

February 14, 2020

Ms. Kerry Maloney, P.G.
NYSDEC, Division of Environmental Remediation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7015

Via email: Kerry.maloney@dec.ny.gov

Re: Quarterly Groundwater Monitoring Report – Fourth Quarter 2019
Frost Street Sites: Site ID #s 1-30043 I, L, M
New Cassel Industrial Area, Westbury, New York

Dear Ms. Maloney:

EnSafe Inc. is pleased to submit this Quarterly Groundwater Monitoring Report for Fourth Quarter (Q4) 2019 sampling activities at the Frost Street Sites (Site ID #s 1-30043 I, L, M) in Westbury, New York.

The Frost Street Sites are located west of the intersection of Old Country Road and the Wantagh State Parkway in the New Cassel Industrial Area as illustrated on Figure 1 and Figure 2. The Frost Street Sites are listed by the New York State Department of Environmental Conservation (NYSDEC) as Site No. 1-30-043 I (Former Autoline Automotive Site), 1-30-043 L (89 Frost Street Site), and 1-30-043 M (Former Applied Fluidics Site). The contaminants of concern at the Frost Street Sites are volatile organic compounds (VOCs), specifically tetrachloroethene (PCE) and trichloroethene (TCE) and their associated breakdown products.

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 Q1 2018 sampling event (March 2018); a revised sampling plan to incorporate monitoring for this new system is forthcoming in the Site Management Plan.

Remedial goals (RGs) for groundwater at the Site are New York State Class GA Ambient Water Quality Standards and New York State Department of Health Drinking Water Standards. This Monitoring Report satisfies the sampling and reporting requirements set forth in NYSDEC Final DER-10 Technical Guidance for Site Investigation and Remediation (NYSDEC, May 2010) (DER-

10). RGs for both PCE and TCE, the predominant Frost Street Sites-related contaminants, are 5 micrograms per cubic meter.

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 3 shows the site related monitoring wells and sampling frequency; Figure 4 shows the AS/SVE system and groundwater extraction system in their current configurations.

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

Sampling Summary

The Q4 2019 groundwater sampling event was performed on December 3 through December 5, 2019 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 4, 2019; all wells were accessible. Depth to water and calculated groundwater elevations are shown on Table 1; historical data is shown on Table 2. Groundwater flows southerly, towards the newly installed extraction wells.¹ The Frost Street Parties have submitted the requested documentation to facilitate NYSDEC review of the Expanded Pumping Test Summary, Findings, and Recommendations, and are awaiting further response/discussions.
- 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.

¹ Monitoring wells were resurveyed in 2018; groundwater elevations calculated using this data are based on revised well elevations, as indicated in the tables.

- Quality control samples for VOCs were collected in accordance with the Quality Assurance Project Plan (QAPP) (Walden, June 2006) and include one blind field duplicate of FSMW-14A (DUP01-120319), one field blank (FB01-120319), one equipment blank (EB01-120319), one trip blank (TB01-120219) and one matrix spike/matrix spike duplicate of samples collected from FSMW-14B.
- 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.
- Approximately 40 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 Q4 2019 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 are 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. Surrogates, laboratory control samples, and 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 equipment blank analyses yielded acceptable results. Some results were qualified based on quality control outliers for the continuing calibration verification standard for bromoform and carbon tetrachloride. All groundwater samples were reported undiluted except for FSMW-2A (2 times dilution) and FSMW-14B (5 times dilution).

Summary of Analytical Results

The validated Q4 2019 analytical data was submitted to NYSDEC on January 20, 2020 in accordance with the Electronic Data Deliverable requirements.

Table 3 presents the Q4 2019 VOC concentrations; Table 4 presents the VOC concentrations for all quarterly and annual groundwater monitoring events performed to date. Groundwater results can be summarized as follows:

- Stable or slight fluctuations of PCE and TCE concentrations above RGs are seen at source area well FSMW-2A, consistent with historical results and an overall downward trend since AS/SVE operation and optimization was performed in 2015. Source area well FSMW-2B remains below the RG for PCE and non-detect for TCE, consistent with historical results.
- Decreases of PCE and TCE are seen at source area wells FSMW-1A, FSMW-4A, and FSMW-4B, consistent with historical results and overall downward trend since AS/SVE operation and optimization was performed in 2015. PCE concentrations at FSMW-4B dropped below the RG this sampling event and PCE concentrations at FSMW-1A and FSMW-4A are approaching RGs. TCE concentrations at these wells are just above the RG (FSMW-1A) and below the RG (FSMW-4A and FSMW-4B).
- Concentrations of PCE at FSMW-8A, a shallow well downgradient of the source area, are continuing to decrease and are approaching the RG. The concentration of TCE is below the RG, estimated at just above the detection limits.
- The continued decrease of PCE concentrations at downgradient offsite wells FSMW-14A and FSMW-14B this quarter indicate influence from the groundwater extraction system. TCE concentrations increased slightly at FSMW-14A and decreased at FSMW-14B. At FSMW-13A, the PCE and TCE concentrations increased slightly. Overall, these concentrations are relatively stable and follow an overall downward trend.

Conclusions and 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. Operation of the groundwater extraction system should further decrease concentrations at offsite wells located downgradient of the extraction wells (FSMW-13 and FSMW-14).²

As recommended in the 2019 Comprehensive Groundwater Monitoring Report (EnSafe, September 2019), the groundwater sampling program should be revised to account for nearly 20 years of groundwater sampling (over 10 of which has been quarterly) and changed site conditions (improved concentrations in, and downgradient of the source area, and the operation of the newly

² A comprehensive trend analysis at each active monitoring well will be performed in the next comprehensive monitoring report.

installed groundwater extraction system [March 2018]). Sampling efforts should be focused on monitoring the source area where concentrations remain elevated (shallow zone) and the performance of the groundwater extraction system (FSMW-13 and FSMW-14 clusters). Specifically, wells with concentrations consistently below RGs should no longer be sampled and wells with consistent downward trends approaching RGs should be sampled on an annual basis, consistent with DER-10. EnSafe proposes the following sampling plan to be implemented upon approval from NYSDEC and finalized in the forthcoming Site Management Plan.

Proposed Sampling Plan			
Monitoring Well	Current Frequency	Summary of Data and Trends	Rationale for Change
Quarterly through Q1 2020; Semi-Annual Thereafter¹			
LRF-1	Every 5 th quarter	Decreasing following an increase in 2016-2018	Increase sampling frequency to confirm downward trend and no additional treatment is required in this area
FSMW-13A	Every 5 th quarter	Stable with slight fluctuations	Increase sampling frequency to monitor and confirm influence of groundwater extraction system ²
FSMW-13B	Every 5 th quarter	Decreasing due to remedial systems	
FSMW-13C	Every 5 th quarter	Stable with slight fluctuations	
FSMW-14A	Every 5 th quarter	Decreasing due to remedial systems	
FSMW-14B	Quarterly	Decreasing due to remedial systems	
FSMW-14C	Every 5 th quarter	Decreasing due to remedial systems	
Annual (First Event Q3 2020)			
FSMW-1A	Quarterly	Decreasing due to AS/SVE system	Decrease due to established trend
FSMW-2A	Quarterly	Decreasing due to AS/SVE system	Decrease due to established trend
FSMW-3A	Every 5 th quarter	Decreased due to AS/SVE system; recent slight increase	Increase due to semiannual sampling ²
FSMW-4A	Quarterly	Decreasing due to AS/SVE system	Decrease due to established trend
FSMW-4B	Quarterly	Stable with slight fluctuations	Decrease due to stability; continue monitoring because above RGs
FSMW-6B	Every 5 th quarter	Decreasing due to AS/SVE system	Increase due to semiannual sampling ²
FSMW-8A	Quarterly	Decreased due to AS/SVE system; increased in 2013 following decline since system optimization in 2015	Consistent decline; PCE and TCE approaching RGs
FSMW-9A	Every 5 th quarter	Decreased due to AS/SVE system; increased in 2013 following decline since system optimization in 2015	Increase due to semiannual sampling ²
Wells No Longer Sampled			
FSMW-1B	Every 5 th quarter	PCE and TCE ND, below RGs since 2006	
FSMW-2B	Quarterly	PCE and TCE below RGs since 2015	
FSMW-3B	Every 5 th quarter	PCE and TCE ND, below RGs since 2005	
FSMW-6A	Every 5 th quarter	PCE and TCE ND since 2014	
FSMW-8B	Every 5 th quarter	PCE and TCE below RGs since 2007	
FSMW-9B	Every 5 th quarter	PCE and TCE below RGs since 2013	
FSMW-10A	Every 5 th quarter	PCE and TCE below RGs since 2014	
FSMW-10B	Every 5 th quarter	PCE and TCE below RGs since 2007	
FSMW-11	Every 5 th quarter	PCE and TCE below RGs since 2009	
FSMW-12	Every 5 th quarter	PCE and TCE at or below RGs since sampling began in 2003	

Notes:

¹ Quarterly sampling through Q1 2020 to meet the “quarterly sample for two years” requirement in DER-10.

² 5th quarter sampling not compatible with a semiannual sampling frequency.

Q	=	quarter	PCE	=	tetrachloroethene
AS/SVE	=	air sparge/soil vapor extraction	TCE	=	trichloroethene
RG	=	remedial goal	ND	=	non-detect

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**

Table 1	Groundwater Elevations – Fourth Quarter 2019
Table 2	Historical Groundwater Elevations
Table 3	Groundwater Monitoring Results – Fourth Quarter 2019
Table 4	Historical Groundwater Monitoring Results

Figures

Figure 1	Site Location Map
Figure 2	Site Layout Map
Figure 3	Monitoring Plan
Figure 4	Remediation Systems

Appendix

Appendix A	Fourth Quarter 2019 Groundwater Sampling Data Usability Summary Report and Laboratory Analytical Data

Copies

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Tables

Table 1
Groundwater Elevations - Fourth Quarter 2019

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used starting Q2 2018 ¹ (feet AMSL)	Q4 2019 (12/3/2019)	
				Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	120.07	53.90	66.17
EX-1B	100-150	6	119.74	58.63	61.11
EX-1C	150-200	6	119.77	53.38	66.39
EX-1D	200-240	6	120.05	48.98	71.07
LRF-1	50-70	4	125.65	51.00	74.65
FSMW-1A	58-68	2	126.03	51.15	74.88
FSMW-1B	117-127	2	125.97	51.50	74.47
FSMW-2A	60-70	4	124.74	50.07	74.67
FSMW-2B	114-124	2	125.05	50.51	74.54
FSMW-3A	60-70	2	126.15	51.44	74.71
FSMW-3B	135-145	2	126.23	51.66	74.57
FSMW-4A	60-70	2	123.95	49.55	74.40
FSMW-4B	137-147	2	123.57	49.20	74.37
FSMW-5A	60-70	2	118.05	43.98	74.07
FSMW-5B	130-140	2	117.99	44.04	73.95
FSMW-6A	59-69	2	119.17	45.87	73.30
FSMW-6B	137-147	2	119.36	46.21	73.15
FSMW-7A	60-70	2	121.26	47.83	73.43
FSMW-7B	136-146	2	121.44	48.12	73.32
FSMW-8A	64-74	2	121.64	47.85	73.79
FSMW-8B	132-142	2	121.75	47.81	73.94
FSMW-8C	170-180	2	121.43	47.70	73.73
FSMW-8D	223-233	2	121.65	47.78	73.87
FSMW-9A	60-70	2	124.10	49.98	74.12
FSMW-9B	137-147	2	123.91	49.80	74.11
FSMW-10A	60-70	2	123.59	49.21	74.38
FSMW-10B	137-147	2	123.68	49.41	74.27
FSMW-11	139-149	2	119.34	45.74	73.60
FSMW-12	139-149	2	121.30	48.17	73.13
FSMW-13A	69-79	2	118.00	44.86	73.14
FSMW-13B	119-129	2	117.94	44.85	73.09
FSMW-13C	239-249	2	117.81	45.09	72.72
FSMW-14A	119-129	2	117.16	44.14	73.02
FSMW-14B	159-169	2	117.36	44.46	72.90
FSMW-14C	239-249	2	117.19	44.25	72.94
FSMW-19A	70-80	2	120.32	46.35	73.97
FSMW-19B	120-130	2	120.22	46.28	73.94
FSMW-19C	170-180	2	120.17	46.58	73.59
FSMW-19D	223-233	2	120.60	46.91	73.69

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		3/20 and 3/21/2019	
					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	NM	NM	NM	NM	49.64	70.43	47.62	72.45
EX-1B	100-150	6	NA	119.74	NM	NM	NM	NM	51.75	67.99	47.60	72.14
EX-1C	150-200	6	NA	119.77	NM	NM	NM	NM	56.64	63.13	NM	NM
EX-1D	200-240	6	NA	120.05	NM	NM	NM	NM	61.60	58.45	59.33	60.72
LRF-1	50-70	4	126.91	125.65	NM	NM	55.36	70.29	54.47	71.18	54.02	71.63
FSMW-1A	58-68	2	127.29	126.03	55.74	70.29	55.53	70.50	54.63	71.40	52.79	73.24
FSMW-1B	117-127	2	127.34	125.97	55.96	70.01	55.60	70.37	55.04	70.93	53.25	72.72
FSMW-2A	60-70	4	126.33	124.74	54.78	69.96	54.47	70.27	53.57	71.17	51.85	72.89
FSMW-2B	114-124	2	126.04	125.05	55.13	69.92	54.86	70.19	53.96	71.09	52.06	72.99
FSMW-3A	60-70	2	127.45	126.15	56.20	69.95	55.92	70.23	55.02	71.13	53.24	72.91
FSMW-3B	135-145	2	127.53	126.23	56.45	69.78	56.17	70.06	55.15	71.08	53.14	73.09
FSMW-4A	60-70	2	125.25	123.95	54.31	69.64	53.89	70.06	53.10	70.85	51.44	72.51
FSMW-4B	137-147	2	124.86	123.57	54.02	69.55	53.64	69.93	42.71	80.86	50.70	72.87
FSMW-5A	60-70	2	119.30	118.05	49.78	68.27	NM	NM	NM	NM	45.49	72.56
FSMW-5B	130-140	2	119.19	117.99	49.70	68.29	48.36	69.63	47.70	70.29	45.37	72.62
FSMW-6A	59-69	2	120.44	119.17	50.92	68.25	49.60	69.57	48.55	70.62	46.60	72.57
FSMW-6B	137-147	2	120.61	119.36	51.39	67.97	50.22	69.14	49.15	70.21	47.40	71.96
FSMW-7A	60-70	2	122.46	121.26	53.30	67.96	52.02	69.24	50.91	70.35	48.86	72.40
FSMW-7B	136-146	2	122.68	121.44	53.71	67.73	52.49	68.95	51.58	69.86	49.30	72.14
FSMW-8A	64-74	2	122.95	121.64	52.20	69.44	51.89	69.75	50.95	70.69	48.90	72.74
FSMW-8B	132-142	2	123.07	121.75	52.39	69.36	52.01	69.74	51.11	70.64	48.93	72.82
FSMW-8C	170-180	2	NA	121.43	52.43	69.00	52.16	69.27	51.04	70.39	48.85	72.58
FSMW-8D	223-233	2	NA	121.65	52.62	69.03	52.41	69.24	51.25	70.40	49.10	72.55
FSMW-9A	60-70	2	125.40	124.10	55.55	68.55	54.29	69.81	53.32	70.78	51.50	72.60
FSMW-9B	137-147	2	125.28	123.91	55.36	68.55	54.08	69.83	53.14	70.77	51.15	72.76
FSMW-10A	60-70	2	124.87	123.59	54.87	68.72	53.52	70.07	52.65	70.94	50.81	72.78
FSMW-10B	137-147	2	125.02	123.68	55.11	68.57	53.76	69.92	52.83	70.85	50.80	72.88
FSMW-11	139-149	2	120.80	119.34	51.19	68.15	49.90	69.44	48.88	70.46	46.83	72.51
FSMW-12	139-149	2	122.55	121.30	53.34	67.96	52.32	68.98	51.23	70.07	49.01	72.29
FSMW-13A	69-79	2	119.25	118.00	49.35	68.65	48.96	69.04	47.86	70.14	45.82	72.18
FSMW-13B	119-129	2	119.18	117.94	49.38	68.56	49.00	68.94	49.90	68.04	45.83	72.11
FSMW-13C	239-249	2	119.07	117.81	49.62	68.19	49.35	68.46	48.14	69.67	46.13	71.68
FSMW-14A	119-129	2	118.39	117.16	49.02	68.14	48.32	68.84	47.20	69.96	45.17	71.99
FSMW-14B	159-169	2	118.57	117.36	49.05	68.31	48.72	68.64	47.53	69.83	45.51	71.85
FSMW-14C	239-249	2	118.42	117.19	50.13	67.06	48.73	68.46	47.49	69.70	45.49	71.70
FSMW-19A	70-80	2	NA	120.32	51.52	68.80	50.60	69.72	50.32	70.00	47.64	72.68
FSMW-19B	120-130	2	NA	120.22	51.43	68.79	50.56	69.66	49.58	70.64	47.54	72.68
FSMW-19C	170-180	2	NA	120.17	51.71	68.46	51.06	69.11	49.63	70.54	47.71	72.46
FSMW-19D	223-233	2	NA	120.60	52.15	68.45	51.48	69.12	49.93	70.67	48.15	72.45

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)	6/21/2019		9/20/2019		12/3/2019	
					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	53.57	66.50	52.31	67.76	53.90	66.17
EX-1B	100-150	6	NA	119.74	58.32	61.42	58.29	61.45	58.63	61.11
EX-1C	150-200	6	NA	119.77	53.05	66.72	52.70	67.07	53.38	66.39
EX-1D	200-240	6	NA	120.05	48.66	71.39	48.45	71.60	48.98	71.07
LRF-1	50-70	4	126.91	125.65	50.69	74.96	50.49	75.16	51.00	74.65
FSMW-1A	58-68	2	127.29	126.03	50.84	75.19	50.20	75.83	51.15	74.88
FSMW-1B	117-127	2	127.34	125.97	NM	NM	50.59	75.38	51.50	74.47
FSMW-2A	60-70	4	126.33	124.74	49.77	74.97	49.66	75.08	50.07	74.67
FSMW-2B	114-124	2	126.04	125.05	50.16	74.89	50.03	75.02	50.51	74.54
FSMW-3A	60-70	2	127.45	126.15	51.13	75.02	51.01	75.14	51.44	74.71
FSMW-3B	135-145	2	127.53	126.23	51.40	74.83	51.29	74.94	51.66	74.57
FSMW-4A	60-70	2	125.25	123.95	49.20	74.75	48.79	75.16	49.55	74.40
FSMW-4B	137-147	2	124.86	123.57	48.91	74.66	48.61	74.96	49.20	74.37
FSMW-5A	60-70	2	119.30	118.05	43.69	74.36	43.22	74.83	43.98	74.07
FSMW-5B	130-140	2	119.19	117.99	43.67	74.32	43.31	74.68	44.04	73.95
FSMW-6A	59-69	2	120.44	119.17	45.14	74.03	45.05	74.12	45.87	73.30
FSMW-6B	137-147	2	120.61	119.36	46.17	73.19	45.45	73.91	46.21	73.15
FSMW-7A	60-70	2	122.46	121.26	47.21	74.05	47.25	74.01	47.83	73.43
FSMW-7B	136-146	2	122.68	121.44	47.71	73.73	47.72	73.72	48.12	73.32
FSMW-8A	64-74	2	122.95	121.64	47.20	74.44	47.15	74.49	47.85	73.79
FSMW-8B	132-142	2	123.07	121.75	47.35	74.40	47.27	74.48	47.81	73.94
FSMW-8C	170-180	2	NA	121.43	47.35	74.08	47.28	74.15	47.70	73.73
FSMW-8D	223-233	2	NA	121.65	47.53	74.12	47.57	74.08	47.78	73.87
FSMW-9A	60-70	2	125.40	124.10	49.81	74.29	49.32	74.78	49.98	74.12
FSMW-9B	137-147	2	125.28	123.91	49.42	74.49	49.21	74.70	49.80	74.11
FSMW-10A	60-70	2	124.87	123.59	48.95	74.64	48.80	74.79	49.21	74.38
FSMW-10B	137-147	2	125.02	123.68	49.08	74.60	48.92	74.76	49.41	74.27
FSMW-11	139-149	2	120.80	119.34	45.17	74.17	45.11	74.23	45.74	73.60
FSMW-12	139-149	2	122.55	121.30	47.86	73.44	47.58	73.72	48.17	73.13
FSMW-13A	69-79	2	119.25	118.00	44.23	73.77	44.23	73.77	44.86	73.14
FSMW-13B	119-129	2	119.18	117.94	44.22	73.72	44.23	73.71	44.85	73.09
FSMW-13C	239-249	2	119.07	117.81	44.41	73.40	44.42	73.39	45.09	72.72
FSMW-14A	119-129	2	118.39	117.16	43.50	73.66	43.53	73.63	44.14	73.02
FSMW-14B	159-169	2	118.57	117.36	43.83	73.53	43.92	73.44	44.46	72.90
FSMW-14C	239-249	2	118.42	117.19	43.78	73.41	43.77	73.42	44.25	72.94
FSMW-19A	70-80	2	NA	120.32	46.03	74.29	45.89	74.43	46.35	73.97
FSMW-19B	120-130	2	NA	120.22	45.92	74.30	45.75	74.47	46.28	73.94
FSMW-19C	170-180	2	NA	120.17	46.18	73.99	46.09	74.08	46.58	73.59
FSMW-19D	223-233	2	NA	120.60	46.87	73.73	46.52	74.08	46.91	73.69

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 2019

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	FSMW-1A 12/04/2019 58-68 feet bgs (µg/L)	FSMW-2A 12/05/2019 60-70 feet bgs (µg/L)	FSMW-2B 12/05/2019 114-124 feet bgs (µg/L)	FSMW-4A 12/04/2019 60-70 feet bgs (µg/L)	FSMW-4B 12/04/2019 137-147 feet bgs (µg/L)	FSMW-8A 12/04/2019 64-74 feet bgs (µg/L)	FSMW-13A 12/03/2019 69-79 feet bgs (µg/L)	FSMW-14A 12/03/2019 119-129 feet bgs (µg/L)	FSMW-14A - Duplicate 12/03/2019 119-129 feet bgs (µg/L)	FSMW-14B 12/03/2019 159-169 feet bgs (µg/L)
Analyte											
1,1,1-Trichloroethane	5	0.24 U	0.48 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.2 U
1,1,2,2-Tetrachloroethane	5	0.37 U	0.73 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U
1,1,2-Trichloroethane	1	0.43 U	0.87 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	2.2 U
1,1-Dichloroethane	5	0.26 U	0.53 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.3 U
1,1-Dichloroethene	5	0.26 U	0.53 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.43 U	0.45 J	1.3 U
1,2-Dichloroethane	0.6	0.43 U	0.86 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	2.2 U
1,2-Dichloropropane	1	0.35 U	0.71 U	0.35 U	0.35 U	0.35 U	0.35 U	1.3 U	0.35 U	0.35 U	1.8 U
2-Butanone (MEK)	50	1.9 U	3.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	9.3 U
2-Hexanone	50	1.1 U	2.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.7 U
4-Methyl-2-Pentanone (MIBK)	NC	1.3 U	2.6 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.5 U
Acetone	50	4.4 U	15 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	52 U
Benzene	1	0.2 U	0.41 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
Bromodichloromethane	50	0.34 U	0.69 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1.7 U
Bromoform	50	0.54 UJ	1.1 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	0.54 UJ	2.7 UJ
Bromomethane	5	0.55 U	1.1 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	2.8 U
Carbon disulfide	60	0.82 U	1.6 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	4.1 U
Carbon tetrachloride	5	0.21 UJ	0.42 UJ	0.21 UJ	0.21 UJ	0.21 UJ	0.21 UJ	0.21 UJ	0.21 UJ	0.21 UJ	1 UJ
Chlorobenzene	5	0.38 U	0.75 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1.9 U
Chlorobromomethane	5	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	2.1 U
Chloroethane	5	0.32 U	0.64 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U
Chloroform	7	0.33 U	0.65 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1.6 U
Chloromethane	5	0.4 U	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2 U
cis-1,2-Dichloroethene	5	2.1	30	0.22 U	0.22 U	0.22 U	0.22 U	9.2 U	3.6 U	4 U	9.3 U
cis-1,3-Dichloropropene	0.4	0.22 U	0.44 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	1.1 U
Ethylbenzene	5	0.3 U	0.6 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U
Methylene chloride	5	0.32 U	0.63 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.6 U
Styrene	5	0.42 U	0.83 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	2.1 U
Tetrachloroethene	5	54	800	3	25	3	6.1	270	260	300	1,100
Toluene	5	0.38 U	0.76 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1.9 U
trans-1,2-Dichloroethene	5	0.24 U	0.76 J	0.24 U	0.24 U	0.24 U	0.24 U	0.4 J	0.24 U	0.37 J	1.2 U
trans-1,3-Dichloropropene	0.4	0.49 U	0.97 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	2.4 U
Trichloroethene	5	6.4	39	0.31 U	0.46 J	1	0.5 J	9.2 U	8.2 U	9.4 U	33 U
Vinyl chloride	2	0.17 U	0.34 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.86 U
Total Xylenes	5	0.65 U	1.3 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	3.3 U

Notes:

1 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; estimated "J" qualifier added during validation

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2019		2018		2016		2015		2014		2013				2012		2010	
Sample Location:		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1 - Duplicate		LRF-1		LRF-1	
Sample Date:		Jun-19		Mar-18		Dec-16		Oct-15		Oct-14		Oct-13		Oct-13		Nov-12		Sep-10	
Screen Interval: Units:		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.24	U	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	0.37	U	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	0.43	U	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	0.26	U	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	0.26	U	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	0.43	U	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	0.35	U	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	1.9	U	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	1.1	U	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	1.3	U	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	4.4	U	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	0.2	U	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	0.34	U	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	0.54	U	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	0.55	U	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	0.82	U	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	0.21	U	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	0.38	U	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	0.41	U	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	0.32	U	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	0.33	U	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	0.4	UJ	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	1.7		120		67	J	36	J	30		1.8	U	1.8	U	1.8	U	0.17	J
cis-1,3-Dichloropropene	0.4	0.22	U	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	0.3	U	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	0.32	U	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	0.42	U	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	210		930		800		320		600	D	4.9	J	5.1	J	7.7	J	33	
Toluene	5	0.38	U	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	0.24	U	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	0.49	U	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	5.8		100		87	J	48	J	130		1.9	U	1.9	U	1.9	U	2.8	J
Vinyl chloride	2	0.17	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.65	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009		2008		2007		2006		2019								2018	
Sample Location:		LRF-1		LRF-1		LRF-1		LRF-1		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
Sample Date:		Sep-09		Sep-08		Aug-07		Aug-06		Dec-19		Sep-19		Jun-19		Mar-19		Dec-18	
Screen Interval: Units:		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		45-65 feet bgs (µg/L)		58-68 feet bgs (µg/L)		58-68 feet bgs (µg/L)		58-68 feet bgs (µg/L)		58-68 feet bgs (µg/L)		58-68 feet bgs (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	0.24	U	0.24	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	0.37	U	0.37	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	0.43	U	0.43	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	0.26	U	0.26	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	100	U	0.26	U	0.26	U	0.26	U	0.12	U	0.12	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	0.43	U	0.43	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	0.35	U	0.35	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	100	U	1.9	U	11	J+	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	100	U	1.1	U	1.1	U	1.1	U	2.9	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	100	U	1.3	U	1.3	U	1.3	U	2.7	U	2.7	U
Acetone	50	0.10	U*	0.10	U	0.10	U	100	U	4.4	U	4.4	U	4.4	U	5	U	5	U
Benzene	1	0.10	U	0.10	U	0.10	U	100	U	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	100	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.10	U	0.10	U	0.10	U	100	U	0.54	UJ	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	100	UJ	0.55	U	0.55	U	0.55	U	1	U	1	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	100	U	0.82	U	0.82	U	0.82	U	0.16	U	0.16	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	100	U	0.21	UJ	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	100	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	100	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	100	UJ	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.10	U	0.10	U	0.10	U	100	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	100	U	0.4	U	0.4	U	0.4	U	0.14	U	0.14	UJ
cis-1,2-Dichloroethene	5	0.16	J	0.10	U	0.10	U	100	U	2.1		3.3		19		34		80	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	100	U	0.22	U	0.22	U	0.22	U	0.46	U	0.46	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	100	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.40	JB	0.10	U	0.10	U	100	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.10	U	0.10	U	0.10	U	100	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	210		220		710	J	890		54		88		160		340		240	
Toluene	5	0.10	U	0.10	U	0.10	U	100	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	100	U	0.24	U	0.24	U	0.42	J	0.71	J	0.24	U
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	0.49	U	0.49	U
Trichloroethene	5	24		37		73		33	J	6.4		11		28		57		54	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	100	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	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	100	U	82	U	0.65	U	0.65	U	0.65	U	0.3	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018						2017											
Sample Location:		FSMW-1A Sep-18 58-68 feet bgs (µg/L)		FSMW-1A Jun-18 58-68 feet bgs (µg/L)		FSMW-1A Mar-18 58-68 feet bgs (µg/L)		FSMW-1A Dec-17 58-68 feet bgs (µg/L)		FSMW-1A Sep-17 58-68 feet bgs (µg/L)		FSMW-1A - Duplicate Sep-17 58-68 feet bgs (µg/L)		FSMW-1A Jun-17 58-68 feet bgs (µg/L)		FSMW-1A Mar-17 58-68 feet bgs (µg/L)		FSMW-1A - Duplicate Mar-17 58-68 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	UJ	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.12	U	0.12	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	UJ	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	UJ	0.10	UJ
1,2-Dichloropropane	1	0.35	U	0.35	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.9	U	1.9	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
2-Hexanone	50	2.9	U	2.9	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	2.7	U	2.7	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Acetone	50	5	U	5	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	UJ	0.10	UJ	0.10	UJ
Benzene	1	0.43	U	0.43	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	U	0.34	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.54	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Bromomethane	5	1	U	1	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Carbon disulfide	60	0.16	U	0.16	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.38	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.41	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.32	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.33	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Chloromethane	5	0.14	U	0.14	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	36		69		150		62		63		62		110	J	48		48	
cis-1,3-Dichloropropene	0.4	0.46	U	0.46	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	U	0.3	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Methylene chloride	5	0.32	U	0.32	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Styrene	5	0.42	U	0.42	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Tetrachloroethene	5	140		180		310		180		180		170	D	400		300	D	300	D
Toluene	5	0.38	U	0.38	U	0.20	U	0.10	J	0.71	J	0.67	J	0.5	U	3.7	J	0.10	U
trans-1,2-Dichloroethene	5	0.28	J	0.34	J	0.80	J	0.29	J	0.49	J	0.20	U	1.1	J	0.46	J	0.45	J
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
Trichloroethene	5	24		44		66		35		32		32		57		60		61	
Vinyl chloride	2	0.17	U	0.17	U	0.20	U	0.10	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U
m+p Xylene	5	NA		0.3	U	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		0.36	U	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.65	U	NA		0.20	U	0.10	U	0.20	U	0.20	U	0.50	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 ¹ (µg/L)	2016										2015							
		FSMW-1A Dec-16 58-68 feet bgs (µg/L)		FSMW-1A Sep-16 58-68 feet bgs (µg/L)		FSMW-1A Jul-16 58-68 feet bgs (µg/L)		FSMW-1A - Duplicate Jul-16 58-68 feet bgs (µg/L)		FSMW-1A Apr-16 58-68 feet bgs (µg/L)		FSMW-1A Dec-15 58-68 feet bgs (µg/L)		FSMW-1A Sep-15 58-68 feet bgs (µg/L)		FSMW-1A Jul-15 58-68 feet bgs (µg/L)		FSMW-1A Mar-15 58-68 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	4.2	U	11	U	1.0	U
1,1,2,2-Tetrachloroethane	5	0.10	UJ	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.8	U	9.5	U	1.0	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	UJ	1.0	UJ
1,1-Dichloroethene	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	5.0	U	13	U	1.0	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	1.7	U	4.2	UJ	1.0	UJ
1,2-Dichloropropane	1	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U
2-Butanone (MEK)	50	0.10	UJ	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U
2-Hexanone	50	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.6	U	9.0	U	1.0	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U
Acetone	50	0.10	UJ	0.10	UJ	0.20	UJ	0.20	UJ	0.10	U	0.10	UJ	3.8	U	9.5	U	1.0	U
Benzene	1	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U
Bromodichloromethane	50	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.0	U	7.5	U	1.0	U
Bromoform	50	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	10	U	25	U	1.0	U
Bromomethane	5	0.10	U	0.10	UJ	0.20	U	0.20	U	0.10	U	0.10	U	8.6	U	22	U	1.0	U
Carbon disulfide	60	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	4.2	U	11	U	1.0	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	4.0	U	10	U	1.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U
Chlorobromomethane	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U
Chloroethane	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	5.0	U	13	U	1.0	U
Chloroform	7	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.8	U	9.5	U	1.0	U
Chloromethane	5	0.10	UJ	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	4.6	U	12	U	1.0	U
cis-1,2-Dichloroethene	5	13		15	J	17	J	17	J	4.8	J	11		7.9	J	9.0	J	1.8	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	2.8	U	7.0	U	1.0	U
Ethylbenzene	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U
Methylene chloride	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	UJ	2.6	U	6.5	U	1.0	U
Styrene	5	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.4	U	8.5	U	1.0	U
Tetrachloroethene	5	180		170	ED	240		250		140		170	D	220		330		990	
Toluene	5	3.7	J	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U
trans-1,2-Dichloroethene	5	0.10	U	0.32	J	0.20	U	0.20	U	0.10	UJ	0.17	J	3.8	U	9.5	U	1.0	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	3.2	U	8.0	U	1.0	U
Trichloroethene	5	32		33		43		41		17		25		23		19	J	65	
Vinyl chloride	2	0.10	U	0.10	U	0.20	U	0.20	U	0.10	U	0.10	U	4.6	U	12	U	1.0	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	0.20	U	0.20	U	0.10	U	0.10	U	1.6	U	4.1	U	1.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014								2013				2012					
Sample Location:		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate	
Sample Date:		Dec-14		Oct-14		Jun-14		Mar-14		Oct-13		Jul-13		Nov-12		Jul-12		Jul-12	
Screen Interval:		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		58-68 feet bgs	
Units:	(µg/L)		(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	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	3.0	U	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	3.8	U	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	3.4	U	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	5.0	U	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	1.7	U	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	3.4	U	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	3.0	U	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	3.6	U	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	3.4	U	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	3.8	U	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	3.2	U	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	3.0	U	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	10	U	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	8.6	U	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	4.2	U	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	4.0	U	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	3.2	U	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	3.4	U	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	5.0	U	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	3.8	U	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	4.6	U	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	3.6	U	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	2.8	U	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	3.2	U	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	2.6	U	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	3.4	U	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	150	U	210	J	10	U	2.4	J	2.1	U	2.6	J	3.0	U	2.1	J	2.1	U
Toluene	5	3.2	U	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	3.8	U	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	3.2	U	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	11	J	38	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	4.6	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	1.6	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2012		2011				2010								2009			
Sample Location:		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A			
Sample Date:		Apr-12		Dec-11		Jul-11		Mar-11		Dec-10		Sep-10		Jun-10		Mar-10			
Screen Interval:		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			
Units:		(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(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	0.33	J
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	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	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	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	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	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	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*	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*	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	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*	1.2	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	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	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	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*	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	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	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	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	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	1.0	J
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	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*	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	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	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	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	0.50	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	0.10	U
Tetrachloroethene	5	2.1	U	6.0	U	4.4	J	6.1	J	7.3	J	21		27		65		30	
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	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	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	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	1.6	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*	0.10	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	0.82	U	0.82	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009								2008									
Sample Location:		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate			
Sample Date:		Dec-09		Sep-09		Jun-09		Mar-09		Dec-08		Sep-08		Jun-08		Mar-08			
Screen Interval:		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			
Units:		(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	0.40	J	0.54	J	0.10	U	0.10	U	0.10	U	0.93	J	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	0.10	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	0.10	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	0.10	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	0.10	U	0.10	U	0.20	U	0.20	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	0.20	U	0.20	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	0.10	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	0.10	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*	0.10	U	0.10	U	0.20	U	0.20	U
Acetone	50	1.5	JB*	0.78	JB*	1.0	JB*	0.76	JB*	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.20	U	0.20	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	0.20	U	0.20	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	0.20	U	0.20	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.34	J	0.20	U	0.20	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	0.20	U	0.20	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U
Methylene chloride	5	0.53	JB	0.38	JB	0.33	JB	0.10	U	0.10	U	0.24	JB	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	0.10	U	0.10	U	0.20	U	0.20	U
Tetrachloroethene	5	30		56		63		75	B	71		51		190		250		210	
Toluene	5	0.10	U	0.10	U	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	0.10	U	0.10	U	0.10	U	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	0.10	U	0.10	U	0.20	U	0.20	U
Trichloroethene	5	1.6	J	3.0	J	1.7	J	2.5	J	1.7	J	1.5	J	3.7	J	5.1		4.6	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	0.20	U	0.20	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007								2006				2019		2018		2016	
Sample Location:		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1B		FSMW-1B		FSMW-1B	
Sample Date:		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06		Jun-19		Mar-18		Dec-16	
Screen Interval:		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		58-68 feet bgs		117-127 feet bgs		117-127 feet bgs		117-127 feet bgs	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.24	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.37	U	0.10	U	0.10	UJ
1,1,2-Trichloroethane	1	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.43	U	0.10	U	0.10	U
1,1-Dichloroethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.26	U	0.10	U	0.10	U
1,1-Dichloroethene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.26	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.43	U	0.10	U	0.10	U
1,2-Dichloropropane	1	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.35	U	0.10	U	0.10	U
2-Butanone (MEK)	50	10	U	0.10	U	50	U	50	U	10	UJ	50	U	1.9	U	0.10	U	0.10	UJ
2-Hexanone	50	10	U	0.10	U	50	U	50	U	10	UJ	50	U	1.1	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	50	U	50	U	10	UJ	50	U	1.3	U	0.10	U	0.10	U
Acetone	50	10	U	0.10	U	50	UJ	50	U	10	UJ	50	U	4.4	U	2.6	U	0.10	UJ
Benzene	1	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.2	U	0.10	U	0.10	U
Bromodichloromethane	50	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.34	U	0.10	U	0.10	U
Bromoform	50	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.54	U	0.10	U	0.10	U
Bromomethane	5	5	UJ	0.10	U	50	U	50	U	10	UJ	50	UJ	0.55	U	0.10	U	0.10	U
Carbon disulfide	60	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.82	U	0.10	U	0.10	U
Carbon tetrachloride	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.21	U	0.10	U	0.10	U
Chlorobenzene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.38	U	0.10	U	0.10	U
Chlorobromomethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.41	U	0.10	U	0.10	U
Chloroethane	5	5	U	0.10	U	50	U	50	U	10	UJ	50	UJ	0.32	U	0.10	U	0.10	U
Chloroform	7	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.33	U	0.10	U	0.10	U
Chloromethane	5	5	U	0.10	U	50	UJ	50	U	10	UJ	50	U	0.4	U	0.10	U	0.10	UJ
cis-1,2-Dichloroethene	5	5	U	0.10	U	50	U	50	U	1	J	50	U	0.22	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.22	U	0.10	U	0.10	U
Ethylbenzene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.3	U	0.10	U	0.10	U
Methylene chloride	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.32	U	0.43	U	0.10	U
Styrene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.42	U	0.10	U	0.10	U
Tetrachloroethene	5	340		160		540		740		1,100	J	410		0.25	U	1.2	J	0.10	U
Toluene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.38	U	0.10	U	1.8	J
trans-1,2-Dichloroethene	5	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.24	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.49	U	0.10	U	0.10	U
Trichloroethene	5	7.2		9.9	J	31	J	39	J	86	J	18	J	0.31	U	0.10	U	0.10	U
Vinyl chloride	2	5	U	0.10	U	50	UJ	50	U	10	UJ	50	U	0.17	U	0.10	U	0.10	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	5	U	0.10	U	50	U	50	U	10	UJ	50	U	0.65	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2015		2014		2013		2012				2010		2009		2008		2007	
Sample Location:	NYSDEC	FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B - Duplicate		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B	
Sample Date:	Class GA GW	Sep-15		Oct-14		Oct-13		Nov-12		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07	
Screen Interval:	Standard ¹	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		117-127 feet bgs	
Units:	(µg/L)	(µg/L)		(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	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	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	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	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	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	0.83	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	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	U	1.5	U	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	U	1.8	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	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	U	1.9	U	1.7	J	1.1	JB*	0.10	U*	0.10	U
Benzene	1	1.6	U	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	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	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	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	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	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	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	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	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	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	2.3	U	0.22	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	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	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	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	1.3	U	0.27	JB	0.35	JB	0.10	U	0.10	U
Styrene	5	1.7	U	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	2.1	U	2.8	J	2.9	U	2.1	U	0.86	J	0.69	J	0.10	U	0.33	J
Toluene	5	1.6	U	1.6	U	1.6	U	12		12		0.86	J	0.15	J	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	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	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	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U
Vinyl chloride	2	2.3	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2006		2019						2018					
Sample Location:		FSMW-1B		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate	
Sample Date:		Aug-06		Dec-19		Sep-19		Jun-19		Mar-19		Dec-18		Oct-18	
Screen Interval: Units:		117-127 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)	
Analyte															
1,1,1-Trichloroethane	5	10	U	0.48	U	0.48	U	0.48	U	0.24	U	0.24	U	0.48	U
1,1,2,2-Tetrachloroethane	5	10	U	0.73	U	0.73	U	0.73	U	0.37	U	0.37	U	0.73	U
1,1,2-Trichloroethane	1	10	U	0.87	U	0.87	U	0.87	U	0.43	U	0.43	U	0.87	U
1,1-Dichloroethane	5	10	U	0.53	U	0.53	U	0.53	U	0.26	U	0.26	U	0.53	U
1,1-Dichloroethene	5	10	U	0.53	U	0.53	U	0.53	U	0.12	U	0.12	U	0.23	U
1,2-Dichloroethane	0.6	10	U	0.86	U	0.86	U	0.86	U	0.43	U	0.43	U	0.86	U
1,2-Dichloropropane	1	10	U	0.71	U	0.71	U	0.71	U	0.35	U	0.35	U	0.71	U
2-Butanone (MEK)	50	10	U	3.7	U	3.7	U	3.7	U	1.9	U	1.9	U	3.7	U
2-Hexanone	50	10	U	2.3	U	2.3	U	2.3	U	2.9	U	2.9	U	5.8	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	2.6	U	2.6	U	2.6	U	2.7	U	2.7	U	5.5	U
Acetone	50	10	U	15		8.8	U	8.8	U	5	U	5	U	10	U
Benzene	1	10	U	0.41	U	0.41	U	0.41	U	0.43	U	0.43	U	0.86	U
Bromodichloromethane	50	10	U	0.69	U	0.69	U	0.69	U	0.34	U	0.34	U	0.69	U
Bromoform	50	10	U	1.1	UJ	1.1	U	1.1	U	0.54	U	0.54	U	1.1	U
Bromomethane	5	10	UJ	1.1	U	1.1	U	1.1	U	1	U	1	UJ	2	U
Carbon disulfide	60	10	U	1.6	U	1.6	U	1.6	U	0.16	U	0.16	U	0.31	U
Carbon tetrachloride	5	10	U	0.42	UJ	0.42	U	0.42	U	0.21	U	0.21	U	0.42	U
Chlorobenzene	5	10	U	0.75	U	0.75	U	0.75	U	0.38	U	0.38	U	0.75	U
Chlorobromomethane	5	10	U	0.82	U	0.82	U	0.82	U	0.41	U	0.41	U	0.82	U
Chloroethane	5	10	UJ	0.64	U	0.64	U	0.64	U	0.32	U	0.32	U	0.64	U
Chloroform	7	10	U	0.65	U	0.65	U	0.65	U	0.33	U	0.33	U	0.65	U
Chloromethane	5	10	U	0.8	U	0.8	U	0.8	U	0.14	U	0.14	UJ	0.29	UJ
cis-1,2-Dichloroethene	5	10	U	30		20		23		28		28		27	
cis-1,3-Dichloropropene	0.4	10	U	0.44	U	0.44	U	0.44	U	0.46	U	0.46	U	0.91	U
Ethylbenzene	5	10	U	0.6	U	0.6	U	0.6	U	0.3	U	0.3	U	0.6	U
Methylene chloride	5	10	U	0.63	U	0.63	U	0.63	U	0.32	U	0.32	U	0.63	U
Styrene	5	10	U	0.83	U	0.83	U	0.83	U	0.42	U	0.42	U	0.83	U
Tetrachloroethene	5	17		800		650		560		240		340		350	
Toluene	5	10	U	0.76	U	0.76	U	0.76	U	0.38	U	0.38	U	0.76	U
trans-1,2-Dichloroethene	5	10	U	0.76	J	0.47	U	0.47	U	0.24	U	0.31	J	0.47	U
trans-1,3-Dichloropropene	0.4	10	U	0.97	U	0.97	U	0.97	U	0.49	U	0.49	U	0.97	U
Trichloroethene	5	10	U	39		24		27		12		17		19	
Vinyl chloride	2	10	U	0.34	U	0.34	U	0.34	U	0.17	U	0.17	U	0.34	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	1.3	U	1.3	U	1.3	U	0.3	U	0.65	U	1.3	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018		2017										2016	
Sample Location:		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A	
Sample Date:		Mar-18		Dec-17		Dec-17		Sep-17		Sep-17		Jun-17		Mar-17	
Screen Interval: Units:		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (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 ¹ (µg/L)	2016								2015								2014	
		FSMW-2A Sep-16 60-70 feet bgs (µg/L)		FSMW-2A Jun-16 60-70 feet bgs (µg/L)		FSMW-2A Apr-16 60-70 feet bgs (µg/L)		FSMW-2A - Duplicate Apr-16 60-70 feet bgs (µg/L)		FSMW-2A Dec-15 60-70 feet bgs (µg/L)		FSMW-2A Oct-15 60-70 feet bgs (µg/L)		FSMW-2A Jul-15 60-70 feet bgs (µg/L)		FSMW-2A Mar-15 60-70 feet bgs (µg/L)		FSMW-2A Dec-14 60-70 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	42	U	210	U	10	U	110	U
1,1,2,2-Tetrachloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U	10	U	75	U
1,1,2-Trichloroethane	1	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U	10	U	95	U
1,1-Dichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	85	U
1,1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	50	U	250	U	10	U	130	U
1,2-Dichloroethane	0.6	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	17	U	83	U	10	U	42	U
1,2-Dichloropropane	1	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	85	U
2-Butanone (MEK)	50	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U	10	U	75	U
2-Hexanone	50	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	36	U	180	U	10	U	90	U
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	85	U
Acetone	50	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U	10	U	95	U
Benzene	1	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U	10	U	80	U
Bromodichloromethane	50	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	30	U	150	U	10	U	75	U
Bromoform	50	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	100	U	500	U	10	U	250	U
Bromomethane	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	86	U	430	U	10	U	220	U
Carbon disulfide	60	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	42	U	210	U	10	U	110	U
Carbon tetrachloride	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	40	U	200	U	10	U	100	U
Chlorobenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.43	J	32	U	160	U	10	U	80	U
Chlorobromomethane	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	85	U
Chloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	50	U	250	U	10	U	130	U
Chloroform	7	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U	10	U	95	U
Chloromethane	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	46	U	230	U	10	U	120	U
cis-1,2-Dichloroethene	5	19	J	17	J	26	J	27	J	37	J	38	J	180	U	140	J	290	J
cis-1,3-Dichloropropene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	28	U	140	U	10	U	70	U
Ethylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U	10	U	80	U
Methylene chloride	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	26	U	130	U	10	U	65	U
Styrene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	34	U	170	U	10	U	75	U
Tetrachloroethene	5	840	J	1,000	J	1,300	J	1,300	J	1,200	D	2,000	J	8,100	J	5,400	J	14,000	D
Toluene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U	10	U	80	U
trans-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	38	U	190	U	10	U	95	U
trans-1,3-Dichloropropene	0.4	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	32	U	160	U	10	U	80	U
Trichloroethene	5	32	J	32	J	53	J	53	J	61	J	61	J	280	J	310	J	370	J
Vinyl chloride	2	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	46	U	230	U	10	U	120	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	1.0	U	1.0	U	1.0	U	1.0	U	0.10	U	16	U	10	U	41	U	41	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014										2013						2012	
Sample Location:		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A	
Sample Date:		Sep-14		Sep-14		Jun-14		Jun-14		Mar-14		Oct-13		Jul-13		Jul-13		Nov-12	
Screen Interval: Units:		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	110	U	110	U	110	U	110	U	210	U	2.1	U	11	U	170	U	2.1	U
1,1,2,2-Tetrachloroethane	5	75	U	75	U	75	U	75	U	150	U	1.5	U	7.5	U	120	U	1.5	U
1,1,2-Trichloroethane	1	95	U	95	U	95	U	95	U	190	U	1.9	U	9.5	U	150	U	1.9	U
1,1-Dichloroethane	5	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U
1,1-Dichloroethene	5	130	U	130	U	130	U	130	U	250	U	2.5	U	13	U	200	U	2.5	UJ
1,2-Dichloroethane	0.6	42	U	42	U	42	U	42	U	83	U	0.83	U	4.2	U	66	U	0.83	U
1,2-Dichloropropane	1	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U
2-Butanone (MEK)	50	75	U	75	U	75	U	75	U	150	UJ	1.5	U	7.5	U	120	U	1.5	U
2-Hexanone	50	90	U	90	U	90	U	90	U	180	U	1.8	U	9.0	U	140	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U
Acetone	50	95	U	95	U	95	U	95	U	190	U	1.9	U	9.5	U	150	U	1.9	U
Benzene	1	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U	130	U	1.6	U
Bromodichloromethane	50	75	U	75	U	75	U	75	U	150	U	1.5	U	7.5	U	120	U	1.5	U
Bromoform	50	250	U	250	UJ	250	U	250	U	500	U	5.0	U	25.0	U	400	U	5.0	UJ
Bromomethane	5	220	U	220	U	220	U	220	U	430	UJ	4.3	U	22	U	340	U	4.3	UJ
Carbon disulfide	60	110	U	110	U	110	U	110	U	210	U	2.1	U	11	U	170	U	2.1	U
Carbon tetrachloride	5	100	U	100	U	100	U	100	U	200	U	2.0	U	10.0	U	160	U	2.0	U
Chlorobenzene	5	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U	130	U	1.6	U
Chlorobromomethane	5	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U
Chloroethane	5	130	U	130	U	130	U	130	U	250	U	2.5	U	13	U	200	U	2.5	U
Chloroform	7	95	U	95	U	95	U	95	U	190	U	1.9	U	9.5	U	150	U	1.9	U
Chloromethane	5	120	U	120	U	120	U	120	U	230	U	2.3	U	12	U	180	U	2.3	U
cis-1,2-Dichloroethene	5	180	J	200	J	130	J	140	J	180	U	110		160		140	U	1.8	U
cis-1,3-Dichloropropene	0.4	70	U	70	U	70	U	70	U	140	U	1.4	U	7.0	U	110	U	1.4	U
Ethylbenzene	5	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U	130	U	1.6	U
Methylene chloride	5	65	U	65	U	65	U	120	J	130	U	1.3	U	6.5	U	100	U	1.3	U
Styrene	5	85	U	85	U	85	U	85	U	170	U	1.7	U	8.5	U	140	U	1.7	U
Tetrachloroethene	5	6,200		5,700		7,000		7,400		12,000		24,000	D	9,300	D	9,600		780	D
Toluene	5	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U	130	U	2.3	J
trans-1,2-Dichloroethene	5	95	U	95	U	95	U	95	U	190	U	1.9	U	9.5	U	150	U	1.9	U
trans-1,3-Dichloropropene	0.4	80	U	80	U	80	U	80	U	160	U	1.6	U	8.0	U	130	U	1.6	U
Trichloroethene	5	270	J	280	J	200	J	210	J	210	J	730	D	620		710	J	51	
Vinyl chloride	2	120	U	120	U	120	U	120	U	230	U	2.3	U	12	U	180	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	41	U	41	U	41	U	82	U	0.82	U	4.1	U	65	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2012						2011						2010					
Sample Location:		FSMW-2A Jul-12		FSMW-2A Apr-12		FSMW-2A - Duplicate Apr-12		FSMW-2A Dec-11		FSMW-2A Jul-11		FSMW-2A Mar-11		FSMW-2A Dec-10		FSMW-2A Sep-10		FSMW-2A Jun-10	
Sample Date:		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)	
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	1.0	U	0.27	J	0.20	U	0.17	J	0.10	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	UJ	1.5	U	1.5	U	1.5	UJ	1.0	UJ	0.20	UJ	0.20	U	0.10	U	0.10	U*
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	UJ	1.0	U	0.20	U	0.20	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	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Acetone	50	1.9	UJ	1.9	U	1.9	U	1.9	UJ	4.1	UJ	0.65	UJ	1.4	JB*	0.55	J	0.10	U*
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	UJ	4.3	UJ	4.3	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	2.1	U	2.1	U	1.0	U	1.4	U	0.20	JB	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.23	J	0.10	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	1.0	U	0.20	UJ	0.20	U	0.10	U	0.10	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	1.0	UJ	0.20	U	0.20	U	0.10	U*	0.10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	21	J	150		73		70		0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	32	U	2.2	U	4.3	JB	0.19	JB	0.27	JB
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Tetrachloroethene	5	2.3	J	26		28		14	U	13,000	D	13,000	D	2,500		14,000	B	700	
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.18	J	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.3	J	2.8	J	0.76	J	1.5	J	0.10	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	2.7	U	3.0	U	1.9	U	390		600	D	150		350	J	10	
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	1.0	U	0.20	U	0.20	U	0.10	U*	0.10	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	0.82	U	0.82	U	0.82	U	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	2010		2009										2008									
		FSMW-2A Mar-10 60-70 feet bgs (µg/L)		FSMW-2A Dec-09 60-70 feet bgs (µg/L)		FSMW-2A Sep-09 60-70 feet bgs (µg/L)		FSMW-2A Jun-09 60-70 feet bgs (µg/L)		FSMW-2A Mar-09 60-70 feet bgs (µg/L)		FSMW-2A Dec-08 60-70 feet bgs (µg/L)		FSMW-2A Sep-08 60-70 feet bgs (µg/L)		FSMW-2A Jun-08 60-70 feet bgs (µg/L)		FSMW-2A Mar-08 60-70 feet bgs (µg/L)					
Analyte																							
1,1,1-Trichloroethane	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
1,1,2,2-Tetrachloroethane	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
1,1,2-Trichloroethane	1	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
1,1-Dichloroethane	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
1,1-Dichloroethene	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
1,2-Dichloroethane	0.6	1.0	U	2.5	U	5		8.9	J	100	U	10	U	0.50	U	1.0	U	10	U				
1,2-Dichloropropane	1	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
2-Butanone (MEK)	50	1.0	U*	2.5	U*	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
2-Hexanone	50	1.0	U	2.5	U*	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	2.5	U	5	U	5	U	100	U	10	U*	0.50	U	1.0	U	10	U				
Acetone	50	7.10	JB*	7.1	JB*	5	U	120	JB	10	JB	10	U	0.50	U	1.0	U	10	U				
Benzene	1	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Bromodichloromethane	50	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Bromoform	50	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Bromomethane	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Carbon disulfide	60	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Carbon tetrachloride	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Chlorobenzene	5	1.0	U	2.5	U	5	U	5	U	1.8	J	10	U	0.50	U	1.0	U	10	U				
Chlorobromomethane	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Chloroethane	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Chloroform	7	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Chloromethane	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
cis-1,2-Dichloroethene	5	56.00	J	16	J	13		5	U	8.1	J	10	U	3.5	J	16	J	11	J				
cis-1,3-Dichloropropene	0.4	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Ethylbenzene	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Methylene chloride	5	9.0	JB	14.0	JB	110	JB	74	JB	10	JB	110	JB	21	JB	10	JB	10	U				
Styrene	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Tetrachloroethene	5	14,000		2,900		7,700		7,600		8,900		8,600		4,900		12,000		12,000					
Toluene	5	1.0	U	2.5	U	5		5	U	100	U	10	U	0.50	U	1.0	U	10	U				
trans-1,2-Dichloroethene	5	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
trans-1,3-Dichloropropene	0.4	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U				
Trichloroethene	5	440		76	J	230		190	J	180		190	J	160		310		330					
Vinyl chloride	2	1.0	U	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	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	2.5	U	5	U	5	U	100	U	10	U	0.50	U	1.0	U	10	U	5	U				

