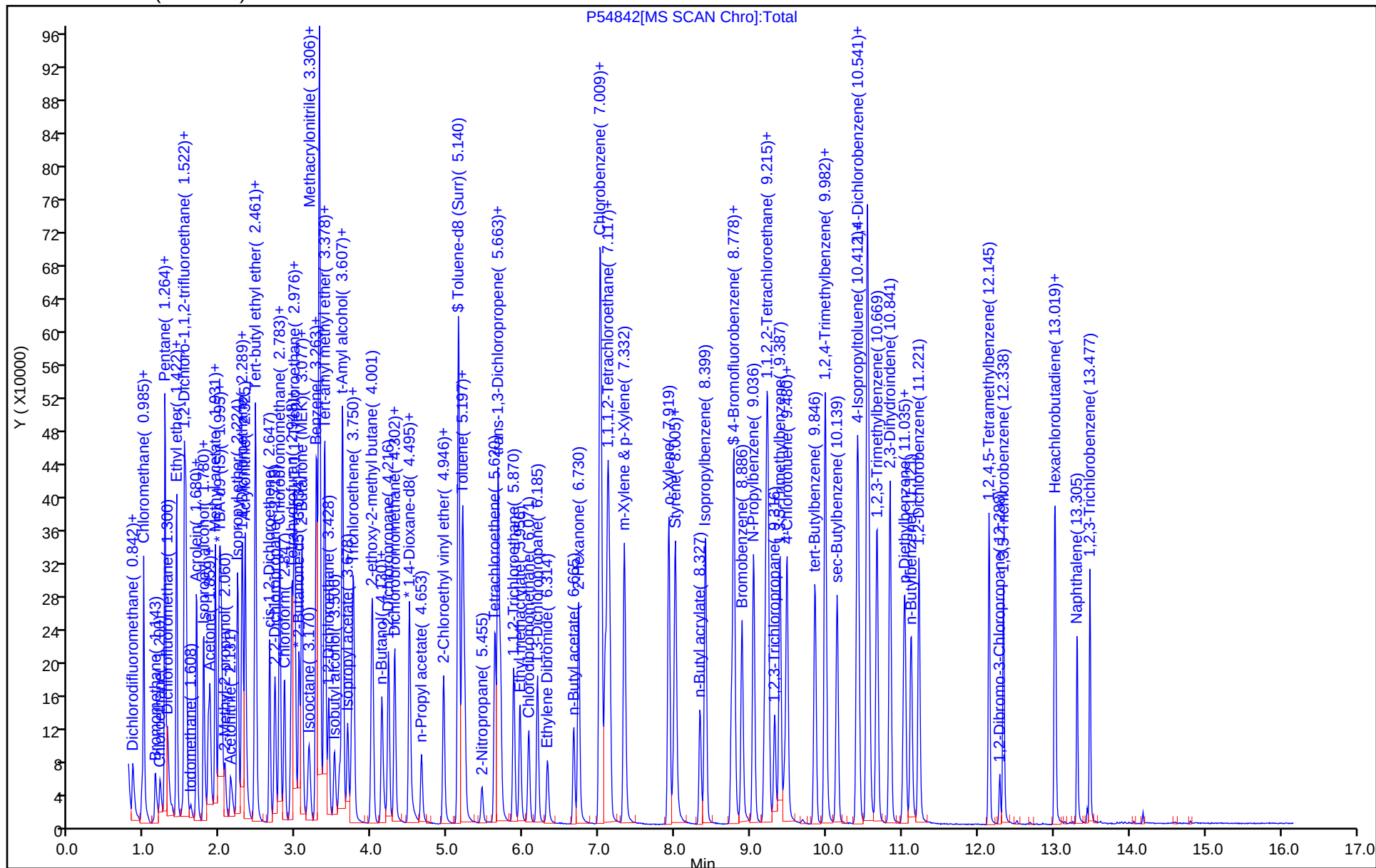
Worklist Smp#: 25

Client ID:

ALS Bottle#: 24

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-171555-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW-2B 12112018 MSD</u>	Lab Sample ID: <u>460-171555-2 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>P54780.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/11/2018 10:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/19/2018 06:49</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>576929</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.5		1.0	0.43
75-34-3	1,1-Dichloroethane	21.5		1.0	0.26
75-35-4	1,1-Dichloroethene	23.7		1.0	0.12
107-06-2	1,2-Dichloroethane	21.2		1.0	0.43
78-87-5	1,2-Dichloropropane	20.9		1.0	0.35
78-93-3	2-Butanone (MEK)	122		5.0	1.9
591-78-6	2-Hexanone	108		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	2.7
67-64-1	Acetone	89.2		5.0	5.0
71-43-2	Benzene	22.4		1.0	0.43
75-27-4	Bromodichloromethane	23.0		1.0	0.34
75-25-2	Bromoform	17.6		1.0	0.54
74-83-9	Bromomethane	23.0		1.0	1.0
75-15-0	Carbon disulfide	20.2		1.0	0.16
56-23-5	Carbon tetrachloride	21.8		1.0	0.21
108-90-7	Chlorobenzene	21.5		1.0	0.38
74-97-5	Chlorobromomethane	21.7		1.0	0.41
75-00-3	Chloroethane	20.5		1.0	0.32
67-66-3	Chloroform	23.0		1.0	0.33
74-87-3	Chloromethane	14.7		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	22.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.46
100-41-4	Ethylbenzene	20.7		1.0	0.30
75-09-2	Methylene Chloride	22.9		1.0	0.32
100-42-5	Styrene	21.6		1.0	0.42
127-18-4	Tetrachloroethene	20.5		1.0	0.25
108-88-3	Toluene	22.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.2		1.0	0.49
79-01-6	Trichloroethene	21.6		1.0	0.31
75-01-4	Vinyl chloride	18.1		1.0	0.17
1330-20-7	Xylenes, Total	41.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-2B 12112018 MSD Lab Sample ID: 460-171555-2 MSD
Matrix: Water Lab File ID: P54780.D
Analysis Method: 8260C Date Collected: 12/11/2018 10:00
Sample wt/vol: 5 (mL) Date Analyzed: 12/19/2018 06:49
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 576929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		74-132
460-00-4	4-Bromofluorobenzene	100		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	112		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54780.D
 Lims ID: 460-171555-A-2 MSD
 Client ID: FSMW-2B 12112018
 Sample Type: MSD
 Inject. Date: 19-Dec-2018 06:49:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-171555-A-2 MSD
 Misc. Info.: 460-0083832-025
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 20-Dec-2018 19:13:44 Calib Date: 05-Dec-2018 17:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181205-83053.b\P54140.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: desais