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007												2006				2019	
		FSMW-2A Dec-07 60-70 feet bgs (µg/L)		FSMW-2A Aug-07 60-70 feet bgs (µg/L)		FSMW-2A May-07 60-70 feet bgs (µg/L)		FSMW-2A May-07 60-70 feet bgs (µg/L)		FSMW-2A - Duplicate May-07 60-70 feet bgs (µg/L)		FSMW-2A Feb-07 60-70 feet bgs (µg/L)		FSMW-2A Nov-06 60-70 feet bgs (µg/L)		FSMW-2A Aug-06 60-70 feet bgs (µg/L)		FSMW-2B Dec-19 114-124 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.24	U
1,1,2,2-Tetrachloroethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.37	U
1,1,2-Trichloroethane	1	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.43	U
1,1-Dichloroethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.26	U
1,1-Dichloroethene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.26	U
1,2-Dichloroethane	0.6	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.43	U
1,2-Dichloropropane	1	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.35	U
2-Butanone (MEK)	50	10	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	1.9	U
2-Hexanone	50	10	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	1.3	U
Acetone	50	10	U	0.10	UJ	0.10	U	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U	4.4	U
Benzene	1	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.2	U
Bromodichloromethane	50	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.34	U
Bromoform	50	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.54	UJ
Bromomethane	5	5	UJ	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.55	U
Carbon disulfide	60	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.82	U
Carbon tetrachloride	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.21	UJ
Chlorobenzene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	0.8	J	200	U	0.38	U
Chlorobromomethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.41	U
Chloroethane	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.32	U
Chloroform	7	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.33	U
Chloromethane	5	5	U	0.10	U	0.10	U	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U	0.4	U
cis-1,2-Dichloroethene	5	27		3.9	J	3.9	J	1,000	U	1,000	U	4.8	J	4	J	200	U	0.22	U
cis-1,3-Dichloropropene	0.4	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.22	U
Ethylbenzene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.3	U
Methylene chloride	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.32	U
Styrene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.42	U
Tetrachloroethene	5	9,300		3,800		3,800	B	11,000		11,000		3,800		4,100	J	2,500		3	
Toluene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.38	U
trans-1,2-Dichloroethene	5	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	1	J	200	U	0.24	U
trans-1,3-Dichloropropene	0.4	5	U	0.10	U	0.10	U	1,000	U	1,000	U	200	U	10	UJ	200	U	0.49	U
Trichloroethene	5	410	J	120		100	J	230	J	220	J	96	J	140	J	53	J	0.31	U
Vinyl chloride	2	5	U	0.10	U	0.10	U	1,000	UJ	1,000	UJ	200	U	10	UJ	200	U	0.17	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	1000.00	U	1,000	U	200	U	10	UJ	200	U	0.82	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2019						2018						2017			
Sample Location:		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B	
Sample Date:		Sep-19		Jun-19		Mar-19		Dec-18		Sep-18		Jun-18		Mar-18		Dec-17	
Screen Interval: Units:		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 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	0.10	U	0.10	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	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.12	U	0.12	U	0.12	U	0.12	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.10	U	0.10	U
2-Butanone (MEK)	50	8.6	J+	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
2-Hexanone	50	1.1	U	1.1	U	2.9	U	2.9	U	2.9	U	2.9	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	2.7	U	2.7	U	2.7	U	2.7	U	0.10	U	0.10	U
Acetone	50	4.4	U	4.4	U	5	U	5	U	5	U	5	U	0.10	U	0.10	U
Benzene	1	0.2	U	0.2	U	0.43	U	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.10	U	0.10	U
Bromoform	50	0.54	UJ	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.10	U	0.10	U
Bromomethane	5	0.55	U	0.55	U	1	U	1	U	1	U	1	U	0.10	U	0.10	U
Carbon disulfide	60	0.82	U	0.82	U	0.16	U	0.16	U	0.16	U	0.16	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	UJ	0.41	U	0.41	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.10	U	0.10	U
Chloromethane	5	0.4	U	0.4	U	0.14	U	0.14	UJ	0.14	UJ	0.14	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.46	U	0.46	U	0.46	U	0.46	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.10	U	0.10	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.10	U	0.10	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.10	U	0.10	U
Tetrachloroethene	5	1.7		1.2		1.3		0.86	J	0.62	J+	0.71	J	1.1	J	1.5	J
Toluene	5	0.38	U	0.4	J	0.38	U	0.38	U	0.38	U	0.38	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.10	U	0.10	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	0.10	U	0.10	U
Trichloroethene	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.10	U	0.30	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		0.3	U	NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		0.36	U	NA		NA	
Total Xylenes	5	0.65	U	0.65	U	0.3	U	0.65	U	0.65	U	NA		0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2017				2016								2015					
Sample Location:		FSMW-2B Jun-17 114-124 feet bgs (µg/L)		FSMW-2B Mar-17 114-124 feet bgs (µg/L)		FSMW-2B Dec-16 114-124 feet bgs (µg/L)		FSMW-2B Sep-16 114-124 feet bgs (µg/L)		FSMW-2B Jun-16 114-124 feet bgs (µg/L)		FSMW-2B Apr-16 114-124 feet bgs (µg/L)		FSMW-2B Dec-15 114-124 feet bgs (µg/L)		FSMW-2B Oct-15 114-124 feet bgs (µg/L)		FSMW-2B Jul-15 114-124 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
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	2.10	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	1.50	U	1.5	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	1.90	U	1.9	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	1.70	U	1.7	U
1,1-Dichloroethene	5	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.50	U	2.5	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	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	0.10	U	0.10	U	1.70	U	1.7	U
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	1.50	U	1.5	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	1.80	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	0.10	U	0.10	U	1.70	U	1.7	U
Acetone	50	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	UJ	1.90	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.33	J	0.43	J	0.10	U	0.10	U	0.37	J	1.60	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.50	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U
Bromomethane	5	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	UJ	4.30	U	4.3	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	2.10	U	2.1	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	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.50	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.90	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	2.30	U	2.3	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	1.80	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	0.10	U	0.10	U	1.40	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	1.30	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U
Tetrachloroethene	5	1.7	J	1.3	J	1.4	J	1.2	J	2.1	J	2.5	J	3.0		3.6	J	5.8	J
Toluene	5	0.10	U	0.10	U	0.39	J	0.10	U	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	1.90	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	0.10	U	0.10	U	1.60	U	1.6	U
Trichloroethene	5	0.10	U	0.21	J	0.18	J	0.10	U	0.16	J	0.10	U	0.20	J	1.90	U	1.9	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	2.30	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	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.82	U	0.94	J

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2015		2014						2013				2012			
Sample Location:		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B - Duplicate		FSMW-2B		FSMW-2B	
Sample Date:		Mar-15		Dec-14		Sep-14		Jun-14		Mar-14		Oct-13		Jul-13		Nov-12	
Screen Interval: Units:		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	2.10	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	0.10	U	1.50	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	1.90	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	UJ	1.70	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	2.50	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	UJ
1,2-Dichloroethane	0.6	0.10	UJ	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	0.10	U	1.70	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	1.50	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	1.80	UJ	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	1.70	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	1.90	UJ	1.9	U	1.9	U	1.9	U	2.1	UJ	1.9	U	1.9	U
Benzene	1	1.0		1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	1.50	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Bromomethane	5	0.10	U	4.30	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	UJ
Carbon disulfide	60	0.10	U	2.10	U	2.1	U	2.1	U	2.1	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	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	1.60	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	1.70	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	2.50	U	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U
Chloroform	7	0.10	U	1.90	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	2.30	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.11	J	1.80	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	0.10	U	1.40	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	1.60	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	1.30	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	1.70	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	5.4		4.0	J	4.2	J	5.1	J	6.1	J	3.5	U	3.7	U	4.2	J
Toluene	5	0.10	U	1.60	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	1.90	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	0.10	U	1.60	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.19	J	1.90	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	2.30	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2012						2011						2010					
Sample Location:		FSMW-2B Jul-12		FSMW-2B Apr-12		FSMW-2B Dec-11		FSMW-2B Jul-11		FSMW-2B Mar-11		FSMW-2B Dec-10		FSMW-2B Sep-10		FSMW-2B - Duplicate Sep-10		FSMW-2B Mar-10	
Sample Date:		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		114-124 feet bgs	
Screen Interval: Units:		(µg/L)		(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	0.10	U	0.10	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	0.10	U	0.10	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	0.10	U	0.10	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	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	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	0.83	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	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	UJ	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	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	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	UJ	1.9	U	1.9	UJ	0.72	UJ	0.26	UJ	1.1	JB*	0.84	J	0.77	J	0.46	JB*
Benzene	1	1.6	U	1.6	U	1.6	U	0.96	J	1.2	J	2.2	J	2.3	J	2.4	J	1.3	J
Bromodichloromethane	50	1.5	U	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	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	U	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	2.1	U	0.10	U	0.31	U	0.10	U	0.10	U	0.10	U	0.20	JB
Carbon tetrachloride	5	2.0	U	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	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	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	2.5	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	1.9	U	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	2.3	U	0.10	U	0.10	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	0.10	U	0.10	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	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	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	1.3	U	0.41	U	0.34	U	0.51	JB	0.19	JB	0.19	JB	0.40	JB
Styrene	5	1.7	U	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	2.8	J	4.7	J	12	U	3.9	J	13		2.3	J	37		5.5	J	4.0	J
Toluene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.11	J	0.94	J	0.10	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	0.10	U	0.10	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	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.21	J	0.10	U	0.33	J	0.10	U	0.10	U
Vinyl chloride	2	2.3	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.20	J	0.29	J	1.4	J	0.79	J	0.78	J	0.68	J	0.30	J

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009								2008									
Sample Location:		FSMW-2B Dec-09 114-124 feet bgs (µg/L)		FSMW-2B Sep-09 114-124 feet bgs (µg/L)		FSMW-2B Jun-09 114-124 feet bgs (µg/L)		FSMW-2B Mar-09 114-124 feet bgs (µg/L)		FSMW-2B Dec-08 114-124 feet bgs (µg/L)		FSMW-2B Sep-08 114-124 feet bgs (µg/L)		FSMW-2B Jun-08 114-124 feet bgs (µg/L)		FSMW-2B Mar-08 114-124 feet bgs (µg/L)		FSMW-2B - Duplicate Mar-08 114-124 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	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	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	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	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	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	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	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	10		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	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	10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.1	JB*	0.4	JB	0.45	JB	10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Benzene	1	0.43	J	0.10	U	0.10	U	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	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	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	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	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	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	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	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	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.12	J	0.10	U	0.10	U	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	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	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.51	JB	0.38	JB	0.39	JB	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	3.2	J	2.7	J	4.4	J	5.1		9.0	J	3.9	J	4.7	J	5.1		4.4	J
Toluene	5	0.10	U	0.10	U	0.10	U	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	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	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	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	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007								2006				2019		2018		2016	
Sample Location:		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-3A		FSMW-3A		FSMW-3A	
Sample Date:		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Aug-06		Jun-19		Mar-18		Dec-16	
Screen Interval: Units:		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		114-124 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.24	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.37	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.43	U	0.10	U	0.10	U
1,1-Dichloroethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.26	U	0.10	U	0.10	U
1,1-Dichloroethene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.26	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	5	U	0.10	U	10	U	10	U	10	UJ	10	UJ	0.43	U	0.10	U	0.10	U
1,2-Dichloropropane	1	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.35	U	0.10	U	0.10	U
2-Butanone (MEK)	50	10	U	0.10	U	10	U	10	U	10	UJ	10	UJ	1.9	U	0.10	U	0.10	UJ
2-Hexanone	50	10	U	0.10	U	10	U	10	U	10	UJ	10	U	1.1	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	10	U	10	U	10	UJ	10	U	1.3	U	0.10	U	0.10	U
Acetone	50	10	U	0.10	UJ	10	UJ	10	U	10	UJ	10	U	4.4	U	0.10	U	0.10	UJ
Benzene	1	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.2	U	0.10	U	0.10	U
Bromodichloromethane	50	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.34	U	0.10	U	0.10	U
Bromoform	50	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.54	U	0.10	U	0.10	U
Bromomethane	5	5	UJ	0.10	U	10	U	10	U	10	UJ	10	U	0.55	U	0.10	U	0.10	U
Carbon disulfide	60	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.82	U	0.10	U	0.10	U
Carbon tetrachloride	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.21	U	0.10	U	0.10	U
Chlorobenzene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.38	U	0.10	U	0.10	U
Chlorobromomethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.41	U	0.10	U	0.10	U
Chloroethane	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.32	U	0.10	U	0.10	U
Chloroform	7	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.83	J	0.10	U	0.10	U
Chloromethane	5	5	U	0.10	U	10	UJ	10	U	10	UJ	10	U	0.4	U	0.35	J	0.10	UJ
cis-1,2-Dichloroethene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	120		22		0.75	J
cis-1,3-Dichloropropene	0.4	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.22	U	0.10	U	0.10	U
Ethylbenzene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.3	U	0.10	U	0.10	U
Methylene chloride	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.32	U	0.10	U	0.10	U
Styrene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.42	U	0.10	U	0.10	U
Tetrachloroethene	5	13		2.1	J	2.0	J	4.6	J	3	J	10	U	210		32		3.5	J
Toluene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.38	U	0.75	J	6.4	J
trans-1,2-Dichloroethene	5	5	U	0.10	U	7.0		10.0	U	10	UJ	10	U	5.1		0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	5	U	0.10	U	10	U	10	U	10	UJ	10	U	0.49	U	0.10	U	0.10	U
Trichloroethene	5	5	U	0.10	U	10	U	10	U	10	UJ	10	U	68		17		0.71	J
Vinyl chloride	2	5	U	0.10	U	10	UJ	10	U	10	UJ	10	U	0.17	U	0.10	U	0.10	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	10	U	10	U	10	UJ	10	U	0.82	U	0.65	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2015		2014		2013		2012		2010		2009		2008		2007		2006	
Sample Location:	NYSDEC	FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A	
Sample Date:	Class GA GW	Sep-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval:	Standard ¹	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		60-70 feet bgs	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	2.10	U	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	1.50	U	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	1.90	U	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	1.70	U	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	2.50	U	2.5	U	2.5	U	2.5	U	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	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1,2-Dichloropropane	1	1.70	U	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	1.50	U	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	1.80	U	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	1.70	U	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	1.90	U	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	1.60	U	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	1.50	U	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	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Bromomethane	5	4.30	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Carbon disulfide	60	2.10	U	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	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Chlorobenzene	5	1.60	U	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	1.70	U	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	2.50	U	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	1.90	U	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	2.30	U	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	1.8	U	0.24	J	0.21	J	1.1	J	12		200	U
cis-1,3-Dichloropropene	0.4	1.40	U	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	1.60	U	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	1.30	U	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	1.70	U	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	3.9	J	2.1	U	2.1	U	5.4	J	25		46		210		2,900		2,600	
Toluene	5	1.6	U	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	1.90	U	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	1.60	U	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	1.9	U	2.1	J	1.1	J	4.6	J	100		81	J
Vinyl chloride	2	2.30	U	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		NA	
o-Xylene	5	NA		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	200	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2019		2018		2016		2015		2014		2013		2010		2009		2008	
Sample Location:		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B		FSMW-3B	
Sample Date:		Jun-19		Mar-18		Dec-16		Sep-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08	
Screen Interval:		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		135-145 feet bgs	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	0.24	U	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	0.37	U	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	0.43	U	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	0.26	U	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	0.26	U	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	0.43	U	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	0.35	U	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	1.9	U	0.10	U	0.10	U	1.50	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U
2-Hexanone	50	1.1	U	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	1.3	U	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	4.4	U	2.2	U	0.10	U	1.90	U	1.9	U	1.9	U	1.1	J	0.10	U*	0.10	U
Benzene	1	0.2	U	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	0.34	U	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	0.54	U	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	0.55	U	0.10	U	0.10	U	4.30	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.82	U	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	0.21	U	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	0.38	U	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	0.41	U	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	0.32	U	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	0.33	U	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	0.4	U	0.10	U	0.10	U	2.30	U	2.3	U	2.3	U	0.18	J*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.22	U	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	0.22	U	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	0.3	U	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	0.32	U	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	0.42	U	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	0.25	U	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	0.38	U	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	0.24	U	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	0.49	U	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	0.31	U	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	0.17	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.65	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2008		2007		2006		2019										2018	
Sample Location:		FSMW-3B - Duplicate		FSMW-3B		FSMW-3B		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A	
Sample Date:		Sep-08		Aug-07		Aug-06		Dec-19		Sep-19		Jun-19		Mar-19		Mar-19		Dec-18	
Screen Interval: Units:		135-145 feet bgs (µg/L)		135-145 feet bgs (µg/L)		135-145 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (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	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	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	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	0.26	U	0.26	U
1,1-Dichloroethene	5	0.10	U	0.10	U	10	U	0.26	U	0.26	U	0.26	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	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	0.35	U	0.35	U
2-Butanone (MEK)	50	0.10	U	0.10	U	10	U	1.9	U	10	J+	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U	0.10	U	10	U	1.1	U	1.1	U	1.1	U	2.9	U	2.9	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U	1.3	U	1.3	U	1.3	U	2.7	U	2.7	U	2.7	U
Acetone	50	0.10	U*	0.10	U	10	U	4.4	U	5.4		8.9		5	U	5	U	5	U
Benzene	1	0.10	U	0.10	U	10	U	0.2	U	0.2	U	0.2	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	0.34	U	0.34	U
Bromoform	50	0.10	U	0.10	U	10	U	0.54	UJ	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	0.10	U	10	UJ	0.55	U	0.55	U	0.55	U	1	U	1	U	1	U
Carbon disulfide	60	0.10	U	0.10	U	10	U	0.82	U	0.82	U	0.82	U	0.16	U	0.16	U	0.16	U
Carbon tetrachloride	5	0.10	U	0.10	U	10	UJ	0.21	UJ	0.21	U	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	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	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	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	0.33	U	0.33	U
Chloromethane	5	0.10	U	0.10	U	10	U	0.4	U	0.4	U	0.4	U	0.14	U	0.14	U	0.14	UJ
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	0.22	U	0.51	J	0.31	J	0.22	U	0.22	U	0.66	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.22	U	0.22	U	0.22	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	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	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	0.42	U	0.42	U
Tetrachloroethene	5	0.10	U	3.80	J	10	U	25		28		32	J-	54		53		20	
Toluene	5	0.10	U	0.10	U	10	U	0.38	U	0.38	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	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	0.49	U	0.49	U
Trichloroethene	5	0.54	J	0.10	U	10	U	0.46	J	0.46	J	0.33	J	0.36	J	0.4	J	0.31	U
Vinyl chloride	2	0.10	U	0.10	U	10	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	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	10.00	U	82	U	0.65	U	0.65	U	0.65	U	0.3	U	0.3	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018										2017							
		FSMW-4A - Duplicate Dec-18 60-70 feet bgs (µg/L)		FSMW-4A Sep-18 60-70 feet bgs (µg/L)		FSMW-4A Jun-18 60-70 feet bgs (µg/L)		FSMW-4A Mar-18 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Mar-18 60-70 feet bgs (µg/L)		FSMW-4A Dec-17 60-70 feet bgs (µg/L)		FSMW-4A Sep-17 60-70 feet bgs (µg/L)		FSMW-4A Jun-17 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Jun-17 60-70 feet bgs (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	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	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	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	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	U	0.10	U	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	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	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	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	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	0.10	U
Acetone	50	5	U	5	U	5	U	0.10	U	1.70	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	0.10	U
Bromodichloromethane	50	0.34	U	0.34	U	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	U	0.54	U	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	1	U	0.10	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	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	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	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	0.10	U
Chloroethane	5	0.32	U	0.32	U	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	U	0.33	U	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	0.14	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.66	J	0.4	J	3.7		0.10	U	0.10	U	0.57	J	0.57	J	5.6	J	5.6	J
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	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	0.10	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.10	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	0.10	U
Tetrachloroethene	5	20		51		57		54		49		48		81		52		49	
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	0.16	J
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	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	0.10	U
Trichloroethene	5	0.31	U	0.49	J	0.92	J	0.62	J	0.73	J	0.44	J	5.3	J	5.9	J	6.0	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.10	U	0.10	U	0.10	J	0.10	J	1.1	J	1.1	J
m+p Xylene	5	NA		NA		0.3	U	NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		0.36	U	NA		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	U	0.10	UJ	0.10	UJ

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2017				2016													
Sample Location:		FSMW-4A Mar-17 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Mar-17 60-70 feet bgs (µg/L)		FSMW-4A Dec-16 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Dec-16 60-70 feet bgs (µg/L)		FSMW-4A Sep-16 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Sep-16 60-70 feet bgs (µg/L)		FSMW-4A Jun-16 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Jun-16 60-70 feet bgs (µg/L)		FSMW-4A Apr-16 60-70 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
1,2-Dichloroethane	0.6	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Acetone	50	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.50	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	UJ	0.20	UJ	0.20	U	0.20	U	0.50	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Chloromethane	5	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
cis-1,2-Dichloroethene	5	4.4	J	4.1	J	9.4	J	9.8	J	14	J	14	J	15	J	14	J	19	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Tetrachloroethene	5	69		68		94		97		200		200		300		310		580	
Toluene	5	0.10	U	0.10	U	0.76	J	0.96	J	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.24	J	0.22	J	0.20	U	0.20	U	0.69	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U
Trichloroethene	5	0.60	J	0.57	J	4.8	J	5.0	J	9.5	J	9.5	J	10	J	9.8	J	12	J
Vinyl chloride	2	1.30	J	1.10	J	0.10	U	0.10	U	0.93	J	0.97	J	0.20	U	0.20	U	0.50	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	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2015																2014	
Sample Location:		FSMW-4A Dec-15 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Dec-15 60-70 feet bgs (µg/L)		FSMW-4A Sep-15 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Sep-15 60-70 feet bgs (µg/L)		FSMW-4A Jul-15 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Jul-15 60-70 feet bgs (µg/L)		FSMW-4A Mar-15 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Mar-15 60-70 feet bgs (µg/L)		FSMW-4A Dec-14 60-70 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	420	U	420	U	210	U	210	U	10	U	10	U	110	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	300	U	300	U	150	U	150	U	10	U	10	U	75	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	380	U	380	U	190	U	190	U	10	U	10	U	95	U
1,1-Dichloroethane	5	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	UJ	10	U	85	U
1,1-Dichloroethene	5	0.10	U	0.10	U	500	U	500	U	250	U	250	U	10	U	10	UJ	130	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	170	U	170	U	83	U	83	U	10	UJ	10	U	42	U
1,2-Dichloropropane	1	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	UJ	85	U
2-Butanone (MEK)	50	0.10	U	0.10	U	300	U	300	U	150	U	150	U	10	U	10	U	75	UJ
2-Hexanone	50	0.10	U	0.10	U	360	U	360	U	180	U	180	U	10	U	10	U	90	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	U	85	U
Acetone	50	0.10	UJ	0.10	UJ	380	U	380	U	190	U	190	U	10	U	10	U	95	UJ
Benzene	1	0.10	U	0.10	U	320	U	320	U	160	U	160	U	10	U	10	U	80	U
Bromodichloromethane	50	0.10	U	0.10	U	300	U	300	U	150	U	150	U	10	U	10	U	75	U
Bromoform	50	0.10	U	0.10	U	1000	U	1000	U	500	U	500	U	10	U	10	U	250	U
Bromomethane	5	0.10	U	0.10	U	860	U	860	U	430	U	430	U	10	U	10	U	220	U
Carbon disulfide	60	0.10	U	0.10	U	420	U	420	U	210	U	210	U	10	U	10	U	110	U
Carbon tetrachloride	5	0.10	U	0.10	U	400	U	400	U	200	U	200	U	10	U	10	U	100	U
Chlorobenzene	5	1.70		1.70		320	U	320	U	160	U	160	U	10	U	10	U	80	U
Chlorobromomethane	5	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	U	85	U
Chloroethane	5	0.10	U	0.10	U	500	U	500	U	250	U	250	U	10	U	10	U	130	U
Chloroform	7	0.10	U	0.10	U	380	U	380	U	190	U	190	U	10	U	10	U	95	U
Chloromethane	5	0.10	U	0.10	U	460	U	460	U	230	U	230	U	10	U	10	U	120	U
cis-1,2-Dichloroethene	5	80		87		360	U	360	U	460	J	470	J	420		420		110	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	280	U	280	U	140	U	140	U	10	U	10	U	70	U
Ethylbenzene	5	0.10	U	0.10	U	320	U	320	U	160	U	160	U	10	U	10	U	80	U
Methylene chloride	5	0.10	UJ	0.10	UJ	260	U	260	U	130	U	130	U	10	U	10	U	65	U
Styrene	5	0.10	U	0.10	U	340	U	340	U	170	U	170	U	10	U	10	U	85	U
Tetrachloroethene	5	7,800	D	7,600	D	28,000		27,000		31,000	D	31,000	D	19,000		19,000		6,800	
Toluene	5	0.10	U	0.10	U	320	U	320	U	160	U	160	U	10	U	10	U	80	U
trans-1,2-Dichloroethene	5	0.25	J	0.27	J	380	U	380	U	190	U	190	U	10	U	10	U	95	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	320	U	320	U	160	U	160	U	10	U	10	U	80	U
Trichloroethene	5	120		120		560	J	530	J	770	J	760	J	410		370		120	J
Vinyl chloride	2	0.10	U	0.10	U	460	U	460	U	230	U	230	U	10	U	10	U	120	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	160	U	160	U	82	U	10	U	10	U	41	U	41	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014												2013					
Sample Location:		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A	
Sample Date:		Dec-14		Sep-14		Sep-14		Jun-14		Jun-14		Mar-14		Mar-14		Oct-13		Jul-13	
Screen Interval:		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		60-70 feet bgs	
Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		
Analyte																			
1,1,1-Trichloroethane	5	110	U	420	U	210	U	1,100	U	1,100	U	840	U	840	U	840	U	1,100	U
1,1,2,2-Tetrachloroethane	5	75	U	300	U	150	U	750	U	750	U	600	U	600	U	600	U	750	U
1,1,2-Trichloroethane	1	95	U	380	U	190	U	950	U	950	U	760	U	760	U	760	U	950	U
1,1-Dichloroethane	5	85	U	340	U	170	U	850	U	850	U	680	U	680	U	680	U	850	U
1,1-Dichloroethene	5	130	U	500	U	250	U	1,300	U	1,300	U	1,000	U	1,000	U	1,000	U	1,300	U
1,2-Dichloroethane	0.6	42	U	170	U	83	U	420	U	420	U	330	U	330	U	330	U	420	U
1,2-Dichloropropane	1	85	U	340	U	170	U	850	U	850	U	680	U	680	U	680	U	850	U
2-Butanone (MEK)	50	75	UJ	300	U	150	U	750	U	750	U	600	U	600	U	600	U	750	U
2-Hexanone	50	90	UJ	360	U	180	U	900	U	900	U	720	U	720	U	720	UJ	900	U
4-Methyl-2-Pentanone (MIBK)	NC	85	U	340	U	170	U	850	U	850	U	680	U	680	U	680	U	850	U
Acetone	50	95	UJ	380	U	190	U	950	U	950	U	760	U	760	U	760	UJ	950	U
Benzene	1	80	U	320	U	160	U	800	U	800	U	640	U	640	U	640	U	800	U
Bromodichloromethane	50	75	U	300	U	150	U	750	U	750	U	600	U	600	U	600	U	750	U
Bromoform	50	250	U	1,000	UJ	500	U	2,500	U	2,500	U	2,000	U	2,000	U	2,000	U	2,500	U
Bromomethane	5	220	U	860	U	430	U	2,200	U	2,200	U	1,700	U	1,700	U	1,700	U	2,200	U
Carbon disulfide	60	110	U	420	U	210	U	1,100	U	1,100	U	840	U	840	U	840	U	1,100	U
Carbon tetrachloride	5	100	U	400	U	200	U	1,000	U	1,000	U	800	U	800	U	800	U	1,000	U
Chlorobenzene	5	80	U	320	U	160	U	800	U	800	U	640	U	640	U	640	U	800	U
Chlorobromomethane	5	85	U	340	U	170	U	850	U	850	U	680	U	680	U	680	U	850	U
Chloroethane	5	130	U	500	U	250	U	1,300	U	1,300	U	1,000	U	1,000	U	1,000	UJ	1,300	U
Chloroform	7	95	U	380	U	190	U	950	U	950	U	760	U	760	U	760	U	950	U
Chloromethane	5	120	U	460	U	230	U	1,200	U	1,200	U	920	U	920	U	920	U	1,200	U
cis-1,2-Dichloroethene	5	110	J	360	U	280	J	900	U	900	U	720	U	720	U	720	U	900	U
cis-1,3-Dichloropropene	0.4	70	U	280	U	140	U	700	U	700	U	560	U	560	U	560	U	700	U
Ethylbenzene	5	80	U	320	U	160	U	800	U	800	U	640	U	640	U	640	U	800	U
Methylene chloride	5	65	U	260	U	130	U	650	U	650	U	520	U	520	U	520	U	650	U
Styrene	5	85	U	340	U	170	U	850	U	850	U	680	U	680	U	680	U	850	U
Tetrachloroethene	5	6,700		27,000		28,000	D	88,000		92,000		76,000	D	76,000	D	51,000		80,000	
Toluene	5	80	U	320	U	160	U	800	U	800	U	640	U	640	U	640	U	800	U
trans-1,2-Dichloroethene	5	95	U	380	U	190	U	950	U	950	U	760	U	760	U	760	U	950	U
trans-1,3-Dichloropropene	0.4	80	U	320	U	160	U	800	U	800	U	640	U	640	U	640	U	800	U
Trichloroethene	5	110	J	650	J	650	J	1,400	J	1,400	J	2,400	J	2,400	J	760	U	950	U
Vinyl chloride	2	120	U	460	U	230	U	1,200	U	1,200	U	920	U	920	U	920	U	1,200	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	160	U	82	U	410	U	410	U	330	U	330	U	330	U	410	U	33	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	2012										2011									
		FSMW-4A Nov-12 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Nov-12 60-70 feet bgs (µg/L)		FSMW-4A Jul-12 60-70 feet bgs (µg/L)		FSMW-4A Apr-12 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Apr-12 60-70 feet bgs (µg/L)		FSMW-4A Dec-11 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Dec-11 60-70 feet bgs (µg/L)		FSMW-4A Jul-11 60-70 feet bgs (µg/L)		FSMW-4A Apr-11 60-70 feet bgs (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	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	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	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	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	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	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	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	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	4.0	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	4.0	U		
Acetone	50	76	UJ	150	UJ	480	UJ	480	U	480	U	1.9	UJ	1.9	UJ	15	UJ	7.1	UJ		
Benzene	1	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	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	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	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	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	31	U		
Carbon tetrachloride	5	80	U	160	U	500	U	500	U	500	U	2.0	U	2.0	U	4.0	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	4.0	UJ		
Chlorobromomethane	5	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	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	4.0	UJ		
Chloroform	7	76	U	150	U	480	U	480	U	480	U	1.9	U	1.9	U	4.0	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	4.0	U		
cis-1,2-Dichloroethene	5	170	J	170	J	450	U	450	U	450	U	110		100		130	J	150	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	4.0	U		
Ethylbenzene	5	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	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	71	U		
Styrene	5	68	U	140	U	430	U	430	U	430	U	1.7	U	1.7	U	4.0	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	69,000	D		
Toluene	5	64	U	130	U	400	U	400	U	400	U	1.6	U	1.6	U	4.0	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	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	4.0	U		
Trichloroethene	5	2,100		1,900		1,300	J	1,100	J	970	J	570	D	560	D	1,300		600			
Vinyl chloride	2	92	U	180	U	580	U	580	U	580	U	2.3	U	2.3	U	4.0	U	5.0	J		
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	65	U	200	U	200	U	200	U	0.82	U	0.82	U	4.0	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 ¹ (µg/L)	2011		2010												2009			
		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate	
		Apr-11		Dec-10		Dec-10		Sep-10		Jun-10		Jun-10		Mar-10		Dec-09		Dec-09	
		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	4.0	U	4.0	U	4.0	U	0.36	J	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
1,1,2,2-Tetrachloroethane	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	10.0	U
1,1,2-Trichloroethane	1	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
1,1-Dichloroethane	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	10.0	U
1,1-Dichloroethene	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	10.0	U
1,2-Dichloroethane	0.6	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
1,2-Dichloropropane	1	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
2-Butanone (MEK)	50	4.0	UJ	4.0	U	4.0	U	0.10	U	2.0	U*	2.0	U*	4.0	U*	10.0	U*	10.0	U*
2-Hexanone	50	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U*	2.0	U*	4.0	U	10.0	U*	10.0	U*
4-Methyl-2-Pentanone (MIBK)	NC	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Acetone	50	12	UJ	22	JB*	24	JB*	1.6	J	22	JB*	19	JB*	32	JB*	52	JB*	72	JB*
Benzene	1	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Bromodichloromethane	50	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Bromoform	50	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Bromomethane	5	4.0	U	4.0	U	4.0	U	0.10	U	3.3	J	3.70	J	4.0	U	10	U	10.0	U
Carbon disulfide	60	24	U	4.0	JB	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Carbon tetrachloride	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	10.0	U
Chlorobenzene	5	6.6	J	4.0	U	4.0	U	3.1	J	2.0	U	4.6	J	4.0	U	10	U	10.0	U
Chlorobromomethane	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	10.0	U
Chloroethane	5	4.0	UJ	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Chloroform	7	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Chloromethane	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	10.0	U
cis-1,2-Dichloroethene	5	160	J	36	J	40	J	49		51	J	41	J	110	J	78	J	77	J
cis-1,3-Dichloropropene	0.4	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Ethylbenzene	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	10.0	U
Methylene chloride	5	89	U	100	JB	130	JB	0.23	JB	15	JB	18	JB	40	JB	53	JB	48	JB
Styrene	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	10.0	U
Tetrachloroethene	5	69,000	D	39,000		39,000		38,000	B	24,000		20,000		37,000		9,300		9,100	
Toluene	5	4.0	U	4.0	U	4.0	U	0.24	J	2.0	U	2.2	J	4.0	U	10	U	10.0	U
trans-1,2-Dichloroethene	5	4.0	U	4.0	U	4.0	U	0.31	J	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
trans-1,3-Dichloropropene	0.4	4.0	U	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U
Trichloroethene	5	620		390		390	J	410	J	320		310		560		140	J	130	J
Vinyl chloride	2	8.1	J	5.0	U	4.0	U	3.6	J*	4.3	J	2.6	J	8.7	J	10	U	10.0	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	4.0	U	4.0	U	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009						2008						2007					
Sample Location:		FSMW-4A Sep-09		FSMW-4A Jun-09		FSMW-4A Mar-09		FSMW-4A Dec-08		FSMW-4A Sep-08		FSMW-4A - Duplicate Sep-08		FSMW-4A Jun-08		FSMW-4A Mar-08		FSMW-4A Dec-07	
Sample Date:		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)	
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
1,1,2,2-Tetrachloroethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
1,1,2-Trichloroethane	1	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
1,1-Dichloroethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
1,1-Dichloroethene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
1,2-Dichloroethane	0.6	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
1,2-Dichloropropane	1	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
2-Butanone (MEK)	50	2.5	U*	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	10	U
2-Hexanone	50	2.5	U*	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	2.5	U	50	U	500	U	50	U*	5.0	U	5.0	U	1.0	U	40	U	10	U
Acetone	50	13	JB*	410	JB	10	UJ	50	U	5.0	U	5.0	U	1.0	U	40	U	10	U
Benzene	1	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Bromodichloromethane	50	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Bromoform	50	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Bromomethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	UJ
Carbon disulfide	60	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Carbon tetrachloride	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Chlorobenzene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5.5	
Chlorobromomethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Chloroethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Chloroform	7	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Chloromethane	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
cis-1,2-Dichloroethene	5	150	J	77	J	150	J	230	J	280	J	290	J	92	J	24	J	110	
cis-1,3-Dichloropropene	0.4	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Ethylbenzene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Methylene chloride	5	58	JB	520	JB	500	U	570	JB	240	JB	240	JB	24	JB	40	U	5	U
Styrene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Tetrachloroethene	5	40,000		42,000		61,000		54,000		51,000		51,000		55,000		50,000		48,000	
Toluene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	1.5	J
trans-1,2-Dichloroethene	5	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
trans-1,3-Dichloropropene	0.4	2.5	U	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U
Trichloroethene	5	490		280	J	600		420	J	600		640		260		230	J	600	J
Vinyl chloride	2	6.7	J	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	5	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	50	U	500	U	50	U	5.0	U	5.0	U	1.0	U	40	U	0.53	J	0.58	J

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007						2006				2019							
		FSMW-4A Aug-07 60-70 feet bgs (µg/L)		FSMW-4A May-07 60-70 feet bgs (µg/L)		FSMW-4A Feb-07 60-70 feet bgs (µg/L)		FSMW-4A Nov-06 60-70 feet bgs (µg/L)		FSMW-4A Aug-06 60-70 feet bgs (µg/L)		FSMW-4B Dec-19 137-147 feet bgs (µg/L)		FSMW-4B Sep-19 137-147 feet bgs (µg/L)		FSMW-4B Jun-19 137-147 feet bgs (µg/L)		FSMW-4B - Duplicate Jun-19 137-147 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	2,000	U	2,000	U	5	J	2,000	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	0.10	U	2,000	U	2,000	U	10	U	2,000	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U	2,000	U	2,000	U	10	U	2,000	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	2,000	U	2,000	U	10	U	2,000	U	1.3	U	1.3	U	1.7	J	1.3	U
Acetone	50	0.10	UJ	2,000	U	2,000	U	10	U	2,000	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	1	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.54	UJ	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.55	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	60	0.10	U	2,000	U	2,000	U	10	UJ	2,000	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.21	UJ	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	5.1	J	2,000	U	2,000	U	10		2,000	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.4	U	0.4	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	66	J	2,000	U	2,000	U	71		2,000	U	0.22	U	0.22	U	0.22	U	0.22	U
cis-1,3-Dichloropropene	0.4	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.22	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	0.10	U	2,000	U	2,000	U	0.7	J	2,000	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	46,000		22,000		18,000		79,000		16,000		3		33		7.5		7.8	
Toluene	5	2.0	J	2,000	U	2,000	U	4	J	2,000	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.10	U	2,000	U	2,000	U	0.8	J	2,000	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	720	J	360	J	280	J	1,600	J	420	J	1	1	0.31	U	0.78	J	0.98	J
Vinyl chloride	2	0.10	U	2,000	U	2,000	U	10	U	2,000	U	0.17	U	0.17	U	0.17	U	0.17	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	2,000	U	2,000	U	2.0	J	2,000	U	0.82	U	0.65	U	0.65	U	0.65	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2019		2018						2017					
Sample Location:		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B	
Sample Date:		Mar-19		Dec-18		Oct-18		Jun-18		Mar-18		Dec-17		Sep-17	
Screen Interval: Units:		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)	
Analyte															
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	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	0.37	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.12	U	0.12	U	0.12	U	0.12	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	2.9	U	2.9	U	2.9	U	2.9	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	2.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	5	U	5	U	5	U	5	U	1.5	U	0.10	U	0.10	U
Benzene	1	0.43	U	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	1	U	1	U	1	U	1	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.16	U	0.16	U	0.16	U	0.16	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.14	U	0.14	U	0.14	U	0.14	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.3	J	0.22	U	0.22	U	0.22	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	0.46	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.37	U	0.10	U	0.10	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	12		6.1		3.5		6.8		9.3	J	3.1	J	6.0	J
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.49	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.4		1.5		1.8		1.6		1.40	J	1.10	J	0.97	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		0.3	U	NA		NA		NA	
o-Xylene	5	NA		NA		NA		0.36	U	NA		NA		NA	
Total Xylenes	5	0.3	U	0.65	U	0.65	U	NA		0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2016								2015								2014	
Sample Location:		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B	
Sample Date:		Dec-16		Sep-16		Jun-16		Apr-16		Dec-15		Sep-15		Jul-15		Mar-15		Dec-14	
Screen Interval:		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		137-147 feet bgs	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
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	2.1	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	U	1.5	U
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	1.9	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	1.7	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	2.5	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	0.83	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	1.7	U
2-Butanone (MEK)	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	1.5	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	1.8	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	1.7	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	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	1.6	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	1.5	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	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	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	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	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	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	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	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	0.10	U	0.10	U	1.9	U	1.9	U	0.20	J	1.9	U
Chloromethane	5	0.10	U	0.10	U	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	0.10	U	0.10	U	1.8	U	1.8	U	0.36	J	1.8	U
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	1.4	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	1.6	U
Methylene chloride	5	0.10	U	0.10	U	0.10	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	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
Tetrachloroethene	5	7.2	J	7.8	J	13	J	16	J	13	J	20	J	26	J	20	J	5.9	J
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	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	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	1.6	U
Trichloroethene	5	0.57	J	0.60	J	0.83	J	0.73	J	1.8	J	2.3	J	3.1	J	2.7	J	3.8	J
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	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	0.10	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 ¹ (µg/L)	2014						2013						2012					
		FSMW-4B Sep-14 137-147 feet bgs (µg/L)		FSMW-4B Jun-14 137-147 feet bgs (µg/L)		FSMW-4B Mar-14 137-147 feet bgs (µg/L)		FSMW-4B Oct-13 137-147 feet bgs (µg/L)		FSMW-4B - Duplicate Oct-13 137-147 feet bgs (µg/L)		FSMW-4B Jul-13 137-147 feet bgs (µg/L)		FSMW-4B Nov-12 137-147 feet bgs (µg/L)		FSMW-4B Jul-12 137-147 feet bgs (µg/L)		FSMW-4B Apr-12 137-147 feet bgs (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	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	1.5	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	1.9	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	1.7	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	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	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	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	4.5	J	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	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	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	2.1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	1.7	U
Tetrachloroethene	5	4.5	J	10		17		6.6	J	7.3	J	3.8	J	13		22		14	
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	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	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	1.6	U
Trichloroethene	5	3.3	J	3.9	J	7.9	J	4.6	J	4.9	J	4.1	J	3.1	J	5.5	J	6.6	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	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	0.82	U	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 ¹ (µg/L)	2011										2010							
		FSMW-4B Dec-11 137-147 feet bgs (µg/L)		FSMW-4B - Duplicate Dec-11 137-147 feet bgs (µg/L)		FSMW-4B Jul-11 137-147 feet bgs (µg/L)		FSMW-4B - Duplicate Jul-11 137-147 feet bgs (µg/L)		FSMW-4B Mar-11 137-147 feet bgs (µg/L)		FSMW-4B Dec-10 137-147 feet bgs (µg/L)		FSMW-4B Sep-10 137-147 feet bgs (µg/L)		FSMW-4B Mar-10 137-147 feet bgs (µg/L)		FSMW-4B - Duplicate Mar-10 137-147 feet bgs (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	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	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	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	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	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	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	0.10	U
2-Butanone (MEK)	50	1.5	UJ	1.5	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U*	0.10	U*
2-Hexanone	50	1.8	UJ	1.8	UJ	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	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	UJ	1.9	UJ	0.69	UJ	0.86	UJ	0.24	UJ	0.76	JB*	0.82	J	0.10	U*	0.48	JB*
Benzene	1	1.6	U	1.6	U	0.10	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	0.10	U
Bromoform	50	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*
Carbon disulfide	60	2.1	U	2.1	U	0.10	U	0.10	U	0.19	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.25	J	0.24	J	0.33	J	0.32	J	0.23	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	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	0.10	U
Chloroethane	5	2.5	U	2.5	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.33	J	0.10	U
Chloroform	7	1.9	U	1.9	U	0.19	U	0.19	U	0.15	U	0.14	J	0.10	J	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	0.10	U*	0.10	U*	0.10	U*
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	0.67	J	0.67	J	0.40	J	0.46	J	0.34	J	0.10	U	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	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	0.10	U
Methylene chloride	5	1.3	U	1.3	U	0.45	U	0.46	U	0.28	U	0.43	JB	0.20	JB	0.36	JB	0.38	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	0.10	U
Tetrachloroethene	5	6.4	U	8.1	U	13		12		7.5	J	8.4	J	5.2	J	5.0	J	5.1	J
Toluene	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	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	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	0.10	U
Trichloroethene	5	4.1	J	4.3	J	4.9	J	4.8	J	3.6	J	4.5	J	3.3	J	0.77	J	0.78	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*	0.10	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	0.82	U	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 ¹ (µg/L)	2009										2008							
		FSMW-4B Dec-09 137-147 feet bgs (µg/L)		FSMW-4B Sep-09 137-147 feet bgs (µg/L)		FSMW-4B - Duplicate Sep-09 137-147 feet bgs (µg/L)		FSMW-4B Jun-09 137-147 feet bgs (µg/L)		FSMW-4B Mar-09 137-147 feet bgs (µg/L)		FSMW-4B Dec-08 137-147 feet bgs (µg/L)		FSMW-4B - Duplicate Dec-08 137-147 feet bgs (µg/L)		FSMW-4B Sep-08 137-147 feet bgs (µg/L)		FSMW-4B Jun-08 137-147 feet bgs (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	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	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	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	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	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	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	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	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	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	0.10	U
Acetone	50	0.39	JB*	0.82	JB*	0.93	JB*	1.6	JB	0.45	JB	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	0.10	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	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	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	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	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	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	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	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	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	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	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	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	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	0.10	U
Methylene chloride	5	0.46	JB	0.41	JB	0.39	JB	0.36	JB	0.10	U	0.10	U	0.10	U	0.26	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	0.10	U
Tetrachloroethene	5	10		28		27		19		33	B	63		62		33		14	
Toluene	5	0.10	U	0.10	U	0.13	J	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	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	0.10	U
Trichloroethene	5	0.26	J	0.47	J	0.49	J	0.29	J	0.51	J	0.53	J	0.63	J	0.34	J	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	0.10	U	0.10	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	0.12	J	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2008						2007								2006			
Sample Location:		FSMW-4B - Duplicate Jun-08		FSMW-4B Mar-08		FSMW-4B - Duplicate Mar-08		FSMW-4B Dec-07		FSMW-4B Aug-07		FSMW-4B May-07		FSMW-4B Feb-07		FSMW-4B Nov-06		FSMW-4B Aug-06	
Sample Date:		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		137-147 feet bgs	
Screen Interval:		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	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	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	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	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	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	10	U	10	UJ
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	U	10	U	10	U	10	UJ
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	U	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	10	U	10	U
Acetone	50	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	UJ	10	U	10	UJ	10	U
Benzene	1	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	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	10	U	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	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	10	U	10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ	10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	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	10	U	10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	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	10	U	10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	UJ	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	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	10	U	10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U	10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	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	10	U	10	U
Tetrachloroethene	5	13		50		44		40		25		11		26		28	J	49	
Toluene	5	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	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	13		0.15	J	10	U	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	10	U	10	U
Trichloroethene	5	0.10	U	0.98	J	1.0	J	5	U	0.49	J	10	U	0.7	J	0.8	J	10	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	UJ	10	U	10	U	10	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	5	U	0.10	U	0.10	U	10	U	10	U	10	U	10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2015		2014		2013		2010		2009		2009		2008		2007		2006	
Sample Location:	NYSDEC	FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A - Duplicate		FSMW-5A		FSMW-5A		FSMW-5A	
Sample Date:	Class GA GW	Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval:	Standard ¹	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		60-70 feet bgs	
Units:	(µg/L)	(µg/L)		(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	0.10	U	10	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	0.10	U	10	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	0.10	U	10	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	0.10	U	10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	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	0.83	U	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	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	1.5	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	10	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	0.10	U	10	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	0.10	U	10	U
Acetone	50	1.9	U	1.9	U	4.9	U	1.8	JB	1.4	JB*	1.1	JB*	0.10	U*	0.10	U	10	U
Benzene	1	1.6	U	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	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	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	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Carbon disulfide	60	2.1	U	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	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	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	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	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Chloroform	7	1.9	U	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	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	1.8	U	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	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	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	1.3	U	0.21	JB	0.37	JB	0.43	JB	0.26	JB	0.10	U	10	U
Styrene	5	1.7	U	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	U	4.0	U	0.36	J	0.10	U	0.17	J	0.10	U	0.51	J	10	U
Toluene	5	1.6	U	1.6	U	1.6	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	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	1.6	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	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Vinyl chloride	2	2.3	U	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		NA	
o-Xylene	5	NA		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	10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2015		2014		2013		2010		2009		2008		2007		2006		2019	
Sample Location:	NYSDEC	FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-6A	
Sample Date:	Class GA GW	Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06		Jun-19	
Screen Interval:	Standard ¹	130-140 feet bgs		130-140 feet bgs		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	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
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	10	U	0.24	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	10	U	0.37	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	10	U	0.43	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	10	U	0.26	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.26	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	10	U	0.43	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	10	U	0.35	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	10	U	1.9	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	10	U	1.1	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	10	U	1.3	U
Acetone	50	1.9	U	1.9	U	1.9	U	0.58	J	0.90	JB*	0.10	U	0.10	U	10	U	4.4	U
Benzene	1	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.2	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.34	U
Bromoform	50	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.54	U
Bromomethane	5	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.55	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	10	U	0.82	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	10	U	0.21	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.38	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.41	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.32	U
Chloroform	7	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.33	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U	0.4	UJ
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.22	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	10	U	0.22	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.3	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.17	JB	0.40	JB	0.28	JB	0.10	U	10	U	0.32	U
Styrene	5	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.42	U
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	0.45	J	0.28	J	0.10	U	0.10	U	10	U	0.25	U
Toluene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.38	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	10	U	0.24	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	10	U	0.49	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.31	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	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		NA	
o-Xylene	5	NA		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	10	U	0.82	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018		2016		2015								2014			
Sample Location:		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6A		FSMW-6A	
Sample Date:		Mar-18		Dec-16		Dec-15		Sep-15		Sep-15		Jul-15		Apr-15		Dec-14	
Screen Interval:		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	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	2.1	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	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	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	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	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	0.83	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	1.8	U	0.12	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	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	1.6	U	0.10	U	1.6	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	1.3	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	1.7	U	0.10	U	1.7	U
Tetrachloroethene	5	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	1.8	U	2.1	U
Toluene	5	0.10	U	0.10	U	0.10	U	1.6	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	1.9	U	0.15	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	1.6	U	0.10	U	1.6	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	0.10	U	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	0.10	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	0.82	U	0.82	U	0.10	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014				2013				2012				2011			
Sample Location:		FSMW-6A Jun-14		FSMW-6A Mar-14		FSMW-6A Oct-13		FSMW-6A Jul-13		FSMW-6A Nov-12		FSMW-6A Jul-12		FSMW-6A Apr-12		FSMW-6A Dec-11	
Sample Date:		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	
Screen Interval: Units:		(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	5.8	J	7.8	J	2.1	U	2.1	U	7.3	J	2.1	U	2.4	J	4.9	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	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2011						2010						2009					
Sample Location:		FSMW-6A Jul-11			FSMW-6A Mar-11			FSMW-6A Dec-10			FSMW-6A Sep-10			FSMW-6A Mar-10			FSMW-6A Dec-09		
Sample Date:		56-59 feet bgs			56-59 feet bgs			56-59 feet bgs			56-59 feet bgs			56-59 feet bgs			56-59 feet bgs		
Screen Interval: Units:		(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*		0.10	U*	
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		0.11	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	
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 ¹ (µg/L)	2008										2007							
		FSMW-6A Dec-08 56-59 feet bgs (µg/L)		FSMW-6A Sep-08 56-59 feet bgs (µg/L)		FSMW-6A - Duplicate Sep-08 56-59 feet bgs (µg/L)		FSMW-6A Jun-08 56-59 feet bgs (µg/L)		FSMW-6A - Duplicate Jun-08 56-59 feet bgs (µg/L)		FSMW-6A Dec-07 56-59 feet bgs (µg/L)		FSMW-6A Aug-07 56-59 feet bgs (µg/L)		FSMW-6A May-07 56-59 feet bgs (µg/L)		FSMW-6A Feb-07 56-59 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	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	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	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	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	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	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	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	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	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	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	0.10	U	0.10	U	10	U	0.10	U	10	U	10	U
Benzene	1	0.10	U	0.10	U	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	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	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	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Carbon tetrachloride	5	0.10	U	0.10	U	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	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	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	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	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	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	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	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	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Tetrachloroethene	5	0.10	U	1.1	J	0.61	J	1.9	J	2.0	J	0.67	J	2.6	J	1.3	J	3.9	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U
Vinyl chloride	2	0.10	U	0.10	U	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		NA		NA	
o-Xylene	5	NA		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	10	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2006						2019		2018		2016				2015		2014	
Sample Location:		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B - Duplicate		FSMW-6B		FSMW-6B	
Sample Date:		Nov-06		Nov-06		Aug-06		Jun-19		Mar-18		Dec-16		Dec-16		Sep-15		Sep-14	
Screen Interval: Units:		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	10	UJ	10	UJ	10	U	0.24	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	10	UJ	10	UJ	10	U	0.37	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	10	UJ	10	UJ	10	U	0.43	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U
1,1-Dichloroethane	5	10	UJ	10	UJ	10	U	0.26	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U
1,1-Dichloroethene	5	10	UJ	10	UJ	10	U	0.26	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	10	UJ	10	UJ	10	UJ	0.43	U	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U
1,2-Dichloropropane	1	10	UJ	10	UJ	10	U	0.35	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U
2-Butanone (MEK)	50	10	UJ	10	UJ	10	UJ	1.9	U	0.10	U	0.10	UJ	0.10	UJ	1.5	U	1.5	U
2-Hexanone	50	10	UJ	10	UJ	10	U	1.1	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	10	UJ	10	UJ	10	U	1.3	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U
Acetone	50	10	UJ	10	UJ	10	U	4.4	U	0.10	U	0.10	UJ	0.10	UJ	1.9	U	1.9	U
Benzene	1	10	UJ	10	UJ	10	U	0.2	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U
Bromodichloromethane	50	10	UJ	10	UJ	10	U	0.34	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U
Bromoform	50	10	UJ	10	UJ	10	U	0.54	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U
Bromomethane	5	10	UJ	10	UJ	10	U	0.55	U	0.10	U	0.10	U	0.10	U	4.3	U	4.3	U
Carbon disulfide	60	10	UJ	10	UJ	10	U	0.82	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U
Carbon tetrachloride	5	10	UJ	10	UJ	10	U	0.21	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U
Chlorobenzene	5	10	UJ	10	UJ	10	U	0.38	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U
Chlorobromomethane	5	10	UJ	10	UJ	10	U	0.41	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U
Chloroethane	5	10	UJ	10	UJ	10	U	0.32	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U
Chloroform	7	10	UJ	10	UJ	10	U	0.33	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U
Chloromethane	5	10	UJ	10	UJ	10	U	0.4	UJ	0.10	U	0.10	UJ	0.10	UJ	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	10	UJ	10	UJ	10	U	0.22	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	10	UJ	10	UJ	10	U	0.22	U	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U
Ethylbenzene	5	10	UJ	10	UJ	10	U	0.3	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U
Methylene chloride	5	10	UJ	10	UJ	10	U	0.32	U	0.10	U	0.10	U	0.10	U	1.3	U	1.3	U
Styrene	5	10	UJ	10	UJ	10	U	0.42	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U
Tetrachloroethene	5	10	UJ	10	UJ	10	U	3.8		6.4	J	5.6	J	5.9	J	39		42	
Toluene	5	10	UJ	10	UJ	10	U	0.38	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	10	UJ	10	UJ	10	U	0.24	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	10	UJ	10	UJ	10	U	0.49	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U
Trichloroethene	5	10	UJ	10	UJ	10	U	0.48	J	0.95	J	0.47	J	0.51	J	1.9	U	1.9	U
Vinyl chloride	2	10	UJ	10	UJ	10	U	0.17	U	0.10	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	UJ	10	U	0.82	U	0.65	U	0.10	U	0.10	U	0.10	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2013		2012		2010		2009				2008		2007				2006	
Sample Location:	NYSDEC	FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B - Duplicate		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B	
Sample Date:	Class GA GW	Oct-13		Nov-12		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		May-07		Aug-06	
Screen Interval:	Standard ¹	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		137-147 feet bgs	
Units:	(µg/L)	(µg/L)		(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	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	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	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	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	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	U	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	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	U	10	U
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	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	10	U
Acetone	50	1.9	U	1.9	U	0.91	J	1.5	J*	0.88	J*	0.10	U*	0.10	U	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	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	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	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	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	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	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	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	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	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	10	U
Chloromethane	5	2.3	U	2.3	U	0.18	J*	0.10	U	0.10	U	0.10	U	0.10	U	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	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	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	10	U
Methylene chloride	5	1.3	U	1.3	U	0.30	JB	0.42	JB	0.38	JB	0.51	JB	0.10	U	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	10	U
Tetrachloroethene	5	67		79		110		7.7	J	6.9	J	15		1.2	J	1.8	J	10	U
Toluene	5	1.6	U	1.6	U	0.11	J	0.18	J	0.17	J	0.10	U	0.10	U	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	1.9	J	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	10	U
Trichloroethene	5	1.9	U	2.6	J	3.7	J	1.8	J	1.7	J	1.7	J*	1.2	J	1.7	J	3	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	10	U	10	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	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2015		2014		2013		2010		2009				2008		2007		2006	
Sample Location:	NYSDEC	FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A - Duplicate		FSMW-7A		FSMW-7A		FSMW-7A	
Sample Date:	Class GA GW	Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval:	Standard ¹	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		60-70 feet bgs	
Units:	(µg/L)	(µg/L)		(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	0.10	U	10	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	0.10	U	10	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	0.10	U	10	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	0.10	U	10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	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	0.83	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	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	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	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	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	1.9	U	1.9	U	1.0	JB*	0.74	JB	0.10	U	0.10	U	0.10	U	10	U
Benzene	1	1.6	U	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	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	5.0	U	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	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	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	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	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	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	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	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	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	1.8	U	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	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	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	1.3	U	0.27	JB	0.43	JB	0.39	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	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	U	2.1	U	1.8	JB	0.45	J	0.67	J	0.10	U	0.58	J	10	U
Toluene	5	1.6	U	1.6	U	1.6	U	0.18	J	0.10		0.10	U	0.10	U	0.10	U	10	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	0.10	U	10	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	0.10	U	10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.19	J	0.10	U	0.33	J	10	U
Vinyl chloride	2	2.3	U	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		NA	
o-Xylene	5	NA		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	10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2015		2014				2013		2010				2009		2008			
Sample Location:	NYSDEC	FSMW-7B		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B		FSMW-7B		FSMW-7B - Duplicate	
Sample Date:	Class GA GW	Oct-15		Oct-14		Oct-14		Oct-13		Sep-10		Sep-10		Sep-09		Sep-08		Sep-08	
Screen Interval:	Standard ¹	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		136-146 feet bgs		136-146 feet bgs	
Units:	(µg/L)	(µg/L)		(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	0.23	J	0.23	J	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	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	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	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.14	J	0.10	U	0.15	J	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	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	0.10	U
2-Butanone (MEK)	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	0.10	U
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	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	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	U	1.9	U	1.9	U	0.71	JB*	0.35	JB*	0.10	U	0.10	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	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	0.10	U
Bromoform	50	5.0	U	5.0	UJ	5.0	UJ	5.0	U	0.10	U	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	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	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	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	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	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	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	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	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	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	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	0.10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.23	JB	0.29	JB	0.36	JB	0.10	U	0.44	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	0.10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.1	U	2.1	U	2.3	JB	1.2	J	1.70	J	0.10	U	0.10	U
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.11	J	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	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	0.10	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	0.26	J	0.20	J	0.32	J	0.10	U	0.10	U
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	0.10	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	0.82	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007		2006		2019								2018			
Sample Location:		FSMW-7B		FSMW-7B		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A	
Sample Date:		Aug-07		Aug-06		Dec-19		Sep-19		Jun-19		Jun-19		Mar-19		Dec-18	
Screen Interval: Units:		136-146 feet bgs (µg/L)		136-146 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	10	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	UJ
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	UJ
1,1,2-Trichloroethane	1	0.10	U	10	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	UJ
1,1-Dichloroethane	5	0.10	U	10	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	UJ
1,1-Dichloroethene	5	0.10	U	10	U	0.26	U	0.26	U	0.26	U	0.26	U	0.12	U	0.12	UJ
1,2-Dichloroethane	0.6	0.10	U	10	UJ	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	UJ
1,2-Dichloropropane	1	0.10	U	10	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	UJ
2-Butanone (MEK)	50	0.10	U	10	UJ	1.9	U	13	J+	1.9	U	1.9	U	1.9	U	1.9	UJ
2-Hexanone	50	0.10	U	10	U	1.1	U	1.1	U	1.1	U	1.1	U	2.9	U	2.9	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	1.3	U	1.3	U	1.3	U	1.3	U	2.7	U	2.7	UJ
Acetone	50	0.10	U	10	U	4.4	U	5.4		4.4	U	4.4	U	5	U	5	UJ
Benzene	1	0.10	U	10	U	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U	0.43	UJ
Bromodichloromethane	50	0.10	U	10	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	UJ
Bromoform	50	0.10	U	10	U	0.54	UJ	0.54	U	0.54	U	0.54	U	0.54	U	0.54	UJ
Bromomethane	5	0.10	U	10	U	0.55	U	0.55	U	0.55	U	0.55	U	1	U	1	UJ
Carbon disulfide	60	0.10	U	10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.16	U	0.16	UJ
Carbon tetrachloride	5	0.10	U	10	U	0.21	UJ	0.21	U	0.21	U	0.21	U	0.21	U	0.21	UJ
Chlorobenzene	5	0.10	U	10	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	UJ
Chlorobromomethane	5	0.10	U	10	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	UJ
Chloroethane	5	0.10	U	10	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	UJ
Chloroform	7	0.10	U	10	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	UJ
Chloromethane	5	0.10	U	10	U	0.4	U	0.4	U	0.4	U	0.4	UJ	0.14	U	0.14	UJ
cis-1,2-Dichloroethene	5	0.10	U	10	U	0.22	U	0.22	U	0.22	U	0.22	U	0.3	J	0.41	J
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	0.22	U	0.22	U	0.22	U	0.22	U	0.46	U	0.46	U
Ethylbenzene	5	0.10	U	10	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	UJ
Methylene chloride	5	0.10	U	10	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	UJ
Styrene	5	0.10	U	10	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	UJ
Tetrachloroethene	5	0.38	J	10	U	6.1		8.5		8.6		9.4		7		8.3	15
Toluene	5	0.10	U	10	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	UJ
trans-1,2-Dichloroethene	5	0.10	U	10	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	UJ
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	UJ
Trichloroethene	5	1.1	J	2	J	0.5	J	0.43	J	0.31	U	0.31	U	0.31	U	0.35	J
Vinyl chloride	2	0.10	U	10	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	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	10	U	4.1	U	0.65	U	0.65	U	0.65	U	0.65	U	0.3	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018						2017						2016			
Sample Location:		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A	
Sample Date:		Jun-18		Mar-18		Mar-18		Dec-17		Dec-17		Sep-17		Jun-17		Mar-17	
Screen Interval: Units:		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.24	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	0.37	UJ	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	0.43	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	0.26	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	0.12	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.43	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	0.35	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	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
2-Hexanone	50	2.9	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	2.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	5	U	1.1	U	1.9	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ
Benzene	1	0.43	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U
Carbon disulfide	60	0.16	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	0.21	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.14	U	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	0.53	J	0.10	U	0.10	U	1.6	J	1.5	J	1.3	J	1.7	J	1.7	J
cis-1,3-Dichloropropene	0.4	0.46	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	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	0.32	U	0.39	U	0.45	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.42	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	16		31		30		22		24		13		22		30	
Toluene	5	0.38	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	0.24	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.75	J	1.4	J	1.3	J	1.2	J	1.5	J	0.7	J	0.99	J	1.6	J
Vinyl chloride	2	0.17	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	0.3	U	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	0.36	U	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	NA		0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2016								2015									
Sample Location:		FSMW-8A Sep-16 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Sep-16 64-74 feet bgs (µg/L)		FSMW-8A Jun-16 64-74 feet bgs (µg/L)		FSMW-8A Apr-16 64-74 feet bgs (µg/L)		FSMW-8A Dec-15 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Dec-15 64-74 feet bgs (µg/L)		FSMW-8A Oct-15 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Oct-15 64-74 feet bgs (µg/L)		FSMW-8A Jul-15 64-74 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	11	U	11	U	11	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	9.5	U	9.5	U	9.5	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	13	U	13	U	13	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	4.2	U	4.2	U	4.2	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	9.0	U	9.0	U	9.0	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U
Acetone	50	0.10	UJ	0.10	UJ	0.10	UJ	0.20	U	0.10	UJ	0.10	UJ	9.5	U	9.5	U	9.5	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	25	U	25	U	25	U
Bromomethane	5	0.10	UJ	0.10	UJ	0.10	U	0.20	U	0.10	U	0.10	U	22	U	22	U	22	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	11	U	11	U	11	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	10	U	10	U	10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.20	U	0.27	J	0.26	J	8.0	U	8.0	U	8.0	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	13	U	13	U	13	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	9.5	U	9.5	U	9.5	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	12	U	12	U	12	U
cis-1,2-Dichloroethene	5	5.1	J	5.0	J	14		35		76		76		130		120		120	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	7.0	U	7.0	U	7.0	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	UJ	0.10	UJ	6.5	U	6.5	U	6.5	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U
Tetrachloroethene	5	52		54		120		190		330	D	320	D	360		340		260	
Toluene	5	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.54	J	0.33	J	0.30	J	9.5	U	9.5	U	9.5	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U
Trichloroethene	5	2.7	J	2.6	J	6.8	J	14	J	29		29		38	J	36	J	24	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	12	U	12	U	12	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	0.10	U	0.20	U	0.10	U	0.10	U	4.1	U	4.1	U	4.1	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2015						2014											
Sample Location:		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A	
Sample Date:		Jul-15		Apr-15		Apr-15		Dec-14		Dec-14		Oct-14		Oct-14		Jun-14		Mar-14	
Screen Interval:		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		64-74 feet bgs	
Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		
Analyte																			
1,1,1-Trichloroethane	5	11	U	0.50	U	0.50	U	21	U	21	U	21	U	21	U	21	U	21	U
1,1,2,2-Tetrachloroethane	5	7.5	U	0.50	U	0.50	U	15	U	15	U	15	U	15	U	15	U	15	U
1,1,2-Trichloroethane	1	9.5	U	0.50	U	0.50	U	19	U	19	U	19	U	19	U	19	U	19	U
1,1-Dichloroethane	5	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
1,1-Dichloroethene	5	13	U	0.50	U	0.50	U	25	U	25	U	25	U	25	U	25	U	25	U
1,2-Dichloroethane	0.6	4.2	U	0.50	U	0.50	U	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U
1,2-Dichloropropane	1	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
2-Butanone (MEK)	50	7.5	U	0.50	U	0.50	U	15	U	15	U	15	U	15	U	15	U	15	U
2-Hexanone	50	9.0	U	0.50	U	0.50	U	18	U	18	U	18	U	18	U	18	U	18	U
4-Methyl-2-Pentanone (MIBK)	NC	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
Acetone	50	9.5	U	0.50	U	0.50	U	19	U	19	U	19	U	19	U	19	U	19	U
Benzene	1	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
Bromodichloromethane	50	7.5	U	0.50	U	0.50	U	15	U	15	U	15	U	15	U	15	U	15	U
Bromoform	50	25	U	0.50	U	0.50	U	50	U	50	U	50	U	50	U	50	U	50	U
Bromomethane	5	22	U	0.50	U	0.50	U	43	U	43	U	43	U	43	U	43	U	43	U
Carbon disulfide	60	11	U	0.50	U	0.50	U	21	U	21	U	21	U	21	U	21	U	21	U
Carbon tetrachloride	5	10	U	0.50	U	0.50	U	20	U	20	U	20	U	20	U	20	U	20	U
Chlorobenzene	5	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
Chlorobromomethane	5	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
Chloroethane	5	13	U	0.50	U	0.50	U	25	U	25	U	25	U	25	U	25	U	25	U
Chloroform	7	9.5	U	0.50	U	0.50	U	19	U	19	U	19	U	19	U	19	U	19	U
Chloromethane	5	12	U	0.50	U	0.50	U	23	U	23	U	23	U	23	U	23	U	23	U
cis-1,2-Dichloroethene	5	120		34		30		18	U	18	J	57	J	57	J	180		190	
cis-1,3-Dichloropropene	0.4	7.0	U	0.50	U	0.50	U	14	U	14	U	14	U	14	U	14	U	14	U
Ethylbenzene	5	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
Methylene chloride	5	6.5	U	0.50	U	0.50	U	13	U	13	U	13	U	13	U	13	U	13	U
Styrene	5	8.5	U	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
Tetrachloroethene	5	270		480		490		590		620		1,400	J	1,400		1,900		1,600	
Toluene	5	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
trans-1,2-Dichloroethene	5	9.5	U	0.50	U	0.69	J	19	U	19	U	19	U	19	U	19	U	19	U
trans-1,3-Dichloropropene	0.4	8.0	U	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
Trichloroethene	5	25	J	18		20		19	U	19	J	57	J	55	J	140		140	
Vinyl chloride	2	12	U	0.50	U	0.50	U	23	U	23	U	23	U	23	U	23	U	23	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	0.50	U	0.50	U	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2013						2012						2011			
Sample Location:		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A	
Sample Date:		Mar-14		Oct-13		Jul-13		Nov-12		Jul-12		Jul-12		Apr-12		Dec-11	
Screen Interval:		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	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	21	U	110	U	21	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	15	U	75	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	19	U	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	25	U	130	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	8.3	U	42	U	8.3	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	15	UJ	75	U	15	U	1.5	U	1.5	UJ	1.5	UJ	1.5	U	1.5	UJ
2-Hexanone	50	18	U	90	U	18	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	19	U	95	U	19	U	1.9	U	1.9	UJ	1.9	UJ	1.9	U	1.9	UJ
Benzene	1	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	15	U	75	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	50	U	250	U	50	U	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	43	UJ	220	U	43	U	4.3	U	4.3	U	4.3	U	4.3	UJ	4.3	U
Carbon disulfide	60	21	U	110	U	21	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	20	U	100	U	20	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	25	U	130	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	19	U	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	23	U	120	U	23	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	190		170	J	150		40		28		27		4.9	J	1.8	U
cis-1,3-Dichloropropene	0.4	14	U	70	U	14	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	13	U	65	U	13	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	17	U	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	1,700		9,600		7,200	D	1,000	D	770	D	770	D	84		21	
Toluene	5	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	19	U	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	16	U	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	130		280	J	230		53		45		44		8.9	J	1.9	U
Vinyl chloride	2	23	U	120	U	23	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	41	U	8.2	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2011								2010								2009	
Sample Location:		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A	
Sample Date:		Jul-11		Mar-11		Mar-11		Dec-10		Sep-10		Sep-10		Jun-10		Mar-10		Dec-09	
Screen Interval:		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		64-74 feet bgs	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
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	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	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	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	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	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	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	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	0.10	UJ	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*	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	0.10	U
Acetone	50	0.54	UJ	0.49	UJ	0.24	UJ	0.73	JB*	1.2	J	1.1	J	0.10	U*	0.42	JB*	0.95	JB*
Benzene	1	0.10	U	0.10	U	1.2	J	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	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	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	0.10	U
Carbon disulfide	60	0.10	U	0.26	U	0.25	U	0.10	U	0.10	U	0.10	U	0.10	U	0.12	J	0.12	J
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	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	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	0.10	U
Chloroethane	5	0.10	U	0.10	UJ	0.10	UJ	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	0.10	U
Chloromethane	5	0.10	J	0.10	U	0.10	U	0.10	U	0.28	J*	0.29	J*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.12	J	0.26	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.21	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	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	0.10	U
Methylene chloride	5	0.36	U	0.33	U	0.30	U	0.49	JB*	0.27	JB	0.23	JB	0.25	JB	0.40	JB	0.53	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	0.10	U
Tetrachloroethene	5	13		12		12		12		10		9.9	J	17		23		20	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.15	J	0.12	J	0.10	U	0.19	J	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	0.13	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	0.10	U
Trichloroethene	5	0.48	J	0.16	J	0.13	J	0.49	J	0.34	J	0.38	J	0.64	J	0.82	J	1.1	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*	0.10	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	0.34	J	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 ¹ (µg/L)	2009										2008							
		FSMW-8A - Duplicate Dec-09 64-74 feet bgs (µg/L)		FSMW-8A Sep-09 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Sep-09 64-74 feet bgs (µg/L)		FSMW-8A Jun-09 64-74 feet bgs (µg/L)		FSMW-8A Mar-09 64-74 feet bgs (µg/L)		FSMW-8A Dec-08 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Dec-08 64-74 feet bgs (µg/L)		FSMW-8A Sep-08 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Sep-08 64-74 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	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	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	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	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	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	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	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*	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*	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	10	U	0.10	U*	0.10	U*	0.10	U	0.10	U
Acetone	50	1.2	JB*	0.48	JB*	0.40	JB*	1.0	J*B	10	UJ	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	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	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	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.16	J	0.10	U	0.10	U	0.10	U	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	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	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	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	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	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	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	0.27	J	0.34	J	0.10	U	0.10	U	0.1	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.54	JB	0.43	JB	0.43	JB	0.40	JB	10	U	0.10	U	0.10	U	0.37	JB	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	20		20		20		39		29		63		62		77		75	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.16	J	0.10	U	0.10	U	0.13	J	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	10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.98	J	0.93	J	0.89	J	1.7	J	1.3	J	2.3	J	2.3	J	3.6	J	3.7	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2008						2007						2006					
Sample Location:		FSMW-8A Jun-08		FSMW-8A Mar-08		FSMW-8A Dec-07		FSMW-8A - Duplicate Dec-07		FSMW-8A Aug-07		FSMW-8A May-07		FSMW-8A Feb-07		FSMW-8A Nov-06		FSMW-8A Aug-06	
Sample Date:		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)		64-74 feet bgs (µg/L)	
Screen Interval:																			
Analyte	Units:																		
1,1,1-Trichloroethane	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
1,1,2-Trichloroethane	1	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
1,1-Dichloroethane	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
1,1-Dichloroethene	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
1,2-Dichloroethane	0.6	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
1,2-Dichloropropane	1	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
2-Butanone (MEK)	50	0.10	U	0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1,000	U
2-Hexanone	50	0.10	U	0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1,000	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1,000	U
Acetone	50	0.10	U	0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1,000	U
Benzene	1	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Bromodichloromethane	50	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Bromoform	50	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Bromomethane	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Carbon disulfide	60	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Carbon tetrachloride	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Chlorobenzene	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Chlorobromomethane	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Chloroethane	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Chloroform	7	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Chloromethane	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
cis-1,2-Dichloroethene	5	1.9	J	3.2	J	8.1		8.3		7.8	J	7.7	J	12	J	22		1,000	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Ethylbenzene	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Methylene chloride	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Styrene	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Tetrachloroethene	5	200		380		1,200		1,300		1,400		2,200		5,400		11,000		11,000	
Toluene	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
trans-1,2-Dichloroethene	5	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U
Trichloroethene	5	14		25		78		88		74		110	J	130	J	170		1,000	U
Vinyl chloride	2	0.10	U	0.40	U	5	U	5	U	1.0	U	2.2	J	400	U	6	J	1,000	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	0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2019		2018		2016		2015								2014	
Sample Location:		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B	
Sample Date:		Jun-19		Mar-18		Dec-16		Dec-15		Oct-15		Jul-15		Apr-15		Dec-14	
Screen Interval:		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	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	0.24	U	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	0.37	U	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	0.43	U	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	0.26	U	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	0.26	U	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	0.43	U	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	0.35	U	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	1.9	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U
2-Hexanone	50	1.1	U	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	1.3	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
Acetone	50	4.4	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U
Benzene	1	0.2	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
Bromodichloromethane	50	0.34	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U
Bromoform	50	0.54	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	0.10	U	5.0	U
Bromomethane	5	0.55	U	0.10	U	0.10	U	0.10	U	4.3	U	4.3	U	0.10	U	4.3	U
Carbon disulfide	60	0.82	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U
Carbon tetrachloride	5	0.21	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	0.10	U	2.0	U
Chlorobenzene	5	0.38	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
Chlorobromomethane	5	0.41	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
Chloroethane	5	0.32	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U
Chloroform	7	0.33	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U
Chloromethane	5	0.4	U	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	0.22	U	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	0.22	U	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	0.10	U	1.4	U
Ethylbenzene	5	0.3	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
Methylene chloride	5	0.32	U	0.52	U	0.10	U	0.10	U	1.3	U	1.3	U	0.10	U	1.3	U
Styrene	5	0.42	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U
Tetrachloroethene	5	0.88	J	1.3	J	0.58	J	0.95	U	2.1	U	2.1	U	1.3	U	2.1	U
Toluene	5	0.38	U	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	0.24	U	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	0.49	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U
Trichloroethene	5	0.31	U	0.33	J	0.21	J	0.25	J	1.9	U	1.9	U	0.25	J	1.9	U
Vinyl chloride	2	0.17	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.65	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014				2013						2012							
Sample Location:		FSMW-8B Jun-14		FSMW-8B Mar-14		FSMW-8B Oct-13		FSMW-8B Jul-13		FSMW-8B - Duplicate Jul-13		FSMW-8B Nov-12		FSMW-8B Jul-12		FSMW-8B Apr-12		FSMW-8B - Duplicate Apr-12	
Sample Date:		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		132-142 feet bgs	
Screen Interval: Units:		(µg/L)		(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	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	1.5	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	1.9	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	1.7	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	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	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	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	UJ	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	UJ	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	1.7	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	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	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	1.5	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
Bromomethane	5	4.3	U	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	U	4.3	U	4.3	UJ	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.82	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2011						2010											
Sample Location:		FSMW-8B Dec-11		FSMW-8B Jul-11		FSMW-8B Mar-11		FSMW-8B Dec-10		FSMW-8B - Duplicate Dec-10		FSMW-8B Sep-10		FSMW-8B Jun-10		FSMW-8B Mar-10		FSMW-8B - Duplicate Mar-10	
Sample Date:		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		132-142 feet bgs	
Screen Interval: Units:		(µg/L)		(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	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	0.10	U	0.10	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	0.10	U	0.10	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	0.10	U	0.10	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	0.10	U	0.10	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	0.10	U	0.10	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	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.5	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U*
2-Hexanone	50	1.8	UJ	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	1.7	U	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	1.9	UJ	0.46	UJ	0.35	UJ	0.63	JB*	0.56	JB*	1.1	J	0.10	U*	0.10	JB*	1.0	JB*
Benzene	1	1.60	U	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	1.5	U	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	5.0	U	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	4.3	U	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	2.1	U	0.10	U	0.25	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	J
Carbon tetrachloride	5	2.0	U	0.10	U	0.10	U	0.14	J	0.10	U	0.10	U	0.10	U	0.12	J	0.20	J
Chlorobenzene	5	1.6	U	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	1.7	U	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	2.5	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.36	J	0.10	U
Chloroform	7	1.9	U	0.10	U	0.10	U	0.11	JB	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	J*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.8	U	0.10	U	0.10	U	2.3	J	0.22	J	0.21	J	0.10	U	0.28	J	0.35	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	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	0.39	U	0.27	U	0.46	JB	0.49	JB	0.22	JB	0.22	JB	0.48	JB	0.42	JB
Styrene	5	1.7	U	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	3.0	U	1.9	J	2.4	J	2.5	J	2.8	J	2.6	J	3.0	J	3.7	J	3.2	J
Toluene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.18	J
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	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	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	0.81	J	1.3	J	2.4	J	2.4	J	2.4	J	2.7	J	3.0	J	3.0	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	0.10	U	0.10	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	0.10	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009								2008									
Sample Location:		FSMW-8B Dec-09 132-142 feet bgs (µg/L)		FSMW-8B Sep-09 132-142 feet bgs (µg/L)		FSMW-8B Jun-09 132-142 feet bgs (µg/L)		FSMW-8B Mar-09 132-142 feet bgs (µg/L)		FSMW-8B Dec-08 132-142 feet bgs (µg/L)		FSMW-8B Sep-08 132-142 feet bgs (µg/L)		FSMW-8B Jun-08 132-142 feet bgs (µg/L)		FSMW-8B - Duplicate Jun-08 132-142 feet bgs (µg/L)		FSMW-8B Mar-08 132-142 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
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	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	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	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	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	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	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	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	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	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	0.10	U
Acetone	50	0.48	JB*	0.10	U	0.89	JB*	0.48	J	0.10	UJ	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	0.10	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	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	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	0.10	U
Carbon disulfide	60	0.19	J	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	0.21	J	0.10	U	0.18	J	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	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	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	0.10	U
Chloroform	7	0.11	J	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	0.10	U
cis-1,2-Dichloroethene	5	0.32	J	0.28	J	0.25	J	0.26	J	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	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	0.10	U
Methylene chloride	5	0.55	JB	0.37	JB	0.38	JB	0.14	JB	0.10	U	0.29	JB	0.10	U	0.74	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	0.10	U
Tetrachloroethene	5	2.7	J	2.2	J	2.1	J	1.6	J	2.1	J	1.3	J	1.9	J	1.7	J	1.6	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.13	J	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	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	0.10	U
Trichloroethene	5	3.0	J	2.5	J	2.2	J	1.9	J	1.6	J	1.5	J	1.4	J	1.5	J	1.2	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	0.10	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007								2006				2019		2018	
Sample Location:		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B		FSMW-9A	
Sample Date:		Dec-07		Aug-07		May-07		Feb-07		Nov-06		Nov-06		Aug-06		Jun-19	
Screen Interval: Units:		132-142 feet bgs (µg/L)		132-142 feet bgs (µg/L)		132-142 feet bgs (µg/L)		132-142 feet bgs (µg/L)		132-142 feet bgs (µg/L)		132-142 feet bgs (µg/L)		132-142 feet bgs (µg/L)		60-70 feet bgs (µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.24	U
1,1,2,2-Tetrachloroethane	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.37	U
1,1,2-Trichloroethane	1	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.43	U
1,1-Dichloroethane	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.26	U
1,1-Dichloroethene	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.26	U
1,2-Dichloroethane	0.6	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.43	U
1,2-Dichloropropane	1	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.35	U
2-Butanone (MEK)	50	10	U	0.10	U	10	U	10	U	10	U	10	U	10	U	1.9	U
2-Hexanone	50	10	U	0.10	U	10	U	10	U	10	U	10	U	10	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U	10	U	10	U	10	U	10	U	10	U	1.3	U
Acetone	50	10	U	0.10	U	10	U	10	U	10	U	10	U	10	U	4.4	U
Benzene	1	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.2	U
Bromodichloromethane	50	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.34	U
Bromoform	50	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.54	U
Bromomethane	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.55	U
Carbon disulfide	60	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.82	U
Carbon tetrachloride	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.21	U
Chlorobenzene	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.38	U
Chlorobromomethane	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.41	U
Chloroethane	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.32	U
Chloroform	7	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.33	U
Chloromethane	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.4	U
cis-1,2-Dichloroethene	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.22	U
cis-1,3-Dichloropropene	0.4	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.22	U
Ethylbenzene	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.3	U
Methylene chloride	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.32	U
Styrene	5	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.42	U
Tetrachloroethene	5	10	U	2.4	J	10	U	18	U	10	U	3	J	17	U	2.7	U
Toluene	5	0.63	J	0.10	U	10	U	10	U	10	U	10	U	10	U	0.38	U
trans-1,2-Dichloroethene	5	5	U	0.10	U	0.75	J	10	U	10	U	10	U	10	U	0.24	U
trans-1,3-Dichloropropene	0.4	5	U	0.10	U	10	U	10	U	10	U	10	U	10	U	0.49	U
Trichloroethene	5	0.98	J	1.4	J	1.2	J	1.2	J	2	J	2	J	1	J	0.31	U
Vinyl chloride	2	5	U	0.10	U	10	U	10	U	10	U	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	10	U	10	U	10	U	10	U	10	U	0.82	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2016		2015		2014				2013		2012		2010		2009		2008	
Sample Location:		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A - Duplicate		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A	
Sample Date:		Dec-16		Oct-15		Oct-14		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08	
Screen Interval:		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		60-70 feet bgs	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	0.10	U	2.1	U	2.1	U	2.1	U	11	U	2.1	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	UJ	1.5	U	1.5	U	1.5	U	7.5	U	1.5	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	UJ	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	2.5	U	2.5	U	2.5	U	13	U	2.5	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.83	U	0.83	U	0.83	U	4.2	U	0.83	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	UJ	1.5	U	1.5	U	1.5	U	7.5	U	1.5	UJ	0.10	U*	0.10	U	0.10	U
2-Hexanone	50	0.10	UJ	1.8	U	1.8	U	1.8	U	9.0	U	1.8	UJ	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	UJ	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	UJ	1.9	U	1.9	U	1.9	U	9.5	U	1.9	UJ	0.90	JB*	1	J	0.10	U
Benzene	1	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	1.5	U	1.5	U	1.5	U	7.5	U	1.5	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	5.0	U	5.0	UJ	5.0	UJ	25	U	5.0	UJ	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	4.3	U	4.3	U	4.3	U	22	U	4.3	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	2.1	U	2.1	U	2.1	U	11	U	2.1	U	0.10	U*	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	2.0	U	2.0	U	2.0	U	10	U	2.0	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	UJ	2.5	U	2.5	U	2.5	U	13	U	2.5	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	UJ	2.3	U	2.3	U	2.3	U	12	U	2.3	U	0.10	U*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.3	J	2.1	J	14		14		320		270	D	0.22	J	0.1	J	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	1.4	U	1.4	U	1.4	U	7.0	U	1.4	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	1.3	U	1.3	U	1.3	U	6.5	U	1.3	U	0.23	JB	0.42	JB	0.10	U
Styrene	5	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	4.1	J	7.4	J	93		93		770		440	D	16	B	28	U	52	
Toluene	5	3.0	J	1.6	U	1.6	U	1.6	U	8.0	U	2.0	J	0.33	J	0.13	J	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.83	J	1.9	U	8.9	J	8.9	J	160		190		0.32	J	0.28	J	0.59	J
Vinyl chloride	2	0.10	UJ	2.3	U	2.3	U	2.3	U	12	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.82	U	0.82	U	4.1	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2007		2006		2019		2018		2016		2015		2014		2013		2012	
Sample Location:	NYSDEC	FSMW-9A		FSMW-9A		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B	
Sample Date:	Class GA GW	Aug-07		Aug-06		Jun-19		Mar-18		Dec-16		Oct-15		Oct-14		Oct-13		Nov-12	
Screen Interval:	Standard ¹	60-70 feet bgs		60-70 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	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	0.10	U	500	U	0.24	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	500	U	0.37	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	500	U	0.43	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	500	U	0.26	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	500	U	0.26	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	500	U	0.43	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	500	U	0.35	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	500	U	1.9	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	UJ
2-Hexanone	50	0.10	U	500	U	1.1	U	0.10	U	0.10	UJ	1.8	U	1.8	U	1.8	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	500	U	1.3	U	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	500	U	4.4	U	0.10	U	0.10	UJ	1.9	U	1.9	U	4.1	U	1.9	UJ
Benzene	1	0.10	U	500	U	0.2	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	500	U	0.34	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	500	U	0.54	U	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ
Bromomethane	5	0.10	U	500	UJ	0.55	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	UJ	4.3	U
Carbon disulfide	60	0.10	U	500	U	0.82	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	500	U	0.21	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.63	J	500	U	0.38	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	500	U	0.41	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	500	UJ	0.32	U	0.10	U	0.10	UJ	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	500	U	0.33	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	500	U	0.4	UJ	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	4.3	J	500	U	0.22	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	500	U	0.22	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	500	U	0.3	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	110	J	0.32	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	500	U	0.42	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	500		3,900		0.54	J	0.73	J	0.77	U	2.1	U	2.4	J	2.1	U	14	
Toluene	5	0.43	J	500	U	0.38	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	500	U	0.24	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	500	U	0.49	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	36		260	J	0.31	U	0.10	U	0.20	J	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	500	U	0.17	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	500	U	0.82	U	0.65	U	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2010		2009				2008		2007		2006		2019		2018		2016	
Sample Location:		FSMW-9B		FSMW-9B		FSMW-9B - Duplicate		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-10A		FSMW-10A		FSMW-10A	
Sample Date:		Sep-10		Oct-09		Oct-09		Sep-08		Aug-07		Aug-06		Jun-19		Mar-18		Dec-16	
Screen Interval: Units:		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)		60-70 feet bgs (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	0.24	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	10	U	0.37	U	0.10	U	0.10	UJ
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.43	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	10	U	0.26	U	0.10	U	0.10	UJ
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.26	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	10	U	0.43	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	10	U	0.35	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	10	U	1.9	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	10	U	1.1	U	0.10	U	0.10	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.3	U	0.10	U	0.10	UJ
Acetone	50	0.93	JB*	1.2	J	1.20	U	0.10	U*	0.10	U	10	U	4.4	U	0.10	U	0.10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.2	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.34	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.54	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.55	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	10	U	0.82	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	10	U	0.21	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.38	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.41	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.32	U	0.10	U	0.10	UJ
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.33	U	0.10	U	0.10	U
Chloromethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.4	U	0.10	U	0.10	UJ
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.22	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	10	U	0.22	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.3	U	0.10	U	0.10	U
Methylene chloride	5	0.28	JB	0.4	JB	0.46	JB	0.10	U	0.10	U	10	U	0.32	U	0.10	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.42	U	0.10	U	0.10	U
Tetrachloroethene	5	7.2	JB	9.3	J	10	J	29		25		10	U	2.5		2.0	J	0.69	U
Toluene	5	0.10	U	0.2	J	0.17	J	0.10	U	0.10	U	10	U	0.38	U	0.10	U	1.40	J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.24	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	10	U	0.49	U	0.10	U	0.10	U
Trichloroethene	5	0.24	J	0.47	J	0.49	J	0.50	J*	1.1	J	2	J	0.31	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	10	U	0.17	U	0.10	U	0.10	UJ
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	0.10	U	0.10	U	10	U	0.82	U	0.65	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2015		2014		2013		2012				2010				2009		2008	
Sample Location:	NYSDEC	FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A	
Sample Date:	Class GA GW	Oct-15		Sep-14		Oct-13		Nov-12		Nov-12		Sep-10		Sep-10		Sep-09		Sep-08	
Screen Interval:	Standard ¹	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		60-70 feet bgs	
Units:	(µg/L)	(µg/L)		(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	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	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	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	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	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	0.83	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	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	U	1.5	U	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	U	1.8	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	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	U	1.9	U	1.6	J	1.1	J	0.10	U*	0.10	U
Benzene	1	1.6	U	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	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	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	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	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	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	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	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	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	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	2.3	U	0.25	J*	0.20	J*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	0.17	J	0.15	J	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	1.4	U	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	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	1.3	U	0.26	JB	0.25	JB	0.36	JB	0.10	U
Styrene	5	1.7	U	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	3.2	J	3.2	U	140		12		10		200	B	200	B	44		11	
Toluene	5	1.6	U	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	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	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.9	U	1.9	U	2.3	J	1.9	U	1.9	U	1.9	J	2.0	J	0.54	J	0.10	U
Vinyl chloride	2	2.3	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2008		2007		2006		2019		2018		2016		2015		2014		2013	
Sample Location:		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B	
Sample Date:		Sep-08		Aug-07		Aug-06		Jun-19		Mar-18		Dec-16		Oct-15		Oct-14		Oct-13	
Screen Interval:		60-70 feet bgs		60-70 feet bgs		60-70 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	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	10	U	0.24	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	10	U	0.37	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	10	U	0.43	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	10	U	0.26	U	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	10	U	0.26	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	10	UJ	0.43	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	10	U	0.35	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	10	UJ	1.9	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U	10	U	1.1	U	0.10	U	0.10	UJ	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U	1.3	U	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U
Acetone	50	0.10	U	0.10	U	10	U	4.4	U	0.10	U	0.10	UJ	1.9	U	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	10	U	0.2	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	10	U	0.34	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	10	U	0.54	U	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U
Bromomethane	5	0.10	U	0.10	U	10	U	0.55	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	UJ
Carbon disulfide	60	0.10	U	0.10	U	10	U	0.82	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	10	U	0.21	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	10	U	0.38	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	10	U	0.41	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	10	U	0.32	U	0.10	U	0.10	UJ	2.5	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	10	U	0.33	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	10	U	0.4	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	0.22	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.22	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	10	U	0.3	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.10	U	0.10	U	10	U	0.32	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	10	U	0.42	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	11		72		87		0.68	J	1.4	J	0.69	U	2.1	U	2.1	U	2.1	U
Toluene	5	0.10	U	0.10	U	10	U	0.38	U	0.10	U	1.40	J	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	0.24	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.49	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	0.10	U	1.5	J	2	J	0.86	J	1.1	J	0.84	J	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	10	U	0.17	U	0.10	U	0.10	UJ	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	10	U	0.82	U	0.65	U	0.10	U	0.10	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2010		2009		2008		2007		2019		2018		2016		2015		2014	
Sample Location:	NYSDEC	FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-11	
Sample Date:	Class GA GW	Sep-10		Sep-09		Sep-08		Aug-07		Jun-19		Mar-18		Dec-16		Oct-15		Sep-14	
Screen Interval:	Standard ¹	137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		137-147 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs		139-149 feet bgs	
Units:	(µg/L)	(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	0.10	U	0.10	U	0.24	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	0.10	U	0.37	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	0.10	U	0.43	U	0.10	U	0.10	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.27	J	0.27	J	0.73	J	0.10	U	0.26	U	0.10	U	0.10	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.11	J	0.12	J	0.10	U	0.10	U	0.26	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	0.10	U	0.43	U	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	0.10	U	0.35	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	0.10	U	1.9	U	0.10	U	0.10	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U*	0.10	U	0.10	U	1.1	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	0.10	U	1.3	U	0.10	U	0.10	U	1.7	U	1.7	U
Acetone	50	1.2	J	0.62	JB*	0.10	U*	0.10	U	4.4	U	0.10	U	0.10	U	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.2	U	0.10	U	0.10	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.34	U	0.10	U	0.10	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.54	U	0.10	U	0.10	U	5.0	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.55	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	0.10	U	0.82	U	0.10	U	0.10	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.21	U	0.10	U	0.10	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.38	U	0.10	U	0.10	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.41	U	0.10	U	0.10	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.32	U	0.10	U	0.10	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.33	U	0.10	U	0.10	U	1.9	U	1.9	U
Chloromethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.4	U	0.10	U	0.10	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.22	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	0.10	U	0.22	U	0.10	U	0.10	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.3	U	0.10	U	0.10	U	1.6	U	1.6	U
Methylene chloride	5	0.28	JB	0.34	JB	0.47	JB	0.10	U	0.32	U	0.10	U	0.10	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.42	U	0.10	U	0.10	U	1.7	U	1.7	U
Tetrachloroethene	5	0.86	J	0.55	J	0.10	U	0.34	J	0.61	J	0.65	J	1.00	J	2.1	U	2.1	U
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.38	U	0.10	U	0.33	J	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.24	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	0.10	U	0.49	U	0.10	U	0.10	U	1.6	U	1.6	U
Trichloroethene	5	1.3	J	1.3	J	1.3	J	1.6	J	0.5	J	0.53	J	0.56	J	1.9	U	1.9	U
Vinyl chloride	2	0.10	U*	0.10	U	0.10	U	0.10	U	0.17	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.82	U	0.65	U	0.10	U	0.10	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2013		2010		2009		2008		2007		2006		2019		2018	
Sample Location:		FSMW-11		FSMW-11 - Duplicate		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-12		FSMW-12	
Sample Date:		Oct-13		Oct-13		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06		Jun-19	
Screen Interval: Units:		139-149 feet bgs (µg/L)		139-149 feet bgs (µg/L)		139-149 feet bgs (µg/L)		139-149 feet bgs (µg/L)		139-149 feet bgs (µg/L)		139-149 feet bgs (µg/L)		139-149 feet bgs (µg/L)		139-149 feet bgs (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	0.24	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	0.37	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	0.43	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	0.26	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	0.26	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	0.43	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	0.35	U	0.10	U
2-Butanone (MEK)	50	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U	0.10	U
2-Hexanone	50	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	1.1	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	1.3	U	0.10	U
Acetone	50	1.9	U	1.9	U	1.6	J	1.5	U	0.10	U	0.10	U	4.4	U	0.10	U
Benzene	1	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.2	U	0.10	U
Bromodichloromethane	50	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.34	U	0.10	U
Bromoform	50	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.54	U	0.10	U
Bromomethane	5	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.55	U	0.10	U
Carbon disulfide	60	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	0.82	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.13	J	0.10	U	1.3	J	0.6	J	0.21	U
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.38	U	0.10	U
Chlorobromomethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.41	U	0.10	U
Chloroethane	5	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	0.32	U	0.10	U
Chloroform	7	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.33	U	0.10	U
Chloromethane	5	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.4	U	0.10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	0.22	J	0.34	J	0.59	J	0.95	J	0.22	U	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	0.22	U	0.10	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.3	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	0.27	JB	0.41	JB	0.10	U	0.10	U	0.32	U	0.10	U
Styrene	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.42	U	0.10	U
Tetrachloroethene	5	2.5	J	2.5	J	2.3	J	3.3	J	3.0	J	6.9	J	5.0	J	0.71	J
Toluene	5	1.6	U	1.6	U	0.10	U	0.29	J	0.10	U	0.10	U	0.38	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	0.24	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	0.49	U	0.10	U
Trichloroethene	5	4.8	J	4.9	J	3.0	J	4	J	13		22		21		0.31	U
Vinyl chloride	2	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.17	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	0.10	U	0.10	U	10	U	0.82	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2016		2015				2014		2013		2010		2009		2008			
Sample Location:	NYSDEC	FSMW-12		FSMW-12		FSMW-12 - Duplicate		FSMW-12		FSMW-12		FSMW-12		FSMW-12		FSMW-12		FSMW-12 - Duplicate	
Sample Date:	Class GA GW	Dec-16		Oct-15		Oct-15		Oct-14		Oct-13		Sep-10		Sep-09		Sep-08		Sep-08	
Screen Interval:	Standard ¹	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		139-149 feet bgs	
Units:	(µg/L)	(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	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	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.11	J	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	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	0.10	U	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	0.10	UJ	1.5	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	0.10	U	1.8	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	0.10	U	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	0.10	UJ	1.9	U	1.9	U	1.9	U	2.8	J	1.1	JB*	0.75	J	0.10	U*	0.10	U*
Benzene	1	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	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	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	0.22	J*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	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	0.10	U	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	0.10	U	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	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	0.30	JB	0.49	JB	0.54	JB	0.10	U
Styrene	5	0.10	U	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	4.8	J	2.1	J	2.3	J	2.1	U	2.1	J	1.8	JB	0.65	J	0.10	U	0.10	U
Toluene	5	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.25	J	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	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	0.10	U	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	5.7	J	6.6	J	6.4	J	3.7	J	1.9	J	2.2	J	2.4	J	0.10	U*	0.10	U*
Vinyl chloride	2	0.10	U	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007		2006		2019								2018			
Sample Location:		FSMW-12		FSMW-12		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A	
Sample Date:		Aug-07		Aug-06		Dec-19		Sep-19		Jun-19		Mar-19		Dec-18		Sep-18	
Screen Interval:		139-149 feet bgs		139-149 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	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	0.10	U	10	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.10	U	10	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	0.10	U	10	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.10	U	10	U	0.26	U	0.26	U	0.26	U	0.12	U	0.12	U	0.12	U
1,2-Dichloroethane	0.6	0.10	U	10	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.10	U	10	U	1.3		0.98	J	1	J-	1.5		1.2		1.4	J+
2-Butanone (MEK)	50	0.10	U	10	U	1.9	U	8.1	J+	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U	10	U	1.1	U	1.1	U	1.1	U	2.9	U	2.9	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	1.3	U	1.3	U	1.3	U	2.7	U	2.7	U	2.7	U
Acetone	50	0.10	U	10	U	4.4	U	4.4	U	4.4	U	5	U	5	U	5	U
Benzene	1	0.10	U	10	U	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U	0.43	U
Bromodichloromethane	50	0.10	U	10	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.10	U	10	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	10	U	0.55	U	0.55	U	0.55	U	1	U	1	U	1	U
Carbon disulfide	60	0.10	U	10	U	0.82	U	0.82	U	0.82	U	0.16	U	0.16	U	0.16	U
Carbon tetrachloride	5	0.10	U	10	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.10	U	10	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.10	U	10	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.10	U	10	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.10	U	10	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.10	U	10	U	0.4	U	0.4	U	0.4	U	0.14	U	0.14	U	0.14	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	9.2		7.6		8.4	J-	4.7		10		6.5	J+
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	0.22	U	0.22	U	0.22	U	0.46	U	0.46	U	0.46	U
Ethylbenzene	5	0.10	U	10	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.10	U	10	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.10	U	10	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	2.3	J	10	U	270		250		280		120		280		190	J+
Toluene	5	0.10	U	10	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.10	U	10	U	0.4	J	0.34	J	0.54	J-	0.28	J	0.32	J	0.24	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	0.26	J	10	U	9.2		8.2		9.2	J-	4		10		5.6	J+
Vinyl chloride	2	0.10	U	10	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	U
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	U
Total Xylenes	5	10	U	0.82	U	0.65	U	0.65	U	0.65	U	0.3	U	0.65	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018				2017								2016					
Sample Location:		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A	
Sample Date:		Jun-18		Mar-18		Dec-17		Dec-17		Sep-17		Jun-17		Mar-17		Dec-16		Sep-16	
Screen Interval:		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		69-79 feet bgs	
Units:		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.24	U	0.20	U	0.20	U	0.20	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	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.12	U	0.20	U	0.20	J	0.20	U	0.15	J	0.10	UJ	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1		1.2	J	1.0	J	1.10	J	1.3	J	1.1	J	0.10	U	1.3	J	1.0	J
2-Butanone (MEK)	50	1.9	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
2-Hexanone	50	2.9	U	0.20	U	0.20	U	0.20	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	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	5	U	2.7	U	0.20	U	0.20	U	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ
Benzene	1	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	1	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	UJ
Carbon disulfide	60	0.16	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.21	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.14	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
cis-1,2-Dichloroethene	5	6.3		6.6	J	8.3	J	8.1	J	7.6	J	6.5	J	6.9	J	5.4	J	6.2	J
cis-1,3-Dichloropropene	0.4	0.46	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.32	U	0.86	U	0.20	U	1.20	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.42	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	170		170		190		190		180		180		150		150		160	
Toluene	5	0.38	U	0.20	U	0.20	U	0.20	J	0.10	U	0.10	U	0.26	J	0.26	J	0.10	U
trans-1,2-Dichloroethene	5	0.24	U	0.20	U	0.20	J	0.20	U	0.17	J	0.10	UJ	0.10	U	0.10	U	0.12	J
trans-1,3-Dichloropropene	0.4	0.49	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	6.5		6.9	J	7.2	J	6.3	J	6.4	J	6.0	J	5.7	J	5.2	J	6.0	J
Vinyl chloride	2	0.17	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	0.3	U	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	0.36	U	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	NA		0.20	U	0.20	U	0.20	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2016								2015		2014		2013		2012		2010	
Sample Location:		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A	
Sample Date:		Sep-16		Jul-16		Apr-16		Apr-16		Oct-15		Oct-14		Oct-13		Nov-12		Sep-10	
Screen Interval: Units:		69-79 feet bgs (µg/L)		69-79 feet bgs (µg/L)		69-79 feet bgs (µg/L)		69-79 feet bgs (µg/L)		69-79 feet bgs (µg/L)		69-79 feet bgs (µg/L)		69-79 feet bgs (µg/L)		69-79 feet bgs (µg/L)		69-79 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	4.2	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	0.10	U	3.0	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	0.10	U	3.8	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	0.10	U	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.21	J	0.18	J	5.0	U	2.5	U	2.5	U	2.5	U	0.25	J
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U	0.83	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	1.0	J	0.96	J	0.37	J	0.47	J	3.4	U	1.7	U	1.7	U	1.7	U	0.35	J
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	3.0	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	0.10	U	3.6	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	0.10	U	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U
Acetone	50	0.10	UJ	0.10	UJ	0.10	U	0.10	U	3.8	U	1.9	U	6.5	U	1.9	U	0.44	JB*
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	3.0	U	1.5	U	1.5	U	1.5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	10	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U
Bromomethane	5	0.10	UJ	0.10	U	0.10	UJ	0.10	UJ	8.6	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	0.10	U	4.2	U	2.1	U	2.1	U	2.1	U	0.1	U*
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	4.0	U	2.0	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	5.0	U	2.5	U	2.5	U	2.5	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	3.8	U	1.9	U	1.9	U	1.9	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	4.6	U	2.3	U	2.3	U	2.3	U	0.10	U*
cis-1,2-Dichloroethene	5	6.5	J	5.4	J	7.1	J	7.2	J	9.4	J	12		5.3	J	3.1	J	5.7	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	2.8	U	1.4	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	3.2	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	0.10	U	2.6	U	1.3	U	1.3	U	1.3	U	0.23	JB
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	3.4	U	1.7	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	160		180		170	D	180	D	260		350	D	140		19		240	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U
trans-1,2-Dichloroethene	5	0.18	J	0.10	U	0.18	J	0.16	J	3.8	U	1.9	U	1.9	U	1.9	U	0.12	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U	1.6	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	6.3	J	6.0	J	8.4	J	8.7	J	11	J	14		5.8	J	1.9	U	6.5	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	4.6	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U	0.82	U	0.82	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2009		2008		2007		2006		2019				2018		2016		2015	
Sample Location:	NYSDEC	FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B		FSMW-13B	
Sample Date:	Class GA GW	Sep-09		Sep-08		Aug-07		Aug-06		Jun-19		Jun-19		Mar-18		Dec-16		Oct-15	
Screen Interval:	Standard ¹	69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		69-79 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs	
Units:	(µg/L)	(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	0.10	U	40	U	0.24	U	0.24	U	0.50	U	0.50	U	4.2	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	40	U	0.37	U	0.37	U	0.50	U	0.50	U	3.0	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	40	U	0.43	U	0.43	U	0.50	U	0.50	U	3.8	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	40	U	0.26	U	0.26	U	0.50	U	0.50	U	3.4	U
1,1-Dichloroethene	5	0.2	J	0.10	U	0.10	U	40	U	0.26	U	0.26	U	0.50	U	0.50	U	5.0	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	40	U	0.43	U	0.43	U	0.50	U	0.50	U	1.7	U
1,2-Dichloropropane	1	0.25	J	0.10	U	0.10	U	40	U	0.35	U	0.35	U	0.50	U	0.50	U	3.4	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	40	U	1.9	U	1.9	U	0.50	U	0.50	U	3.0	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	40	U	1.1	U	1.1	U	0.50	U	0.50	U	3.6	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	40	U	1.3	U	1.3	U	0.50	U	0.50	U	3.4	U
Acetone	50	0.10	U	0.10	U*	0.10	U	40	U	4.4	U	4.4	U	6.4	U	0.50	U	3.8	U
Benzene	1	0.10	U	0.10	U	0.10	U	40	U	0.2	U	0.2	U	0.50	U	0.50	U	3.2	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	40	U	0.34	U	0.34	U	0.50	U	0.50	U	3.0	U
Bromoform	50	0.10	U	0.10	U	0.10	U	40	U	0.54	U	0.54	U	0.50	U	0.50	U	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	40	U	0.55	U	0.55	U	0.50	U	0.50	U	8.6	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	40	U	0.82	U	0.82	U	0.50	U	0.50	U	4.2	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	40	U	0.21	U	0.21	U	0.50	U	0.50	U	4.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	40	U	0.38	U	0.38	U	0.50	U	0.50	U	3.2	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	40	U	0.41	U	0.41	U	0.50	U	0.50	U	3.4	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	40	U	0.32	U	0.32	U	0.50	U	0.50	U	5.0	U
Chloroform	7	0.10	U	0.10	U	0.10	U	40	U	0.33	U	0.33	U	0.50	U	0.50	U	3.8	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	40	U	0.4	U	0.4	U	0.50	U	0.50	U	4.6	U
cis-1,2-Dichloroethene	5	4.3	J	8.2	J	20		12	J	1.8		1.7		11	J	7.1	J	3.6	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	40	U	0.22	U	0.22	U	0.50	U	0.50	U	2.8	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	40	U	0.3	U	0.3	U	0.50	U	0.50	U	3.2	U
Methylene chloride	5	0.39	JB	0.10	U	0.10	U	40	U	0.32	U	0.32	U	2.4	U	0.50	U	2.6	U
Styrene	5	0.10	U	0.10	U	0.10	U	40	U	0.42	U	0.42	U	0.50	U	0.50	U	3.4	U
Tetrachloroethene	5	200		95		570		360		77		75		450		400		180	
Toluene	5	0.10	U	0.10	U	0.10	U	40	U	0.38	U	0.38	U	0.50	U	0.50	U	3.2	U
trans-1,2-Dichloroethene	5	0.16	J	0.10	U	0.10	U	40	U	0.24	U	0.24	U	0.50	U	0.50	U	3.8	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	40	U	0.49	U	0.49	U	0.50	U	0.50	U	3.2	U
Trichloroethene	5	4.7	J	8.2	J	20		13	J	3.5		3.3		24	J	16	J	12	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	40	U	0.17	U	0.17	U	0.50	U	0.50	U	4.6	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	40	U	1.6	U	0.65	U	0.65	U	0.50	U	0.50	U	1.6	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2015		2014		2013		2012		2010				2009		2009		2008	
Sample Location:	NYSDEC	FSMW-13B - Duplicate		FSMW-13B		FSMW-13B		FSMW-13B		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B		FSMW-13B - Duplicate		FSMW-13B	
Sample Date:	Class GA GW	Oct-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-10		Sep-09		Sep-09		Sep-08	
Screen Interval:	Standard ¹	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		119-129 feet bgs	
Units:	(µg/L)	(µg/L)		(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	4.2	U	11	U	2.1	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
1,1,2,2-Tetrachloroethane	5	3.0	U	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
1,1,2-Trichloroethane	1	3.8	U	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
1,1-Dichloroethane	5	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
1,1-Dichloroethene	5	5.0	U	5.0	U	13	U	2.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
1,2-Dichloroethane	0.6	1.7	U	1.7	U	4.2	U	0.83	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
1,2-Dichloropropane	1	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
2-Butanone (MEK)	50	3.0	U	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U*	2.5	U	2.5	U	0.10	U
2-Hexanone	50	3.6	U	3.6	U	9.0	U	1.8	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Acetone	50	3.8	U	3.8	U	9.5	U	1.9	U	1.2	J	0.93	JB*	15	J	18	J	0.10	U*
Benzene	1	3.2	U	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Bromodichloromethane	50	3.0	U	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Bromoform	50	10	U	10	U	25	U	5.0	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Bromomethane	5	8.6	U	8.6	U	22	U	4.3	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Carbon disulfide	60	4.2	U	4.2	U	11	U	2.1	U	0.10	U	0.10	U*	2.5	U	2.5	U	0.10	U
Carbon tetrachloride	5	4.0	U	4.0	U	10	U	2.0	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Chlorobenzene	5	3.2	U	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Chlorobromomethane	5	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Chloroethane	5	5.0	U	5.0	U	13	U	2.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Chloroform	7	3.8	U	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Chloromethane	5	4.6	U	4.6	U	12	U	2.3	U	0.20	J*	0.10	U*	2.5	U	2.5	U	0.10	U
cis-1,2-Dichloroethene	5	3.6	U	5.5	J	17	J	9.4	J	1.7	J	2.0	J	21	J	22	J	19	
cis-1,3-Dichloropropene	0.4	2.8	U	2.8	U	7.0	U	1.4	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Ethylbenzene	5	3.2	U	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Methylene chloride	5	2.6	U	2.6	U	6.5	U	1.3	U	0.25	JB	0.30	JB	49	JB	48	JB	0.20	JB
Styrene	5	3.4	U	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Tetrachloroethene	5	200		330		770		620	D	450	B	460		3,700		3,700		1,900	
Toluene	5	3.2	U	3.2	U	8.0	U	1.6	U	0.11	J	0.10	U	2.5	U	2.5	U	0.10	U
trans-1,2-Dichloroethene	5	3.8	U	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
trans-1,3-Dichloropropene	0.4	3.2	U	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U
Trichloroethene	5	12	J	31		110		60		8.8	J	9.0	J	71	J	72	J	50	
Vinyl chloride	2	4.6	U	4.6	U	12	U	2.3	U	0.10	U*	0.10	U*	2.5	U	2.5	U	0.10	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	1.6	U	4.1	U	0.82	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2008		2007		2006		2019		2018		2016		2015		2014		2013	
Sample Location:	NYSDEC	FSMW-13B - Duplicate		FSMW-13B		FSMW-13B		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C	
Sample Date:	Class GA GW	Sep-08		Aug-07		Aug-06		Jun-19		Mar-18		Dec-16		Oct-15		Sep-14		Oct-13	
Screen Interval:	Standard ¹	119-129 feet bgs		119-129 feet bgs		119-129 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	
Units:	(µg/L)	(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	200	U	0.8	J	1.2	J	0.88	J	4.2	U	4.2	U	4.2	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	200	U	0.37	U	0.10	U	0.10	UJ	3.0	U	3.0	U	3.0	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	200	U	0.43	U	0.10	U	0.10	UJ	3.8	U	3.8	U	3.8	U
1,1-Dichloroethane	5	0.10	U	0.10	U	200	U	0.73	J	0.96	J	0.69	J	3.4	U	3.4	U	3.4	U
1,1-Dichloroethene	5	0.10	U	0.10	U	200	U	6.5		6.7	J	4.3	J	5.0	U	5.0	U	5.0	UJ
1,2-Dichloroethane	0.6	0.10	U	0.10	U	200	U	0.43	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
1,2-Dichloropropane	1	0.10	U	0.10	U	200	U	0.35	U	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U
2-Butanone (MEK)	50	0.10	U	0.10	U	200	U	1.9	U	0.10	U	0.10	UJ	3.0	U	3.0	U	3.0	U
2-Hexanone	50	0.10	U	0.10	U	200	U	1.1	U	0.10	U	0.10	U	3.6	U	3.6	U	3.6	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	200	U	1.3	U	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U
Acetone	50	0.10	U*	0.10	U	200	U	4.4	U	0.10	U	0.10	UJ	3.8	U	3.8	U	3.8	U
Benzene	1	0.10	U	0.10	U	200	U	0.2	U	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U
Bromodichloromethane	50	0.10	U	0.10	U	200	U	0.34	U	0.10	U	0.10	U	3.0	U	3.0	U	3.0	U
Bromoform	50	0.10	U	0.10	U	200	U	0.54	U	0.10	U	0.10	U	10	U	10	UJ	10	U
Bromomethane	5	0.10	U	0.10	U	200	UJ	0.55	U	0.10	U	0.10	U	8.6	U	8.6	U	8.6	U
Carbon disulfide	60	0.10	U	0.10	U	200	U	0.82	U	0.10	U	0.10	U	4.2	U	4.2	U	4.2	U
Carbon tetrachloride	5	0.10	U	0.10	U	200	U	5.6		3.4	J	3.8	J	8.5	J	7.6	J	6.0	J
Chlorobenzene	5	0.10	U	0.45	J	200	U	0.38	U	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U
Chlorobromomethane	5	0.10	U	0.10	U	200	U	0.41	U	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U
Chloroethane	5	0.10	U	0.10	U	200	UJ	0.32	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U
Chloroform	7	0.10	U	0.10	U	200	U	6.9		3.8	J	2.8	J	4.7	J	5.2	J	3.8	U
Chloromethane	5	0.10	U	0.10	U	200	U	0.4	U	0.10	U	0.10	UJ	4.6	U	4.6	U	4.6	U
cis-1,2-Dichloroethene	5	20		23		23	J	42		39		34		56		61		79	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	200	U	0.22	U	0.10	U	0.10	U	2.8	U	2.8	U	2.8	U
Ethylbenzene	5	0.10	U	0.10	J	200	U	0.3	U	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U
Methylene chloride	5	0.10	U	0.10	U	200	U	0.32	U	0.10	U	0.10	U	2.6	U	2.6	U	2.6	U
Styrene	5	0.10	U	0.10	U	200	U	0.42	U	0.10	U	0.10	U	3.4	U	3.4	U	3.4	U
Tetrachloroethene	5	2,000		2,700		2,900		50		40		39		58		63		64	
Toluene	5	0.10	U	0.10	U	200	U	0.38	U	0.10	J	0.17	J	3.2	U	3.2	U	3.2	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	200	U	0.5	J	0.43	J	0.33	J	3.8	U	3.8	U	3.8	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	200	U	0.49	U	0.10	U	0.10	U	3.2	U	3.2	U	3.2	U
Trichloroethene	5	57		65		69	J	280		200		180		300		340		390	
Vinyl chloride	2	0.10	U	0.10	U	200	U	0.17	U	0.10	U	0.10	U	4.6	U	4.6	U	4.6	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	200	U	1.6	U	0.65	U	0.10	U	0.10	U	1.6	U	1.6	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2013		2012		2010		2009		2008		2007		2006		2019			
Sample Location:		FSMW-13C - Duplicate		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-14A		FSMW-14A - Duplicate	
Sample Date:		Oct-13		Nov-12		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06		Dec-19		Dec-19	
Screen Interval:		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		119-129 feet bgs		119-129 feet bgs	
Units:		(µg/L)		(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	1.1	J	1.2	J	1.4	J	1.8	J	40	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	0.20	J	0.5	U	0.10	U	0.10	U	40	U	0.43	U	0.43	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.3	J	1.1	J	0.88	J	0.72	J	40	U	0.26	U	0.26	U
1,1-Dichloroethene	5	2.6	J	2.5	U	4.4	J	4.5	J	0.10	U	5.3	J	40	U	0.43	J	0.45	J
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.43	U	0.43	U
1,2-Dichloropropane	1	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.35	U	0.35	U
2-Butanone (MEK)	50	1.5	U	1.5	U	0.10	U*	0.5	U	0.10	U	0.10	U	40	U	1.9	U	1.9	U
2-Hexanone	50	1.8	U	1.8	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	1.3	U	1.3	U
Acetone	50	21	U	1.9	U	0.96	JB*	3.8	J	0.10	U*	0.10	U	40	U	4.4	U	4.4	U
Benzene	1	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.2	U	0.2	U
Bromodichloromethane	50	1.5	U	1.5	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.34	U	0.34	U
Bromoform	50	5.0	U	5.0	UJ	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.54	UJ	0.54	UJ
Bromomethane	5	4.3	U	4.3	U	0.10	U	0.5	U	0.10	U	0.10	U	40	UJ	0.55	U	0.55	U
Carbon disulfide	60	2.1	U	2.1	U	0.10	U*	0.5	U	0.10	U	0.10	U	40	U	0.82	U	0.82	U
Carbon tetrachloride	5	6.9	J	2.0	U	20		16	J	28		36		42		0.21	UJ	0.21	UJ
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.38	U	0.38	U
Chlorobromomethane	5	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.41	U	0.41	U
Chloroethane	5	2.5	U	2.5	U	0.10	U	0.5	U	0.10	U	0.10	U	40	UJ	0.32	U	0.32	U
Chloroform	7	3.5	J	1.9	U	2.1	J	2.1	J	1.60	J	1.7	J	1	J	0.33	U	0.33	U
Chloromethane	5	2.3	U	2.3	U	0.10	U*	0.5	U	0.10	U	0.10	U	40	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	78		1.8	U	53		39	J	28		20		15	J	3.6		4	
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.22	U	0.22	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.3	U	0.3	U
Methylene chloride	5	1.3	U	1.3	U	0.23	JB	8.4	JB	0.42	JB	0.10	U	40	U	0.32	U	0.32	U
Styrene	5	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.42	U	0.42	U
Tetrachloroethene	5	70		640	J	100	B	96		67		88		89		260		300	
Toluene	5	1.6	U	1.6	U	0.11	J	0.5	U	0.10	U	0.10	U	40	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	0.55	J	0.93	J	2.0	J	0.10	U	40	U	0.24	U	0.37	J
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	0.49	U	0.49	U
Trichloroethene	5	410	D	13		560		510		410		530		500		8.2		9.4	
Vinyl chloride	2	2.3	U	2.3	U	0.10	U*	0.5	U	0.10	U	0.10	U	40	U	0.17	U	0.17	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	0.82	U	0.10	U	0.5	U	0.10	U	0.10	U	40	U	82	U	0.65	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2019								2018								2017	
Sample Location:		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A	
Sample Date:		Sep-19		Sep-19		Jun-19		Mar-19		Dec-18		Sep-18		Jun-18		Mar-18		Dec-17	
Screen Interval:		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		119-129 feet bgs	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.48	U	2.4	U	4.8	UJ	1.2	U	2.0	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.73	U	3.7	U	7.3	UJ	1.8	U	2.0	U	2.5	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.87	U	4.3	U	8.7	UJ	2.2	U	2.0	U	2.5	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.53	U	2.6	U	5.3	UJ	1.3	U	2.0	U	2.5	U
1,1-Dichloroethene	5	0.46	J	0.41	J	0.26	U	0.75	J	1.2	U	2.3	UJ	0.59	U	2.0	U	2.5	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.86	U	4.3	U	8.6	U	2.2	U	2.0	U	2.5	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.71	U	3.5	U	7.1	UJ	1.8	U	2.0	U	2.5	U
2-Butanone (MEK)	50	8.3	J+	11	J+	1.9	U	3.7	U	19	U	37	UJ	9.3	U	2.0	U	2.5	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	5.8	U	29	U	58	UJ	15	U	2.0	U	2.5	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	5.5	U	27	U	55	UJ	14	U	2.0	U	2.5	U
Acetone	50	4.4	U	4.4	U	4.4	U	10	U	52	B	100	UJ	25	U	2.0	U	2.5	U
Benzene	1	0.2	U	0.2	U	0.2	U	0.86	U	4.3	U	8.6	UJ	2.1	U	2.0	U	2.5	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.69	U	3.4	U	6.9	UJ	1.7	U	2.0	U	2.5	U
Bromoform	50	0.54	U	0.54	U	0.54	U	1.1	U	5.4	U	11	UJ	2.7	U	2.0	U	2.5	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	2	U	10	UJ	20	UJ	5	U	2.0	U	2.5	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.31	U	1.6	U	3.1	UJ	0.78	U	2.0	U	2.5	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.42	U	2.1	U	4.2	UJ	1	U	2.0	U	2.5	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.75	U	3.8	U	7.5	UJ	1.9	U	2.0	U	2.5	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.82	U	4.1	U	8.2	UJ	2.1	U	2.0	U	2.5	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.64	U	3.2	U	6.4	UJ	1.6	U	2.0	U	2.5	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.65	U	3.3	U	6.5	UJ	1.6	U	2.0	U	2.5	U
Chloromethane	5	0.4	U	0.4	U	0.4	UJ	0.29	U	1.4	UJ	2.9	UJ	0.72	U	2.0	U	2.5	U
cis-1,2-Dichloroethene	5	2.7		2.8		2		0.98	J	2.7	J	4.4	UJ	14		35	J	23	J
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.91	U	4.6	U	9.1	UJ	2.3	U	2.0	U	2.5	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.6	U	3	U	6	UJ	1.5	U	2.0	U	2.5	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.63	U	3.2	U	6.3	UJ	1.6	U	2.0	U	2.5	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.83	U	4.2	U	8.3	UJ	2.1	U	2.0	U	2.5	U
Tetrachloroethene	5	340		350		390		570		2,900		3,000	J-	1,600		3,100		2,300	
Toluene	5	0.38	U	0.38	U	0.38	U	0.76	U	3.8	U	7.6	UJ	1.9	U	2.0	U	2.5	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.47	U	2.4	U	4.7	UJ	1.2	U	2.0	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.97	U	4.9	U	9.7	UJ	2.4	U	2.0	U	2.5	U
Trichloroethene	5	7.8		8.2		8.7		11		42		42	J-	45		100	J	57	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.34	U	1.7	U	3.4	UJ	0.86	U	2.0	U	2.5	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		1.5	U	NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		1.8	U	NA		NA	
Total Xylenes	5	0.65	U	0.65	U	0.65	U	0.59	U	6.5	U	13	UJ	NA		2.0	U	2.5	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2017										2016									
Sample Location:		FSMW-14A Sep-17 119-129 feet bgs (µg/L)		FSMW-14A Jun-17 119-129 feet bgs (µg/L)		FSMW-14A - Duplicate Jun-17 119-129 feet bgs (µg/L)		FSMW-14A Mar-17 119-129 feet bgs (µg/L)		FSMW-14A - Duplicate Mar-17 119-129 feet bgs (µg/L)		FSMW-14A Dec-16 119-129 feet bgs (µg/L)		FSMW-14A - Duplicate Dec-16 119-129 feet bgs (µg/L)		FSMW-14A Sep-16 119-129 feet bgs (µg/L)		FSMW-14A Jun-16 119-129 feet bgs (µg/L)			
Sample Date:																					
Screen Interval:																					
Units:																					
Analyte																					
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	0.23	J	0.15	J	2.0	U	2.0	U	2.0	U	2.0	U		
1,1,2,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	UJ	2.0	U	2.0	U		
1,1,2-Trichloroethane	1	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	0.56	J	0.67	J	2.0	U	2.0	U	2.0	U	2.0	U		
1,1-Dichloroethene	5	2.5	U	2.5	UJ	2.5	UJ	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
1,2-Dichloroethane	0.6	2.5	U	2.5	U	2.5	U	0.10	UJ	0.10	UJ	2.0	U	2.0	U	2.0	U	2.0	U		
1,2-Dichloropropane	1	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	U	2.0	U	2.0	U		
2-Butanone (MEK)	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	UJ	2.0	U	2.0	U		
2-Hexanone	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
4-Methyl-2-Pentanone (MIBK)	NC	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ	2.0	U	2.0	U	2.0	U		
Acetone	50	2.5	U	2.5	UJ	2.5	UJ	0.10	UJ	0.10	UJ	2.0	U	2.0	UJ	2.0	UJ	2.0	UJ		
Benzene	1	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Bromodichloromethane	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Bromoform	50	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Bromomethane	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	UJ	2.0	U		
Carbon disulfide	60	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Carbon tetrachloride	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	0.37	J	0.34	J	2.0	U	2.0	U	2.0	U	2.0	U		
Chlorobromomethane	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Chloroethane	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Chloroform	7	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Chloromethane	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	UJ	2.0	U	2.0	U		
cis-1,2-Dichloroethene	5	39	J	50	J	45	J	21		21		8.9	J	7.2	J	13	J	18	J		
cis-1,3-Dichloropropene	0.4	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Methylene chloride	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Styrene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Tetrachloroethene	5	2,900		3,600		3,600		1,700	D	1,800	D	1,600		1,400		2,000		2,100			
Toluene	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	0.27	J	0.28	J	2.0	U	2.0	U	2.0	U	2.0	U		
trans-1,3-Dichloropropene	0.4	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		
Trichloroethene	5	89	J	100	J	100	J	86		83	J	36	J	32	J	50	J	62	J		
Vinyl chloride	2	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	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	2.5	U	2.5	UJ	2.5	UJ	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U		