Date: 19-Dec-2018 10:57:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	92	19578	20.0	29.3	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	99	66217	20.0	21.6	
3 Chloromethane	50	0.964	0.964	0.000	98	48336	20.0	14.7	a
4 Vinyl chloride	62	0.985	0.985	0.000	74	62278	20.0	18.1	
5 Butadiene	54	0.985	0.985	0.000	97	49352	20.0	15.2	
6 Bromomethane	94	1.143	1.136	0.007	98	32867	20.0	23.0	
7 Chloroethane	64	1.200	1.200	0.000	99	45223	20.0	20.5	
8 Trichlorofluoromethane	101	1.265	1.265	0.000	98	103235	20.0	23.1	
9 Pentane	72	1.272	1.265	0.007	95	18824	40.0	42.2	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	123726	20.0	22.3	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	98	85804	20.0	24.4	
12 Ethyl ether	59	1.422	1.422	0.000	94	52728	20.0	20.2	
13 Ethanol	46	1.501	1.494	0.007	99	11515	800.0	726.1	
14 1,1-Dichloroethene	96	1.522	1.523	0.000	98	63593	20.0	23.7	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.523	0.000	83	76605	20.0	23.1	
16 Carbon disulfide	76	1.537	1.537	0.000	100	179492	20.0	20.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.544	0.007	97	57496	20.0	24.7	
18 Iodomethane	142	1.601	1.601	0.000	98	38927	20.0	18.1	
19 Cyclopentene	67	1.680	1.680	0.000	96	155574	20.0	24.9	
20 Acrolein	56	1.702	1.702	0.000	94	9329	40.0	21.8	
21 3-Chloro-1-propene	76	1.780	1.773	0.007	85	37359	20.0	22.0	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	37457	200.0	194.3	
23 Methylene Chloride	84	1.845	1.845	0.000	91	74832	20.0	22.9	
24 Acetone	43	1.859	1.859	0.000	87	72653	100.0	89.2	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	95	71290	20.0	22.3	
26 Methyl acetate	43	1.938	1.938	0.000	98	66062	40.0	32.6	
27 Hexane	86	1.981	1.974	0.007	82	9839	20.0	12.3	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	96	202564	20.0	22.3	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	211518	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	55178	200.0	178.6	
31 Acetonitrile	41	2.131	2.131	0.000	97	56999	200.0	151.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.224	2.224	0.000	92	205469	20.0	17.2	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	94	64357	20.0	23.2	
34 1,1-Dichloroethane	63	2.296	2.289	0.007	99	128231	20.0	21.5	
35 Acrylonitrile	53	2.325	2.325	0.000	93	205341	200.0	177.4	
36 Tert-butyl ethyl ether	59	2.461	2.454	0.007	89	213090	20.0	19.5	
37 Vinyl acetate	43	2.468	2.461	0.007	99	261046	40.0	32.6	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	97	79308	20.0	22.1	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	97	95046	20.0	19.9	
40 Cyclohexane	56	2.783	2.776	0.007	89	87336	20.0	17.7	
41 Chlorobromomethane	128	2.783	2.783	0.000	88	38412	20.0	21.7	
42 Chloroform	83	2.840	2.841	0.000	98	126238	20.0	23.0	
43 Carbon tetrachloride	117	2.934	2.934	0.000	97	91073	20.0	21.8	
44 Ethyl acetate	70	2.948	2.948	0.000	99	14225	40.0	44.4	
45 Methyl acrylate	55	2.948	2.948	0.000	96	51001	20.0	19.4	
46 Tetrahydrofuran	42	2.955	2.955	0.000	92	41391	40.0	37.4	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.969	0.008	95	125086	50.0	56.0	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	114077	20.0	23.1	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	221760	250.0	250.0	
50 2-Butanone (MEK)	72	3.077	3.070	0.007	99	37084	100.0	121.9	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	96	101748	20.0	22.9	
52 Isooctane	57	3.170	3.170	0.000	98	100356	20.0	10.4	
53 n-Heptane	57	3.263	3.263	0.000	72	23274	20.0	9.98	
54 Benzene	78	3.263	3.263	0.000	95	289900	20.0	22.4	
55 Propionitrile	54	3.285	3.285	0.000	99	75369	200.0	173.8	
56 Methacrylonitrile	67	3.306	3.306	0.000	90	261422	200.0	224.6	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.370	3.371	-0.001	0	151476	50.0	59.0	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	99	200560	20.0	21.6	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	105152	20.0	21.2	
60 Isobutyl alcohol	43	3.507	3.507	0.000	97	45541	500.0	364.0	
61 t-Amyl alcohol	59	3.578	3.571	0.007	93	34620	200.0	158.9	
* 62 Fluorobenzene	96	3.614	3.607	0.007	99	502812	50.0	50.0	
63 Isopropyl acetate	43	3.679	3.679	-0.001	98	98594	20.0	15.6	
64 Methylcyclohexane	83	3.736	3.736	0.000	94	75207	20.0	15.6	
65 Trichloroethene	130	3.757	3.757	0.000	97	79981	20.0	21.6	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	95	168329	20.0	19.1	
67 Dibromomethane	93	4.130	4.123	0.007	95	48601	20.0	23.3	
68 n-Butanol	56	4.137	4.144	-0.007	88	30509	500.0	389.5	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	86	72625	20.0	20.9	
71 Ethyl acrylate	55	4.295	4.295	0.000	98	72327	20.0	17.3	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	96977	20.0	23.0	
* 72 1,4-Dioxane-d8	96	4.481	4.481	0.000	0	25160	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	85	37063	40.0	42.4	
74 1,4-Dioxane	88	4.517	4.509	0.008	93	15303	400.0	447.7	
75 n-Propyl acetate	43	4.653	4.653	0.000	98	72583	20.0	16.9	
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	96	105298	20.0	20.6	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	98	506879	50.0	55.9	
79 Toluene	91	5.197	5.197	0.000	93	327794	20.0	22.7	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	66190	400.0	268.3	
81 2-Nitropropane	41	5.448	5.448	0.000	99	25407	40.0	28.5	
82 Tetrachloroethene	166	5.627	5.620	0.007	93	74252	20.0	20.5	
83 4-Methyl-2-pentanone (MIBK	43	5.663	5.663	0.000	96	273771	100.0	104.6	
84 trans-1,3-Dichloropropene	75	5.698	5.691	0.007	97	95917	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	94	53318	20.0	22.5	
86 Ethyl methacrylate	69	5.956	5.949	0.007	88	80909	20.0	21.0	
87 Chlorodibromomethane	129	6.071	6.071	0.000	97	67185	20.0	20.1	
88 1,3-Dichloropropane	76	6.186	6.186	0.000	92	111086	20.0	23.3	
89 Ethylene Dibromide	107	6.315	6.315	-0.001	98	64427	20.0	21.4	
90 n-Butyl acetate	43	6.665	6.658	0.007	98	78582	20.0	15.9	
91 2-Hexanone	43	6.723	6.723	0.000	95	185242	100.0	108.3	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	425214	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	97	208861	20.0	21.5	
94 Ethylbenzene	106	7.110	7.110	0.000	98	111975	20.0	20.7	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	92	67411	20.0	20.1	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	136482	20.0	20.8	
97 o-Xylene	106	7.919	7.919	0.000	94	131597	20.0	20.8	
98 Bromoform	173	7.983	7.984	-0.001	92	34533	20.0	17.6	
99 Styrene	104	8.005	8.005	0.000	95	218849	20.0	21.6	
100 n-Butyl acrylate	73	8.327	8.327	0.000	97	39829	20.0	19.3	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	312354	20.0	18.9	
102 Amyl acetate (mixed isomer	43	8.743	8.743	0.000	91	90663	20.0	16.3	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	86	149069	50.0	50.0	
104 Bromobenzene	156	8.886	8.886	0.000	97	87834	20.0	21.3	
105 N-Propylbenzene	91	9.036	9.037	-0.001	99	349593	20.0	19.1	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	96	75411	20.0	22.8	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	269329	20.0	21.4	
108 4-Ethyltoluene	105	9.230	9.223	0.007	97	300577	20.0	18.3	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	96	24226	20.0	22.2	
110 1,3,5-Trimethylbenzene	105	9.387	9.388	-0.001	93	250452	20.0	18.5	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	80	17458	20.0	16.6	
112 4-Chlorotoluene	91	9.481	9.473	0.008	98	246216	20.0	21.2	
113 tert-Butylbenzene	119	9.846	9.846	0.000	93	195916	20.0	16.4	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	266094	20.0	18.8	
115 Butyl Methacrylate	87	9.982	9.982	0.000	50	71616	20.0	19.3	
116 sec-Butylbenzene	105	10.140	10.140	0.000	99	260516	20.0	15.3	
117 1,3-Dichlorobenzene	146	10.405	10.398	0.007	95	152419	20.0	18.4	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	230551	20.0	14.8	
* 119 1,4-Dichlorobenzene-d4	152	10.534	10.534	0.000	96	236180	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	93	158525	20.0	18.5	
121 1,2,3-Trimethylbenzene	105	10.662	10.663	-0.001	99	289374	20.0	19.5	
122 2,3-Dihydroindene	117	10.842	10.842	0.000	94	295368	20.0	19.9	
123 Benzyl chloride	126	11.013	11.014	-0.001	96	13019	20.0	10.1	
124 p-Diethylbenzene	119	11.035	11.035	0.000	93	114724	20.0	14.2	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	177255	20.0	14.1	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	151116	20.0	19.3	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	208165	20.0	15.2	
128 1,2-Dibromo-3-Chloropropan	157	12.288	12.289	-0.001	93	13448	20.0	20.6	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	96	82256	20.0	13.9	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	94	76587	20.0	14.8	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	93	28164	20.0	11.6	
132 Naphthalene	128	13.306	13.306	0.000	99	177009	20.0	18.1	
133 1,2,3-Trichlorobenzene	180	13.478	13.478	0.000	94	69909	20.0	15.1	
S 134 1,2-Dichloroethene, Total	100				0		40.0	44.4	
S 135 1,3-Dichloropropene, Total	100				0		40.0	41.8	
S 136 Xylenes, Total	100				0		40.0	41.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Total BTEX