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2016				2015				2014		2013				2012			
Sample Location:	NYSDEC	FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A - Duplicate	
Sample Date:	Class GA GW	Jun-16		Apr-16		Sep-15		Sep-15		Oct-14		Oct-13		Oct-13		Nov-12		Nov-12	
Screen Interval:	Standard ¹	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		119-129 feet bgs	
Units:	(µg/L)	(µg/L)		(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	42	U	42	U	210	U	2.1	U	84	U	2.1	U	8.4	U
1,1,2,2-Tetrachloroethane	5	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	U	6	U
1,1,2-Trichloroethane	1	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U	7.6	U
1,1-Dichloroethane	5	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U
1,1-Dichloroethene	5	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U	100	U	2.5	U	10	U
1,2-Dichloroethane	0.6	2.0	U	2.0	U	17	U	17	U	83	U	0.83	U	33	U	0.83	U	3.3	U
1,2-Dichloropropane	1	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U
2-Butanone (MEK)	50	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	U	6	U
2-Hexanone	50	2.0	U	2.0	U	36	U	36	U	180	U	1.8	U	72	U	1.8	U	7.2	U
4-Methyl-2-Pentanone (MIBK)	NC	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U
Acetone	50	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U	7.6	U
Benzene	1	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U
Bromodichloromethane	50	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U	60	U	1.5	U	6	U
Bromoform	50	2.0	U	2.0	U	100	U	100	U	500	U	5.0	U	200	U	5.0	U	20	U
Bromomethane	5	2.0	U	2.0	U	86	U	86	U	430	U	4.3	U	170	U	4.3	U	17	U
Carbon disulfide	60	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U	84	U	2.1	U	8.4	U
Carbon tetrachloride	5	2.0	U	2.0	U	40	U	40	U	200	U	2.0	U	80	U	2.0	U	8.0	U
Chlorobenzene	5	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U
Chlorobromomethane	5	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U
Chloroethane	5	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U	100	U	2.5	U	10	U
Chloroform	7	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U	7.6	U
Chloromethane	5	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U	92	U	2.3	U	9.2	U
cis-1,2-Dichloroethene	5	17	J	7.5	J	36	U	36	U	180	U	61		72	R	190		190	
cis-1,3-Dichloropropene	0.4	2.0	U	2.0	U	28	U	28	U	140	U	1.4	U	56	U	1.4	U	5.6	U
Ethylbenzene	5	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U
Methylene chloride	5	2.0	U	2.0	U	26	U	26	U	130	U	1.3	U	52	U	1.3	U	5.2	U
Styrene	5	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U	68	U	1.7	U	6.8	U
Tetrachloroethene	5	2,100		2,000		2,700		3,300		10,000		12,000	D	11,000	D	37,000	D	34,000	D
Toluene	5	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U
trans-1,2-Dichloroethene	5	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U	76	U	1.9	U	7.6	U
trans-1,3-Dichloropropene	0.4	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U	64	U	1.6	U	6.4	U
Trichloroethene	5	57	J	44	J	80	J	100	J	340	J	340	J	340	J	1,400	J	1,400	J
Vinyl chloride	2	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U	92	U	2.3	U	9.2	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	2.0	U	2.0	U	16	U	16	U	0.82	U	33	U	0.82	U	3.3	U	4.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2010		2009		2008				2007		2006		2019					
Sample Location:		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14B		FSMW-14B		FSMW-14B	
Sample Date:		Sep-10		Sep-09		Sep-08		Sep-08		Aug-07		Aug-06		12/03/2019		Sep-19		Jun-19	
Screen Interval:		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		119-129 feet bgs		159-169 feet bgs		159-169 feet bgs		159-169 feet bgs	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	4.0	U	50	U	5.0	U	5.0	U	12		2,000	U	1.2	U	1.2	U	0.48	U
1,1,2,2-Tetrachloroethane	5	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1.8	U	1.8	U	0.73	U
1,1,2-Trichloroethane	1	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.2	U	2.2	U	0.87	U
1,1-Dichloroethane	5	4.0	U	1.8	J	5.0	U	5.0	U	1.2	J	2,000	U	1.3	U	1.3	U	0.53	U
1,1-Dichloroethene	5	6.9	J	3.2	J	5.0	U	5.0	U	7.0	J	2,000	U	1.3	U	1.3	U	0.53	U
1,2-Dichloroethane	0.6	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.2	U	2.2	U	0.86	U
1,2-Dichloropropane	1	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1.8	U	1.8	U	0.71	U
2-Butanone (MEK)	50	4.0	U*	50	U	5.0	U	5.0	U	0.10	U	2,000	U	9.3	U	9.3	U	3.7	U
2-Hexanone	50	4.0	U*	50	U	5.0	U	5.0	U	0.10	U	2,000	U	5.7	U	5.7	U	2.3	U
4-Methyl-2-Pentanone (MIBK)	NC	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	6.5	U	6.5	U	2.6	U
Acetone	50	7.6	JB*	280	JB	5.0	U*	5.0	U*	0.10	U	2,000	U	52		22	U	8.8	U
Benzene	1	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1	U	1	U	0.41	U
Bromodichloromethane	50	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1.7	U	1.7	U	0.69	U
Bromoform	50	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.7	UJ	2.7	U	1.1	U
Bromomethane	5	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	UJ	2.8	U	2.8	U	1.1	U
Carbon disulfide	60	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	4.1	U	4.1	U	1.6	U
Carbon tetrachloride	5	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1	UJ	1	U	0.42	U
Chlorobenzene	5	4.0	U	50	U	5.0	U	5.0	U	8.3	J	2,000	U	1.9	U	1.9	U	0.75	U
Chlorobromomethane	5	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.1	U	2.1	U	0.82	U
Chloroethane	5	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	UJ	1.6	U	1.6	U	0.64	U
Chloroform	7	4.0	U	50	U	66	J	67	J	0.10	U	2,000	U	1.6	U	1.6	U	0.65	U
Chloromethane	5	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2	U	2	U	0.8	UJ
cis-1,2-Dichloroethene	5	330	J	440	J	570		590		700	J	460	J	9.3		8.9		65	
cis-1,3-Dichloropropene	0.4	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	1.1	U	1.1	U	0.44	U
Ethylbenzene	5	4.0	U	50	U	5.0	U	5.0	U	0.30	J	2,000	U	1.5	U	1.5	U	0.6	U
Methylene chloride	5	41	JB	1,000	JB	64	JB	56	JB	0.10	U	2,000	U	1.6	U	1.6	U	0.63	U
Styrene	5	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.1	U	2.1	U	0.83	U
Tetrachloroethene	5	48,000		59,000		58,000		61,000		75,000		32,000		1,100		1,300		490	
Toluene	5	4.0	U	50	U	5.0	U	5.0	U	2.9	J	2,000	U	1.9	U	1.9	U	0.76	U
trans-1,2-Dichloroethene	5	4.4	J	50	U	5.0	U	5.0	U	5.9	J	2,000	U	1.2	U	1.2	U	1.7	J
trans-1,3-Dichloropropene	0.4	4.0	U	50	U	5.0	U	5.0	U	0.10	U	2,000	U	2.4	U	2.4	U	0.97	U
Trichloroethene	5	1,500		1,800	J	2,200		2,100		2,300	J	1,200	J	33		38		65	
Vinyl chloride	2	4.0	U	50	U	5.0	U	5.0	U	0.94	J	2,000	U	0.86	U	0.86	U	0.34	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	50	U	5.0	U	5.0	U	1.6	J	2,000	U	16	U	3.3	U	3.3	U	1.3	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2019		2018								2017					
Sample Location:		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate	
Sample Date:		Mar-19		Dec-18		Sep-18		Jun-18		Mar-18		Dec-17		Sep-17		Sep-17	
Screen Interval:		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	
Analyte	Units:	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
1,1,1-Trichloroethane	5	1.2	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	1.8	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	2.2	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	1.3	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	0.59	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	2.2	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	1.8	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	9.3	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	15	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	14	U	14	U	14	UJ	14	U	2.0	U	2.5	U	2.5	U	2.5	U
Acetone	50	25	U	29	B	25	UJ	25	U	2.0	U	2.5	U	2.5	U	2.5	U
Benzene	1	2.1	U	2.1	U	2.1	UJ	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	1.7	U	1.7	U	1.7	UJ	1.7	U	2.0	U	2.5	U	2.5	U	2.5	U
Bromoform	50	2.7	U	2.7	U	2.7	UJ	2.7	U	2.0	U	2.5	U	2.5	U	2.5	U
Bromomethane	5	5	U	5	U	5	UJ	5	U	2.0	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	0.78	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	1	U	1	U	1	UJ	1	U	2.0	U	2.5	U	2.5	U	2.5	U
Chlorobenzene	5	1.9	U	1.9	U	1.9	UJ	1.9	U	2.0	U	2.5	U	2.5	U	2.5	U
Chlorobromomethane	5	2.1	U	2.1	U	2.1	UJ	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	1.6	U	1.6	U	1.6	UJ	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U
Chloroform	7	1.6	U	1.6	U	1.6	UJ	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U
Chloromethane	5	0.72	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	9.5		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	2.3	U	2.3	U	2.3	UJ	2.3	U	2.0	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	1.5	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	1.6	U	1.6	U	1.6	UJ	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U
Styrene	5	2.1	U	2.1	U	2.1	UJ	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	950		1,300		1,100	J-	1,600		2,100		2,400		2,300		2,000	
Toluene	5	1.9	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	1.2	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	2.4	U	2.4	U	2.4	UJ	2.4	U	2.0	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	29		36		33	J-	33		53	J	53	J	44	J	36	J
Vinyl chloride	2	0.86	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	1.5	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2017						2016										2015		2014		
Sample Location:		FSMW-14B Jun-17			FSMW-14B Mar-17			FSMW-14B Dec-16		FSMW-14B Sep-16		FSMW-14B Jun-16		FSMW-14B Apr-16		FSMW-14B - Duplicate Apr-16		FSMW-14B Sep-15		FSMW-14B Oct-14		
Sample Date:		159-169 feet bgs (µg/L)			159-169 feet bgs (µg/L)			159-169 feet bgs (µg/L)		159-169 feet bgs (µg/L)		159-169 feet bgs (µg/L)		159-169 feet bgs (µg/L)		159-169 feet bgs (µg/L)		159-169 feet bgs (µg/L)		159-169 feet bgs (µg/L)		
Screen Interval: Units:																						
Analyte																						
1,1,1-Trichloroethane	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	42	U	42	U	
1,1,2,2-Tetrachloroethane	5	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	
1,1,2-Trichloroethane	1	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	
1,1-Dichloroethane	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	
1,1-Dichloroethene	5	2.5	UJ	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	50	U	50	U	
1,2-Dichloroethane	0.6	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	17	U	17	U	
1,2-Dichloropropane	1	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	
2-Butanone (MEK)	50	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	
2-Hexanone	50	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	36	U	36	U	
4-Methyl-2-Pentanone (MIBK)	NC	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	
Acetone	50	2.5	UJ	1.0	UJ	1.0	UJ	1.0	UJ	2.0	UJ	2.0	U	2.0	U	2.0	U	38	U	38	U	
Benzene	1	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	
Bromodichloromethane	50	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	
Bromoform	50	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	100	U	100	UJ	
Bromomethane	5	2.5	U	1.0	U	1.0	U	1.0	UJ	2.0	U	2.0	U	2.0	U	2.0	U	86	U	86	U	
Carbon disulfide	60	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	42	U	42	U	
Carbon tetrachloride	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	40	U	40	U	
Chlorobenzene	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	
Chlorobromomethane	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	
Chloroethane	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	50	U	50	U	
Chloroform	7	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	
Chloromethane	5	2.5	U	1.0	U	1.0	UJ	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U	
cis-1,2-Dichloroethene	5	2.5	UJ	2.5	J	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	36	U	36	U	
cis-1,3-Dichloropropene	0.4	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	28	U	28	U	
Ethylbenzene	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	
Methylene chloride	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	26	U	26	U	
Styrene	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	
Tetrachloroethene	5	1,600		1,500		1,500		1,600		2,000		1,600		1,800		2,600		3,300				
Toluene	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	
trans-1,2-Dichloroethene	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	
trans-1,3-Dichloropropene	0.4	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	
Trichloroethene	5	29	J	28	J	24	J	25	J	23	J	20	J	26	J	38	U	38	U			
Vinyl chloride	2	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U	
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		
Total Xylenes	5	2.5	UJ	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	16	U	16	U	