1

0

100.0

107.4

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00084

Amount Added: 4.00

Units: uL

8260MIX1COMB_00091

Amount Added: 20.00

Units: uL

GASES Li_00291

Amount Added: 20.00

Units: uL

8260ISNEW_00123

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00187

Amount Added: 1.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54780.D

Injection Date: 19-Dec-2018 06:49:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-2 MSD

Client ID: FSMW-2B 12112018

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

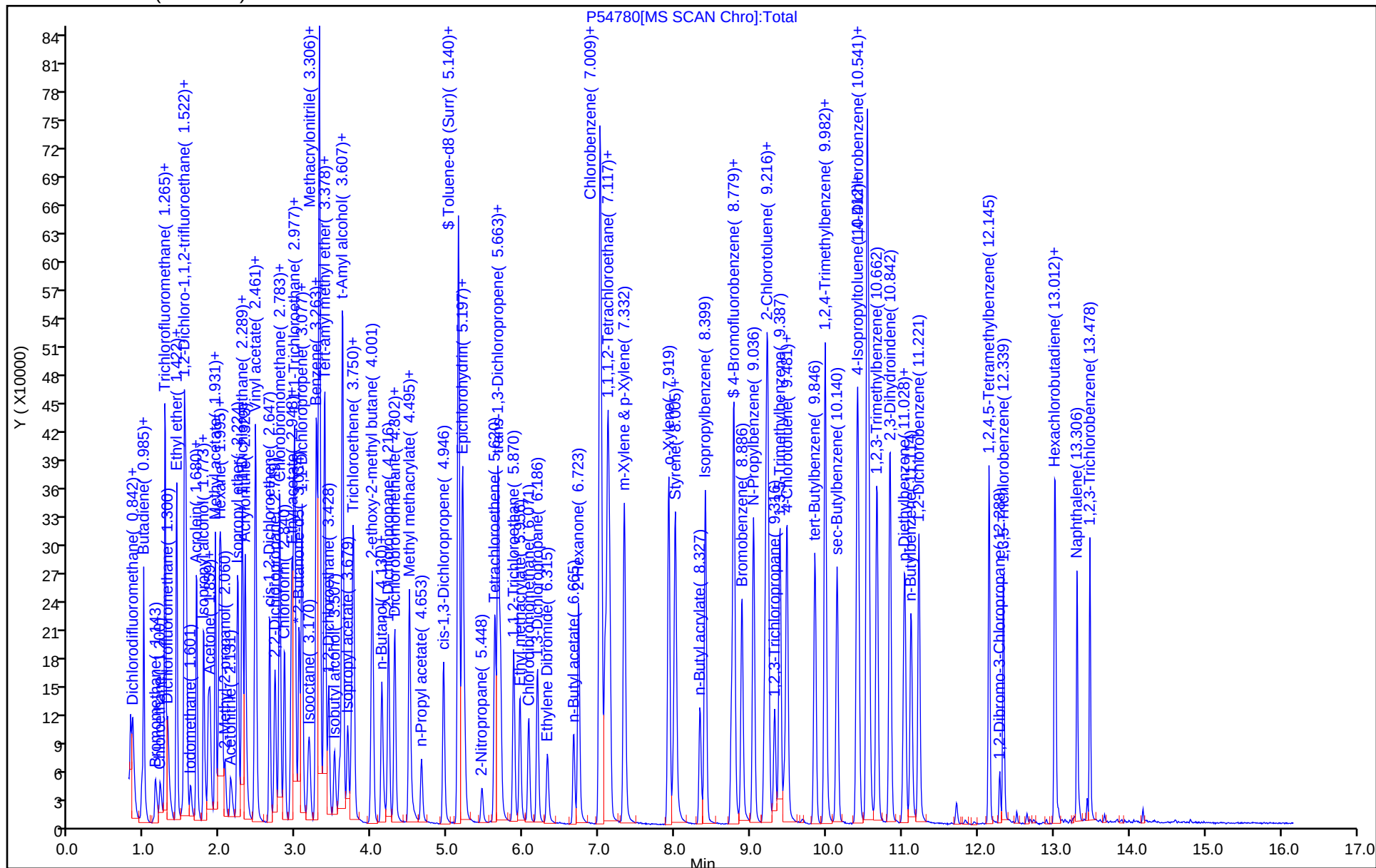
Limit Group: VOA - 8260C Water and Solid

Operator ID:

Worklist Smp#: 25

ALS Bottle#: 24

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181218-83832.b\P54780.D

Injection Date: 19-Dec-2018 06:49:30

Instrument ID: CVOAMS13

Lims ID: 460-171555-A-2 MSD

Client ID: FSMW-2B 12112018

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

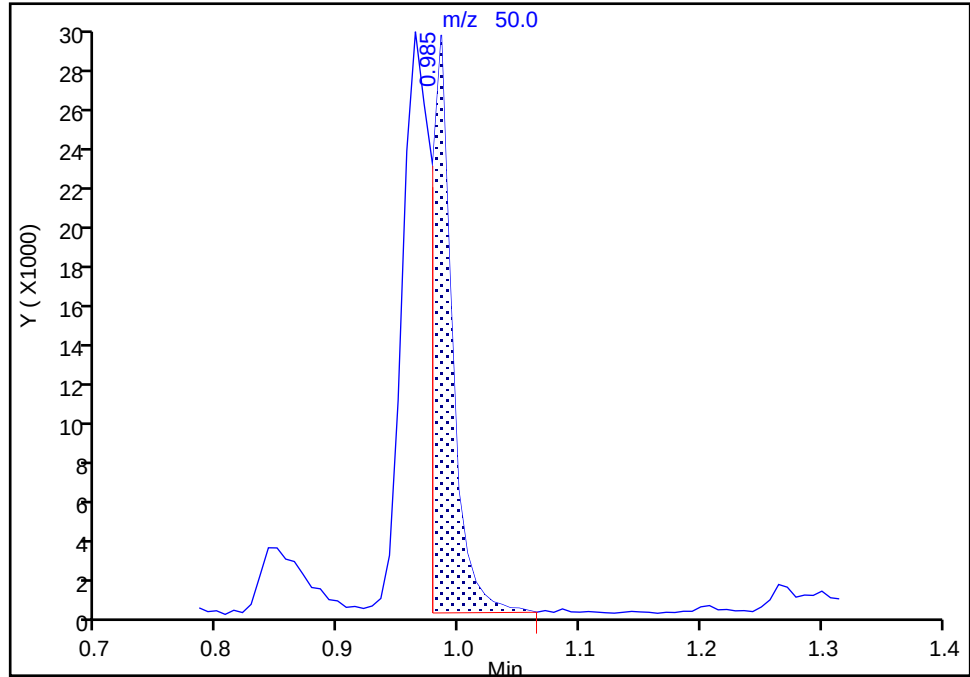
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