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2014		2013		2012		2010				2009		2008		2007		2006	
Sample Location:	NYSDEC	FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B - Duplicate		FSMW-14B		FSMW-14B		FSMW-14B		FSMW-14B	
Sample Date:	Class GA GW	Oct-14		Oct-13		Nov-12		Sep-10		Sep-10		Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval:	Standard ¹	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		159-169 feet bgs	
Units:	(µg/L)	(µg/L)		(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	6.3	J	24	J	24	J	36	J	48	J	75		400	U
1,1,2,2-Tetrachloroethane	5	30	U	30	U	1.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
1,1,2-Trichloroethane	1	38	U	38	U	1.9	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
1,1-Dichloroethane	5	34	U	34	U	1.7	U	2.0	J	2.0	J	5	U	1.0	U	11		400	U
1,1-Dichloroethene	5	50	U	50	U	2.5	U	3.9	J	5.1	J	19	J	13	J	36		400	U
1,2-Dichloroethane	0.6	17	U	17	U	0.83	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
1,2-Dichloropropane	1	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
2-Butanone (MEK)	50	30	U	30	U	1.5	U	0.40	U*	0.40	U*	5	U	1.0	U	0.10	U	400	U
2-Hexanone	50	36	U	36	U	1.8	U	0.40	U*	0.40	U*	5	U	1.0	U	0.10	U	400	U
4-Methyl-2-Pentanone (MIBK)	NC	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Acetone	50	38	U	38	U	1.9	U	1.2	JB*	1.2	JB*	23	JB	1.0	U	0.10	U	400	U
Benzene	1	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Bromodichloromethane	50	30	U	30	U	1.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Bromoform	50	100	UJ	100	U	5.0	UJ	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Bromomethane	5	86	U	86	U	4.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	UJ
Carbon disulfide	60	42	U	42	U	2.1	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Carbon tetrachloride	5	40	U	40	U	2	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Chlorobenzene	5	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.84	J	400	U
Chlorobromomethane	5	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Chloroethane	5	50	U	50	U	2.5	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	UJ
Chloroform	7	38	U	38	U	1.9	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Chloromethane	5	46	U	46	U	2.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
cis-1,2-Dichloroethene	5	36	U	36	U	11		11	J	11	J	12	J	22		28		400	U
cis-1,3-Dichloropropene	0.4	28	U	28	U	1.4	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Ethylbenzene	5	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Methylene chloride	5	26	U	26	U	1.3	U	4.7	JB	3.6	JB	96	JB	13	JB	0.10	U	400	U
Styrene	5	34	U	34	U	1.7	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Tetrachloroethene	5	3,300		2,600		5,500	D	4,500		4,600		5,200		13,000		13,000		3,600	
Toluene	5	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
trans-1,2-Dichloroethene	5	38	U	38	U	1.9	U	0.66	J	0.40	U	5	U	1.0	U	0.10	U	400	U
trans-1,3-Dichloropropene	0.4	32	U	32	U	1.6	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U
Trichloroethene	5	38	U	38	U	93		17	J	17	J	19	J	140		91		400	U
Vinyl chloride	2	46	U	46	U	2.3	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	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	16	U	0.82	U	0.40	U	0.40	U	5	U	1.0	U	0.10	U	400	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2019		2018		2016		2015		2014		2013		2012		2010		2009	
Sample Location:	NYSDEC	FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C		FSMW-14C	
Sample Date:	Class GA GW	Jun-19		Mar-18		Dec-16		Sep-15		Oct-14		Oct-13		Nov-12		Sep-10		Sep-09	
Screen Interval:	Standard ¹	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		239-249 feet bgs	
Units:	(µg/L)	(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.24	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.91	J	0.86	J
1,1,2,2-Tetrachloroethane	5	0.37	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.39	J	0.97	J	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	2.0	J	1.8	J
1,1-Dichloroethene	5	1		4.1	J	1.0	J	2.5	U	2.5	U	2.5	U	2.5	J	3.8	J	3.2	J
1,2-Dichloroethane	0.6	0.43	U	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.35	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.9	U	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U
2-Hexanone	50	1.1	U	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Acetone	50	4.4	U	0.10	U	0.10	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.2	JB*	0.10	U
Benzene	1	0.2	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U
Bromomethane	5	0.55	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U
Carbon disulfide	60	0.82	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U
Carbon tetrachloride	5	1.5		5.2	J	3.2	J	9.0	J	8.1	J	7.6	J	12		18		16	
Chlorobenzene	5	0.38	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroform	7	1.5		3.3	J	1.6	J	3.6	J	2.5	J	1.9	U	1.9	U	1.4	J	1.1	J
Chloromethane	5	0.4	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U
cis-1,2-Dichloroethene	5	6.9		21		6.4	J	33		20		18		16		9.9	J	5.6	J
cis-1,3-Dichloropropene	0.4	0.22	U	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Methylene chloride	5	0.32	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	0.30	JB	0.4	JB
Styrene	5	0.42	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Tetrachloroethene	5	9.1		25		8.5	J	34		25		20		29		25	B	21	
Toluene	5	0.38	U	0.10	U	0.35	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.11	J
trans-1,2-Dichloroethene	5	0.31	J	0.64	J	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.15	J	0.13	J
trans-1,3-Dichloropropene	0.4	0.49	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Trichloroethene	5	37		130		44		190		140		120		130		130		90	
Vinyl chloride	2	0.17	U	0.10	U	0.10	U	2.3	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		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.65	U	0.10	U	0.10	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:		2009		2008		2007		2006	
Sample Location:	NYSDEC	FSMW-14C - Duplicate		FSMW-14C		FSMW-14C		FSMW-14C	
Sample Date:	Class GA GW	Sep-09		Sep-08		Aug-07		Aug-06	
Screen Interval:	Standard ¹	239-249 feet bgs		239-249 feet bgs		239-249 feet bgs		239-249 feet bgs	
Units:	(µg/L)	(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte									
1,1,1-Trichloroethane	5	0.85	J	1.3	J	1.9	J	3	J
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	10	U
1,1-Dichloroethane	5	1.8	J	2.4	J	3.1	J	5	J
1,1-Dichloroethene	5	3.2	J	4.0	J	5.5	J	8	J
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	0.10	U	10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	0.10	U	0.10	UJ	0.10	UJ	10	U
Benzene	1	0.10	U	0.10	U	0.10	U	10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	16	J	26		33		45	
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	10	U
Chloroform	7	1	J	1.1	J	1.3	J	1	J
Chloromethane	5	0.10	U	0.10	U	0.10	U	10	U
cis-1,2-Dichloroethene	5	5.5	J	7.1	J	6.2	J	6	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	0.39	JB	0.10	U	0.10	U	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	23		28		37		36	
Toluene	5	0.10	U	0.10	U	0.10	U	10	U
trans-1,2-Dichloroethene	5	0.14	J	0.10	U	0.10	U	10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	90		140		160		140	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	10	U
m+p Xylene	5	NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	10	U

Notes:

1 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 Deteted value exceeds criteria

U Undetected

J Estimated

J- Estimated and biased low

J+ Estimated and biased high

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

R Rejected

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

Qualifiers used for results prior to Q2 2018:

D Indicates results are based on a dilution.

E Estimated result, indicates analyte exceeded instrument calibration range.

Figures

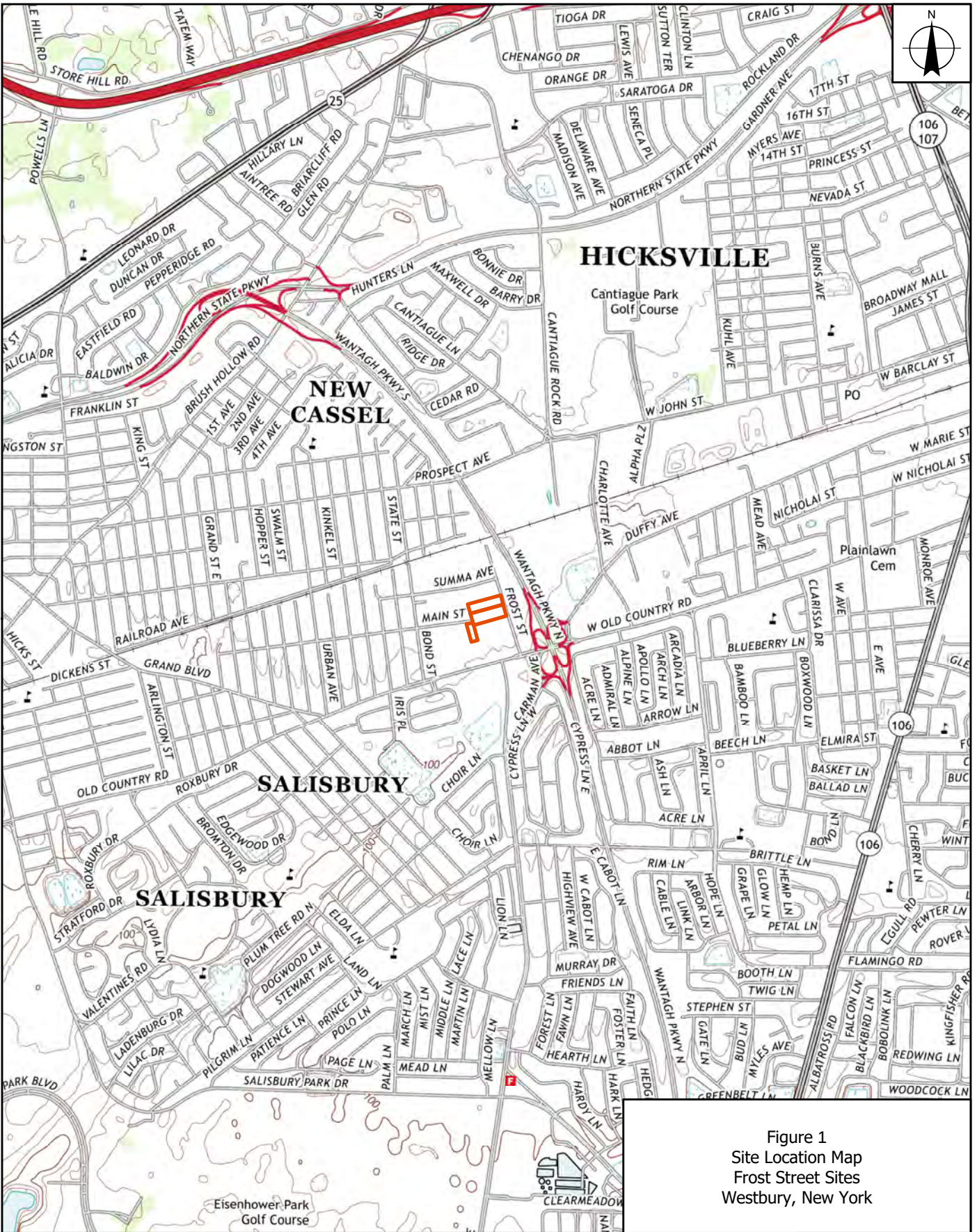


Figure 1
Site Location Map
Frost Street Sites
Westbury, New York

LEGEND

 FROST STREET SITES BOUNDARIES

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 1,000 2,000

SCALE IN FEET

REQUESTED BY:	AS
DRAWN BY:	MS
DATE:	9/13/2018
PROJECT:	0888820265

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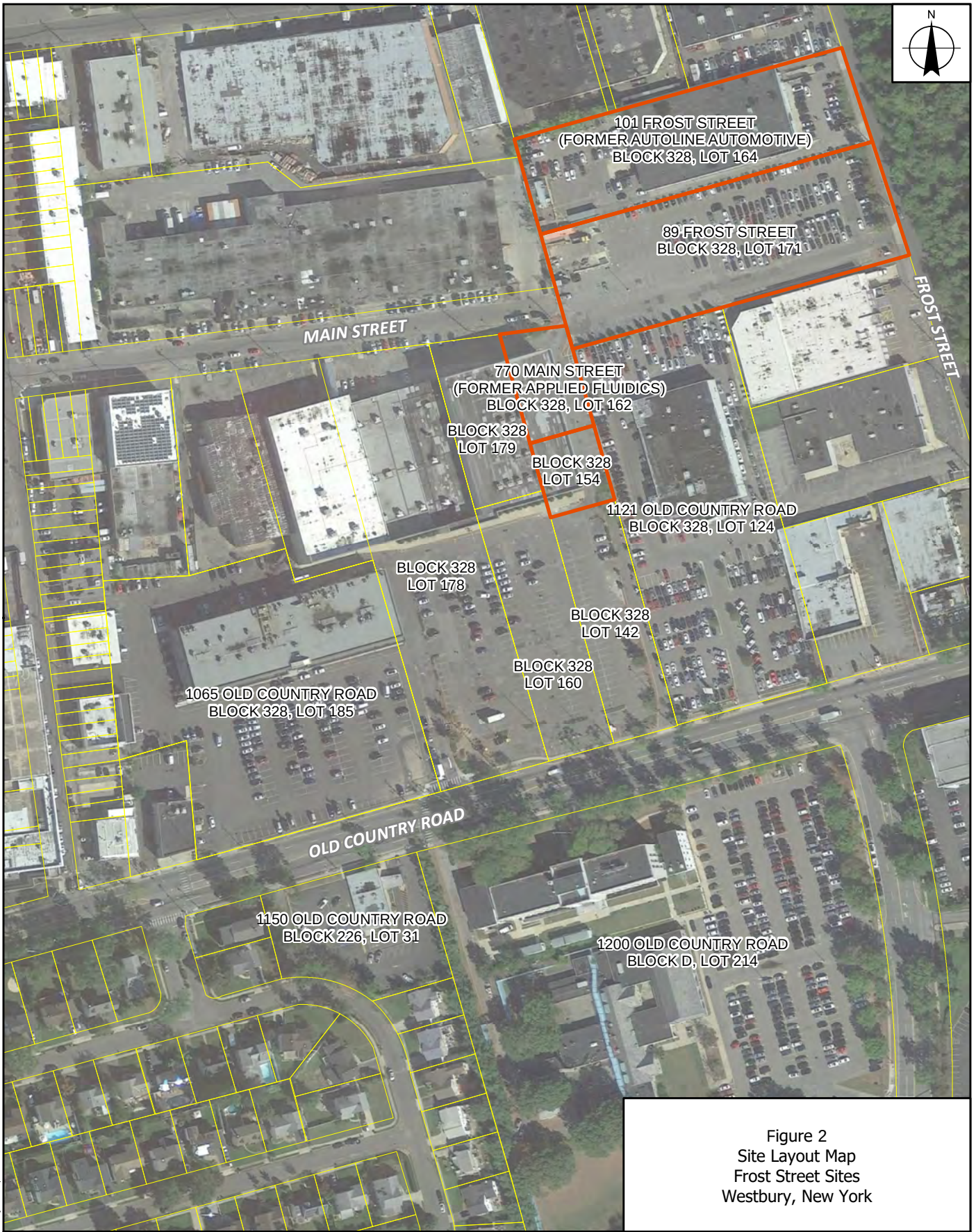
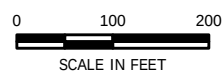


Figure 2
Site Layout Map
Frost Street Sites
Westbury, New York

LEGEND

- ORIGINAL SITE BOUNDARIES
- SURROUNDING PARCELS

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET



REQUESTED BY:	AS
DRAWN BY:	MS
DATE:	9/20/2018
PROJECT:	0888820265

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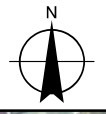


Figure 3
Monitoring Plan
Frost Street Sites
Westbury, New York

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

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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Appendix

DATA USABILITY SUMMARY REPORT FOURTH QUARTER 2019 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
www.ensafe.com



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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 3 and 5, 2019. Eurofins TestAmerica Laboratories Inc. in Edison, New Jersey (New York State Department of Health Environmental Laboratory Approval Program certificate number 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 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 2B electronic and manual data validation, consisting of review of analytical results and quality control (QC) summaries, was performed on groundwater samples from sample delivery group (SDG) 460-198386-1.

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
* Instrument tuning	* Matrix spike/matrix spike duplicate
* Initial calibration	* Laboratory blank contamination
* Initial calibration verification	* Field blank contamination (equipment, field, and 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

- 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.
- T** = The laboratory control sample was outside acceptable quality control limits.

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 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.

3.0 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 percent difference (%D) is close to the known concentrations, the reported analyte concentrations are assumed to be accurate. As shown on Table 3-1, bromoform and carbon tetrachloride were qualified in several samples because CCV %Ds were outside the acceptable limit of less than 20% when the response was compared to the initial calibration.

Table 3-1 Continuing Calibration Verification Outliers				
Calibration Identification	Analyte	% D (QC Limit < 20 %)	Associated Samples	Flags
CCVIS 460-662428/3	Bromoform	43.7	DUP01-120319	UJ
CCVIS 460-662428/3	Carbon tetrachloride	30.5	DUP01-120319	UJ
CCVIS 460-662202/3	Bromoform	-28.6	FB01-120319, TB01-120219	UJ
CCVIS 460-662202/3	Carbon tetrachloride	-45.1	FB01-120319, TB01-120219	UJ
CCVIS 460-662307/3	Bromoform	-26.4	EB01-120319, FSMW13A-120319, FSMW14A-120319, FSMW14B-120319, FSMW1A-120419, FSMW2A-120519, FSMW2B-120519, FSMW4A-120419, FSMW4B-120419, FSMW8A-120419	UJ
CCVIS 460-662307/3	Carbon tetrachloride	-40.4	EB01-120319, FSMW13A-120319, FSMW14A-120319, FSMW14B-120319, FSMW1A-120419, FSMW2A-120519, FSMW2B-120519, FSMW4A-120419, FSMW4B-120419, FSMW8A-120419	UJ

Notes:

%D = Percent difference
QC = Quality control
UJ = Undetected and estimated

4.0 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. A total of 442 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%. All data were acceptable without qualification; therefore, the data are usable for their intended purpose, according to U.S. EPA guidelines.

Table 4-1 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 4-1 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
U	Undetected	No	Yes	None expected
UJ	Undetected and Estimated	No	Yes	Low

Attachment A
Sample and Analysis Summary

Table A-1
Sample and Analysis Summary
Volatile Organic Compounds

Sample Delivery Group	Sample Identification	Laboratory Identification	Sample Date	Sample Type
4601983861	EB01-120319	460-198386-1	12/3/2019	Equipment Blank
4601983861	FB01-120319	460-198386-2	12/3/2019	Field Blank
4601983861	TB01-120219	460-198386-3	12/2/2019	Trip Blank
4601983861	FSMW14A-120319	460-198386-4	12/3/2019	Groundwater
4601983861	FSMW14B-120319	460-198386-5	12/3/2019	Groundwater
4601983861	FSMW13A-120319	460-198386-6	12/3/2019	Groundwater
4601983861	FSMW8A-120419	460-198386-7	12/4/2019	Groundwater
4601983861	FSMW4A-120419	460-198386-8	12/4/2019	Groundwater
4601983861	FSMW4B-120419	460-198386-9	12/4/2019	Groundwater
4601983861	DUP01-120319	460-198386-10	12/3/2019	Duplicate of FSMW14A-120319
4601983861	FSMW1A-120419	460-198386-11	12/4/2019	Groundwater
4601983861	FSMW2A-120519	460-198386-12	12/5/2019	Groundwater
4601983861	FSMW2B-120519	460-198386-13	12/5/2019	Groundwater

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		4601983861			4601983861			4601983861			4601983861		
		Lab ID		460-198386-10			460-198386-11			460-198386-12			460-198386-13		
		Sample ID		DUP01-120319			FSMW1A-120419			FSMW2A-120519			FSMW2B-120519		
		Sample Date		12/3/2019			12/4/2019			12/5/2019			12/5/2019		
		Sample Type		Duplicate			Groundwater			Groundwater			Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC
SW8260C	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	U		0.24	U		0.48	U		0.24	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U		0.37	U		0.73	U		0.37	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/l	0.43	U		0.43	U		0.87	U		0.43	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/l	0.26	U		0.26	U		0.53	U		0.26	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/l	0.45	J		0.26	U		0.53	U		0.26	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/l	0.43	U		0.43	U		0.86	U		0.43	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/l	0.35	U		0.35	U		0.71	U		0.35	U	
SW8260C	2-Hexanone	591-78-6	µg/l	1.1	U		1.1	U		2.3	U		1.1	U	
SW8260C	Acetone	67-64-1	µg/l	4.4	U		4.4	U		15			4.4	U	
SW8260C	Benzene	71-43-2	µg/l	0.2	U		0.2	U		0.41	U		0.2	U	
SW8260C	Bromochloromethane	74-97-5	µg/l	0.41	U		0.41	U		0.82	U		0.41	U	
SW8260C	Bromodichloromethane	75-27-4	µg/l	0.34	U		0.34	U		0.69	U		0.34	U	
SW8260C	Bromoform	75-25-2	µg/l	0.54	UJ	c	0.54	UJ	c	1.1	UJ	c	0.54	UJ	c
SW8260C	Bromomethane	74-83-9	µg/l	0.55	U		0.55	U		1.1	U		0.55	U	
SW8260C	Carbon Disulfide	75-15-0	µg/l	0.82	U		0.82	U		1.6	U		0.82	U	
SW8260C	Carbon Tetrachloride	56-23-5	µg/l	0.21	UJ	c	0.21	UJ	c	0.42	UJ	c	0.21	UJ	c
SW8260C	Chlorobenzene	108-90-7	µg/l	0.38	U		0.38	U		0.75	U		0.38	U	
SW8260C	Chloroethane	75-00-3	µg/l	0.32	U		0.32	U		0.64	U		0.32	U	
SW8260C	Chloroform	67-66-3	µg/l	0.33	U		0.33	U		0.65	U		0.33	U	
SW8260C	Chloromethane	74-87-3	µg/l	0.4	U		0.4	U		0.8	U		0.4	U	
SW8260C	Cis-1,2-Dichloroethylene	156-59-2	µg/l	4			2.1			30			0.22	U	
SW8260C	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U		0.22	U		0.44	U		0.22	U	
SW8260C	Ethylbenzene	100-41-4	µg/l	0.3	U		0.3	U		0.6	U		0.3	U	
SW8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U		1.9	U		3.7	U		1.9	U	
SW8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U		1.3	U		2.6	U		1.3	U	
SW8260C	Methylene Chloride	75-09-2	µg/l	0.32	U		0.32	U		0.63	U		0.32	U	
SW8260C	Styrene	100-42-5	µg/l	0.42	U		0.42	U		0.83	U		0.42	U	
SW8260C	Tetrachloroethylene (PCE)	127-18-4	µg/l	300			54			800			3		
SW8260C	Toluene	108-88-3	µg/l	0.38	U		0.38	U		0.76	U		0.38	U	
SW8260C	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.37	J		0.24	U		0.76	J		0.24	U	
SW8260C	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.49	U		0.49	U		0.97	U		0.49	U	
SW8260C	Trichloroethylene (TCE)	79-01-6	µg/l	9.4			6.4			39			0.31	U	
SW8260C	Vinyl Chloride	75-01-4	µg/l	0.17	U		0.17	U		0.34	U		0.17	U	
SW8260C	Xylenes	1330-20-7	µg/l	0.65	U		0.65	U		1.3	U		0.65	U	

Table B-1 (Continued)
Groundwater Sample Final Results after Data Review

		Sample Delivery Group		4601983861			4601983861			4601983861			4601983861		
		Lab ID		460-198386-4			460-198386-5			460-198386-6			460-198386-7		
		Sample ID		FSMW14A-120319			FSMW14B-120319			FSMW13A-120319			FSMW8A-120419		
		Sample Date		12/3/2019			12/3/2019			12/3/2019			12/4/2019		
		Sample Type		Groundwater			Groundwater			Groundwater			Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC
SW8260C	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	U		1.2	U		0.24	U		0.24	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U		1.8	U		0.37	U		0.37	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/l	0.43	U		2.2	U		0.43	U		0.43	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/l	0.26	U		1.3	U		0.26	U		0.26	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/l	0.43	J		1.3	U		0.26	U		0.26	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/l	0.43	U		2.2	U		0.43	U		0.43	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/l	0.35	U		1.8	U		1.3			0.35	U	
SW8260C	2-Hexanone	591-78-6	µg/l	1.1	U		5.7	U		1.1	U		1.1	U	
SW8260C	Acetone	67-64-1	µg/l	4.4	U		52			4.4	U		4.4	U	
SW8260C	Benzene	71-43-2	µg/l	0.2	U		1	U		0.2	U		0.2	U	
SW8260C	Bromochloromethane	74-97-5	µg/l	0.41	U		2.1	U		0.41	U		0.41	U	
SW8260C	Bromodichloromethane	75-27-4	µg/l	0.34	U		1.7	U		0.34	U		0.34	U	
SW8260C	Bromoform	75-25-2	µg/l	0.54	UJ	c	2.7	UJ	c	0.54	UJ	c	0.54	UJ	c
SW8260C	Bromomethane	74-83-9	µg/l	0.55	U		2.8	U		0.55	U		0.55	U	
SW8260C	Carbon Disulfide	75-15-0	µg/l	0.82	U		4.1	U		0.82	U		0.82	U	
SW8260C	Carbon Tetrachloride	56-23-5	µg/l	0.21	UJ	c	1	UJ	c	0.21	UJ	c	0.21	UJ	c
SW8260C	Chlorobenzene	108-90-7	µg/l	0.38	U		1.9	U		0.38	U		0.38	U	
SW8260C	Chloroethane	75-00-3	µg/l	0.32	U		1.6	U		0.32	U		0.32	U	
SW8260C	Chloroform	67-66-3	µg/l	0.33	U		1.6	U		0.33	U		0.33	U	
SW8260C	Chloromethane	74-87-3	µg/l	0.4	U		2	U		0.4	U		0.4	U	
SW8260C	Cis-1,2-Dichloroethylene	156-59-2	µg/l	3.6			9.3			9.2			0.22	U	
SW8260C	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U		1.1	U		0.22	U		0.22	U	
SW8260C	Ethylbenzene	100-41-4	µg/l	0.3	U		1.5	U		0.3	U		0.3	U	
SW8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U		9.3	U		1.9	U		1.9	U	
SW8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U		6.5	U		1.3	U		1.3	U	
SW8260C	Methylene Chloride	75-09-2	µg/l	0.32	U		1.6	U		0.32	U		0.32	U	
SW8260C	Styrene	100-42-5	µg/l	0.42	U		2.1	U		0.42	U		0.42	U	
SW8260C	Tetrachloroethylene (PCE)	127-18-4	µg/l	260			1100			270			6.1		
SW8260C	Toluene	108-88-3	µg/l	0.38	U		1.9	U		0.38	U		0.38	U	
SW8260C	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	U		1.2	U		0.4	J		0.24	U	
SW8260C	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.49	U		2.4	U		0.49	U		0.49	U	
SW8260C	Trichloroethylene (TCE)	79-01-6	µg/l	8.2			33			9.2			0.5	J	
SW8260C	Vinyl Chloride	75-01-4	µg/l	0.17	U		0.86	U		0.17	U		0.17	U	
SW8260C	Xylenes	1330-20-7	µg/l	0.65	U		3.3	U		0.65	U		0.65	U	

Table B-1 (Continued)
Groundwater Sample Final Results after Data Review

		Sample Delivery Group		4601983861			4601983861		
		Lab ID		460-198386-8			460-198386-9		
		Sample ID		FSMW4A-120419			FSMW4B-120419		
		Sample Date		12/4/2019			12/4/2019		
		Sample Type		Groundwater			Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC
SW8260C	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	U		0.24	U	
SW8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U		0.37	U	
SW8260C	1,1,2-Trichloroethane	79-00-5	µg/l	0.43	U		0.43	U	
SW8260C	1,1-Dichloroethane	75-34-3	µg/l	0.26	U		0.26	U	
SW8260C	1,1-Dichloroethene	75-35-4	µg/l	0.26	U		0.26	U	
SW8260C	1,2-Dichloroethane	107-06-2	µg/l	0.43	U		0.43	U	
SW8260C	1,2-Dichloropropane	78-87-5	µg/l	0.35	U		0.35	U	
SW8260C	2-Hexanone	591-78-6	µg/l	1.1	U		1.1	U	
SW8260C	Acetone	67-64-1	µg/l	4.4	U		4.4	U	
SW8260C	Benzene	71-43-2	µg/l	0.2	U		0.2	U	
SW8260C	Bromochloromethane	74-97-5	µg/l	0.41	U		0.41	U	
SW8260C	Bromodichloromethane	75-27-4	µg/l	0.34	U		0.34	U	
SW8260C	Bromoform	75-25-2	µg/l	0.54	UJ	c	0.54	UJ	c
SW8260C	Bromomethane	74-83-9	µg/l	0.55	U		0.55	U	
SW8260C	Carbon Disulfide	75-15-0	µg/l	0.82	U		0.82	U	
SW8260C	Carbon Tetrachloride	56-23-5	µg/l	0.21	UJ	c	0.21	UJ	c
SW8260C	Chlorobenzene	108-90-7	µg/l	0.38	U		0.38	U	
SW8260C	Chloroethane	75-00-3	µg/l	0.32	U		0.32	U	
SW8260C	Chloroform	67-66-3	µg/l	0.33	U		0.33	U	
SW8260C	Chloromethane	74-87-3	µg/l	0.4	U		0.4	U	
SW8260C	Cis-1,2-Dichloroethylene	156-59-2	µg/l	0.22	U		0.22	U	
SW8260C	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U		0.22	U	
SW8260C	Ethylbenzene	100-41-4	µg/l	0.3	U		0.3	U	
SW8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U		1.9	U	
SW8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U		1.3	U	
SW8260C	Methylene Chloride	75-09-2	µg/l	0.32	U		0.32	U	
SW8260C	Styrene	100-42-5	µg/l	0.42	U		0.42	U	
SW8260C	Tetrachloroethylene (PCE)	127-18-4	µg/l	25			3		
SW8260C	Toluene	108-88-3	µg/l	0.38	U		0.38	U	
SW8260C	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	U		0.24	U	
SW8260C	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.49	U		0.49	U	
SW8260C	Trichloroethylene (TCE)	79-01-6	µg/l	0.46	J		1		
SW8260C	Vinyl Chloride	75-01-4	µg/l	0.17	U		0.17	U	
SW8260C	Xylenes	1330-20-7	µg/l	0.65	U		0.65	U	

Table B-1 (Continued)
Groundwater Sample Final Results after Data Review

Notes:

CAS No	=	Chemical Abstract Services number
Qual	=	Final Qualifier
RC	=	Reason Code (see definition below)
µg/L	=	Micrograms per liter
U	=	Undetected — The analyte was undetected above the method detection limit.
UJ	=	Undetected and Estimated — The analyte was undetected above the method detection and qualified estimated due to a quality control outlier.
J	=	Estimated — The analyte concentration was detected below the reporting limit but above the method detection limit.
c	=	Continuing calibration outlier

Attachment C
NYSDEC Data Deliverables Packages

ANALYTICAL REPORT

Job Number: 460-198386-1

Job Description: Sanders/Frost St 0888823286

For:

EnSafe, Inc.

1233 Silas Deane Highway

Wethersfield, CT 06109

Attention: Alexandra Stark



Approved for release.
Angelica X Rosaperez
Project Mgmt. Assistant
12/24/2019 1:47 PM

Designee for
Kristyn L Tempe, Manager of Project Management
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
kristyn.tempe@testamericainc.com
12/24/2019

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.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Edison

777 New Durham Road, Edison, NJ 08817

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CASE NARRATIVE

Client: EnSafe, Inc.

Project: Sanders/Frost St 0888823286

Report Number: 460-198386-1

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 12/5/2019 7:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.3° 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.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples EB01-120319 (460-198386-1), FB01-120319 (460-198386-2), TB01-120219 (460-198386-3), FSMW14A-120319 (460-198386-4), FSMW14B-120319 (460-198386-5), FSMW13A-120319 (460-198386-6), FSMW8A-120419 (460-198386-7), FSMW4A-120419 (460-198386-8), FSMW4B-120419 (460-198386-9), DUP01-120319 (460-198386-10), FSMW1A-120419 (460-198386-11), FSMW2A-120519 (460-198386-12) and FSMW2B-120519 (460-198386-13) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 12/14/2019 and 12/15/2019.

The continuing calibration verification (CCV) analyzed in batch 460-662428, 460-662202 and 460-662307 was outside the method criteria for the following analytes: Bromoform and Carbon tetrachloride. 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 analytes is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-662202 recovered outside control limits for the following analyte: Carbon tetrachloride (biased low). This analyte was not detected in the associated samples; therefore, the data have been reported.

Tetrachloroethene failed the recovery criteria low for the matrix spike/matrix spike duplicate (MS/MSD) of sample FSMW14B-120319 (460-198386-5) in batch 460-662307. 1,1,2-Trichloroethane failed the recovery criteria high.

1,1-Dichloroethene, Bromoform and Carbon tetrachloride failed the recovery criteria low for the MS/MSD of sample 480-163635-1 in batch 460-662428.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

The following samples were diluted to bring the concentration of target analytes within the calibration range: FSMW14B-120319 (460-198386-5) and FSMW2A-120519 (460-198386-12). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: EnSafe, Inc.

Job ID: 460-198386-1

Project/Site: Sanders/Frost St 0888823286

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-198386-1	EB01-120319	Water	12/03/19 11:25	12/05/19 19:30	
460-198386-2	FB01-120319	Water	12/03/19 12:50	12/05/19 19:30	
460-198386-3	TB01-120219	Water	12/02/19 09:45	12/05/19 19:30	
460-198386-4	FSMW14A-120319	Water	12/03/19 11:10	12/05/19 19:30	
460-198386-5	FSMW14B-120319	Water	12/03/19 12:45	12/05/19 19:30	
460-198386-6	FSMW13A-120319	Water	12/03/19 14:30	12/05/19 19:30	
460-198386-7	FSMW8A-120419	Water	12/04/19 08:50	12/05/19 19:30	
460-198386-8	FSMW4A-120419	Water	12/04/19 10:30	12/05/19 19:30	
460-198386-9	FSMW4B-120419	Water	12/04/19 12:00	12/05/19 19:30	
460-198386-10	DUP01-120319	Water	12/03/19 00:00	12/05/19 19:30	
460-198386-11	FSMW1A-120419	Water	12/04/19 14:15	12/05/19 19:30	
460-198386-12	FSMW2A-120519	Water	12/05/19 08:15	12/05/19 19:30	
460-198386-13	FSMW2B-120519	Water	12/05/19 09:45	12/05/19 19:30	

Detection Summary

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: EB01-120319

Lab Sample ID: 460-198386-1

No Detections.

Client Sample ID: FB01-120319

Lab Sample ID: 460-198386-2

No Detections.

Client Sample ID: TB01-120219

Lab Sample ID: 460-198386-3

No Detections.

Client Sample ID: FSMW14A-120319

Lab Sample ID: 460-198386-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.43	J	1.0	0.26	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.6		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	260		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	8.2		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW14B-120319

Lab Sample ID: 460-198386-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	52		25	22	ug/L	5		8260C	Total/NA
cis-1,2-Dichloroethene	9.3		5.0	1.1	ug/L	5		8260C	Total/NA
Tetrachloroethene	1100		5.0	1.2	ug/L	5		8260C	Total/NA
Trichloroethene	33		5.0	1.6	ug/L	5		8260C	Total/NA

Client Sample ID: FSMW13A-120319

Lab Sample ID: 460-198386-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloropropane	1.3		1.0	0.35	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	9.2		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	270		1.0	0.25	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.40	J	1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	9.2		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW8A-120419

Lab Sample ID: 460-198386-7

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	0.50	J	1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW4A-120419

Lab Sample ID: 460-198386-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	25		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	0.46	J	1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: FSMW4B-120419

Lab Sample ID: 460-198386-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.0		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.0		1.0	0.31	ug/L	1		8260C	Total/NA

Client Sample ID: DUP01-120319

Lab Sample ID: 460-198386-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.45	J	1.0	0.26	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Detection Summary

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: DUP01-120319 (Continued)

Lab Sample ID: 460-198386-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.0		1.0	0.22	ug/L		1		8260C	Total/NA
Tetrachloroethene	300		1.0	0.25	ug/L		1		8260C	Total/NA
trans-1,2-Dichloroethene	0.37	J	1.0	0.24	ug/L		1		8260C	Total/NA
Trichloroethene	9.4		1.0	0.31	ug/L		1		8260C	Total/NA

Client Sample ID: FSMW1A-120419

Lab Sample ID: 460-198386-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.22	ug/L		1		8260C	Total/NA
Tetrachloroethene	54		1.0	0.25	ug/L		1		8260C	Total/NA
Trichloroethene	6.4		1.0	0.31	ug/L		1		8260C	Total/NA

Client Sample ID: FSMW2A-120519

Lab Sample ID: 460-198386-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	15		10	8.8	ug/L		2		8260C	Total/NA
cis-1,2-Dichloroethene	30		2.0	0.44	ug/L		2		8260C	Total/NA
Tetrachloroethene	800		2.0	0.50	ug/L		2		8260C	Total/NA
trans-1,2-Dichloroethene	0.76	J	2.0	0.47	ug/L		2		8260C	Total/NA
Trichloroethene	39		2.0	0.63	ug/L		2		8260C	Total/NA

Client Sample ID: FSMW2B-120519

Lab Sample ID: 460-198386-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	3.0		1.0	0.25	ug/L		1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: EnSafe, Inc.