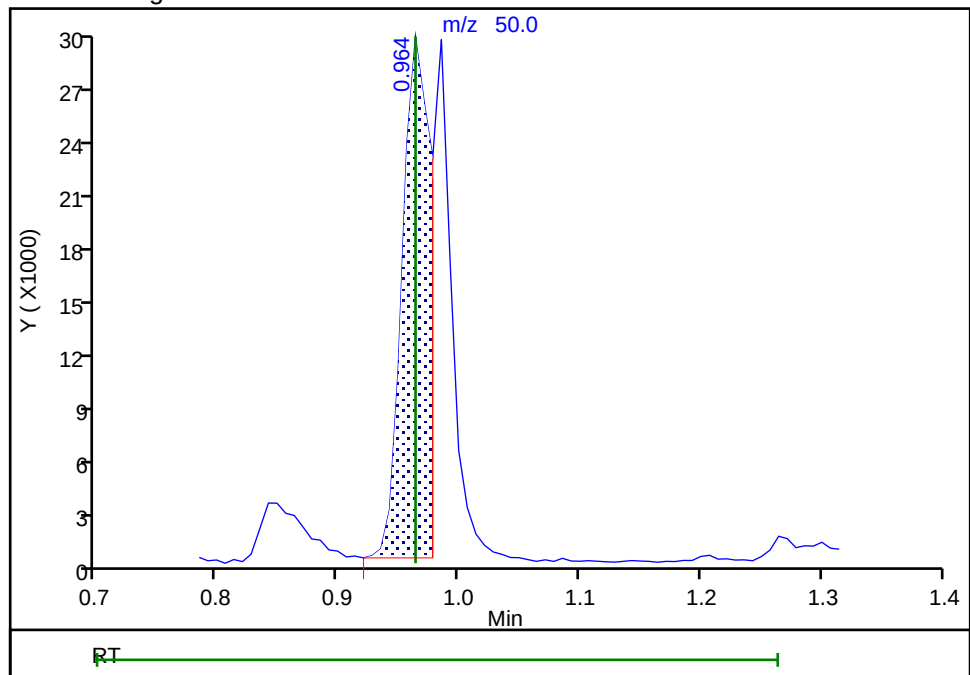
RT: 0.99
Area: 34725
Amount: 10.549226
Amount Units: ug/l

Processing Integration Results



RT: 0.96
Area: 48336
Amount: 14.684158
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 19-Dec-2018 10:56:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Client Sample ID: FSMW-8A 12122018 MSD Lab Sample ID: 460-171555-10 MSD

Matrix: Water Lab File ID: P54843.D

Analysis Method: 8260C Date Collected: 12/12/2018 10:25

Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 18:14

Soil Aliquot Vol: _____ Dilution Factor: 10

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

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

Analysis Batch No.: 577330 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	208		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	210		10	3.7
79-00-5	1,1,2-Trichloroethane	210		10	4.3
75-34-3	1,1-Dichloroethane	203		10	2.6
75-35-4	1,1-Dichloroethene	200		10	1.2
107-06-2	1,2-Dichloroethane	197		10	4.3
78-87-5	1,2-Dichloropropane	204		10	3.5
78-93-3	2-Butanone (MEK)	999		50	19
591-78-6	2-Hexanone	1160		50	29
108-10-1	4-Methyl-2-pentanone (MIBK)	1100		50	27
67-64-1	Acetone	1080		50	50
71-43-2	Benzene	198		10	4.3
75-27-4	Bromodichloromethane	211		10	3.4
75-25-2	Bromoform	212		10	5.4
74-83-9	Bromomethane	240		10	10
75-15-0	Carbon disulfide	207		10	1.6
56-23-5	Carbon tetrachloride	206		10	2.1
108-90-7	Chlorobenzene	209		10	3.8
74-97-5	Chlorobromomethane	218		10	4.1
75-00-3	Chloroethane	206		10	3.2
67-66-3	Chloroform	204		10	3.3
74-87-3	Chloromethane	274		10	1.4
156-59-2	cis-1,2-Dichloroethene	223		10	2.2
10061-01-5	cis-1,3-Dichloropropene	209		10	4.6
100-41-4	Ethylbenzene	210		10	3.0
75-09-2	Methylene Chloride	202		10	3.2
100-42-5	Styrene	221		10	4.2
127-18-4	Tetrachloroethene	218		10	2.5
108-88-3	Toluene	202		10	3.8
156-60-5	trans-1,2-Dichloroethene	206		10	2.4
10061-02-6	trans-1,3-Dichloropropene	208		10	4.9
79-01-6	Trichloroethene	208		10	3.1
75-01-4	Vinyl chloride	204		10	1.7
1330-20-7	Xylenes, Total	432		20	6.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1
SDG No.: _____
Client Sample ID: FSMW-8A 12122018 MSD Lab Sample ID: 460-171555-10 MSD
Matrix: Water Lab File ID: P54843.D
Analysis Method: 8260C Date Collected: 12/12/2018 10:25
Sample wt/vol: 5 (mL) Date Analyzed: 12/20/2018 18:14
Soil Aliquot Vol: _____ Dilution Factor: 10
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 577330 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	104		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54843.D
 Lims ID: 460-171555-B-10 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 20-Dec-2018 18:14:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-171555-B-10 MSD
 Misc. Info.: 460-0083907-026
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Jan-2019 09:19:25 Calib Date: 20-Dec-2018 10:10:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54827.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0313

First Level Reviewer: smithra

Date: 20-Dec-2018 21:28:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	0.835	0.835	0.000	91	19879	20.0	23.0	
2 Dichlorodifluoromethane	85	0.849	0.849	0.000	98	63055	20.0	17.0	
3 Chloromethane	50	0.985	0.964	0.021	62	64503	20.0	27.4	
4 Vinyl chloride	62	0.985	0.985	0.000	55	76153	20.0	20.4	
5 Butadiene	54	0.985	0.985	0.000	97	58493	20.0	18.3	
6 Bromomethane	94	1.136	1.143	-0.007	98	46769	20.0	24.0	
7 Chloroethane	64	1.200	1.200	0.000	99	58612	20.0	20.6	
9 Pentane	72	1.265	1.265	0.000	95	20025	40.0	37.1	
8 Trichlorofluoromethane	101	1.265	1.265	0.000	78	104614	20.0	18.1	
10 Dichlorofluoromethane	67	1.300	1.300	0.000	98	137920	20.0	19.5	
11 2-Methyl-1,3-butadiene	67	1.415	1.415	0.000	99	93183	20.0	19.9	
12 Ethyl ether	59	1.422	1.422	0.000	96	61723	20.0	20.7	
13 Ethanol	46	1.501	1.501	0.000	99	15249	800.0	967.3	
15 1,2-Dichloro-1,1,2-trifluo	67	1.522	1.522	0.000	80	83209	20.0	20.9	
14 1,1-Dichloroethene	96	1.522	1.522	0.000	97	63776	20.0	20.0	
16 Carbon disulfide	76	1.537	1.537	0.000	100	204784	20.0	20.7	
17 1,1,2-Trichloro-1,2,2-trif	101	1.551	1.551	0.000	98	56324	20.0	18.7	
18 Iodomethane	142	1.608	1.601	0.007	99	31641	20.0	10.9	
19 Cyclopentene	67	1.680	1.680	0.000	96	165125	20.0	19.6	
20 Acrolein	56	1.702	1.702	0.000	97	14595	40.0	29.7	
21 3-Chloro-1-propene	76	1.780	1.780	0.000	87	40461	20.0	20.5	
22 Isopropyl alcohol	45	1.802	1.802	0.000	96	40037	200.0	196.1	
23 Methylene Chloride	84	1.845	1.845	0.000	94	78232	20.0	20.2	
24 Acetone	43	1.859	1.859	0.000	85	97939	100.0	108.2	
25 trans-1,2-Dichloroethene	96	1.931	1.931	0.000	96	74389	20.0	20.6	
26 Methyl acetate	43	1.938	1.938	0.000	99	86778	40.0	44.7	
27 Hexane	86	1.974	1.974	0.000	92	11033	20.0	19.1	
28 Methyl tert-butyl ether	73	1.995	1.995	0.000	97	224662	20.0	21.0	
* 29 TBA-d9 (IS)	65	2.017	2.017	0.000	0	215668	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.060	2.060	0.000	99	65889	200.0	203.0	
31 Acetonitrile	41	2.138	2.131	0.007	99	73841	200.0	207.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Isopropyl ether	45	2.224	2.224	0.000	94	244094	20.0	20.4	
33 2-Chloro-1,3-butadiene	88	2.282	2.282	0.000	93	66135	20.0	20.2	
34 1,1-Dichloroethane	63	2.296	2.296	0.000	99	140564	20.0	20.3	
35 Acrylonitrile	53	2.325	2.325	0.000	93	252741	200.0	207.3	
37 Vinyl acetate	43	2.461	2.461	0.000	100	343316	40.0	42.6	
36 Tert-butyl ethyl ether	59	2.461	2.461	0.000	88	240534	20.0	20.4	
38 cis-1,2-Dichloroethene	96	2.647	2.647	0.000	95	81837	20.0	22.3	
39 2,2-Dichloropropane	77	2.719	2.719	0.000	96	102315	20.0	20.0	
40 Cyclohexane	56	2.776	2.776	0.000	92	86074	20.0	18.7	
41 Chlorobromomethane	128	2.783	2.783	0.000	92	37278	20.0	21.8	
42 Chloroform	83	2.840	2.840	0.000	97	123130	20.0	20.4	
43 Carbon tetrachloride	117	2.934	2.934	0.000	97	84421	20.0	20.6	
45 Methyl acrylate	55	2.948	2.948	0.000	96	57059	20.0	19.8	
44 Ethyl acetate	70	2.948	2.948	0.000	99	15297	40.0	41.3	
46 Tetrahydrofuran	42	2.955	2.955	0.000	94	51418	40.0	41.5	
\$ 47 Dibromofluoromethane (Surr	113	2.977	2.977	0.000	96	118667	50.0	52.2	
48 1,1,1-Trichloroethane	97	2.984	2.984	0.000	98	106484	20.0	20.8	
* 49 2-Butanone-d5	46	3.034	3.034	0.000	0	226537	250.0	250.0	
50 2-Butanone (MEK)	72	3.070	3.077	-0.007	99	40595	100.0	99.9	
51 1,1-Dichloropropene	75	3.077	3.077	0.000	95	101595	20.0	19.1	
52 Isooctane	57	3.170	3.170	0.000	97	106664	20.0	18.8	
53 n-Heptane	57	3.256	3.263	-0.007	90	25212	20.0	16.9	
54 Benzene	78	3.263	3.263	0.000	96	291203	20.0	19.8	
55 Propionitrile	54	3.285	3.285	0.000	97	88638	200.0	210.3	
56 Methacrylonitrile	67	3.306	3.306	0.000	93	282467	200.0	207.2	
\$ 57 1,2-Dichloroethane-d4 (Sur	65	3.371	3.371	0.000	0	147568	50.0	51.2	
58 Tert-amyl methyl ether	73	3.378	3.378	0.000	98	212413	20.0	21.1	
59 1,2-Dichloroethane	62	3.428	3.428	0.000	98	108275	20.0	19.7	
60 Isobutyl alcohol	43	3.507	3.507	0.000	97	56351	500.0	544.8	
61 t-Amyl alcohol	59	3.571	3.571	0.000	94	39187	200.0	201.4	
* 62 Fluorobenzene	96	3.607	3.607	0.000	98	442982	50.0	50.0	
63 Isopropyl acetate	43	3.679	3.679	0.000	98	131110	20.0	21.1	
64 Methylcyclohexane	83	3.736	3.736	0.000	95	73643	20.0	18.8	
65 Trichloroethene	130	3.757	3.757	0.000	97	76712	20.0	20.8	
66 2-ethoxy-2-methyl butane	59	4.001	4.001	0.000	93	181142	20.0	21.0	
67 Dibromomethane	93	4.130	4.130	0.000	94	48802	20.0	21.5	
68 n-Butanol	56	4.144	4.144	0.000	92	36169	500.0	469.1	
69 1,2-Dichloropropane	63	4.216	4.216	0.000	85	74493	20.0	20.4	
71 Ethyl acrylate	55	4.295	4.295	0.000	97	84452	20.0	21.4	
70 Dichlorobromomethane	83	4.302	4.302	0.000	98	97647	20.0	21.1	
* 72 1,4-Dioxane-d8	96	4.488	4.488	0.000	0	24175	1000.0	1000.0	
73 Methyl methacrylate	100	4.495	4.495	0.000	89	39811	40.0	44.8	
74 1,4-Dioxane	88	4.509	4.509	0.000	98	16958	400.0	439.1	
75 n-Propyl acetate	43	4.653	4.653	0.000	99	91257	20.0	20.9	
76 2-Chloroethyl vinyl ether	63	4.946	4.911	0.035	4	398	20.0	0.1864	a
77 cis-1,3-Dichloropropene	75	4.946	4.946	0.000	97	112096	20.0	20.9	
\$ 78 Toluene-d8 (Surr)	98	5.140	5.140	0.000	99	504889	50.0	51.4	
79 Toluene	91	5.197	5.197	0.000	93	329675	20.0	20.2	
80 Epichlorohydrin	57	5.226	5.226	0.000	99	121656	400.0	428.5	
81 2-Nitropropane	41	5.448	5.448	0.000	99	30861	40.0	33.6	
82 Tetrachloroethene	166	5.620	5.620	0.000	97	79041	20.0	21.8	
83 4-Methyl-2-pentanone (MIBK	43	5.663	5.663	0.000	97	330036	100.0	109.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	5.699	5.699	0.001	97	102400	20.0	20.8	
85 1,1,2-Trichloroethane	83	5.870	5.870	0.000	94	56036	20.0	21.0	
86 Ethyl methacrylate	69	5.949	5.949	0.000	88	90397	20.0	22.6	
87 Chlorodibromomethane	129	6.064	6.071	-0.007	97	67966	20.0	20.9	
88 1,3-Dichloropropane	76	6.186	6.186	0.000	94	116675	20.0	20.8	
89 Ethylene Dibromide	107	6.315	6.315	0.000	99	67569	20.0	21.6	
90 n-Butyl acetate	43	6.666	6.658	0.008	98	98739	20.0	20.9	
91 2-Hexanone	43	6.723	6.723	0.000	97	225145	100.0	115.8	
* 92 Chlorobenzene-d5	117	7.009	7.009	0.000	88	396924	50.0	50.0	
93 Chlorobenzene	112	7.031	7.031	0.000	93	215751	20.0	20.9	
94 Ethylbenzene	106	7.117	7.110	0.007	99	113714	20.0	21.0	
95 1,1,1,2-Tetrachloroethane	131	7.138	7.138	0.000	93	69204	20.0	20.8	
96 m-Xylene & p-Xylene	106	7.332	7.332	0.000	0	139581	20.0	22.0	
97 o-Xylene	106	7.919	7.919	0.000	94	136130	20.0	21.2	
98 Bromoform	173	7.984	7.984	0.000	94	41560	20.0	21.2	
99 Styrene	104	8.005	8.005	0.000	94	226886	20.0	22.1	
100 n-Butyl acrylate	73	8.327	8.327	0.000	95	46940	20.0	17.8	
101 Isopropylbenzene	105	8.399	8.399	0.000	96	320626	20.0	21.2	
102 Amyl acetate (mixed isomer	43	8.743	8.743	0.000	90	114800	20.0	20.7	
\$ 103 4-Bromofluorobenzene	174	8.779	8.779	0.000	90	163014	50.0	52.0	
104 Bromobenzene	156	8.886	8.886	0.000	96	92806	20.0	20.1	
105 N-Propylbenzene	91	9.037	9.036	0.000	99	361123	20.0	21.6	
106 1,1,2,2-Tetrachloroethane	83	9.180	9.180	0.000	97	85392	20.0	21.0	
107 2-Chlorotoluene	91	9.208	9.208	0.000	97	271716	20.0	21.1	
108 4-Ethyltoluene	105	9.230	9.230	0.000	97	313242	20.0	21.6	
109 1,2,3-Trichloropropane	110	9.316	9.316	0.000	96	25981	20.0	21.0	
110 1,3,5-Trimethylbenzene	105	9.387	9.387	0.000	93	256840	20.0	21.9	
111 trans-1,4-Dichloro-2-buten	53	9.445	9.445	0.000	80	20450	20.0	17.1	
112 4-Chlorotoluene	91	9.481	9.481	0.000	98	257741	20.0	21.8	
113 tert-Butylbenzene	119	9.846	9.846	0.000	94	202109	20.0	21.6	
114 1,2,4-Trimethylbenzene	105	9.982	9.982	0.000	96	277040	20.0	21.6	
115 Butyl Methacrylate	87	9.982	9.982	0.000	54	77925	20.0	16.1	
116 sec-Butylbenzene	105	10.140	10.140	0.000	99	270830	20.0	21.3	
117 1,3-Dichlorobenzene	146	10.405	10.405	0.000	94	162722	20.0	21.5	
118 4-Isopropyltoluene	119	10.419	10.419	0.000	97	241215	20.0	21.6	
* 119 1,4-Dichlorobenzene-d4	152	10.541	10.541	0.000	95	226035	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.562	10.555	0.007	94	170863	20.0	20.5	
121 1,2,3-Trimethylbenzene	105	10.670	10.662	0.008	99	298952	20.0	21.5	
122 2,3-Dihydroindene	117	10.842	10.842	0.000	94	308133	20.0	21.9	
123 Benzyl chloride	126	11.013	11.013	0.000	97	17780	20.0	13.9	
124 p-Diethylbenzene	119	11.035	11.035	0.000	92	120759	20.0	22.1	
125 n-Butylbenzene	91	11.114	11.114	0.000	98	193922	20.0	21.9	
126 1,2-Dichlorobenzene	146	11.221	11.221	0.000	95	163215	20.0	21.8	
127 1,2,4,5-Tetramethylbenzene	119	12.145	12.145	0.000	97	208024	20.0	21.7	
128 1,2-Dibromo-3-Chloropropan	157	12.289	12.289	0.001	90	15141	20.0	21.4	
129 1,3,5-Trichlorobenzene	180	12.339	12.339	0.000	97	94984	20.0	21.7	
130 1,2,4-Trichlorobenzene	180	13.012	13.012	0.000	94	88284	20.0	21.8	
131 Hexachlorobutadiene	225	13.026	13.026	0.000	95	36407	20.0	22.5	
132 Naphthalene	128	13.306	13.306	0.000	99	187866	20.0	21.3	
133 1,2,3-Trichlorobenzene	180	13.478	13.478	0.000	95	83244	20.0	22.3	
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 135 1,3-Dichloropropene, Total	100				0		40.0	41.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Xylenes, Total	100				0		40.0	43.2	
S 137 Total BTEX	1				0		100.0	104.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00292	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00091	Amount Added: 20.00	Units: uL	
ACROLEIN W_00084	Amount Added: 4.00	Units: uL	
8260ISNEW_00123	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00187	Amount Added: 1.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\chromna\Edison\ChromData\CVOAMS13\20181220-83907.b\P54843.D