Job ID: 460-198386-1

Project/Site: Sanders/Frost St 0888823286

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

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: EB01-120319

Lab Sample ID: 460-198386-1

Date Collected: 12/03/19 11:25

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 16:55	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 16:55	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 16:55	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 16:55	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 16:55	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 16:55	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 16:55	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 16:55	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 16:55	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 16:55	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 16:55	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 16:55	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 16:55	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 16:55	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 16:55	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 16:55	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 16:55	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 16:55	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 16:55	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 16:55	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 16:55	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 16:55	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/14/19 16:55	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 16:55	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 16:55	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 16:55	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 16:55	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/14/19 16:55	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 16:55	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 16:55	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 16:55	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/14/19 16:55	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 16:55	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		12/14/19 16:55	1
4-Bromofluorobenzene	95		77 - 124		12/14/19 16:55	1
Dibromofluoromethane (Surr)	99		72 - 131		12/14/19 16:55	1
Toluene-d8 (Surr)	102		80 - 120		12/14/19 16:55	1

Client Sample ID: FB01-120319

Lab Sample ID: 460-198386-2

Date Collected: 12/03/19 12:50

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 01:01	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 01:01	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 01:01	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FB01-120319

Lab Sample ID: 460-198386-2

Date Collected: 12/03/19 12:50

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 01:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 01:01	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 01:01	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 01:01	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 01:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 01:01	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 01:01	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 01:01	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 01:01	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 01:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 01:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 01:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 01:01	1
Carbon tetrachloride	0.21	U *	1.0	0.21	ug/L			12/14/19 01:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 01:01	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 01:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 01:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 01:01	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 01:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/14/19 01:01	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 01:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 01:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 01:01	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 01:01	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/14/19 01:01	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 01:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 01:01	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 01:01	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/14/19 01:01	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 01:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		12/14/19 01:01	1
4-Bromofluorobenzene	96		77 - 124		12/14/19 01:01	1
Dibromofluoromethane (Surr)	99		72 - 131		12/14/19 01:01	1
Toluene-d8 (Surr)	102		80 - 120		12/14/19 01:01	1

Client Sample ID: TB01-120219

Lab Sample ID: 460-198386-3

Date Collected: 12/02/19 09:45

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 01:25	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 01:25	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 01:25	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 01:25	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 01:25	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 01:25	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: TB01-120219

Lab Sample ID: 460-198386-3

Date Collected: 12/02/19 09:45

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 01:25	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 01:25	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 01:25	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 01:25	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 01:25	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 01:25	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 01:25	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 01:25	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 01:25	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 01:25	1
Carbon tetrachloride	0.21	U *	1.0	0.21	ug/L			12/14/19 01:25	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 01:25	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 01:25	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 01:25	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 01:25	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 01:25	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/14/19 01:25	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 01:25	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 01:25	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 01:25	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 01:25	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/14/19 01:25	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 01:25	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 01:25	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 01:25	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/14/19 01:25	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 01:25	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 01:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		74 - 132		12/14/19 01:25	1
4-Bromofluorobenzene	94		77 - 124		12/14/19 01:25	1
Dibromofluoromethane (Surr)	101		72 - 131		12/14/19 01:25	1
Toluene-d8 (Surr)	102		80 - 120		12/14/19 01:25	1

Client Sample ID: FSMW14A-120319

Lab Sample ID: 460-198386-4

Date Collected: 12/03/19 11:10

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 17:19	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 17:19	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 17:19	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 17:19	1
1,1-Dichloroethene	0.43	J	1.0	0.26	ug/L			12/14/19 17:19	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 17:19	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 17:19	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 17:19	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 17:19	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FSMW14A-120319

Lab Sample ID: 460-198386-4

Date Collected: 12/03/19 11:10

Matrix: Water

Date Received: 12/05/19 19:30

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)	1.3	U	5.0	1.3	ug/L			12/14/19 17:19	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 17:19	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 17:19	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 17:19	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 17:19	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 17:19	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 17:19	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 17:19	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 17:19	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 17:19	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 17:19	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 17:19	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 17:19	1
cis-1,2-Dichloroethene	3.6		1.0	0.22	ug/L			12/14/19 17:19	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 17:19	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 17:19	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 17:19	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 17:19	1
Tetrachloroethene	260		1.0	0.25	ug/L			12/14/19 17:19	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 17:19	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 17:19	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 17:19	1
Trichloroethene	8.2		1.0	0.31	ug/L			12/14/19 17:19	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 17:19	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		12/14/19 17:19	1
4-Bromofluorobenzene	95		77 - 124		12/14/19 17:19	1
Dibromofluoromethane (Surr)	101		72 - 131		12/14/19 17:19	1
Toluene-d8 (Surr)	100		80 - 120		12/14/19 17:19	1

Client Sample ID: FSMW14B-120319

Lab Sample ID: 460-198386-5

Date Collected: 12/03/19 12:45

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 20:58	5
1,1,2,2-Tetrachloroethane	1.8	U	5.0	1.8	ug/L			12/14/19 20:58	5
1,1,2-Trichloroethane	2.2	U F1	5.0	2.2	ug/L			12/14/19 20:58	5
1,1-Dichloroethane	1.3	U	5.0	1.3	ug/L			12/14/19 20:58	5
1,1-Dichloroethene	1.3	U	5.0	1.3	ug/L			12/14/19 20:58	5
1,2-Dichloroethane	2.2	U	5.0	2.2	ug/L			12/14/19 20:58	5
1,2-Dichloropropane	1.8	U	5.0	1.8	ug/L			12/14/19 20:58	5
2-Butanone (MEK)	9.3	U	25	9.3	ug/L			12/14/19 20:58	5
2-Hexanone	5.7	U	25	5.7	ug/L			12/14/19 20:58	5
4-Methyl-2-pentanone (MIBK)	6.5	U	25	6.5	ug/L			12/14/19 20:58	5
Acetone	52		25	22	ug/L			12/14/19 20:58	5
Benzene	1.0	U	5.0	1.0	ug/L			12/14/19 20:58	5

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FSMW14B-120319

Lab Sample ID: 460-198386-5

Date Collected: 12/03/19 12:45

Matrix: Water

Date Received: 12/05/19 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.7	U	5.0	1.7	ug/L			12/14/19 20:58	5
Bromoform	2.7	U	5.0	2.7	ug/L			12/14/19 20:58	5
Bromomethane	2.8	U	5.0	2.8	ug/L			12/14/19 20:58	5
Carbon disulfide	4.1	U	5.0	4.1	ug/L			12/14/19 20:58	5
Carbon tetrachloride	1.0	U	5.0	1.0	ug/L			12/14/19 20:58	5
Chlorobenzene	1.9	U	5.0	1.9	ug/L			12/14/19 20:58	5
Chlorobromomethane	2.1	U	5.0	2.1	ug/L			12/14/19 20:58	5
Chloroethane	1.6	U	5.0	1.6	ug/L			12/14/19 20:58	5
Chloroform	1.6	U	5.0	1.6	ug/L			12/14/19 20:58	5
Chloromethane	2.0	U	5.0	2.0	ug/L			12/14/19 20:58	5
cis-1,2-Dichloroethene	9.3		5.0	1.1	ug/L			12/14/19 20:58	5
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			12/14/19 20:58	5
Ethylbenzene	1.5	U	5.0	1.5	ug/L			12/14/19 20:58	5
Methylene Chloride	1.6	U	5.0	1.6	ug/L			12/14/19 20:58	5
Styrene	2.1	U	5.0	2.1	ug/L			12/14/19 20:58	5
Tetrachloroethene	1100		5.0	1.2	ug/L			12/14/19 20:58	5
Toluene	1.9	U	5.0	1.9	ug/L			12/14/19 20:58	5
trans-1,2-Dichloroethene	1.2	U	5.0	1.2	ug/L			12/14/19 20:58	5
trans-1,3-Dichloropropene	2.4	U	5.0	2.4	ug/L			12/14/19 20:58	5
Trichloroethene	33		5.0	1.6	ug/L			12/14/19 20:58	5
Vinyl chloride	0.86	U	5.0	0.86	ug/L			12/14/19 20:58	5
Xylenes, Total	3.3	U	10	3.3	ug/L			12/14/19 20:58	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		12/14/19 20:58	5
4-Bromofluorobenzene	94		77 - 124		12/14/19 20:58	5
Dibromofluoromethane (Surr)	102		72 - 131		12/14/19 20:58	5
Toluene-d8 (Surr)	102		80 - 120		12/14/19 20:58	5

Client Sample ID: FSMW13A-120319

Lab Sample ID: 460-198386-6

Date Collected: 12/03/19 14:30

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 17:44	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 17:44	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 17:44	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 17:44	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 17:44	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 17:44	1
1,2-Dichloropropane	1.3		1.0	0.35	ug/L			12/14/19 17:44	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 17:44	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 17:44	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 17:44	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 17:44	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 17:44	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 17:44	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 17:44	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 17:44	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FSMW13A-120319

Lab Sample ID: 460-198386-6

Date Collected: 12/03/19 14:30

Matrix: Water

Date Received: 12/05/19 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 17:44	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 17:44	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 17:44	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 17:44	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 17:44	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 17:44	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 17:44	1
cis-1,2-Dichloroethene	9.2		1.0	0.22	ug/L			12/14/19 17:44	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 17:44	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 17:44	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 17:44	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 17:44	1
Tetrachloroethene	270		1.0	0.25	ug/L			12/14/19 17:44	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 17:44	1
trans-1,2-Dichloroethene	0.40 J		1.0	0.24	ug/L			12/14/19 17:44	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 17:44	1
Trichloroethene	9.2		1.0	0.31	ug/L			12/14/19 17:44	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 17:44	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		74 - 132		12/14/19 17:44	1
4-Bromofluorobenzene	96		77 - 124		12/14/19 17:44	1
Dibromofluoromethane (Surr)	98		72 - 131		12/14/19 17:44	1
Toluene-d8 (Surr)	102		80 - 120		12/14/19 17:44	1

Client Sample ID: FSMW8A-120419

Lab Sample ID: 460-198386-7

Date Collected: 12/04/19 08:50

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 18:08	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 18:08	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 18:08	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 18:08	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 18:08	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 18:08	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 18:08	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 18:08	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 18:08	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 18:08	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 18:08	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 18:08	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 18:08	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 18:08	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 18:08	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 18:08	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 18:08	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 18:08	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FSMW8A-120419

Lab Sample ID: 460-198386-7

Date Collected: 12/04/19 08:50

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 18:08	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 18:08	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 18:08	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 18:08	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/14/19 18:08	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 18:08	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 18:08	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 18:08	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 18:08	1
Tetrachloroethene	6.1		1.0	0.25	ug/L			12/14/19 18:08	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 18:08	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 18:08	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 18:08	1
Trichloroethene	0.50 J		1.0	0.31	ug/L			12/14/19 18:08	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 18:08	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		74 - 132		12/14/19 18:08	1
4-Bromofluorobenzene	93		77 - 124		12/14/19 18:08	1
Dibromofluoromethane (Surr)	103		72 - 131		12/14/19 18:08	1
Toluene-d8 (Surr)	100		80 - 120		12/14/19 18:08	1

Client Sample ID: FSMW4A-120419

Lab Sample ID: 460-198386-8

Date Collected: 12/04/19 10:30

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 18:32	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 18:32	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 18:32	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 18:32	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 18:32	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 18:32	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 18:32	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 18:32	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 18:32	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 18:32	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 18:32	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 18:32	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 18:32	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 18:32	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 18:32	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 18:32	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 18:32	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 18:32	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 18:32	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 18:32	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 18:32	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FSMW4A-120419

Lab Sample ID: 460-198386-8

Date Collected: 12/04/19 10:30

Matrix: Water

Date Received: 12/05/19 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 18:32	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/14/19 18:32	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 18:32	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 18:32	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 18:32	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 18:32	1
Tetrachloroethene	25		1.0	0.25	ug/L			12/14/19 18:32	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 18:32	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 18:32	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 18:32	1
Trichloroethene	0.46 J		1.0	0.31	ug/L			12/14/19 18:32	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 18:32	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		12/14/19 18:32	1
4-Bromofluorobenzene	93		77 - 124		12/14/19 18:32	1
Dibromofluoromethane (Surr)	102		72 - 131		12/14/19 18:32	1
Toluene-d8 (Surr)	102		80 - 120		12/14/19 18:32	1

Client Sample ID: FSMW4B-120419

Lab Sample ID: 460-198386-9

Date Collected: 12/04/19 12:00

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 18:57	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 18:57	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 18:57	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 18:57	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 18:57	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 18:57	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 18:57	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 18:57	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 18:57	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 18:57	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 18:57	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 18:57	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 18:57	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 18:57	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 18:57	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 18:57	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 18:57	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 18:57	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 18:57	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 18:57	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 18:57	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 18:57	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/14/19 18:57	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 18:57	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FSMW4B-120419

Lab Sample ID: 460-198386-9

Date Collected: 12/04/19 12:00

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 18:57	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 18:57	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 18:57	1
Tetrachloroethene	3.0		1.0	0.25	ug/L			12/14/19 18:57	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 18:57	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 18:57	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 18:57	1
Trichloroethene	1.0		1.0	0.31	ug/L			12/14/19 18:57	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 18:57	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		74 - 132		12/14/19 18:57	1
4-Bromofluorobenzene	95		77 - 124		12/14/19 18:57	1
Dibromofluoromethane (Surr)	99		72 - 131		12/14/19 18:57	1
Toluene-d8 (Surr)	103		80 - 120		12/14/19 18:57	1

Client Sample ID: DUP01-120319

Lab Sample ID: 460-198386-10

Date Collected: 12/03/19 00:00

Matrix: Water

Date Received: 12/05/19 19:30

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			12/15/19 06:17	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/15/19 06:17	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/15/19 06:17	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/15/19 06:17	1
1,1-Dichloroethene	0.45	J	1.0	0.26	ug/L			12/15/19 06:17	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/15/19 06:17	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/15/19 06:17	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/15/19 06:17	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/15/19 06:17	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/15/19 06:17	1
Acetone	4.4	U	5.0	4.4	ug/L			12/15/19 06:17	1
Benzene	0.20	U	1.0	0.20	ug/L			12/15/19 06:17	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/15/19 06:17	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/15/19 06:17	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/15/19 06:17	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/15/19 06:17	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/15/19 06:17	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/15/19 06:17	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/15/19 06:17	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/15/19 06:17	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/15/19 06:17	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/15/19 06:17	1
cis-1,2-Dichloroethene	4.0		1.0	0.22	ug/L			12/15/19 06:17	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/15/19 06:17	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/15/19 06:17	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/15/19 06:17	1
Styrene	0.42	U	1.0	0.42	ug/L			12/15/19 06:17	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: DUP01-120319

Lab Sample ID: 460-198386-10

Date Collected: 12/03/19 00:00

Matrix: Water

Date Received: 12/05/19 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	300		1.0	0.25	ug/L			12/15/19 06:17	1
Toluene	0.38	U	1.0	0.38	ug/L			12/15/19 06:17	1
trans-1,2-Dichloroethene	0.37	J	1.0	0.24	ug/L			12/15/19 06:17	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/15/19 06:17	1
Trichloroethene	9.4		1.0	0.31	ug/L			12/15/19 06:17	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/15/19 06:17	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/15/19 06:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		12/15/19 06:17	1
4-Bromofluorobenzene	95		77 - 124		12/15/19 06:17	1
Dibromofluoromethane (Surr)	101		72 - 131		12/15/19 06:17	1
Toluene-d8 (Surr)	103		80 - 120		12/15/19 06:17	1

Client Sample ID: FSMW1A-120419

Lab Sample ID: 460-198386-11

Date Collected: 12/04/19 14:15

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 19:21	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 19:21	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 19:21	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 19:21	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 19:21	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 19:21	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 19:21	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 19:21	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 19:21	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 19:21	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 19:21	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 19:21	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 19:21	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 19:21	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 19:21	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 19:21	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 19:21	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 19:21	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 19:21	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 19:21	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 19:21	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 19:21	1
cis-1,2-Dichloroethene	2.1		1.0	0.22	ug/L			12/14/19 19:21	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 19:21	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 19:21	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 19:21	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 19:21	1
Tetrachloroethene	54		1.0	0.25	ug/L			12/14/19 19:21	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 19:21	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 19:21	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FSMW1A-120419

Lab Sample ID: 460-198386-11

Date Collected: 12/04/19 14:15

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 19:21	1
Trichloroethene	6.4		1.0	0.31	ug/L			12/14/19 19:21	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 19:21	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132					12/14/19 19:21	1
4-Bromofluorobenzene	94		77 - 124					12/14/19 19:21	1
Dibromofluoromethane (Surr)	100		72 - 131					12/14/19 19:21	1
Toluene-d8 (Surr)	102		80 - 120					12/14/19 19:21	1

Client Sample ID: FSMW2A-120519

Lab Sample ID: 460-198386-12

Date Collected: 12/05/19 08:15

Matrix: Water

Date Received: 12/05/19 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.48	U	2.0	0.48	ug/L			12/14/19 20:10	2
1,1,2,2-Tetrachloroethane	0.73	U	2.0	0.73	ug/L			12/14/19 20:10	2
1,1,2-Trichloroethane	0.87	U	2.0	0.87	ug/L			12/14/19 20:10	2
1,1-Dichloroethane	0.53	U	2.0	0.53	ug/L			12/14/19 20:10	2
1,1-Dichloroethene	0.53	U	2.0	0.53	ug/L			12/14/19 20:10	2
1,2-Dichloroethane	0.86	U	2.0	0.86	ug/L			12/14/19 20:10	2
1,2-Dichloropropane	0.71	U	2.0	0.71	ug/L			12/14/19 20:10	2
2-Butanone (MEK)	3.7	U	10	3.7	ug/L			12/14/19 20:10	2
2-Hexanone	2.3	U	10	2.3	ug/L			12/14/19 20:10	2
4-Methyl-2-pentanone (MIBK)	2.6	U	10	2.6	ug/L			12/14/19 20:10	2
Acetone	15		10	8.8	ug/L			12/14/19 20:10	2
Benzene	0.41	U	2.0	0.41	ug/L			12/14/19 20:10	2
Bromodichloromethane	0.69	U	2.0	0.69	ug/L			12/14/19 20:10	2
Bromoform	1.1	U	2.0	1.1	ug/L			12/14/19 20:10	2
Bromomethane	1.1	U	2.0	1.1	ug/L			12/14/19 20:10	2
Carbon disulfide	1.6	U	2.0	1.6	ug/L			12/14/19 20:10	2
Carbon tetrachloride	0.42	U	2.0	0.42	ug/L			12/14/19 20:10	2
Chlorobenzene	0.75	U	2.0	0.75	ug/L			12/14/19 20:10	2
Chlorobromomethane	0.82	U	2.0	0.82	ug/L			12/14/19 20:10	2
Chloroethane	0.64	U	2.0	0.64	ug/L			12/14/19 20:10	2
Chloroform	0.65	U	2.0	0.65	ug/L			12/14/19 20:10	2
Chloromethane	0.80	U	2.0	0.80	ug/L			12/14/19 20:10	2
cis-1,2-Dichloroethene	30		2.0	0.44	ug/L			12/14/19 20:10	2
cis-1,3-Dichloropropene	0.44	U	2.0	0.44	ug/L			12/14/19 20:10	2
Ethylbenzene	0.60	U	2.0	0.60	ug/L			12/14/19 20:10	2
Methylene Chloride	0.63	U	2.0	0.63	ug/L			12/14/19 20:10	2
Styrene	0.83	U	2.0	0.83	ug/L			12/14/19 20:10	2
Tetrachloroethene	800		2.0	0.50	ug/L			12/14/19 20:10	2
Toluene	0.76	U	2.0	0.76	ug/L			12/14/19 20:10	2
trans-1,2-Dichloroethene	0.76	J	2.0	0.47	ug/L			12/14/19 20:10	2
trans-1,3-Dichloropropene	0.97	U	2.0	0.97	ug/L			12/14/19 20:10	2
Trichloroethene	39		2.0	0.63	ug/L			12/14/19 20:10	2
Vinyl chloride	0.34	U	2.0	0.34	ug/L			12/14/19 20:10	2

Eurofins TestAmerica, Edison

Client Sample Results

Client: EnSafe, Inc.

Job ID: 460-198386-1

Project/Site: Sanders/Frost St 0888823286

Client Sample ID: FSMW2A-120519

Lab Sample ID: 460-198386-12

Date Collected: 12/05/19 08:15

Matrix: Water

Date Received: 12/05/19 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1.3	U	4.0	1.3	ug/L			12/14/19 20:10	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		12/14/19 20:10	2
4-Bromofluorobenzene	95		77 - 124		12/14/19 20:10	2
Dibromofluoromethane (Surr)	101		72 - 131		12/14/19 20:10	2
Toluene-d8 (Surr)	102		80 - 120		12/14/19 20:10	2

Client Sample ID: FSMW2B-120519

Lab Sample ID: 460-198386-13

Date Collected: 12/05/19 09:45

Matrix: Water

Date Received: 12/05/19 19:30

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			12/14/19 19:45	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 19:45	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 19:45	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 19:45	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 19:45	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 19:45	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 19:45	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 19:45	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 19:45	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 19:45	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 19:45	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 19:45	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 19:45	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 19:45	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 19:45	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 19:45	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 19:45	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 19:45	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 19:45	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 19:45	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 19:45	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 19:45	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/14/19 19:45	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 19:45	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 19:45	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 19:45	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 19:45	1
Tetrachloroethene	3.0		1.0	0.25	ug/L			12/14/19 19:45	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 19:45	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 19:45	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 19:45	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/14/19 19:45	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 19:45	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 19:45	1

Client Sample Results

Client: EnSafe, Inc.

Job ID: 460-198386-1

Project/Site: Sanders/Frost St 0888823286

Client Sample ID: FSMW2B-120519

Lab Sample ID: 460-198386-13

Date Collected: 12/05/19 09:45

Matrix: Water

Date Received: 12/05/19 19:30

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	99		74 - 132		12/14/19 19:45	1
4-Bromofluorobenzene	98		77 - 124		12/14/19 19:45	1
Dibromofluoromethane (Surr)	103		72 - 131		12/14/19 19:45	1
Toluene-d8 (Surr)	102		80 - 120		12/14/19 19:45	1

Surrogate Summary

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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)
460-198386-1	EB01-120319	100	95	99	102
460-198386-2	FB01-120319	99	96	99	102
460-198386-3	TB01-120219	101	94	101	102
460-198386-4	FSMW14A-120319	100	95	101	100
460-198386-5	FSMW14B-120319	100	94	102	102
460-198386-5 MS	FSMW14B-120319	101	95	99	103
460-198386-5 MSD	FSMW14B-120319	99	96	100	103
460-198386-6	FSMW13A-120319	98	96	98	102
460-198386-7	FSMW8A-120419	102	93	103	100
460-198386-8	FSMW4A-120419	103	93	102	102
460-198386-9	FSMW4B-120419	101	95	99	103
460-198386-10	DUP01-120319	100	95	101	103
460-198386-11	FSMW1A-120419	99	94	100	102
460-198386-12	FSMW2A-120519	99	95	101	102
460-198386-13	FSMW2B-120519	99	98	103	102
480-163635-A-1 MSD	Matrix Spike Duplicate	104	95	99	103
480-163635-B-1 MS	Matrix Spike	105	96	101	104
LCS 460-662202/4	Lab Control Sample	99	95	99	99
LCS 460-662307/4	Lab Control Sample	99	94	98	99
LCS 460-662428/4	Lab Control Sample	100	95	99	101
LCSD 460-662202/5	Lab Control Sample Dup	100	96	98	100
MB 460-662202/9	Method Blank	100	94	100	99
MB 460-662307/9	Method Blank	98	95	99	102
MB 460-662428/8	Method Blank	103	94	101	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: EnSafe, Inc.

Job ID: 460-198386-1

Project/Site: Sanders/Frost St 0888823286

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

Lab Sample ID: MB 460-662202/9

Matrix: Water

Analysis Batch: 662202

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			12/13/19 22:56	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/13/19 22:56	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/13/19 22:56	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/13/19 22:56	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/13/19 22:56	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/13/19 22:56	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/13/19 22:56	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/13/19 22:56	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/13/19 22:56	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/13/19 22:56	1
Acetone	4.4	U	5.0	4.4	ug/L			12/13/19 22:56	1
Benzene	0.20	U	1.0	0.20	ug/L			12/13/19 22:56	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/13/19 22:56	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/13/19 22:56	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/13/19 22:56	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/13/19 22:56	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/13/19 22:56	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/13/19 22:56	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/13/19 22:56	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/13/19 22:56	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/13/19 22:56	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/13/19 22:56	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/13/19 22:56	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/13/19 22:56	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/13/19 22:56	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/13/19 22:56	1
Styrene	0.42	U	1.0	0.42	ug/L			12/13/19 22:56	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/13/19 22:56	1
Toluene	0.38	U	1.0	0.38	ug/L			12/13/19 22:56	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/13/19 22:56	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/13/19 22:56	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/13/19 22:56	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/13/19 22:56	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/13/19 22:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		12/13/19 22:56	1
4-Bromofluorobenzene	94		77 - 124		12/13/19 22:56	1
Dibromofluoromethane (Surr)	100		72 - 131		12/13/19 22:56	1
Toluene-d8 (Surr)	99		80 - 120		12/13/19 22:56	1

Lab Sample ID: LCS 460-662202/4

Matrix: Water

Analysis Batch: 662202

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	17.4		ug/L		87	75 - 125
1,1,2,2-Tetrachloroethane	20.0	20.5		ug/L		102	74 - 120

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: LCS 460-662202/4

Matrix: Water

Analysis Batch: 662202

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	21.5		ug/L		107	78 - 120
1,1-Dichloroethane	20.0	19.9		ug/L		100	77 - 123
1,1-Dichloroethene	20.0	19.1		ug/L		96	74 - 123
1,2-Dichloroethane	20.0	19.6		ug/L		98	76 - 121
1,2-Dichloropropane	20.0	20.4		ug/L		102	77 - 123
2-Butanone (MEK)	100	98.5		ug/L		99	64 - 120
2-Hexanone	100	99.7		ug/L		100	71 - 125
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	78 - 124
Acetone	100	109		ug/L		109	39 - 150
Benzene	20.0	19.7		ug/L		99	77 - 121
Bromodichloromethane	20.0	16.8		ug/L		84	76 - 120
Bromoform	20.0	12.1		ug/L		60	53 - 120
Bromomethane	20.0	16.8		ug/L		84	10 - 150
Carbon disulfide	20.0	20.7		ug/L		103	69 - 133
Carbon tetrachloride	20.0	14.0		ug/L		70	70 - 132
Chlorobenzene	20.0	18.9		ug/L		95	80 - 120
Chlorobromomethane	20.0	18.7		ug/L		93	77 - 127
Chloroethane	20.0	16.7		ug/L		83	52 - 150
Chloroform	20.0	19.6		ug/L		98	80 - 120
Chloromethane	20.0	19.8		ug/L		99	56 - 131
cis-1,2-Dichloroethene	20.0	20.3		ug/L		102	80 - 120
cis-1,3-Dichloropropene	20.0	18.9		ug/L		95	77 - 120
Ethylbenzene	20.0	18.6		ug/L		93	80 - 120
Methylene Chloride	20.0	21.0		ug/L		105	77 - 123
Styrene	20.0	18.7		ug/L		93	80 - 120
Tetrachloroethene	20.0	17.2		ug/L		86	78 - 122
Toluene	20.0	18.8		ug/L		94	80 - 120
trans-1,2-Dichloroethene	20.0	19.9		ug/L		99	79 - 120
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	76 - 120
Trichloroethene	20.0	18.7		ug/L		94	77 - 120
Vinyl chloride	20.0	18.8		ug/L		94	62 - 138
Xylenes, Total	40.0	37.1		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		74 - 132
4-Bromofluorobenzene	95		77 - 124
Dibromofluoromethane (Surr)	99		72 - 131
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 460-662202/5

Matrix: Water

Analysis Batch: 662202

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	15.8		ug/L		79	75 - 125	10	30
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	74 - 120	9	30
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	78 - 120	4	30
1,1-Dichloroethane	20.0	18.9		ug/L		94	77 - 123	6	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: LCSD 460-662202/5

Matrix: Water

Analysis Batch: 662202

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	20.0	17.3		ug/L		87	74 - 123	10	30
1,2-Dichloroethane	20.0	18.7		ug/L		93	76 - 121	5	30
1,2-Dichloropropane	20.0	19.7		ug/L		99	77 - 123	3	30
2-Butanone (MEK)	100	81.5		ug/L		82	64 - 120	19	30
2-Hexanone	100	93.8		ug/L		94	71 - 125	6	30
4-Methyl-2-pentanone (MIBK)	100	94.0		ug/L		94	78 - 124	8	30
Acetone	100	104		ug/L		104	39 - 150	5	30
Benzene	20.0	18.3		ug/L		91	77 - 121	8	30
Bromodichloromethane	20.0	16.0		ug/L		80	76 - 120	4	30
Bromoform	20.0	11.3		ug/L		57	53 - 120	6	30
Bromomethane	20.0	15.6		ug/L		78	10 - 150	7	30
Carbon disulfide	20.0	19.1		ug/L		96	69 - 133	8	30
Carbon tetrachloride	20.0	13.0	*	ug/L		65	70 - 132	7	30
Chlorobenzene	20.0	17.5		ug/L		88	80 - 120	8	30
Chlorobromomethane	20.0	18.0		ug/L		90	77 - 127	4	30
Chloroethane	20.0	16.1		ug/L		81	52 - 150	3	30
Chloroform	20.0	18.2		ug/L		91	80 - 120	8	30
Chloromethane	20.0	19.2		ug/L		96	56 - 131	3	30
cis-1,2-Dichloroethene	20.0	18.1		ug/L		91	80 - 120	11	30
cis-1,3-Dichloropropene	20.0	17.8		ug/L		89	77 - 120	6	30
Ethylbenzene	20.0	16.9		ug/L		85	80 - 120	10	30
Methylene Chloride	20.0	19.8		ug/L		99	77 - 123	6	30
Styrene	20.0	16.9		ug/L		84	80 - 120	10	30
Tetrachloroethene	20.0	16.0		ug/L		80	78 - 122	7	30
Toluene	20.0	17.0		ug/L		85	80 - 120	10	30
trans-1,2-Dichloroethene	20.0	18.7		ug/L		94	79 - 120	6	30
trans-1,3-Dichloropropene	20.0	17.4		ug/L		87	76 - 120	4	30
Trichloroethene	20.0	17.4		ug/L		87	77 - 120	7	30
Vinyl chloride	20.0	17.3		ug/L		86	62 - 138	9	30
Xylenes, Total	40.0	33.7		ug/L		84	80 - 120	10	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		74 - 132
4-Bromofluorobenzene	96		77 - 124
Dibromofluoromethane (Surr)	98		72 - 131
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 460-662307/9

Matrix: Water

Analysis Batch: 662307

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			12/14/19 12:28	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/14/19 12:28	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 12:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/14/19 12:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/14/19 12:28	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/14/19 12:28	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: MB 460-662307/9

Matrix: Water

Analysis Batch: 662307

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/14/19 12:28	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/14/19 12:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/14/19 12:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/14/19 12:28	1
Acetone	4.4	U	5.0	4.4	ug/L			12/14/19 12:28	1
Benzene	0.20	U	1.0	0.20	ug/L			12/14/19 12:28	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/14/19 12:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/14/19 12:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			12/14/19 12:28	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/14/19 12:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/14/19 12:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/14/19 12:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/14/19 12:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/14/19 12:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/14/19 12:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/14/19 12:28	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/14/19 12:28	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/14/19 12:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/14/19 12:28	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/14/19 12:28	1
Styrene	0.42	U	1.0	0.42	ug/L			12/14/19 12:28	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/14/19 12:28	1
Toluene	0.38	U	1.0	0.38	ug/L			12/14/19 12:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/14/19 12:28	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/14/19 12:28	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/14/19 12:28	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/14/19 12:28	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/14/19 12:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		74 - 132		12/14/19 12:28	1
4-Bromofluorobenzene	95		77 - 124		12/14/19 12:28	1
Dibromofluoromethane (Surr)	99		72 - 131		12/14/19 12:28	1
Toluene-d8 (Surr)	102		80 - 120		12/14/19 12:28	1

Lab Sample ID: LCS 460-662307/4

Matrix: Water

Analysis Batch: 662307

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	17.5		ug/L		87	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	74 - 120
1,1,2-Trichloroethane	20.0	21.1		ug/L		105	78 - 120
1,1-Dichloroethane	20.0	20.1		ug/L		101	77 - 123
1,1-Dichloroethene	20.0	19.1		ug/L		96	74 - 123
1,2-Dichloroethane	20.0	19.5		ug/L		97	76 - 121
1,2-Dichloropropane	20.0	20.1		ug/L		101	77 - 123
2-Butanone (MEK)	100	90.4		ug/L		90	64 - 120

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: LCS 460-662307/4

Matrix: Water

Analysis Batch: 662307

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	100	95.6		ug/L		96	71 - 125
4-Methyl-2-pentanone (MIBK)	100	100		ug/L		100	78 - 124
Acetone	100	94.9		ug/L		95	39 - 150
Benzene	20.0	19.7		ug/L		98	77 - 121
Bromodichloromethane	20.0	16.7		ug/L		83	76 - 120
Bromoform	20.0	11.7		ug/L		59	53 - 120
Bromomethane	20.0	18.1		ug/L		90	10 - 150
Carbon disulfide	20.0	19.8		ug/L		99	69 - 133
Carbon tetrachloride	20.0	13.9		ug/L		70	70 - 132
Chlorobenzene	20.0	19.2		ug/L		96	80 - 120
Chlorobromomethane	20.0	19.4		ug/L		97	77 - 127
Chloroethane	20.0	17.8		ug/L		89	52 - 150
Chloroform	20.0	19.5		ug/L		98	80 - 120
Chloromethane	20.0	22.0		ug/L		110	56 - 131
cis-1,2-Dichloroethene	20.0	20.2		ug/L		101	80 - 120
cis-1,3-Dichloropropene	20.0	18.5		ug/L		93	77 - 120
Ethylbenzene	20.0	19.0		ug/L		95	80 - 120
Methylene Chloride	20.0	20.2		ug/L		101	77 - 123
Styrene	20.0	18.7		ug/L		93	80 - 120
Tetrachloroethene	20.0	17.4		ug/L		87	78 - 122
Toluene	20.0	18.8		ug/L		94	80 - 120
trans-1,2-Dichloroethene	20.0	19.5		ug/L		98	79 - 120
trans-1,3-Dichloropropene	20.0	17.7		ug/L		89	76 - 120
Trichloroethene	20.0	18.3		ug/L		92	77 - 120
Vinyl chloride	20.0	21.0		ug/L		105	62 - 138
Xylenes, Total	40.0	37.8		ug/L		95	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		74 - 132
4-Bromofluorobenzene	94		77 - 124
Dibromofluoromethane (Surr)	98		72 - 131
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 460-198386-5 MS

Matrix: Water

Analysis Batch: 662307

Client Sample ID: FSMW14B-120319

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.2	U	100	84.4		ug/L		84	75 - 125
1,1,2,2-Tetrachloroethane	1.8	U	100	102		ug/L		102	74 - 120
1,1,2-Trichloroethane	2.2	U F1	100	130	F1	ug/L		130	78 - 120
1,1-Dichloroethane	1.3	U	100	101		ug/L		101	77 - 123
1,1-Dichloroethene	1.3	U	100	94.3		ug/L		94	74 - 123
1,2-Dichloroethane	2.2	U	100	93.7		ug/L		94	76 - 121
1,2-Dichloropropane	1.8	U	100	105		ug/L		105	77 - 123
2-Butanone (MEK)	9.3	U	500	472		ug/L		94	64 - 120
2-Hexanone	5.7	U	500	451		ug/L		90	71 - 125
4-Methyl-2-pentanone (MIBK)	6.5	U	500	497		ug/L		99	78 - 124

QC Sample Results

Client: EnSafe, Inc.

Job ID: 460-198386-1

Project/Site: Sanders/Frost St 0888823286

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

Lab Sample ID: 460-198386-5 MS

Client Sample ID: FSMW14B-120319

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 662307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	52		500	548		ug/L		99	39 - 150
Benzene	1.0	U	100	110		ug/L		110	77 - 121
Bromodichloromethane	1.7	U	100	80.9		ug/L		81	76 - 120
Bromoform	2.7	U	100	55.4		ug/L		55	53 - 120
Bromomethane	2.8	U	100	92.2		ug/L		92	10 - 150
Carbon disulfide	4.1	U	100	93.7		ug/L		94	69 - 133
Carbon tetrachloride	1.0	U	100	70.1		ug/L		70	70 - 132
Chlorobenzene	1.9	U	100	94.3		ug/L		94	80 - 120
Chlorobromomethane	2.1	U	100	95.2		ug/L		95	77 - 127
Chloroethane	1.6	U	100	96.1		ug/L		96	52 - 150
Chloroform	1.6	U	100	98.1		ug/L		98	80 - 120
Chloromethane	2.0	U	100	116		ug/L		116	56 - 131
cis-1,2-Dichloroethene	9.3		100	105		ug/L		96	80 - 120
cis-1,3-Dichloropropene	1.1	U	100	90.9		ug/L		91	77 - 120
Ethylbenzene	1.5	U	100	100		ug/L		100	80 - 120
Methylene Chloride	1.6	U	100	104		ug/L		104	77 - 123
Styrene	2.1	U	100	93.7		ug/L		94	80 - 120
Tetrachloroethene	1100		100	927	4	ug/L		-129	78 - 122
Toluene	1.9	U	100	97.6		ug/L		98	80 - 120
trans-1,2-Dichloroethene	1.2	U	100	99.6		ug/L		100	79 - 120
trans-1,3-Dichloropropene	2.4	U	100	83.7		ug/L		84	76 - 120
Trichloroethene	33		100	125		ug/L		92	77 - 120
Vinyl chloride	0.86	U	100	109		ug/L		109	62 - 138
Xylenes, Total	3.3	U	200	192		ug/L		96	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		74 - 132
4-Bromofluorobenzene	95		77 - 124
Dibromofluoromethane (Surr)	99		72 - 131
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: 460-198386-5 MSD

Client Sample ID: FSMW14B-120319

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 662307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.2	U	100	85.3		ug/L		85	75 - 125	1	30
1,1,2,2-Tetrachloroethane	1.8	U	100	103		ug/L		103	74 - 120	1	30
1,1,2-Trichloroethane	2.2	U F1	100	131	F1	ug/L		131	78 - 120	0	30
1,1-Dichloroethane	1.3	U	100	102		ug/L		102	77 - 123	0	30
1,1-Dichloroethene	1.3	U	100	101		ug/L		101	74 - 123	7	30
1,2-Dichloroethane	2.2	U	100	97.8		ug/L		98	76 - 121	4	30
1,2-Dichloropropane	1.8	U	100	101		ug/L		101	77 - 123	4	30
2-Butanone (MEK)	9.3	U	500	459		ug/L		92	64 - 120	3	30
2-Hexanone	5.7	U	500	470		ug/L		94	71 - 125	4	30
4-Methyl-2-pentanone (MIBK)	6.5	U	500	501		ug/L		100	78 - 124	1	30
Acetone	52		500	543		ug/L		98	39 - 150	1	30
Benzene	1.0	U	100	110		ug/L		110	77 - 121	0	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: 460-198386-5 MSD

Matrix: Water

Analysis Batch: 662307

Client Sample ID: FSMW14B-120319

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromodichloromethane	1.7	U	100	83.6		ug/L		84	76 - 120	3	30
Bromoform	2.7	U	100	61.9		ug/L		62	53 - 120	11	30
Bromomethane	2.8	U	100	96.8		ug/L		97	10 - 150	5	30
Carbon disulfide	4.1	U	100	98.2		ug/L		98	69 - 133	5	30
Carbon tetrachloride	1.0	U	100	70.9		ug/L		71	70 - 132	1	30
Chlorobenzene	1.9	U	100	95.5		ug/L		96	80 - 120	1	30
Chlorobromomethane	2.1	U	100	94.1		ug/L		94	77 - 127	1	30
Chloroethane	1.6	U	100	101		ug/L		101	52 - 150	5	30
Chloroform	1.6	U	100	99.0		ug/L		99	80 - 120	1	30
Chloromethane	2.0	U	100	118		ug/L		118	56 - 131	2	30
cis-1,2-Dichloroethene	9.3		100	109		ug/L		99	80 - 120	3	30
cis-1,3-Dichloropropene	1.1	U	100	97.3		ug/L		97	77 - 120	7	30
Ethylbenzene	1.5	U	100	98.1		ug/L		98	80 - 120	2	30
Methylene Chloride	1.6	U	100	98.5		ug/L		98	77 - 123	5	30
Styrene	2.1	U	100	94.9		ug/L		95	80 - 120	1	30
Tetrachloroethene	1100		100	926	4	ug/L		-130	78 - 122	0	30
Toluene	1.9	U	100	99.3		ug/L		99	80 - 120	2	30
trans-1,2-Dichloroethene	1.2	U	100	98.8		ug/L		99	79 - 120	1	30
trans-1,3-Dichloropropene	2.4	U	100	91.8		ug/L		92	76 - 120	9	30
Trichloroethene	33		100	120		ug/L		88	77 - 120	4	30
Vinyl chloride	0.86	U	100	113		ug/L		113	62 - 138	4	30
Xylenes, Total	3.3	U	200	194		ug/L		97	80 - 120	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		74 - 132
4-Bromofluorobenzene	96		77 - 124
Dibromofluoromethane (Surr)	100		72 - 131
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: MB 460-662428/8

Matrix: Water

Analysis Batch: 662428

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			12/15/19 01:03	1
1,1,1,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/15/19 01:03	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			12/15/19 01:03	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/15/19 01:03	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			12/15/19 01:03	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			12/15/19 01:03	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/15/19 01:03	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			12/15/19 01:03	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			12/15/19 01:03	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			12/15/19 01:03	1
Acetone	4.4	U	5.0	4.4	ug/L			12/15/19 01:03	1
Benzene	0.20	U	1.0	0.20	ug/L			12/15/19 01:03	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/15/19 01:03	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/15/19 01:03	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: MB 460-662428/8

Matrix: Water

Analysis Batch: 662428

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.55	U	1.0	0.55	ug/L			12/15/19 01:03	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			12/15/19 01:03	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/15/19 01:03	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/15/19 01:03	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			12/15/19 01:03	1
Chloroethane	0.32	U	1.0	0.32	ug/L			12/15/19 01:03	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/15/19 01:03	1
Chloromethane	0.40	U	1.0	0.40	ug/L			12/15/19 01:03	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/15/19 01:03	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/15/19 01:03	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/15/19 01:03	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/15/19 01:03	1
Styrene	0.42	U	1.0	0.42	ug/L			12/15/19 01:03	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/15/19 01:03	1
Toluene	0.38	U	1.0	0.38	ug/L			12/15/19 01:03	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/15/19 01:03	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			12/15/19 01:03	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/15/19 01:03	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			12/15/19 01:03	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/15/19 01:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		12/15/19 01:03	1
4-Bromofluorobenzene	94		77 - 124		12/15/19 01:03	1
Dibromofluoromethane (Surr)	101		72 - 131		12/15/19 01:03	1
Toluene-d8 (Surr)	103		80 - 120		12/15/19 01:03	1

Lab Sample ID: LCS 460-662428/4

Matrix: Water

Analysis Batch: 662428

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	17.4		ug/L		87	75 - 125
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	74 - 120
1,1,2-Trichloroethane	20.0	20.5		ug/L		103	78 - 120
1,1-Dichloroethane	20.0	20.5		ug/L		102	77 - 123
1,1-Dichloroethene	20.0	18.6		ug/L		93	74 - 123
1,2-Dichloroethane	20.0	20.1		ug/L		101	76 - 121
1,2-Dichloropropane	20.0	21.2		ug/L		106	77 - 123
2-Butanone (MEK)	100	90.8		ug/L		91	64 - 120
2-Hexanone	100	94.6		ug/L		95	71 - 125
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	78 - 124
Acetone	100	111		ug/L		111	39 - 150
Benzene	20.0	21.7		ug/L		109	77 - 121
Bromodichloromethane	20.0	17.1		ug/L		86	76 - 120
Bromoform	20.0	11.9		ug/L		59	53 - 120
Bromomethane	20.0	17.5		ug/L		88	10 - 150
Carbon disulfide	20.0	20.1		ug/L		100	69 - 133

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: LCS 460-662428/4

Matrix: Water

Analysis Batch: 662428

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	14.3		ug/L		71	70 - 132
Chlorobenzene	20.0	18.8		ug/L		94	80 - 120
Chlorobromomethane	20.0	19.3		ug/L		97	77 - 127
Chloroethane	20.0	18.5		ug/L		93	52 - 150
Chloroform	20.0	19.0		ug/L		95	80 - 120
Chloromethane	20.0	23.0		ug/L		115	56 - 131
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	80 - 120
cis-1,3-Dichloropropene	20.0	17.7		ug/L		89	77 - 120
Ethylbenzene	20.0	20.3		ug/L		102	80 - 120
Methylene Chloride	20.0	19.5		ug/L		97	77 - 123
Styrene	20.0	19.0		ug/L		95	80 - 120
Tetrachloroethene	20.0	18.6		ug/L		93	78 - 122
Toluene	20.0	19.5		ug/L		98	80 - 120
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	79 - 120
trans-1,3-Dichloropropene	20.0	17.0		ug/L		85	76 - 120
Trichloroethene	20.0	17.9		ug/L		90	77 - 120
Vinyl chloride	20.0	21.0		ug/L		105	62 - 138
Xylenes, Total	40.0	39.2		ug/L		98	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		74 - 132
4-Bromofluorobenzene	95		77 - 124
Dibromofluoromethane (Surr)	99		72 - 131
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 480-163635-A-1 MSD

Matrix: Water

Analysis Batch: 662428

Client Sample ID: Matrix Spike Duplicate

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	18.2		ug/L		91	75 - 125	7	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	21.8		ug/L		109	74 - 120	5	30
1,1,2-Trichloroethane	0.43	U	20.0	22.6		ug/L		113	78 - 120	1	30
1,1-Dichloroethane	39		20.0	58.7		ug/L		98	77 - 123	6	30
1,1-Dichloroethene	96		20.0	101	4	ug/L		25	74 - 123	9	30
1,2-Dichloroethane	4.3		20.0	24.9		ug/L		103	76 - 121	4	30
1,2-Dichloropropane	0.35	U	20.0	22.6		ug/L		113	77 - 123	15	30
2-Butanone (MEK)	1.9	U	100	92.4		ug/L		92	64 - 120	1	30
2-Hexanone	1.1	U	100	92.8		ug/L		93	71 - 125	0	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	103		ug/L		103	78 - 124	0	30
Acetone	4.4	U	100	104		ug/L		104	39 - 150	8	30
Benzene	0.68	J	20.0	24.3		ug/L		118	77 - 121	5	30
Bromodichloromethane	0.34	U	20.0	17.7		ug/L		88	76 - 120	7	30
Bromoform	0.54	U F1	20.0	10.1	F1	ug/L		51	53 - 120	8	30
Bromomethane	0.55	U	20.0	18.3		ug/L		91	10 - 150	3	30
Carbon disulfide	0.82	U	20.0	21.1		ug/L		106	69 - 133	7	30
Carbon tetrachloride	0.21	U F1	20.0	15.3		ug/L		77	70 - 132	14	30
Chlorobenzene	0.38	U	20.0	20.0		ug/L		100	80 - 120	3	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: 480-163635-A-1 MSD

Matrix: Water

Analysis Batch: 662428

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobromomethane	0.41	U	20.0	20.0		ug/L		100	77 - 127	2	30
Chloroethane	2.1		20.0	21.0		ug/L		95	52 - 150	1	30
Chloroform	0.33	U	20.0	21.1		ug/L		106	80 - 120	7	30
Chloromethane	0.40	U	20.0	24.5		ug/L		123	56 - 131	1	30
cis-1,2-Dichloroethene	1.0		20.0	22.4		ug/L		107	80 - 120	8	30
cis-1,3-Dichloropropene	0.22	U	20.0	19.3		ug/L		97	77 - 120	7	30
Ethylbenzene	4.4		20.0	24.6		ug/L		101	80 - 120	2	30
Methylene Chloride	0.32	U	20.0	21.1		ug/L		105	77 - 123	4	30
Styrene	0.42	U	20.0	19.7		ug/L		98	80 - 120	5	30
Tetrachloroethene	0.25	U	20.0	19.5		ug/L		97	78 - 122	3	30
Toluene	0.39	J	20.0	21.6		ug/L		106	80 - 120	6	30
trans-1,2-Dichloroethene	0.24	U	20.0	21.1		ug/L		105	79 - 120	9	30
trans-1,3-Dichloropropene	0.49	U	20.0	17.6		ug/L		88	76 - 120	3	30
Trichloroethene	0.96	J	20.0	20.4		ug/L		97	77 - 120	7	30
Vinyl chloride	1.7		20.0	23.7		ug/L		110	62 - 138	6	30
Xylenes, Total	32		40.0	73.2		ug/L		102	80 - 120	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		74 - 132
4-Bromofluorobenzene	95		77 - 124
Dibromofluoromethane (Surr)	99		72 - 131
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: 480-163635-B-1 MS

Matrix: Water

Analysis Batch: 662428

Client Sample ID: Matrix Spike

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	17.0		ug/L		85	75 - 125
1,1,2,2-Tetrachloroethane	0.37	U	20.0	20.7		ug/L		103	74 - 120
1,1,2-Trichloroethane	0.43	U	20.0	22.3		ug/L		111	78 - 120
1,1-Dichloroethane	39		20.0	55.0		ug/L		79	77 - 123
1,1-Dichloroethene	96		20.0	92.4	4	ug/L		-18	74 - 123
1,2-Dichloroethane	4.3		20.0	24.0		ug/L		99	76 - 121
1,2-Dichloropropane	0.35	U	20.0	19.4		ug/L		97	77 - 123
2-Butanone (MEK)	1.9	U	100	91.3		ug/L		91	64 - 120
2-Hexanone	1.1	U	100	92.7		ug/L		93	71 - 125
4-Methyl-2-pentanone (MIBK)	1.3	U	100	103		ug/L		103	78 - 124
Acetone	4.4	U	100	95.3		ug/L		95	39 - 150
Benzene	0.68	J	20.0	23.1		ug/L		112	77 - 121
Bromodichloromethane	0.34	U	20.0	16.5		ug/L		82	76 - 120
Bromoform	0.54	U F1	20.0	9.33	F1	ug/L		47	53 - 120
Bromomethane	0.55	U	20.0	17.8		ug/L		89	10 - 150
Carbon disulfide	0.82	U	20.0	19.7		ug/L		99	69 - 133
Carbon tetrachloride	0.21	U F1	20.0	13.3	F1	ug/L		66	70 - 132
Chlorobenzene	0.38	U	20.0	19.4		ug/L		97	80 - 120
Chlorobromomethane	0.41	U	20.0	19.6		ug/L		98	77 - 127
Chloroethane	2.1		20.0	21.2		ug/L		96	52 - 150

Eurofins TestAmerica, Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

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

Lab Sample ID: 480-163635-B-1 MS

Matrix: Water

Analysis Batch: 662428

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	0.33	U	20.0	19.7		ug/L		99	80 - 120
Chloromethane	0.40	U	20.0	24.2		ug/L		121	56 - 131
cis-1,2-Dichloroethene	1.0		20.0	20.6		ug/L		98	80 - 120
cis-1,3-Dichloropropene	0.22	U	20.0	18.0		ug/L		90	77 - 120
Ethylbenzene	4.4		20.0	24.2		ug/L		99	80 - 120
Methylene Chloride	0.32	U	20.0	20.2		ug/L		101	77 - 123
Styrene	0.42	U	20.0	18.8		ug/L		94	80 - 120
Tetrachloroethene	0.25	U	20.0	18.8		ug/L		94	78 - 122
Toluene	0.39	J	20.0	20.4		ug/L		100	80 - 120
trans-1,2-Dichloroethene	0.24	U	20.0	19.2		ug/L		96	79 - 120
trans-1,3-Dichloropropene	0.49	U	20.0	17.2		ug/L		86	76 - 120
Trichloroethene	0.96	J	20.0	18.9		ug/L		90	77 - 120
Vinyl chloride	1.7		20.0	22.3		ug/L		103	62 - 138
Xylenes, Total	32		40.0	72.3		ug/L		100	80 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	105		74 - 132						
4-Bromofluorobenzene	96		77 - 124						
Dibromofluoromethane (Surr)	101		72 - 131						
Toluene-d8 (Surr)	104		80 - 120						

Definitions/Glossary

Client: EnSafe, Inc.