Injection Date: 20-Dec-2018 18:14:30 Instrument ID: CVOAMS13

Lims ID: 460-171555-B-10 MSD

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_13

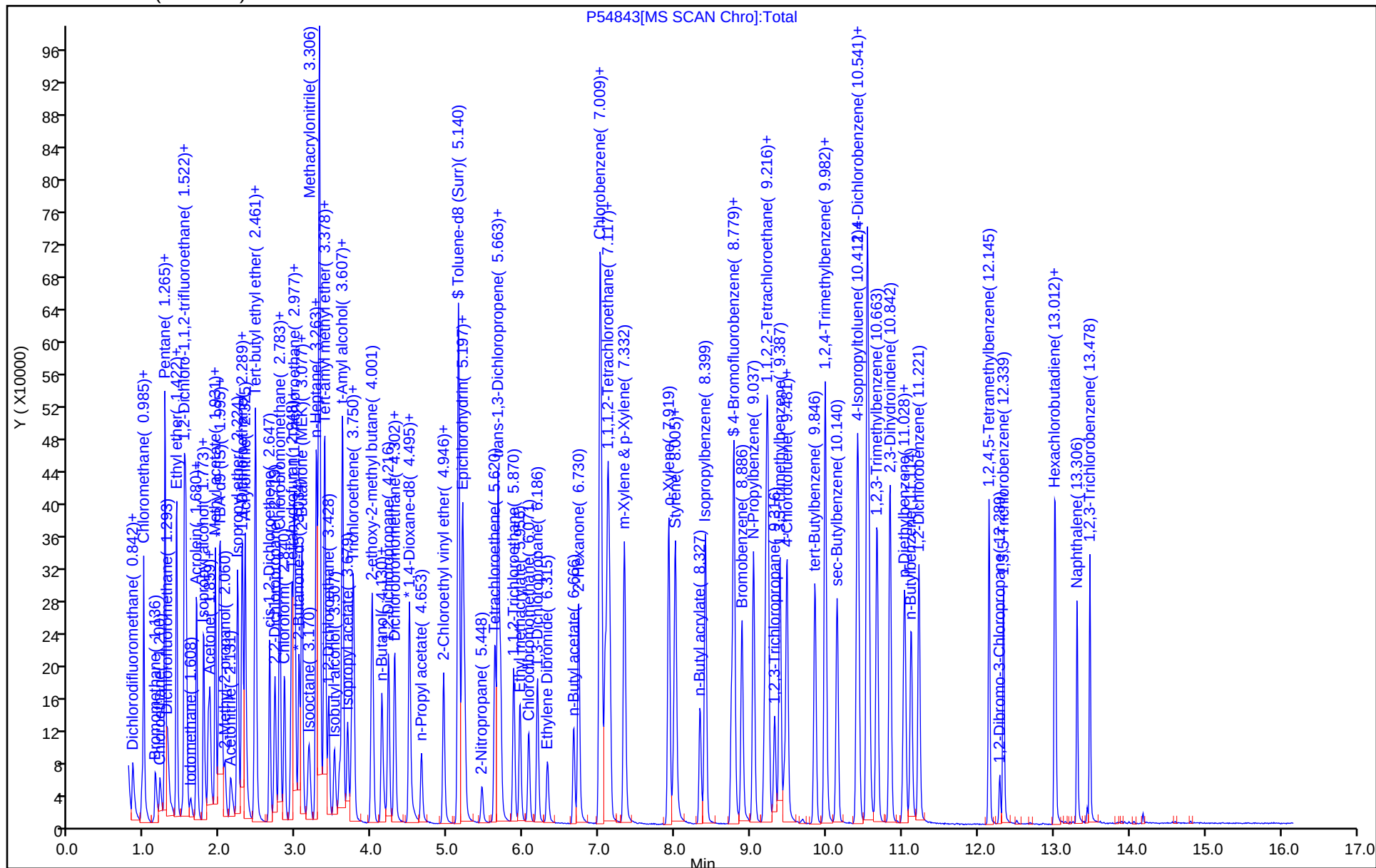
Limit Group: VOA - 8260C Water and Solid

Operator ID:

Worklist Smp#: 26

ALS Bottle#: 25

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 12/05/2018 14:08Analysis Batch Number: 573313 End Date: 12/05/2018 23:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-573313/1		12/05/2018 14:08	1	P54131.D	Rtx-624 0.25 (mm)
STD8 460-573313/3 IC		12/05/2018 14:47	1	P54133.D	Rtx-624 0.25 (mm)
STD05 460-573313/4 IC		12/05/2018 15:12	1	P54134.D	Rtx-624 0.25 (mm)
STD1 460-573313/5 IC		12/05/2018 15:38	1	P54135.D	Rtx-624 0.25 (mm)
STD5 460-573313/6 IC		12/05/2018 16:03	1	P54136.D	Rtx-624 0.25 (mm)
STD20 460-573313/7 ICIS		12/05/2018 16:28	1	P54137.D	Rtx-624 0.25 (mm)
STD50 460-573313/8 IC		12/05/2018 16:54	1	P54138.D	Rtx-624 0.25 (mm)
STD200 460-573313/9 IC		12/05/2018 17:19	1	P54139.D	Rtx-624 0.25 (mm)
STD500 460-573313/10 IC		12/05/2018 17:44	1	P54140.D	Rtx-624 0.25 (mm)
ICV 460-573313/14		12/05/2018 23:33	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 12/18/2018 20:30Analysis Batch Number: 576929 End Date: 12/19/2018 06:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-576929/1		12/18/2018 20:30	1	P54756.D	Rtx-624 0.25 (mm)
CCVIS 460-576929/3		12/18/2018 21:19	1	P54758.D	Rtx-624 0.25 (mm)
ZZZZZ		12/18/2018 21:56	1		Rtx-624 0.25 (mm)
LCS 460-576929/5		12/18/2018 22:21	1	P54760.D	Rtx-624 0.25 (mm)
MB 460-576929/8		12/18/2018 23:37	1	P54763.D	Rtx-624 0.25 (mm)
460-171555-5		12/19/2018 00:28	1	P54765.D	Rtx-624 0.25 (mm)
460-171555-9		12/19/2018 00:53	1	P54766.D	Rtx-624 0.25 (mm)
460-171555-11		12/19/2018 01:19	1	P54767.D	Rtx-624 0.25 (mm)
460-171555-2		12/19/2018 02:09	1	P54769.D	Rtx-624 0.25 (mm)
460-171555-3		12/19/2018 02:35	1	P54770.D	Rtx-624 0.25 (mm)
460-171555-7		12/19/2018 03:00	1	P54771.D	Rtx-624 0.25 (mm)
460-171555-8		12/19/2018 03:26	1	P54772.D	Rtx-624 0.25 (mm)
460-171555-13		12/19/2018 04:16	1	P54774.D	Rtx-624 0.25 (mm)
460-171555-15		12/19/2018 05:07	5	P54776.D	Rtx-624 0.25 (mm)
460-171555-2 MS		12/19/2018 06:23	1	P54779.D	Rtx-624 0.25 (mm)
460-171555-2 MSD		12/19/2018 06:49	1	P54780.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 12/20/2018 06:21Analysis Batch Number: 577330 End Date: 12/20/2018 18:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-577330/1		12/20/2018 06:21	1	P54818.D	Rtx-624 0.25 (mm)
STD8 460-577330/3 IC		12/20/2018 07:12	1	P54820.D	Rtx-624 0.25 (mm)
STD05 460-577330/4 IC		12/20/2018 07:37	1	P54821.D	Rtx-624 0.25 (mm)
STD1 460-577330/5 IC		12/20/2018 08:03	1	P54822.D	Rtx-624 0.25 (mm)
STD5 460-577330/6 IC		12/20/2018 08:28	1	P54823.D	Rtx-624 0.25 (mm)
STD20 460-577330/7 ICIS		12/20/2018 08:53	1	P54824.D	Rtx-624 0.25 (mm)
STD50 460-577330/8 IC		12/20/2018 09:19	1	P54825.D	Rtx-624 0.25 (mm)
STD200 460-577330/9 IC		12/20/2018 09:44	1	P54826.D	Rtx-624 0.25 (mm)
STD500 460-577330/10 IC		12/20/2018 10:10	1	P54827.D	Rtx-624 0.25 (mm)
ICV 460-577330/14		12/20/2018 13:11	1	P54831.D	Rtx-624 0.25 (mm)
LCS 460-577330/15		12/20/2018 13:36	1	P54832.D	Rtx-624 0.25 (mm)
MB 460-577330/18		12/20/2018 14:52	1	P54835.D	Rtx-624 0.25 (mm)
460-171555-4		12/20/2018 15:18	1	P54836.D	Rtx-624 0.25 (mm)
460-171555-12		12/20/2018 15:43	1	P54837.D	Rtx-624 0.25 (mm)
460-171555-10		12/20/2018 16:08	1	P54838.D	Rtx-624 0.25 (mm)
460-171555-6		12/20/2018 16:34	1	P54839.D	Rtx-624 0.25 (mm)
460-171555-1		12/20/2018 16:59	1	P54840.D	Rtx-624 0.25 (mm)
460-171555-14		12/20/2018 17:24	10	P54841.D	Rtx-624 0.25 (mm)
460-171555-10 MS		12/20/2018 17:49	10	P54842.D	Rtx-624 0.25 (mm)
460-171555-10 MSD		12/20/2018 18:14	10	P54843.D	Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Batch Number: 576929 Batch Start Date: 12/18/18 20:30 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260ISNEW 00123	8260MIX1COMB 00091	8260SURR250 00187	ACROLEIN W 00084
BFB 460-576929/1		8260C		5 mL	5 mL				
CCVIS 460-576929/3		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
LCS 460-576929/5		8260C		5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
MB 460-576929/8		8260C		5 mL	5 mL	1 uL		1 uL	
460-171555-A-5	FB01 12112018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-9	EB02 12122018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-11	TB01 12112018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-2	FSMW-2B 12112018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-3	FSMW-4A 12112018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-7	FSMW-4B 12112018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-8	FSMW-1A 12122018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-13	FSMW-13A 12122018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-15	FSMW-14B 12122018	8260C	T	5 mL	5 mL	1 uL		1 uL	
460-171555-A-2 MS	FSMW-2B 12112018	8260C	T	5 mL	5 mL	1 uL	20 uL	1 uL	4 uL
460-171555-A-2 MSD	FSMW-2B 12112018	8260C	T	5 mL	5 mL	1 uL	20 uL	1 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00019	GASES Li 00291				
BFB 460-576929/1		8260C		1 uL					
CCVIS 460-576929/3		8260C			20 uL				
LCS 460-576929/5		8260C			20 uL				
MB 460-576929/8		8260C							
460-171555-A-5	FB01 12112018	8260C	T						
460-171555-A-9	EB02 12122018	8260C	T						
460-171555-A-11	TB01 12112018	8260C	T						
460-171555-A-2	FSMW-2B 12112018	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

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GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Batch Number: 576929 Batch Start Date: 12/18/18 20:30 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00019	GASES Li 00291				
460-171555-A-3	FSMW-4A 12112018	8260C	T						
460-171555-A-7	FSMW-4B 12112018	8260C	T						
460-171555-A-8	FSMW-1A 12122018	8260C	T						
460-171555-A-13	FSMW-13A 12122018	8260C	T						
460-171555-A-15	FSMW-14B 12122018	8260C	T						
460-171555-A-2 MS	FSMW-2B 12112018	8260C	T		20 uL				
460-171555-A-2 MSD	FSMW-2B 12112018	8260C	T		20 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Batch Number: 577330 Batch Start Date: 12/20/18 06:21 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00094	8260 SP 00097	8260ISNEW 00123	8260MIX1COMB 00091
BFB 460-577330/1		8260C		5 mL	5 mL				
STD8 460-577330/3 IC		8260C		5 mL	5 mL			1 uL	
STD05 460-577330/4 IC		8260C		5 mL	5 mL	15 uL		1 uL	5 uL
STD1 460-577330/5 IC		8260C		5 mL	5 mL	30 uL		1 uL	10 uL
STD5 460-577330/6 IC		8260C		5 mL	5 mL			1 uL	10 uL
STD20 460-577330/7 ICIS		8260C		5 mL	5 mL			1 uL	20 uL
STD50 460-577330/8 IC		8260C		5 mL	5 mL			1 uL	50 uL
STD200 460-577330/9 IC		8260C		5 mL	5 mL			1 uL	
STD500 460-577330/10 IC		8260C		5 mL	5 mL			1 uL	
ICV 460-577330/14		8260C		5 mL	5 mL		20 uL	1 uL	
LCS 460-577330/15		8260C		5 mL	5 mL		20 uL	1 uL	
MB 460-577330/18		8260C		5 mL	5 mL			1 uL	
460-171555-B-4	EB01 12112018	8260C	T	5 mL	5 mL			1 uL	
460-171555-B-12	FB02 12122018	8260C	T	5 mL	5 mL			1 uL	
460-171555-B-10	FSMW-8A 12122018	8260C	T	5 mL	5 mL			1 uL	
460-171555-B-6	DUP01 12112018	8260C	T	5 mL	5 mL			1 uL	
460-171555-B-1	FSMW-2A 12112018	8260C	T	5 mL	5 mL			1 uL	
460-171555-B-14	FSMW-14A 12122018	8260C	T	5 mL	5 mL			1 uL	
460-171555-B-10 MS	FSMW-8A 12122018	8260C	T	5 mL	5 mL			1 uL	20 uL
460-171555-B-10 MSD	FSMW-8A 12122018	8260C	T	5 mL	5 mL			1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00187	ACROLEIN SP 00093	ACROLEIN W 00084	ACRY/EPIH MIX 00056	BFB 00019	Ethanol mix 00022