Job ID: 460-198386-1

Project/Site: Sanders/Frost St 0888823286

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery 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.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▣	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: Sanders/Frost St 0888823286

Job ID: 460-198386-1

GC/MS VOA

Analysis Batch: 662202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-198386-2	FB01-120319	Total/NA	Water	8260C	
460-198386-3	TB01-120219	Total/NA	Water	8260C	
MB 460-662202/9	Method Blank	Total/NA	Water	8260C	
LCS 460-662202/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-662202/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 662307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-198386-1	EB01-120319	Total/NA	Water	8260C	
460-198386-4	FSMW14A-120319	Total/NA	Water	8260C	
460-198386-5	FSMW14B-120319	Total/NA	Water	8260C	
460-198386-6	FSMW13A-120319	Total/NA	Water	8260C	
460-198386-7	FSMW8A-120419	Total/NA	Water	8260C	
460-198386-8	FSMW4A-120419	Total/NA	Water	8260C	
460-198386-9	FSMW4B-120419	Total/NA	Water	8260C	
460-198386-11	FSMW1A-120419	Total/NA	Water	8260C	
460-198386-12	FSMW2A-120519	Total/NA	Water	8260C	
460-198386-13	FSMW2B-120519	Total/NA	Water	8260C	
MB 460-662307/9	Method Blank	Total/NA	Water	8260C	
LCS 460-662307/4	Lab Control Sample	Total/NA	Water	8260C	
460-198386-5 MS	FSMW14B-120319	Total/NA	Water	8260C	
460-198386-5 MSD	FSMW14B-120319	Total/NA	Water	8260C	

Analysis Batch: 662428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-198386-10	DUP01-120319	Total/NA	Water	8260C	
MB 460-662428/8	Method Blank	Total/NA	Water	8260C	
LCS 460-662428/4	Lab Control Sample	Total/NA	Water	8260C	
480-163635-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260C	
480-163635-B-1 MS	Matrix Spike	Total/NA	Water	8260C	

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: EB01-120319

Lab Sample ID: 460-198386-1

Date Collected: 12/03/19 11:25

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662307	12/14/19 16:55	KLB	TAL EDI

Client Sample ID: FB01-120319

Lab Sample ID: 460-198386-2

Date Collected: 12/03/19 12:50

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662202	12/14/19 01:01	MZS	TAL EDI

Client Sample ID: TB01-120219

Lab Sample ID: 460-198386-3

Date Collected: 12/02/19 09:45

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662202	12/14/19 01:25	MZS	TAL EDI

Client Sample ID: FSMW14A-120319

Lab Sample ID: 460-198386-4

Date Collected: 12/03/19 11:10

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662307	12/14/19 17:19	KLB	TAL EDI

Client Sample ID: FSMW14B-120319

Lab Sample ID: 460-198386-5

Date Collected: 12/03/19 12:45

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	662307	12/14/19 20:58	KLB	TAL EDI

Client Sample ID: FSMW13A-120319

Lab Sample ID: 460-198386-6

Date Collected: 12/03/19 14:30

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662307	12/14/19 17:44	KLB	TAL EDI

Client Sample ID: FSMW8A-120419

Lab Sample ID: 460-198386-7

Date Collected: 12/04/19 08:50

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662307	12/14/19 18:08	KLB	TAL EDI

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Sanders/Frost St 0888823286

Job ID: 460-198386-1

Client Sample ID: FSMW4A-120419

Lab Sample ID: 460-198386-8

Date Collected: 12/04/19 10:30

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662307	12/14/19 18:32	KLB	TAL EDI

Client Sample ID: FSMW4B-120419

Lab Sample ID: 460-198386-9

Date Collected: 12/04/19 12:00

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662307	12/14/19 18:57	KLB	TAL EDI

Client Sample ID: DUP01-120319

Lab Sample ID: 460-198386-10

Date Collected: 12/03/19 00:00

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662428	12/15/19 06:17	KLB	TAL EDI

Client Sample ID: FSMW1A-120419

Lab Sample ID: 460-198386-11

Date Collected: 12/04/19 14:15

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662307	12/14/19 19:21	KLB	TAL EDI

Client Sample ID: FSMW2A-120519

Lab Sample ID: 460-198386-12

Date Collected: 12/05/19 08:15

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	662307	12/14/19 20:10	KLB	TAL EDI

Client Sample ID: FSMW2B-120519

Lab Sample ID: 460-198386-13

Date Collected: 12/05/19 09:45

Matrix: Water

Date Received: 12/05/19 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	662307	12/14/19 19:45	KLB	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: EnSafe, Inc.

Job ID: 460-198386-1

Project/Site: Sanders/Frost St 0888823286

Laboratory: Eurofins TestAmerica, Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-20

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 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 #
EB01-120319	460-198386-1	99	100	102	95
FB01-120319	460-198386-2	99	99	102	96
TB01-120219	460-198386-3	101	101	102	94
FSMW14A-120319	460-198386-4	101	100	100	95
FSMW14B-120319	460-198386-5	102	100	102	94
FSMW13A-120319	460-198386-6	98	98	102	96
FSMW8A-120419	460-198386-7	103	102	100	93
FSMW4A-120419	460-198386-8	102	103	102	93
FSMW4B-120419	460-198386-9	99	101	103	95
DUP01-120319	460-198386-10	101	100	103	95
FSMW1A-120419	460-198386-11	100	99	102	94
FSMW2A-120519	460-198386-12	101	99	102	95
FSMW2B-120519	460-198386-13	103	99	102	98
	MB 460-662202/9	100	100	99	94
	MB 460-662307/9	99	98	102	95
	MB 460-662428/8	101	103	103	94
	LCS 460-662202/4	99	99	99	95
	LCS 460-662307/4	98	99	99	94
	LCS 460-662428/4	99	100	101	95
	LCSD 460-662202/5	98	100	100	96
FSMW14B-120319 MS	460-198386-5 MS	99	101	103	95
	480-163635-B-1 MS	101	105	104	96
FSMW14B-120319 MSD	460-198386-5 MSD	100	99	103	96
	480-163635-A-1 MSD	99	104	103	95

	<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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F89802.D
 Lab ID: LCS 460-662202/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.4	87	75-125	
1,1,2,2-Tetrachloroethane	20.0	20.5	102	74-120	
1,1,2-Trichloroethane	20.0	21.5	107	78-120	
1,1-Dichloroethane	20.0	19.9	100	77-123	
1,1-Dichloroethene	20.0	19.1	96	74-123	
1,2-Dichloroethane	20.0	19.6	98	76-121	
1,2-Dichloropropane	20.0	20.4	102	77-123	
2-Butanone (MEK)	100	98.5	99	64-120	
2-Hexanone	100	99.7	100	71-125	
4-Methyl-2-pentanone (MIBK)	100	101	101	78-124	
Acetone	100	109	109	39-150	
Benzene	20.0	19.7	99	77-121	
Bromodichloromethane	20.0	16.8	84	76-120	
Bromoform	20.0	12.1	60	53-120	
Bromomethane	20.0	16.8	84	10-150	
Carbon disulfide	20.0	20.7	103	69-133	
Carbon tetrachloride	20.0	14.0	70	70-132	
Chlorobenzene	20.0	18.9	95	80-120	
Chlorobromomethane	20.0	18.7	93	77-127	
Chloroethane	20.0	16.7	83	52-150	
Chloroform	20.0	19.6	98	80-120	
Chloromethane	20.0	19.8	99	56-131	
cis-1,2-Dichloroethene	20.0	20.3	102	80-120	
cis-1,3-Dichloropropene	20.0	18.9	95	77-120	
Ethylbenzene	20.0	18.6	93	80-120	
Methylene Chloride	20.0	21.0	105	77-123	
Styrene	20.0	18.7	93	80-120	
Tetrachloroethene	20.0	17.2	86	78-122	
Toluene	20.0	18.8	94	80-120	
trans-1,2-Dichloroethene	20.0	19.9	99	79-120	
trans-1,3-Dichloropropene	20.0	18.0	90	76-120	
Trichloroethene	20.0	18.7	94	77-120	
Vinyl chloride	20.0	18.8	94	62-138	
Xylenes, Total	40.0	37.1	93	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F89830.D
 Lab ID: LCS 460-662307/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.5	87	75-125	
1,1,2,2-Tetrachloroethane	20.0	19.4	97	74-120	
1,1,2-Trichloroethane	20.0	21.1	105	78-120	
1,1-Dichloroethane	20.0	20.1	101	77-123	
1,1-Dichloroethene	20.0	19.1	96	74-123	
1,2-Dichloroethane	20.0	19.5	97	76-121	
1,2-Dichloropropane	20.0	20.1	101	77-123	
2-Butanone (MEK)	100	90.4	90	64-120	
2-Hexanone	100	95.6	96	71-125	
4-Methyl-2-pentanone (MIBK)	100	100	100	78-124	
Acetone	100	94.9	95	39-150	
Benzene	20.0	19.7	98	77-121	
Bromodichloromethane	20.0	16.7	83	76-120	
Bromoform	20.0	11.7	59	53-120	
Bromomethane	20.0	18.1	90	10-150	
Carbon disulfide	20.0	19.8	99	69-133	
Carbon tetrachloride	20.0	13.9	70	70-132	
Chlorobenzene	20.0	19.2	96	80-120	
Chlorobromomethane	20.0	19.4	97	77-127	
Chloroethane	20.0	17.8	89	52-150	
Chloroform	20.0	19.5	98	80-120	
Chloromethane	20.0	22.0	110	56-131	
cis-1,2-Dichloroethene	20.0	20.2	101	80-120	
cis-1,3-Dichloropropene	20.0	18.5	93	77-120	
Ethylbenzene	20.0	19.0	95	80-120	
Methylene Chloride	20.0	20.2	101	77-123	
Styrene	20.0	18.7	93	80-120	
Tetrachloroethene	20.0	17.4	87	78-122	
Toluene	20.0	18.8	94	80-120	
trans-1,2-Dichloroethene	20.0	19.5	98	79-120	
trans-1,3-Dichloropropene	20.0	17.7	89	76-120	
Trichloroethene	20.0	18.3	92	77-120	
Vinyl chloride	20.0	21.0	105	62-138	
Xylenes, Total	40.0	37.8	95	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F89861.D
 Lab ID: LCS 460-662428/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.4	87	75-125	
1,1,2,2-Tetrachloroethane	20.0	20.7	103	74-120	
1,1,2-Trichloroethane	20.0	20.5	103	78-120	
1,1-Dichloroethane	20.0	20.5	102	77-123	
1,1-Dichloroethene	20.0	18.6	93	74-123	
1,2-Dichloroethane	20.0	20.1	101	76-121	
1,2-Dichloropropane	20.0	21.2	106	77-123	
2-Butanone (MEK)	100	90.8	91	64-120	
2-Hexanone	100	94.6	95	71-125	
4-Methyl-2-pentanone (MIBK)	100	103	103	78-124	
Acetone	100	111	111	39-150	
Benzene	20.0	21.7	109	77-121	
Bromodichloromethane	20.0	17.1	86	76-120	
Bromoform	20.0	11.9	59	53-120	
Bromomethane	20.0	17.5	88	10-150	
Carbon disulfide	20.0	20.1	100	69-133	
Carbon tetrachloride	20.0	14.3	71	70-132	
Chlorobenzene	20.0	18.8	94	80-120	
Chlorobromomethane	20.0	19.3	97	77-127	
Chloroethane	20.0	18.5	93	52-150	
Chloroform	20.0	19.0	95	80-120	
Chloromethane	20.0	23.0	115	56-131	
cis-1,2-Dichloroethene	20.0	19.1	96	80-120	
cis-1,3-Dichloropropene	20.0	17.7	89	77-120	
Ethylbenzene	20.0	20.3	102	80-120	
Methylene Chloride	20.0	19.5	97	77-123	
Styrene	20.0	19.0	95	80-120	
Tetrachloroethene	20.0	18.6	93	78-122	
Toluene	20.0	19.5	98	80-120	
trans-1,2-Dichloroethene	20.0	20.1	101	79-120	
trans-1,3-Dichloropropene	20.0	17.0	85	76-120	
Trichloroethene	20.0	17.9	90	77-120	
Vinyl chloride	20.0	21.0	105	62-138	
Xylenes, Total	40.0	39.2	98	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-198386-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F89803.D

Lab ID: LCSD 460-662202/5

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	15.8	79	10	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	9	30	74-120	
1,1,2-Trichloroethane	20.0	20.6	103	4	30	78-120	
1,1-Dichloroethane	20.0	18.9	94	6	30	77-123	
1,1-Dichloroethene	20.0	17.3	87	10	30	74-123	
1,2-Dichloroethane	20.0	18.7	93	5	30	76-121	
1,2-Dichloropropane	20.0	19.7	99	3	30	77-123	
2-Butanone (MEK)	100	81.5	82	19	30	64-120	
2-Hexanone	100	93.8	94	6	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	94.0	94	8	30	78-124	
Acetone	100	104	104	5	30	39-150	
Benzene	20.0	18.3	91	8	30	77-121	
Bromodichloromethane	20.0	16.0	80	4	30	76-120	
Bromoform	20.0	11.3	57	6	30	53-120	
Bromomethane	20.0	15.6	78	7	30	10-150	
Carbon disulfide	20.0	19.1	96	8	30	69-133	
Carbon tetrachloride	20.0	13.0	65	7	30	70-132	*
Chlorobenzene	20.0	17.5	88	8	30	80-120	
Chlorobromomethane	20.0	18.0	90	4	30	77-127	
Chloroethane	20.0	16.1	81	3	30	52-150	
Chloroform	20.0	18.2	91	8	30	80-120	
Chloromethane	20.0	19.2	96	3	30	56-131	
cis-1,2-Dichloroethene	20.0	18.1	91	11	30	80-120	
cis-1,3-Dichloropropene	20.0	17.8	89	6	30	77-120	
Ethylbenzene	20.0	16.9	85	10	30	80-120	
Methylene Chloride	20.0	19.8	99	6	30	77-123	
Styrene	20.0	16.9	84	10	30	80-120	
Tetrachloroethene	20.0	16.0	80	7	30	78-122	
Toluene	20.0	17.0	85	10	30	80-120	
trans-1,2-Dichloroethene	20.0	18.7	94	6	30	79-120	
trans-1,3-Dichloropropene	20.0	17.4	87	4	30	76-120	
Trichloroethene	20.0	17.4	87	7	30	77-120	
Vinyl chloride	20.0	17.3	86	9	30	62-138	
Xylenes, Total	40.0	33.7	84	10	30	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-198386-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F89839.D

Lab ID: 460-198386-5 MS

Client ID: FSMW14B-120319 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	100	1.2 U	84.4	84	75-125	
1,1,2,2-Tetrachloroethane	100	1.8 U	102	102	74-120	
1,1,2-Trichloroethane	100	2.2 U	130	130	78-120	F1
1,1-Dichloroethane	100	1.3 U	101	101	77-123	
1,1-Dichloroethene	100	1.3 U	94.3	94	74-123	
1,2-Dichloroethane	100	2.2 U	93.7	94	76-121	
1,2-Dichloropropane	100	1.8 U	105	105	77-123	
2-Butanone (MEK)	500	9.3 U	472	94	64-120	
2-Hexanone	500	5.7 U	451	90	71-125	
4-Methyl-2-pentanone (MIBK)	500	6.5 U	497	99	78-124	
Acetone	500	52	548	99	39-150	
Benzene	100	1.0 U	110	110	77-121	
Bromodichloromethane	100	1.7 U	80.9	81	76-120	
Bromoform	100	2.7 U	55.4	55	53-120	
Bromomethane	100	2.8 U	92.2	92	10-150	
Carbon disulfide	100	4.1 U	93.7	94	69-133	
Carbon tetrachloride	100	1.0 U	70.1	70	70-132	
Chlorobenzene	100	1.9 U	94.3	94	80-120	
Chlorobromomethane	100	2.1 U	95.2	95	77-127	
Chloroethane	100	1.6 U	96.1	96	52-150	
Chloroform	100	1.6 U	98.1	98	80-120	
Chloromethane	100	2.0 U	116	116	56-131	
cis-1,2-Dichloroethene	100	9.3	105	96	80-120	
cis-1,3-Dichloropropene	100	1.1 U	90.9	91	77-120	
Ethylbenzene	100	1.5 U	100	100	80-120	
Methylene Chloride	100	1.6 U	104	104	77-123	
Styrene	100	2.1 U	93.7	94	80-120	
Tetrachloroethene	100	1100	927	-129	78-122	4
Toluene	100	1.9 U	97.6	98	80-120	
trans-1,2-Dichloroethene	100	1.2 U	99.6	100	79-120	
trans-1,3-Dichloropropene	100	2.4 U	83.7	84	76-120	
Trichloroethene	100	33	125	92	77-120	
Vinyl chloride	100	0.86 U	109	109	62-138	
Xylenes, Total	200	3.3 U	192	96	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-198386-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F89883.D

Lab ID: 480-163635-B-1 MS

Client ID: _____

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	17.0	85	75-125	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	20.7	103	74-120	
1,1,2-Trichloroethane	20.0	0.43 U	22.3	111	78-120	
1,1-Dichloroethane	20.0	39	55.0	79	77-123	
1,1-Dichloroethene	20.0	96	92.4	-18	74-123	4
1,2-Dichloroethane	20.0	4.3	24.0	99	76-121	
1,2-Dichloropropane	20.0	0.35 U	19.4	97	77-123	
2-Butanone (MEK)	100	1.9 U	91.3	91	64-120	
2-Hexanone	100	1.1 U	92.7	93	71-125	
4-Methyl-2-pentanone (MIBK)	100	1.3 U	103	103	78-124	
Acetone	100	4.4 U	95.3	95	39-150	
Benzene	20.0	0.68 J	23.1	112	77-121	
Bromodichloromethane	20.0	0.34 U	16.5	82	76-120	
Bromoform	20.0	0.54 U	9.33	47	53-120	F1
Bromomethane	20.0	0.55 U	17.8	89	10-150	
Carbon disulfide	20.0	0.82 U	19.7	99	69-133	
Carbon tetrachloride	20.0	0.21 U	13.3	66	70-132	F1
Chlorobenzene	20.0	0.38 U	19.4	97	80-120	
Chlorobromomethane	20.0	0.41 U	19.6	98	77-127	
Chloroethane	20.0	2.1	21.2	96	52-150	
Chloroform	20.0	0.33 U	19.7	99	80-120	
Chloromethane	20.0	0.40 U	24.2	121	56-131	
cis-1,2-Dichloroethene	20.0	1.0	20.6	98	80-120	
cis-1,3-Dichloropropene	20.0	0.22 U	18.0	90	77-120	
Ethylbenzene	20.0	4.4	24.2	99	80-120	
Methylene Chloride	20.0	0.32 U	20.2	101	77-123	
Styrene	20.0	0.42 U	18.8	94	80-120	
Tetrachloroethene	20.0	0.25 U	18.8	94	78-122	
Toluene	20.0	0.39 J	20.4	100	80-120	
trans-1,2-Dichloroethene	20.0	0.24 U	19.2	96	79-120	
trans-1,3-Dichloropropene	20.0	0.49 U	17.2	86	76-120	
Trichloroethene	20.0	0.96 J	18.9	90	77-120	
Vinyl chloride	20.0	1.7	22.3	103	62-138	
Xylenes, Total	40.0	32	72.3	100	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-198386-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F89840.D

Lab ID: 460-198386-5 MSD

Client ID: FSMW14B-120319 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	100	85.3	85	1	30	75-125	
1,1,2,2-Tetrachloroethane	100	103	103	1	30	74-120	
1,1,2-Trichloroethane	100	131	131	0	30	78-120	F1
1,1-Dichloroethane	100	102	102	0	30	77-123	
1,1-Dichloroethene	100	101	101	7	30	74-123	
1,2-Dichloroethane	100	97.8	98	4	30	76-121	
1,2-Dichloropropane	100	101	101	4	30	77-123	
2-Butanone (MEK)	500	459	92	3	30	64-120	
2-Hexanone	500	470	94	4	30	71-125	
4-Methyl-2-pentanone (MIBK)	500	501	100	1	30	78-124	
Acetone	500	543	98	1	30	39-150	
Benzene	100	110	110	0	30	77-121	
Bromodichloromethane	100	83.6	84	3	30	76-120	
Bromoform	100	61.9	62	11	30	53-120	
Bromomethane	100	96.8	97	5	30	10-150	
Carbon disulfide	100	98.2	98	5	30	69-133	
Carbon tetrachloride	100	70.9	71	1	30	70-132	
Chlorobenzene	100	95.5	96	1	30	80-120	
Chlorobromomethane	100	94.1	94	1	30	77-127	
Chloroethane	100	101	101	5	30	52-150	
Chloroform	100	99.0	99	1	30	80-120	
Chloromethane	100	118	118	2	30	56-131	
cis-1,2-Dichloroethene	100	109	99	3	30	80-120	
cis-1,3-Dichloropropene	100	97.3	97	7	30	77-120	
Ethylbenzene	100	98.1	98	2	30	80-120	
Methylene Chloride	100	98.5	98	5	30	77-123	
Styrene	100	94.9	95	1	30	80-120	
Tetrachloroethene	100	926	-130	0	30	78-122	4
Toluene	100	99.3	99	2	30	80-120	
trans-1,2-Dichloroethene	100	98.8	99	1	30	79-120	
trans-1,3-Dichloropropene	100	91.8	92	9	30	76-120	
Trichloroethene	100	120	88	4	30	77-120	
Vinyl chloride	100	113	113	4	30	62-138	
Xylenes, Total	200	194	97	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-198386-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F89884.D

Lab ID: 480-163635-A-1 MSD

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	18.2	91	7	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	21.8	109	5	30	74-120	
1,1,2-Trichloroethane	20.0	22.6	113	1	30	78-120	
1,1-Dichloroethane	20.0	58.7	98	6	30	77-123	
1,1-Dichloroethene	20.0	101	25	9	30	74-123	4
1,2-Dichloroethane	20.0	24.9	103	4	30	76-121	
1,2-Dichloropropane	20.0	22.6	113	15	30	77-123	
2-Butanone (MEK)	100	92.4	92	1	30	64-120	
2-Hexanone	100	92.8	93	0	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	103	103	0	30	78-124	
Acetone	100	104	104	8	30	39-150	
Benzene	20.0	24.3	118	5	30	77-121	
Bromodichloromethane	20.0	17.7	88	7	30	76-120	
Bromoform	20.0	10.1	51	8	30	53-120	F1
Bromomethane	20.0	18.3	91	3	30	10-150	
Carbon disulfide	20.0	21.1	106	7	30	69-133	
Carbon tetrachloride	20.0	15.3	77	14	30	70-132	
Chlorobenzene	20.0	20.0	100	3	30	80-120	
Chlorobromomethane	20.0	20.0	100	2	30	77-127	
Chloroethane	20.0	21.0	95	1	30	52-150	
Chloroform	20.0	21.1	106	7	30	80-120	
Chloromethane	20.0	24.5	123	1	30	56-131	
cis-1,2-Dichloroethene	20.0	22.4	107	8	30	80-120	
cis-1,3-Dichloropropene	20.0	19.3	97	7	30	77-120	
Ethylbenzene	20.0	24.6	101	2	30	80-120	
Methylene Chloride	20.0	21.1	105	4	30	77-123	
Styrene	20.0	19.7	98	5	30	80-120	
Tetrachloroethene	20.0	19.5	97	3	30	78-122	
Toluene	20.0	21.6	106	6	30	80-120	
trans-1,2-Dichloroethene	20.0	21.1	105	9	30	79-120	
trans-1,3-Dichloropropene	20.0	17.6	88	3	30	76-120	
Trichloroethene	20.0	20.4	97	7	30	77-120	
Vinyl chloride	20.0	23.7	110	6	30	62-138	
Xylenes, Total	40.0	73.2	102	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Lab File ID: F89807.D Lab Sample ID: MB 460-662202/9
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS6 Date Analyzed: 12/13/2019 22:56
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 460-662202/4	F89802.D	12/13/2019 20:55
	LCSD 460-662202/5	F89803.D	12/13/2019 21:19
FB01-120319	460-198386-2	F89811.D	12/14/2019 01:01
TB01-120219	460-198386-3	F89812 .D	12/14/2019 01:25

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Lab File ID: F89835.D Lab Sample ID: MB 460-662307/9
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS6 Date Analyzed: 12/14/2019 12:28
 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 460-662307/4	F89830.D	12/14/2019 10:27
FSMW14B-120319 MS	460-198386-5 MS	F89839.D	12/14/2019 14:06
FSMW14B-120319 MSD	460-198386-5 MSD	F89840.D	12/14/2019 14:30
EB01-120319	460-198386-1	F89846.D	12/14/2019 16:55
FSMW14A-120319	460-198386-4	F89847.D	12/14/2019 17:19
FSMW13A-120319	460-198386-6	F89848.D	12/14/2019 17:44
FSMW8A-120419	460-198386-7	F89849.D	12/14/2019 18:08
FSMW4A-120419	460-198386-8	F89850.D	12/14/2019 18:32
FSMW4B-120419	460-198386-9	F89851.D	12/14/2019 18:57
FSMW1A-120419	460-198386-11	F89852.D	12/14/2019 19:21
FSMW2B-120519	460-198386-13	F89853.D	12/14/2019 19:45
FSMW2A-120519	460-198386-12	F89854.D	12/14/2019 20:10
FSMW14B-120319	460-198386-5	F89856.D	12/14/2019 20:58

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Lab File ID: F89865.D Lab Sample ID: MB 460-662428/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS6 Date Analyzed: 12/15/2019 01:03
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 460-662428/4	F89861.D	12/14/2019 23:27
DUP01-120319	460-198386-10	F89878.D	12/15/2019 06:17
	480-163635-B-1 MS	F89883.D	12/15/2019 08:18
	480-163635-A-1 MSD	F89884.D	12/15/2019 08:42

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Lab File ID: F89083.D BFB Injection Date: 11/29/2019
 Instrument ID: CVOAMS6 BFB Injection Time: 21:13
 Analysis Batch No.: 659134

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.2
75	30.0 - 60.0 % of mass 95	50.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	81.5
175	5.0 - 9.0 % of mass 174	6.5 (7.9) 1
176	95.0 - 101.0 % of mass 174	79.8 (97.9) 1
177	5.0 - 9.0 % of mass 176	4.5 (5.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-659134/3	F89085.D	11/29/2019	22:20
	STD1 460-659134/4	F89086.D	11/29/2019	22:43
	STD5 460-659134/5	F89087.D	11/29/2019	23:07
	STD20 460-659134/6	F89088.D	11/29/2019	23:31
	STD50 460-659134/7	F89089.D	11/29/2019	23:55
	STD200 460-659134/8	F89090.D	11/30/2019	00:19
	STD500 460-659134/9	F89091.D	11/30/2019	00:43

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Lab File ID: F89799.D BFB Injection Date: 12/13/2019
Instrument ID: CVOAMS6 BFB Injection Time: 19:17
Analysis Batch No.: 662202

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.6
75	30.0 - 60.0 % of mass 95	54.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.4 (0.4) 1
174	50.0 - 120.00 % of mass 95	89.7
175	5.0 - 9.0 % of mass 174	8.0 (8.9) 1
176	95.0 - 101.0 % of mass 174	85.9 (95.7) 1
177	5.0 - 9.0 % of mass 176	5.2 (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
	CCVIS 460-662202/3	F89801.D	12/13/2019	20:31
	LCS 460-662202/4	F89802.D	12/13/2019	20:55
	LCSD 460-662202/5	F89803.D	12/13/2019	21:19
	MB 460-662202/9	F89807.D	12/13/2019	22:56
FB01-120319	460-198386-2	F89811.D	12/14/2019	01:01
TB01-120219	460-198386-3	F89812 .D	12/14/2019	01:25

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Lab File ID: F89827.D BFB Injection Date: 12/14/2019
Instrument ID: CVOAMS6 BFB Injection Time: 09:06
Analysis Batch No.: 662307

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.0
75	30.0 - 60.0 % of mass 95	51.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	83.4
175	5.0 - 9.0 % of mass 174	7.3 (8.7) 1
176	95.0 - 101.0 % of mass 174	82.5 (99.0) 1
177	5.0 - 9.0 % of mass 176	5.1 (6.2) 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 460-662307/3	F89829.D	12/14/2019	10:03
	LCS 460-662307/4	F89830.D	12/14/2019	10:27
	MB 460-662307/9	F89835.D	12/14/2019	12:28
FSMW14B-120319 MS	460-198386-5 MS	F89839.D	12/14/2019	14:06
FSMW14B-120319 MSD	460-198386-5 MSD	F89840.D	12/14/2019	14:30
EB01-120319	460-198386-1	F89846.D	12/14/2019	16:55
FSMW14A-120319	460-198386-4	F89847.D	12/14/2019	17:19
FSMW13A-120319	460-198386-6	F89848.D	12/14/2019	17:44
FSMW8A-120419	460-198386-7	F89849.D	12/14/2019	18:08
FSMW4A-120419	460-198386-8	F89850.D	12/14/2019	18:32
FSMW4B-120419	460-198386-9	F89851.D	12/14/2019	18:57
FSMW1A-120419	460-198386-11	F89852.D	12/14/2019	19:21
FSMW2B-120519	460-198386-13	F89853.D	12/14/2019	19:45
FSMW2A-120519	460-198386-12	F89854.D	12/14/2019	20:10
FSMW14B-120319	460-198386-5	F89856.D	12/14/2019	20:58

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Lab File ID: F89858.D BFB Injection Date: 12/14/2019
 Instrument ID: CVOAMS6 BFB Injection Time: 22:14
 Analysis Batch No.: 662428

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.9
75	30.0 - 60.0 % of mass 95	53.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	76.3
175	5.0 - 9.0 % of mass 174	6.4 (8.4) 1
176	95.0 - 101.0 % of mass 174	74.5 (97.6) 1
177	5.0 - 9.0 % of mass 176	4.8 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-662428/3	F89860.D	12/14/2019	23:03
	LCS 460-662428/4	F89861.D	12/14/2019	23:27
	MB 460-662428/8	F89865.D	12/15/2019	01:03
DUP01-120319	460-198386-10	F89878.D	12/15/2019	06:17
	480-163635-B-1 MS	F89883.D	12/15/2019	08:18
	480-163635-A-1 MSD	F89884.D	12/15/2019	08:42

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Sample No.: CCVIS 460-662202/3 Date Analyzed: 12/13/2019 20:31
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F89801.D Heated Purge: (Y/N) N
 Calibration ID: 77632

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		202501	3.24	264302	4.29	389705	5.39
UPPER LIMIT		405002	3.74	528604	4.79	779410	5.89
LOWER LIMIT		101251	2.74	132151	3.79	194853	4.89
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-662202/4		194984	3.24	242053	4.29	359936	5.39
LCSD 460-662202/5		204102	3.24	261383	4.29	380546	5.39
MB 460-662202/9		183165	3.24	227351	4.29	332318	5.39
460-198386-2	FB01-120319	177417	3.25	230293	4.29	358953	5.39
460-198386-3	TB01-120219	178821	3.24	231503	4.29	335643	5.39

TBA_d9 = TBA-d₉ (IS)
 BUT = 2-Butanone-d₅
 FB = Fluorobenzene

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Sample No.: CCVIS 460-662202/3 Date Analyzed: 12/13/2019 20:31
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F89801.D Heated Purge: (Y/N) N
 Calibration ID: 77632

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21575	6.08	288771	8.83	175898	10.97
UPPER LIMIT		43150	6.58	577542	9.33	351796	11.47
LOWER LIMIT		10788	5.58	144386	8.33	87949	10.47
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-662202/4		20030	6.08	267562	8.83	166734	10.97
LCSD 460-662202/5		19965	6.08	283822	8.83	174331	10.97
MB 460-662202/9		19501	6.08	247246	8.83	148272	10.97
460-198386-2		FB01-120319	17912	6.08	252341	8.83	152247
460-198386-3		TB01-120219	18486	6.08	234526	8.83	146834

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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Sample No.: CCVIS 460-662307/3 Date Analyzed: 12/14/2019 10:03
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F89829.D Heated Purge: (Y/N) N
 Calibration ID: 77632

	TBAd9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	184334	3.24	244790	4.29	382332	5.39
UPPER LIMIT	368668	3.74	489580	4.79	764664	5.89
LOWER LIMIT	92167	2.74	122395	3.79	191166	4.89
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-662307/4		209852	3.25	272335	4.30	403786 5.39
MB 460-662307/9		185626	3.26	241469	4.30	370262 5.39
460-198386-5 MS	FSMW14B-120319 MS	184927	3.26	256452	4.30	384514 5.40
460-198386-5 MSD	FSMW14B-120319 MSD	190088	3.25	249006	4.30	367088 5.39
460-198386-1	EB01-120319	167518	3.25	232574	4.30	344217 5.39
460-198386-4	FSMW14A-120319	186771	3.27	247645	4.30	357098 5.40
460-198386-6	FSMW13A-120319	184763	3.24	248859	4.30	351938 5.39
460-198386-7	FSMW8A-120419	179768	3.25	238353	4.30	337987 5.40
460-198386-8	FSMW4A-120419	189297	3.24	243345	4.30	336013 5.39
460-198386-9	FSMW4B-120419	183255	3.25	262543	4.30	367410 5.40
460-198386-11	FSMW1A-120419	177180	3.25	238975	4.30	356853 5.40
460-198386-13	FSMW2B-120519	178834	3.24	249272	4.29	338697 5.39
460-198386-12	FSMW2A-120519	174816	3.25	238693	4.30	341640 5.39
460-198386-5	FSMW14B-120319	170541	3.26	237392	4.30	339779 5.40

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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Sample No.: CCVIS 460-662307/3 Date Analyzed: 12/14/2019 10:03
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F89829.D Heated Purge: (Y/N) N
 Calibration ID: 77632

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19844	6.08	281010	8.83	176607	10.97
UPPER LIMIT		39688	6.58	562020	9.33	353214	11.47
LOWER LIMIT		9922	5.58	140505	8.33	88304	10.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-662307/4		21050	6.08	300472	8.83	183813	10.97
MB 460-662307/9		19027	6.08	257858	8.83	158716	10.97
460-198386-5 MS	FSMW14B-120319 MS	18869	6.09	269093	8.83	166158	10.97
460-198386-5 MSD	FSMW14B-120319 MSD	18997	6.09	255044	8.83	159827	10.97
460-198386-1	EB01-120319	15813	6.08	241547	8.83	149910	10.97
460-198386-4	FSMW14A-120319	18815	6.09	252588	8.84	153413	10.97
460-198386-6	FSMW13A-120319	17916	6.09	243569	8.83	148886	10.97
460-198386-7	FSMW8A-120419	15569	6.08	240305	8.83	149226	10.97
460-198386-8	FSMW4A-120419	17757	6.07	231352	8.83	142345	10.97
460-198386-9	FSMW4B-120419	15441	6.09	251100	8.83	156109	10.97
460-198386-11	FSMW1A-120419	13852	6.08	247668	8.83	151789	10.97
460-198386-13	FSMW2B-120519	17538	6.08	234594	8.83	145787	10.97
460-198386-12	FSMW2A-120519	16713	6.09	235453	8.84	144064	10.97
460-198386-5	FSMW14B-120319	16456	6.09	232961	8.84	141253	10.97

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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Sample No.: CCVIS 460-662428/3 Date Analyzed: 12/14/2019 23:03
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F89860.D Heated Purge: (Y/N) N
 Calibration ID: 77632

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		189879	3.26	270772	4.30	388020	5.39
UPPER LIMIT		379758	3.76	541544	4.80	776040	5.89
LOWER LIMIT		94940	2.76	135386	3.80	194010	4.89
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-662428/4		192012	3.25	272595	4.30	386206	5.39
MB 460-662428/8		190930	3.26	251622	4.30	351671	5.39
460-198386-10	DUP01-120319	148624	3.25	213681	4.30	304094	5.39
480-163635-B-1 MS		166146	3.26	253222	4.30	354749	5.39
480-163635-A-1 MSD		174037	3.25	256219	4.30	351645	5.39

TBA_d9 = TBA-d₉ (IS)
 BUT = 2-Butanone-d₅
 FB = Fluorobenzene

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Sample No.: CCVIS 460-662428/3 Date Analyzed: 12/14/2019 23:03
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F89860.D Heated Purge: (Y/N) N
 Calibration ID: 77632

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		18434	6.08	268732	8.83	168893	10.97
UPPER LIMIT		36868	6.58	537464	9.33	337786	11.47
LOWER LIMIT		9217	5.58	134366	8.33	84447	10.47
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-662428/4		16445	6.09	273472	8.83	169349	10.97
MB 460-662428/8		18890	6.08	237165	8.83	144390	10.97
460-198386-10	DUP01-120319	14320	6.09	209743	8.83	129111	10.97
480-163635-B-1 MS		14653	6.08	247426	8.83	157787	10.97
480-163635-A-1 MSD		17469	6.09	244028	8.83	152489	10.97

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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: EB01-120319 Lab Sample ID: 460-198386-1
 Matrix: Water Lab File ID: F89846.D
 Analysis Method: 8260C Date Collected: 12/03/2019 11:25
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 16:55
 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.: 662307 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: EB01-120319 Lab Sample ID: 460-198386-1
Matrix: Water Lab File ID: F89846.D
Analysis Method: 8260C Date Collected: 12/03/2019 11:25
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 16:55
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.: 662307 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	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89846.D
 Lims ID: 460-198386-B-1
 Client ID: EB01-120319
 Sample Type: Client
 Inject. Date: 14-Dec-2019 16:55:30 ALS Bottle#: 19 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-1
 Misc. Info.: 460-0102782-017
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 14-Dec-2019 18:02:09 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0321

First Level Reviewer: boykink

Date: 14-Dec-2019 18:02:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.250	3.242	0.008	0	167518	1000.0	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	232574	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	96	89055	49.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	118980	50.2	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	344217	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	15813	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	99	323522	50.8	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	88	241547	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	91	102587	47.5	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	98	149910	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89846.D

Injection Date: 14-Dec-2019 16:55:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-1

Lab Sample ID: 460-198386-1

Worklist Smp#: 17

Client ID: EB01-120319

Purge Vol: 5.000 mL

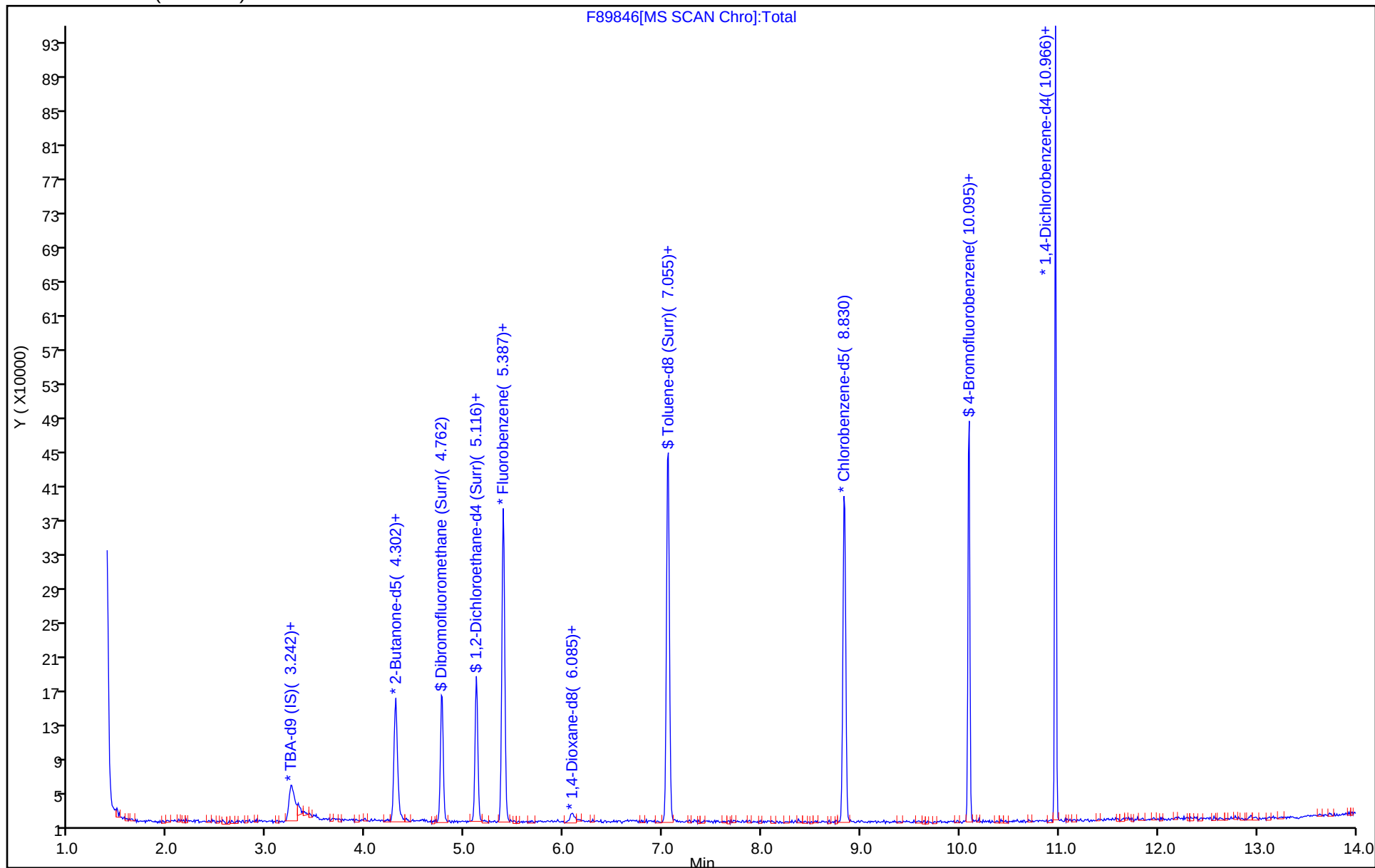
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89846.D

Injection Date: 14-Dec-2019 16:55:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-1

Lab Sample ID: 460-198386-1

Client ID: EB01-120319

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

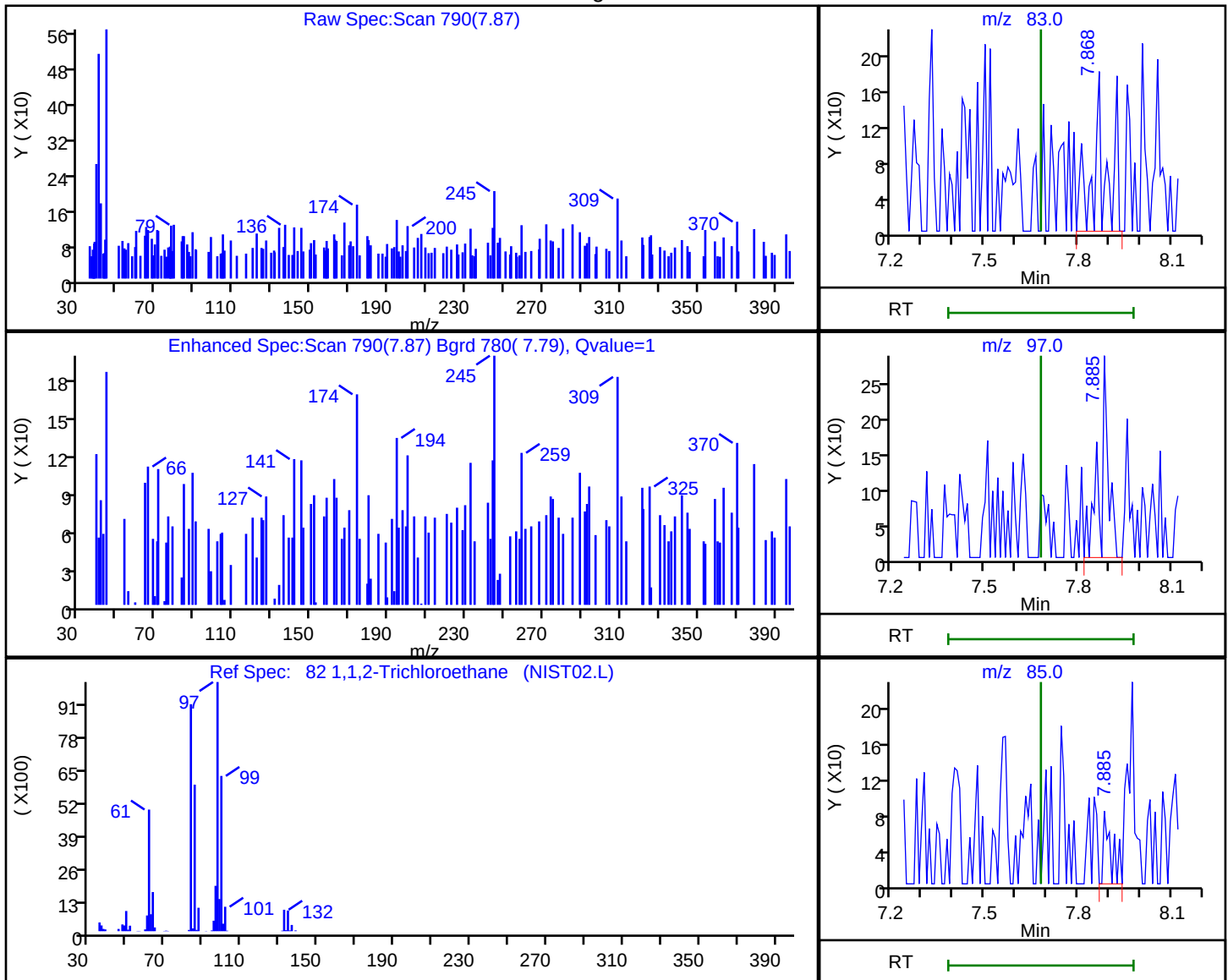
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.87	83.00	515	0.406571
7.88	97.00	548	
7.88	85.00	148	