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

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GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Batch Number: 577330 Batch Start Date: 12/20/18 06:21 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURRE250 00187	ACROLEIN SP 00093	ACROLEIN W 00084	ACRY/EPIH MIX 00056	BFB 00019	Ethanol mix 00022
BFB 460-577330/1		8260C						1 uL	
STD8 460-577330/3 IC		8260C		1 uL			20 uL		
STD05 460-577330/4 IC		8260C		1 uL		2 uL			
STD1 460-577330/5 IC		8260C		1 uL		4 uL			
STD5 460-577330/6 IC		8260C		1 uL		4 uL			
STD20 460-577330/7 ICIS		8260C		1 uL		4 uL			
STD50 460-577330/8 IC		8260C		1 uL		10 uL			
STD200 460-577330/9 IC		8260C		1 uL		20 uL			20 uL
STD500 460-577330/10 IC		8260C		1 uL		50 uL			50 uL
ICV 460-577330/14		8260C		1 uL	4 uL				
LCS 460-577330/15		8260C		1 uL	4 uL				
MB 460-577330/18		8260C		1 uL					
460-171555-B-4	EB01 12112018	8260C	T	1 uL					
460-171555-B-12	FB02 12122018	8260C	T	1 uL					
460-171555-B-10	FSMW-8A 12122018	8260C	T	1 uL					
460-171555-B-6	DUP01 12112018	8260C	T	1 uL					
460-171555-B-1	FSMW-2A 12112018	8260C	T	1 uL					
460-171555-B-14	FSMW-14A 12122018	8260C	T	1 uL					
460-171555-B-10 MS	FSMW-8A 12122018	8260C	T	1 uL		4 uL			
460-171555-B-10 MSD	FSMW-8A 12122018	8260C	T	1 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00282	GAS Hi 00285	GASES Li 00292	MIX 2 Hi 00077	MIX I Hi 00101	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Batch Number: 577330 Batch Start Date: 12/20/18 06:21 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00282	GAS Hi 00285	GASES Li 00292	MIX 2 Hi 00077	MIX I Hi 00101	
BFB 460-577330/1		8260C							
STD8 460-577330/3 IC		8260C				2.5 uL			
STD05 460-577330/4 IC		8260C				5 uL			
STD1 460-577330/5 IC		8260C				10 uL			
STD5 460-577330/6 IC		8260C				10 uL			
STD20 460-577330/7 ICIS		8260C				20 uL			
STD50 460-577330/8 IC		8260C				50 uL			
STD200 460-577330/9 IC		8260C			20 uL		20 uL	20 uL	
STD500 460-577330/10 IC		8260C			50 uL		50 uL	50 uL	
ICV 460-577330/14		8260C		20 uL					
LCS 460-577330/15		8260C		20 uL					
MB 460-577330/18		8260C							
460-171555-B-4	EB01 12112018	8260C	T						
460-171555-B-12	FB02 12122018	8260C	T						
460-171555-B-10	FSMW-8A 12122018	8260C	T						
460-171555-B-6	DUP01 12112018	8260C	T						
460-171555-B-1	FSMW-2A 12112018	8260C	T						
460-171555-B-14	FSMW-14A 12122018	8260C	T						
460-171555-B-10 MS	FSMW-8A 12122018	8260C	T			20 uL			
460-171555-B-10 MSD	FSMW-8A 12122018	8260C	T			20 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

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GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-171555-1

SDG No.: _____

Batch Number: 577330 Batch Start Date: 12/20/18 06:21 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

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Shipping and Receiving Documents

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

ENSAFE

EnSafe Inc. 800-588-7962

Project Name: **FROST STREET**Site Location: **WESTBURY, NY**Sampler/Site Phone# **MICHAEL ZOBEI/631-561-1340**

COC No.

PO No.

Page

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171555

Project No. **088823286** Phase **Q4185A** TaskLab Name **TEST AMERICA**

Sample Analysis Requested (Fill in the number of containers for each test)

Sampler: **MICHAEL ZOBEI / VIN VARRICCHIO**Send Results To: **ALEX START**Email: **ASTARK@ENSAFE.COM**

Data Shipping Address:

Sample ID (sys_samp_code)	Location ID (sys_loc_code)	Date (mm/dd/yy)	Time (Military) (hhmm)	Matrix Code (1)	Sample Type (2)	Field Filtered (Y/N)	Total No. of Containers											<-Preservative Type (3)	Remarks
1 FSMW-2A 12/11/2018	FSMW-2A	12/11/18	0900	WG	N	N	3	3											
2 FSMW-2B 12/11/2018	FSMW-2B	12/11/18	1000	WG	N	N	9	9											EXTRA VOLUME FOR MS/MSD
3 FSMW-4A 12/11/2018	FSMW-4A	12/11/18	1145	WG	N	N	3	3											
4 EBO1 12/11/2018	-	12/11/18	0910	WQ	EB	N	3	3											
5 FBO1 12/11/2018	-	12/11/18	1045	WQ	FB	N	3	3											
6 DUP01 12/11/2018	-	12/11/18	-	WG	FD	N	3	3											
7 FSMW-4B 12/11/2018	FSMW-4B	12/11/18	1255	WG	N	N	3	3											
8 FSMW-1A 12/12/2018	FSMW-1A	12/12/18	0910	WG	N	N	3	3											
9 EBO2 12/12/2018	-	12/12/18	0920	WQ	EB	N	3	3											
10 FSMW-8A 12/12/2018	FSMW-1A	12/12/18	1025	WG	N	N	3	3											
11 TBO1 12/11/2018	-	12/11/18	0900	WQ	TB	N	2	2											



480-171555 Chain of Custody

Turnaround Time(specify): Final ~~9~~ ¹⁴ days Email (if applicable) _____ daysEmail Results(check): Yes ☒ No ☐Deliverable (check): Level 2 ☐ Level 3 ☐ Level 4 ☐ TX TRRP-13 ☐

Field Comments:

Lab Comments:

Sample Shipment and Delivery Details

Number of coolers in shipment:

Relinquished by (signature)

Date

Time

Received by (signature)

Date

Time

Samples Iced?(check) Yes ☐ No ☐

Method of Shipment:

Airbill No:

Date Shipped:

(1) Matrix Code: AA=Air, AQ=Air Quality Control Matrix, DC=Drill Cuttings, GS=Soil Gas, LD=Drilling Fluid, LF=Free Product, LH=Liquid Waste, OL=Oil, SB=Bentonite, SC=Cement, SE=Sediment, SF=Filter Sandpack, SL=Sludge, SN=Miscellaneous Solid/Building Materials, SO=Soil, SQ=Soil/Solid Quality Control Matrix, ST=Solid Waste, SW=Swab/Wipe, TA=Animal Tissue, TP=Plant Tissue, TQ=Tissue Quality Control Matrix, U=Unknown, WA=Aqueous Drill Cuttings, WE=Estuary, WG=Ground Water, WL=Leachate, WO=Ocean Water, WP=Drinking Water, WQ=Water Quality Control Matrix, WS=Surface Water, WW=Waste Water

(2) Sample Type: AB=Ambient Blank, EB=Equipment Blank, FB=Field Blank, FD=Field Duplicate Sample, FR=Field Replicate, MB=Material Blank, N=Normal Environmental Sample, RB=Material Rinse Blank, TB=Trip Blank

(3) Preservative added: HA=Hydrochloric Acid, HCl=Hydrochloric Acid, HNO3=Nitric Acid, H2SO4=Sulfuric Acid, AA=Ascorbic Acid, HX=Hexane, ME=Methanol, SB=sodium bisulfate, ST=Sodium Thiosulfate, If NO preservative added leave blank

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4.01 4.0 5.0 6.0

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Ammonia	COD	Nitrate Nitrite	Metals *	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	TOC	Total Cyanide	Total Phos	Other	Other

If pH adjustments are required record the information below:

Sample No(s): adjusted: _____

Preservative Name/Conc.:

Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

*** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.**

EDS-WI-038, Rev 4, 06/09/2014

Initials:

Date: 12/12/18

Login Sample Receipt Checklist

Client: EnSafe, Inc.

Job Number: 460-171555-1

Login Number: 171555
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Refer to Job Narrative for details.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	