Reviewer: boykink, 14-Dec-2019 18:02:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-198386-1</u>
SDG No.: _____	
Client Sample ID: <u>FB01-120319</u>	Lab Sample ID: <u>460-198386-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>F89811.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/03/2019 12:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/14/2019 01:01</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>662202</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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FB01-120319 Lab Sample ID: 460-198386-2
Matrix: Water Lab File ID: F89811.D
Analysis Method: 8260C Date Collected: 12/03/2019 12:50
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 01:01
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.: 662202 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)	99		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89811.D
 Lims ID: 460-198386-B-2
 Client ID: FB01-120319
 Sample Type: Client
 Inject. Date: 14-Dec-2019 01:01:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-2
 Misc. Info.: 460-0102759-013
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 14-Dec-2019 12:00:07 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0322

First Level Reviewer: starzecm

Date: 14-Dec-2019 12:00:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.250	3.242	0.008	0	177417	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	230293	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	92982	49.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.116	-0.001	0	122081	49.3	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	358953	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	17912	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.046	0.000	98	338757	50.9	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	252341	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	92	108377	48.0	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	152247	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89811.D

Injection Date: 14-Dec-2019 01:01:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-2

Lab Sample ID: 460-198386-2

Worklist Smp#: 13

Client ID: FB01-120319

Purge Vol: 5.000 mL

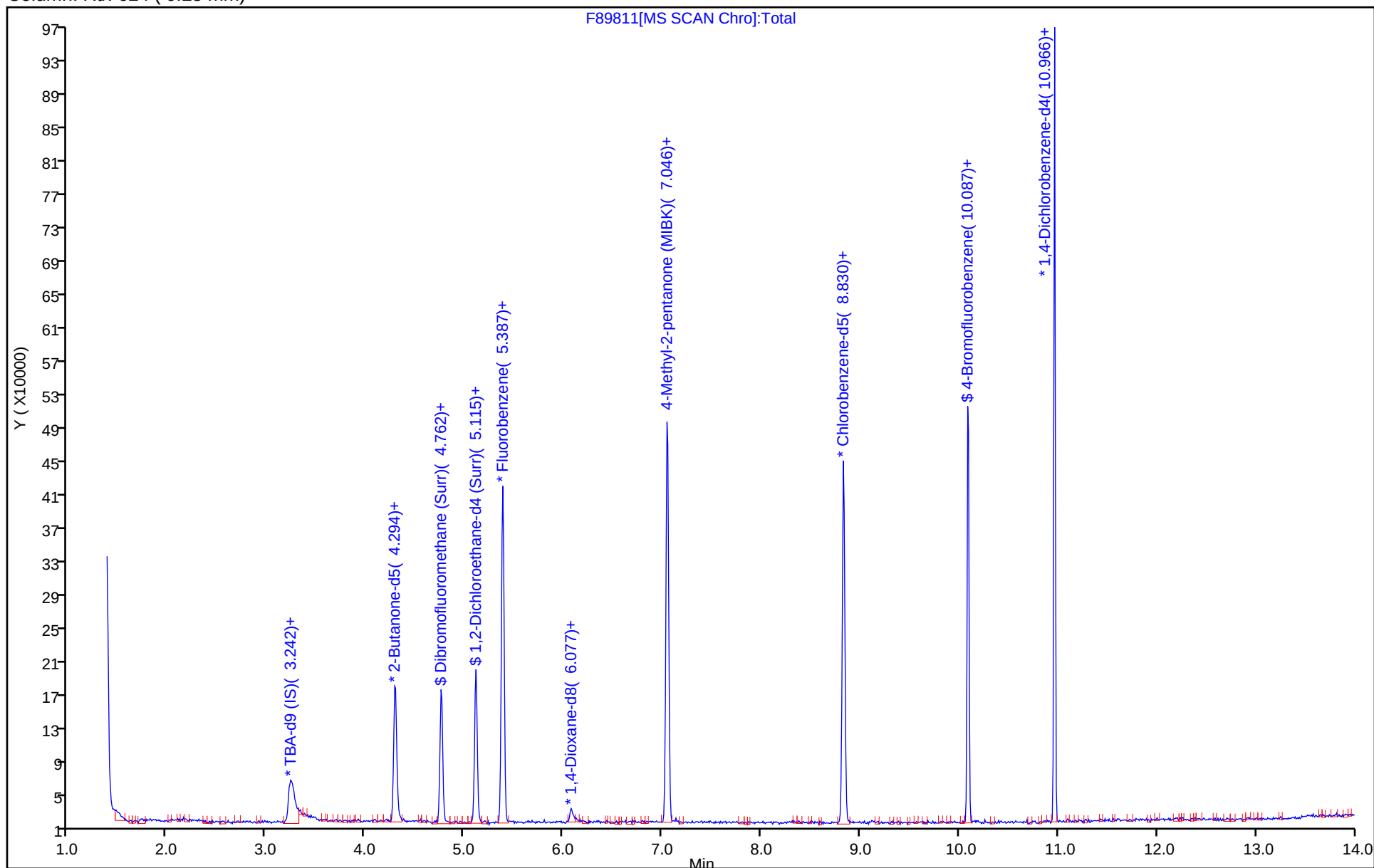
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89811.D

Injection Date: 14-Dec-2019 01:01:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-2

Lab Sample ID: 460-198386-2

Client ID: FB01-120319

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

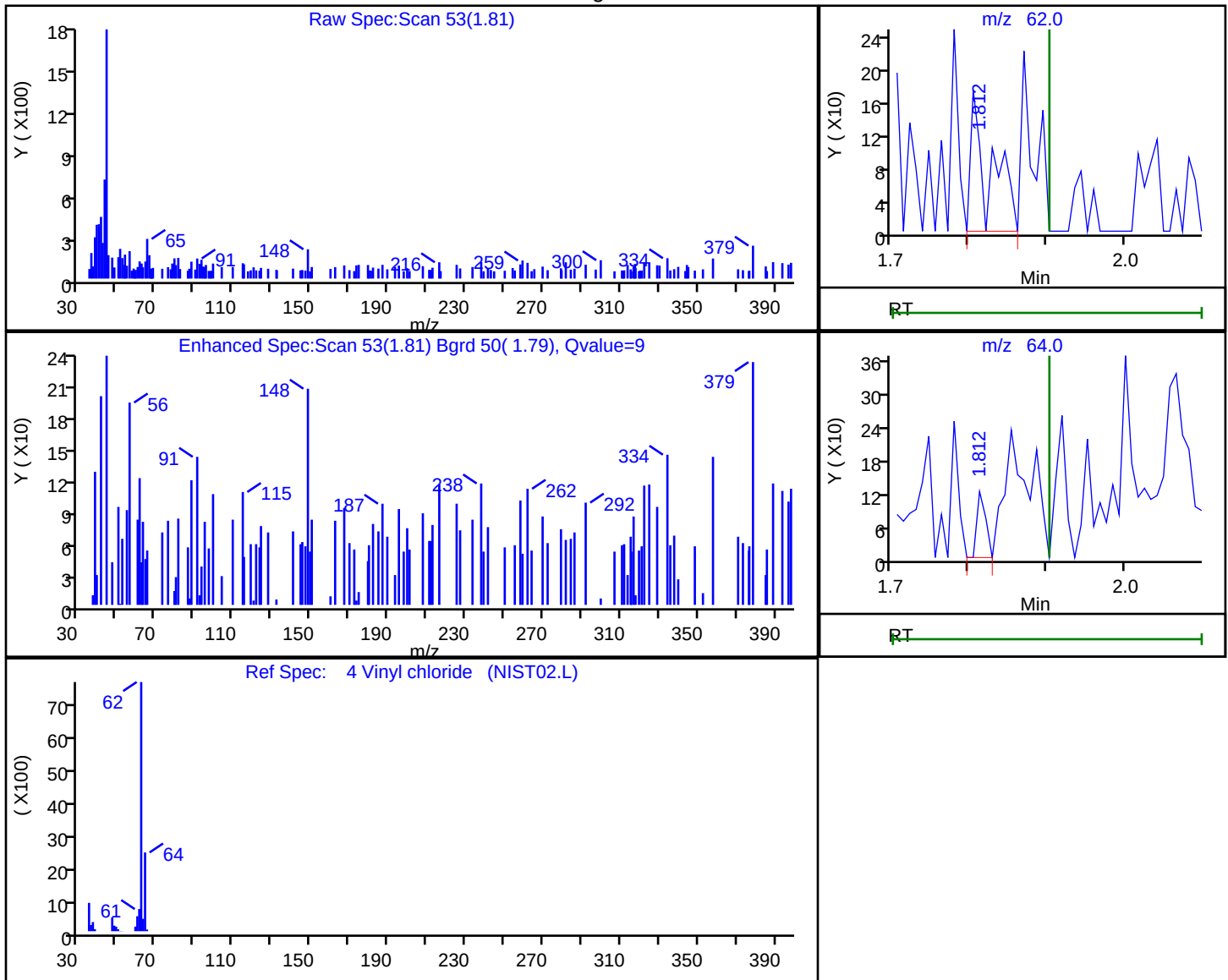
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.81	62.00	289	0.075487
1.81	64.00	93	

Reviewer: starzecm, 14-Dec-2019 11:59:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: TB01-120219 Lab Sample ID: 460-198386-3
 Matrix: Water Lab File ID: F89812 .D
 Analysis Method: 8260C Date Collected: 12/02/2019 09:45
 Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 01:25
 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.: 662202 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: TB01-120219 Lab Sample ID: 460-198386-3
Matrix: Water Lab File ID: F89812 .D
Analysis Method: 8260C Date Collected: 12/02/2019 09:45
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 01:25
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.: 662202 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89812.D
 Lims ID: 460-198386-B-3
 Client ID: TB01-120219
 Sample Type: Client
 Inject. Date: 14-Dec-2019 01:25:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-b-3
 Misc. Info.: 460-0102759-014
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 14-Dec-2019 12:00:07 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0322

First Level Reviewer: yallabg

Date: 14-Dec-2019 02:46:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	178821	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	231503	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	88313	50.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	0	116539	50.4	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	335643	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	18486	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.046	0.001	98	315090	51.0	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	234526	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	90	98959	47.2	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	98	146834	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89812.D

Injection Date: 14-Dec-2019 01:25:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-3

Lab Sample ID: 460-198386-3

Worklist Smp#: 14

Client ID: TB01-120219

Purge Vol: 5.000 mL

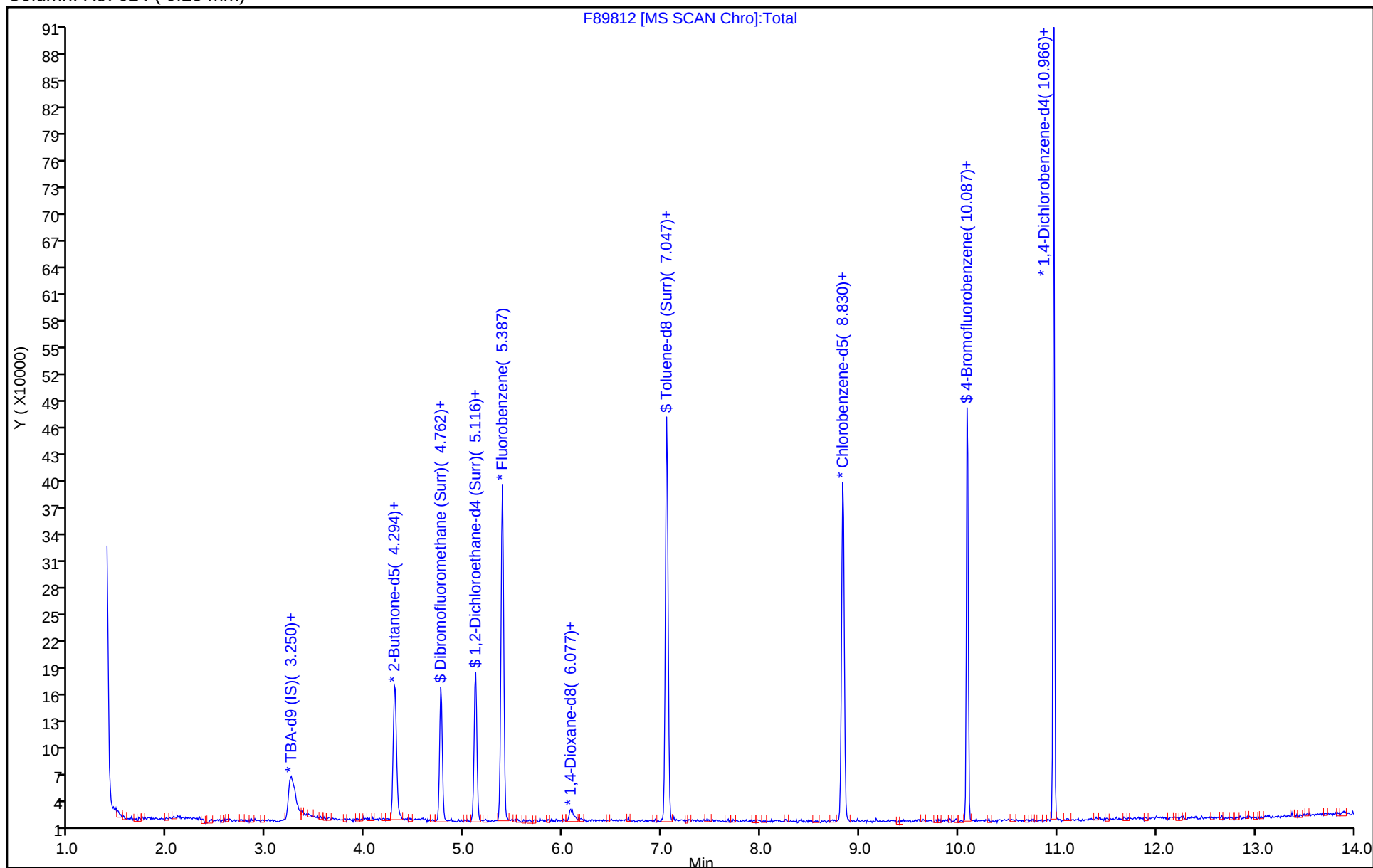
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89812.D

Injection Date: 14-Dec-2019 01:25:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-3

Lab Sample ID: 460-198386-3

Client ID: TB01-120219

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

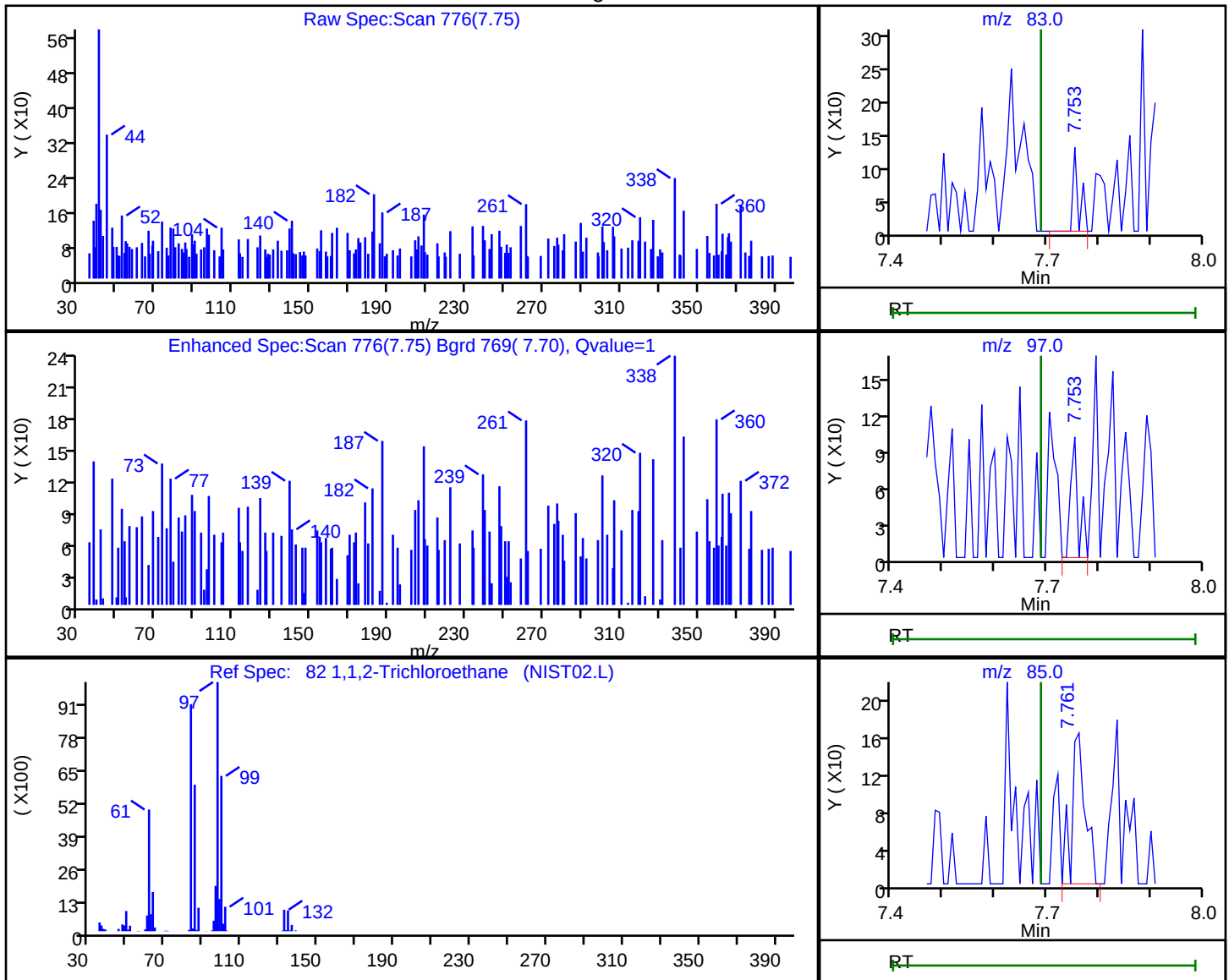
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.75	83.00	100	0.081309
7.75	97.00	105	
7.76	85.00	293	

Reviewer: yallabg, 14-Dec-2019 02:46:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Client Sample ID: FSMW14A-120319 Lab Sample ID: 460-198386-4

Matrix: Water Lab File ID: F89847.D

Analysis Method: 8260C Date Collected: 12/03/2019 11:10

Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 17:19

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.: 662307 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	0.43	J	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	3.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	260		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	8.2		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW14A-120319 Lab Sample ID: 460-198386-4
Matrix: Water Lab File ID: F89847.D
Analysis Method: 8260C Date Collected: 12/03/2019 11:10
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 17:19
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.: 662307 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	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89847.D
 Lims ID: 460-198386-B-4
 Client ID: FSMW14A-120319
 Sample Type: Client
 Inject. Date: 14-Dec-2019 17:19:30 ALS Bottle#: 20 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-4
 Misc. Info.: 460-0102782-018
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:16:49 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 18:03:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1-Dichloroethene	96	2.848	2.831	0.017	69	951	0.4346	
* 26 TBA-d9 (IS)	65	3.267	3.242	0.025	0	186771	1000.0	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	27	407	0.1910	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	247645	250.0	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	91	8404	3.62	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.762	0.009	96	94381	50.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	122777	49.9	
* 61 Fluorobenzene	96	5.395	5.387	0.008	98	357098	50.0	
63 Trichloroethene	95	5.740	5.732	0.008	95	16880	8.23	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	18815	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	98	331598	49.8	
83 Tetrachloroethene	166	7.737	7.729	0.008	96	525996	261.6	
* 89 Chlorobenzene-d5	117	8.838	8.830	0.008	89	252588	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	90	107520	47.6	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	98	153413	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89847.D

Injection Date: 14-Dec-2019 17:19:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-4

Lab Sample ID: 460-198386-4

Worklist Smp#: 18

Client ID: FSMW14A-120319

Purge Vol: 5.000 mL

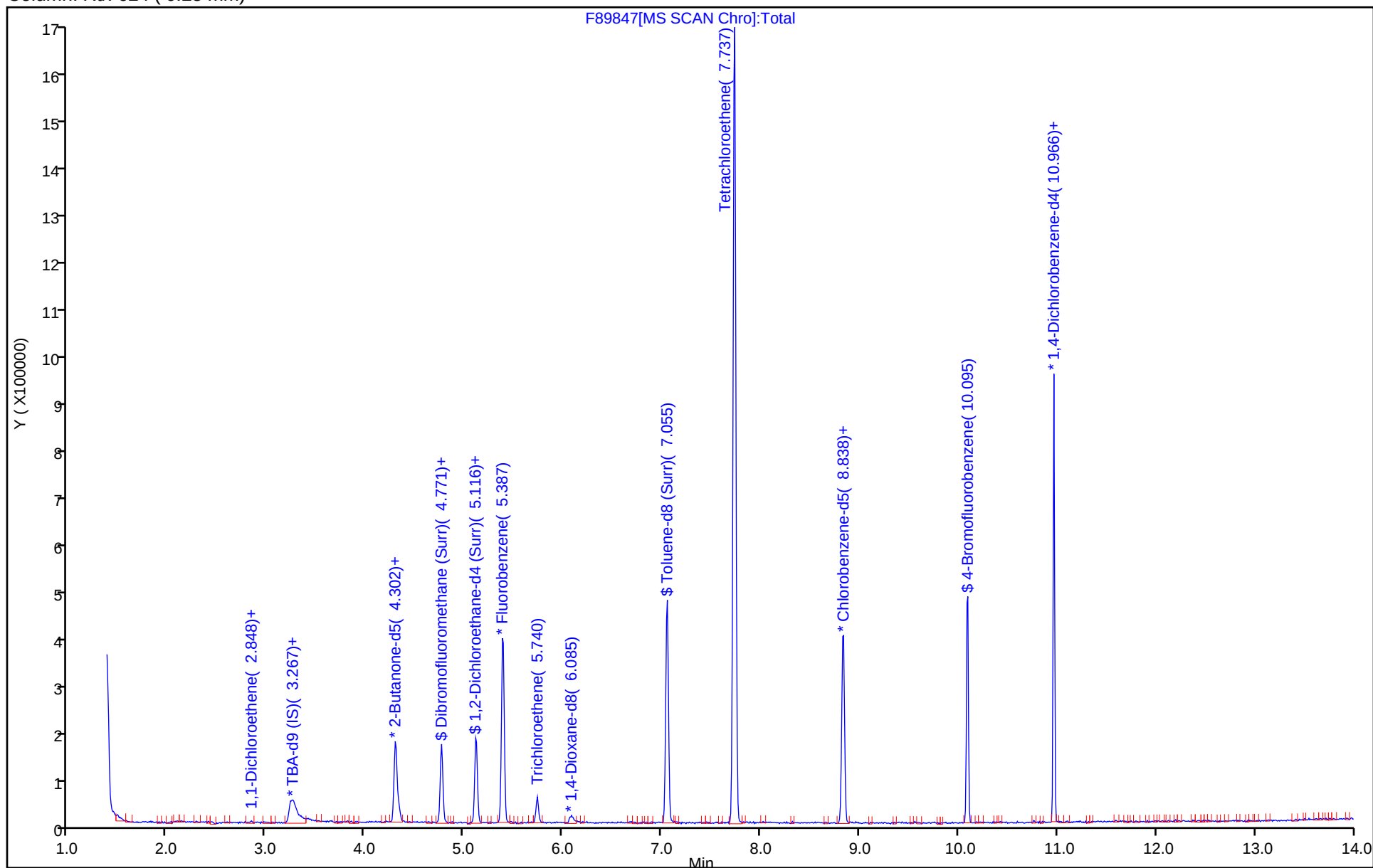
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89847.D

Injection Date: 14-Dec-2019 17:19:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-4

Lab Sample ID: 460-198386-4

Client ID: FSMW14A-120319

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

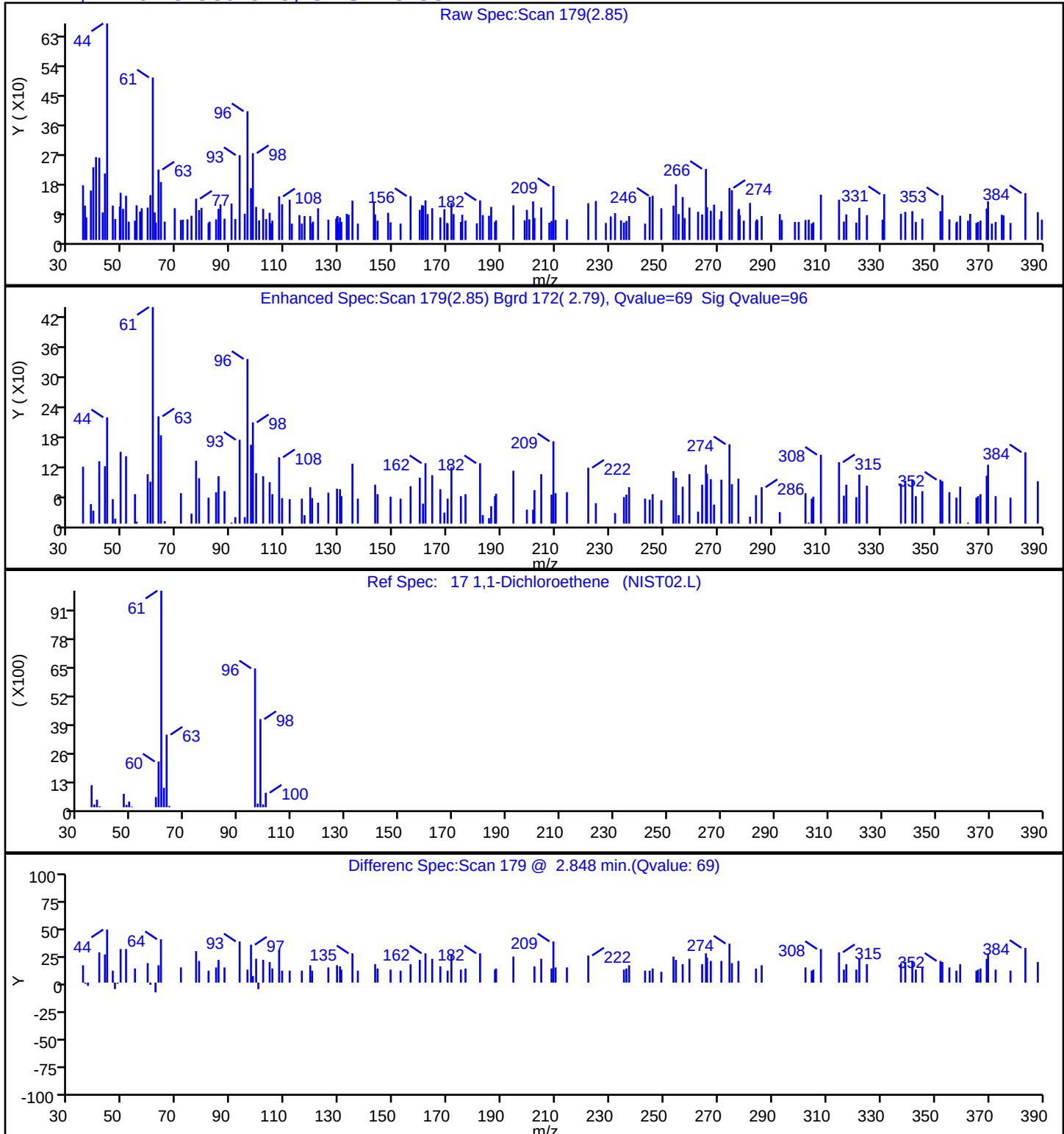
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89847.D

Injection Date: 14-Dec-2019 17:19:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-4

Lab Sample ID: 460-198386-4

Client ID: FSMW14A-120319

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

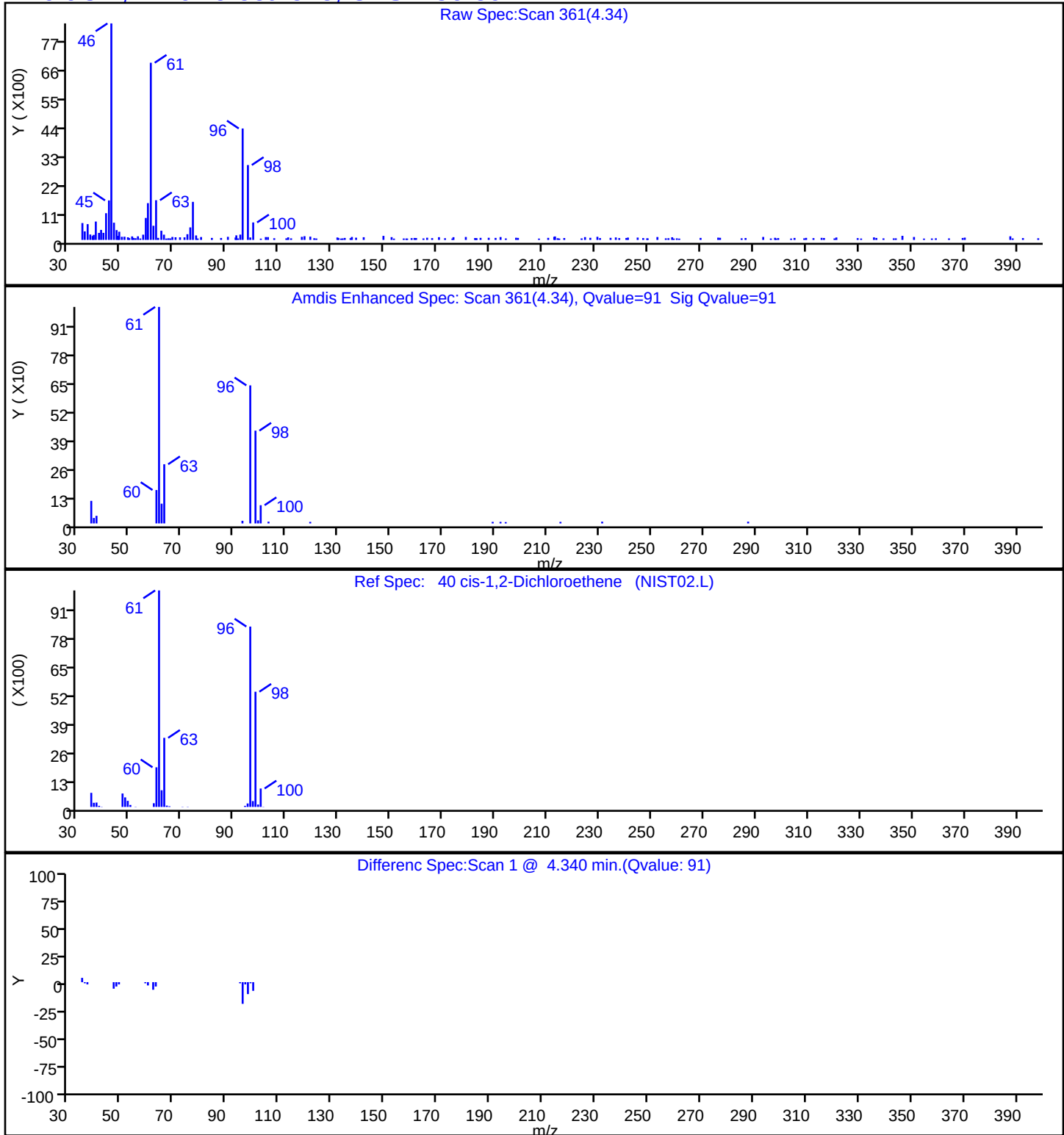
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89847.D

Injection Date: 14-Dec-2019 17:19:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-4

Lab Sample ID: 460-198386-4

Client ID: FSMW14A-120319

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

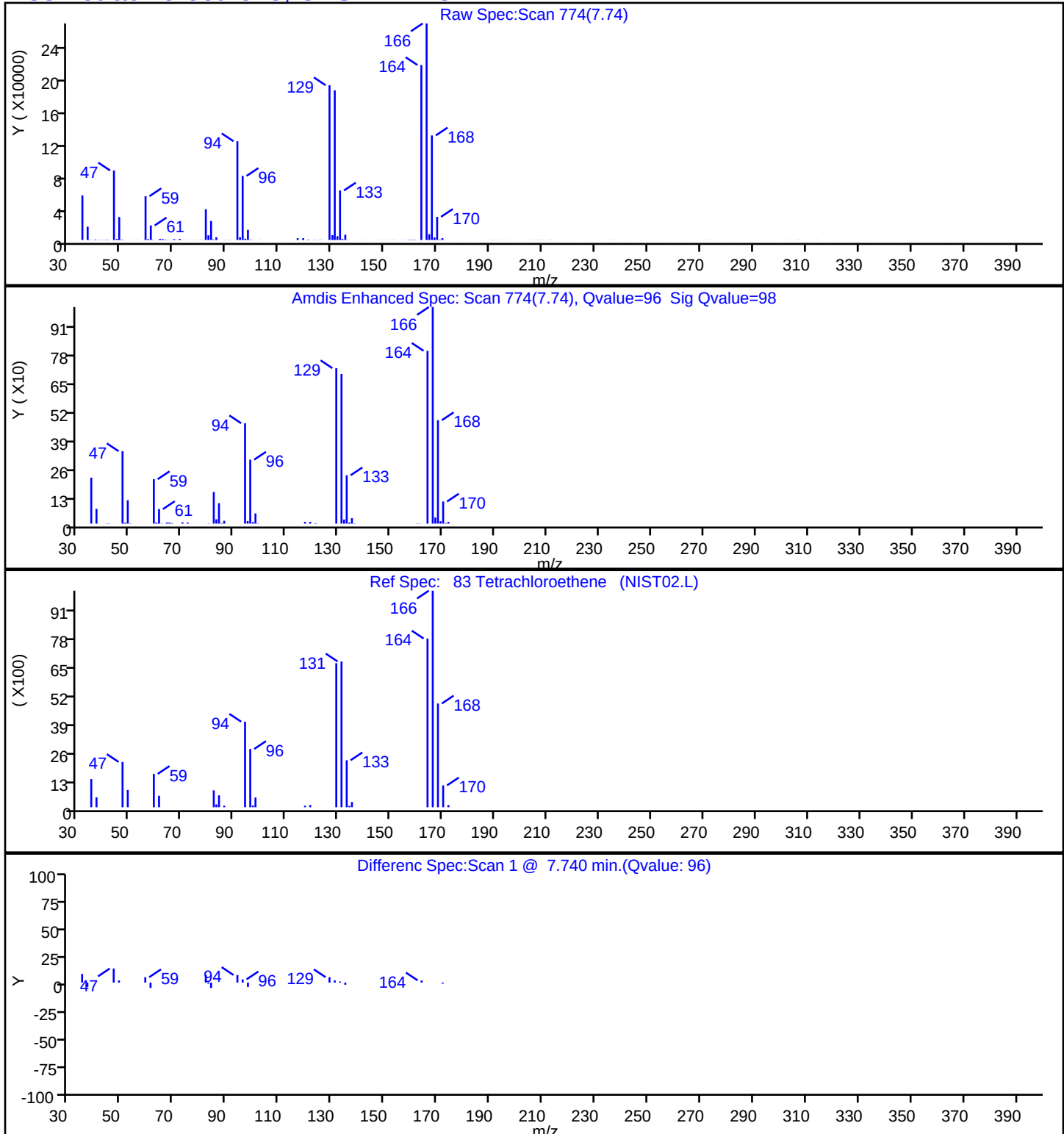
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89847.D

Injection Date: 14-Dec-2019 17:19:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-4

Lab Sample ID: 460-198386-4

Client ID: FSMW14A-120319

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

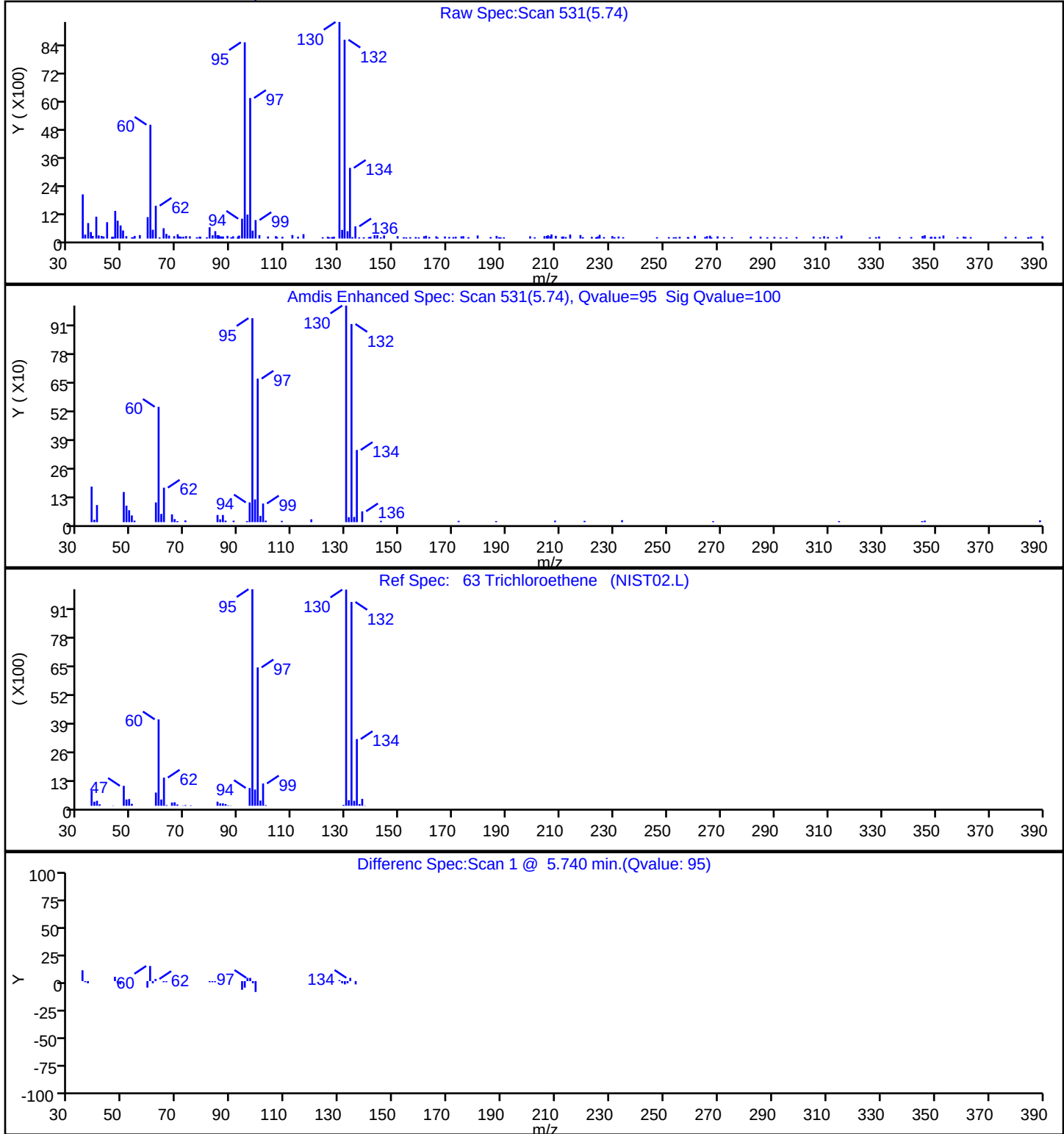
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89847.D

Injection Date: 14-Dec-2019 17:19:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-4

Lab Sample ID: 460-198386-4

Client ID: FSMW14A-120319

Operator ID:

ALS Bottle#:

20

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

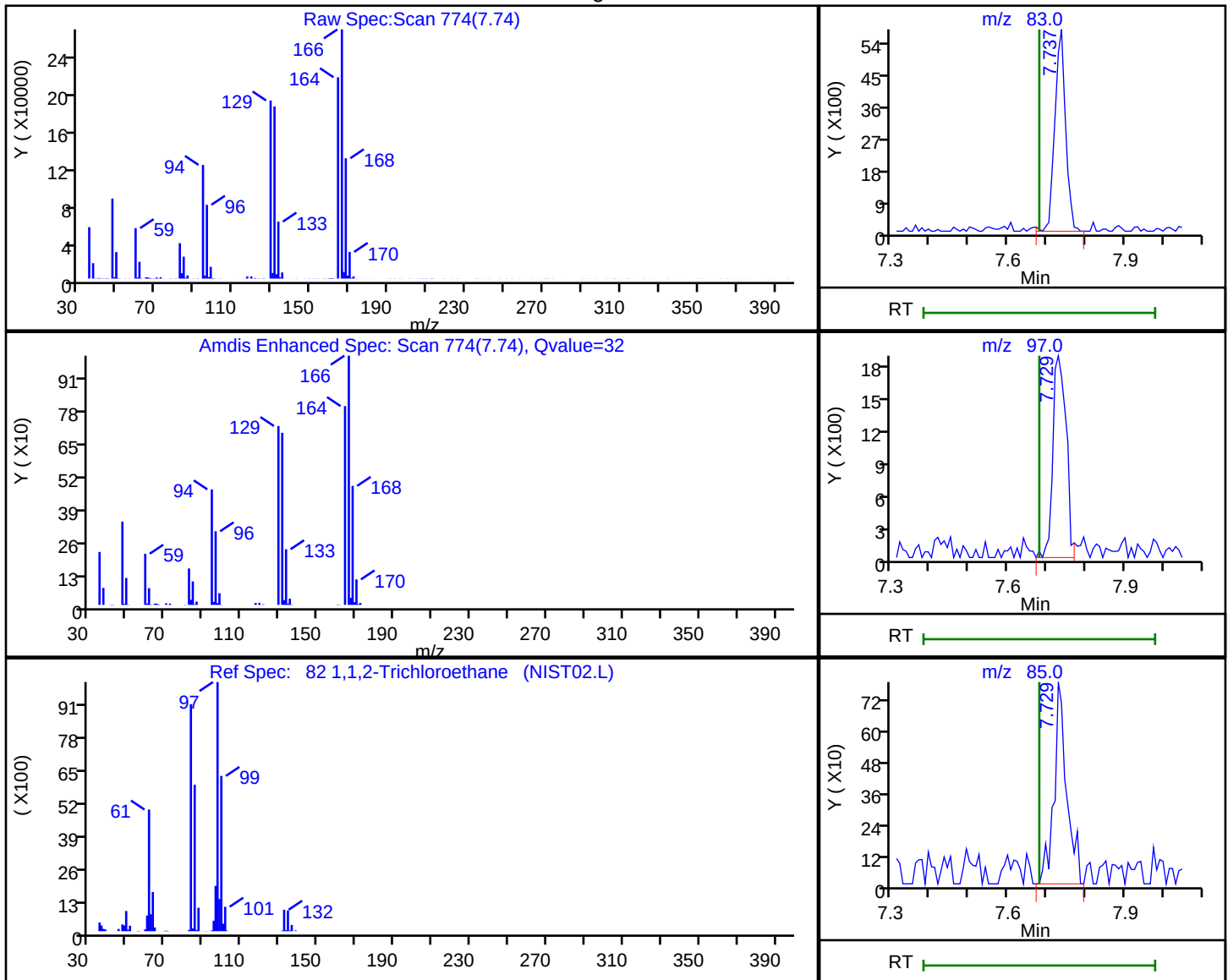
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.74	83.00	11232	8.479602
7.73	97.00	4309	
7.73	85.00	1772	

Reviewer: boykink, 14-Dec-2019 18:02:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: FSMW14B-120319 Lab Sample ID: 460-198386-5
 Matrix: Water Lab File ID: F89856.D
 Analysis Method: 8260C Date Collected: 12/03/2019 12:45
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 20:58
 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.: 662307 Units: ug/L

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 F1	5.0	2.2
75-34-3	1,1-Dichloroethane	1.3	U	5.0	1.3
75-35-4	1,1-Dichloroethene	1.3	U	5.0	1.3
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	5.7	U	25	5.7
108-10-1	4-Methyl-2-pentanone (MIBK)	6.5	U	25	6.5
67-64-1	Acetone	52		25	22
71-43-2	Benzene	1.0	U	5.0	1.0
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	2.8	U	5.0	2.8
75-15-0	Carbon disulfide	4.1	U	5.0	4.1
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	2.0	U	5.0	2.0
156-59-2	cis-1,2-Dichloroethene	9.3		5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	1.1	U	5.0	1.1
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	1100		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	33		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW14B-120319 Lab Sample ID: 460-198386-5
Matrix: Water Lab File ID: F89856.D
Analysis Method: 8260C Date Collected: 12/03/2019 12:45
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 20:58
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.: 662307 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	94		77-124
1868-53-7	Dibromofluoromethane (Surr)	102		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89856.D
 Lims ID: 460-198386-B-5
 Client ID: FSMW14B-120319
 Sample Type: Client
 Inject. Date: 14-Dec-2019 20:58:30 ALS Bottle#: 29 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-198386-B-5
 Misc. Info.: 460-0102782-027
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:23:54 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: xuyvo

Date: 15-Dec-2019 12:23:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
14 1,2-Dichloro-1,1,2-trifluo	117	2.634	2.675	-0.041	1	193	NC	
18 Acetone	43	2.913	2.897	0.016	84	8120	10.4	M
* 26 TBA-d9 (IS)	65	3.259	3.242	0.016	0	170541	1000.0	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	237392	250.0	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	90	4121	1.87	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	96	90691	51.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	117503	50.2	
* 61 Fluorobenzene	96	5.395	5.387	0.008	98	339779	50.0	
63 Trichloroethene	95	5.740	5.732	0.008	95	12703	6.51	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	16456	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	98	312579	50.9	
83 Tetrachloroethene	166	7.737	7.729	0.008	97	391499	211.1	
* 89 Chlorobenzene-d5	117	8.838	8.830	0.008	89	232961	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	89	98253	47.2	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	141253	50.0	
S 130 1,2-Dichloroethene, Total	100				0		1.87	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89856.D

Injection Date: 14-Dec-2019 20:58:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-5

Lab Sample ID: 460-198386-5

Worklist Smp#: 27

Client ID: FSMW14B-120319

Purge Vol: 5.000 mL

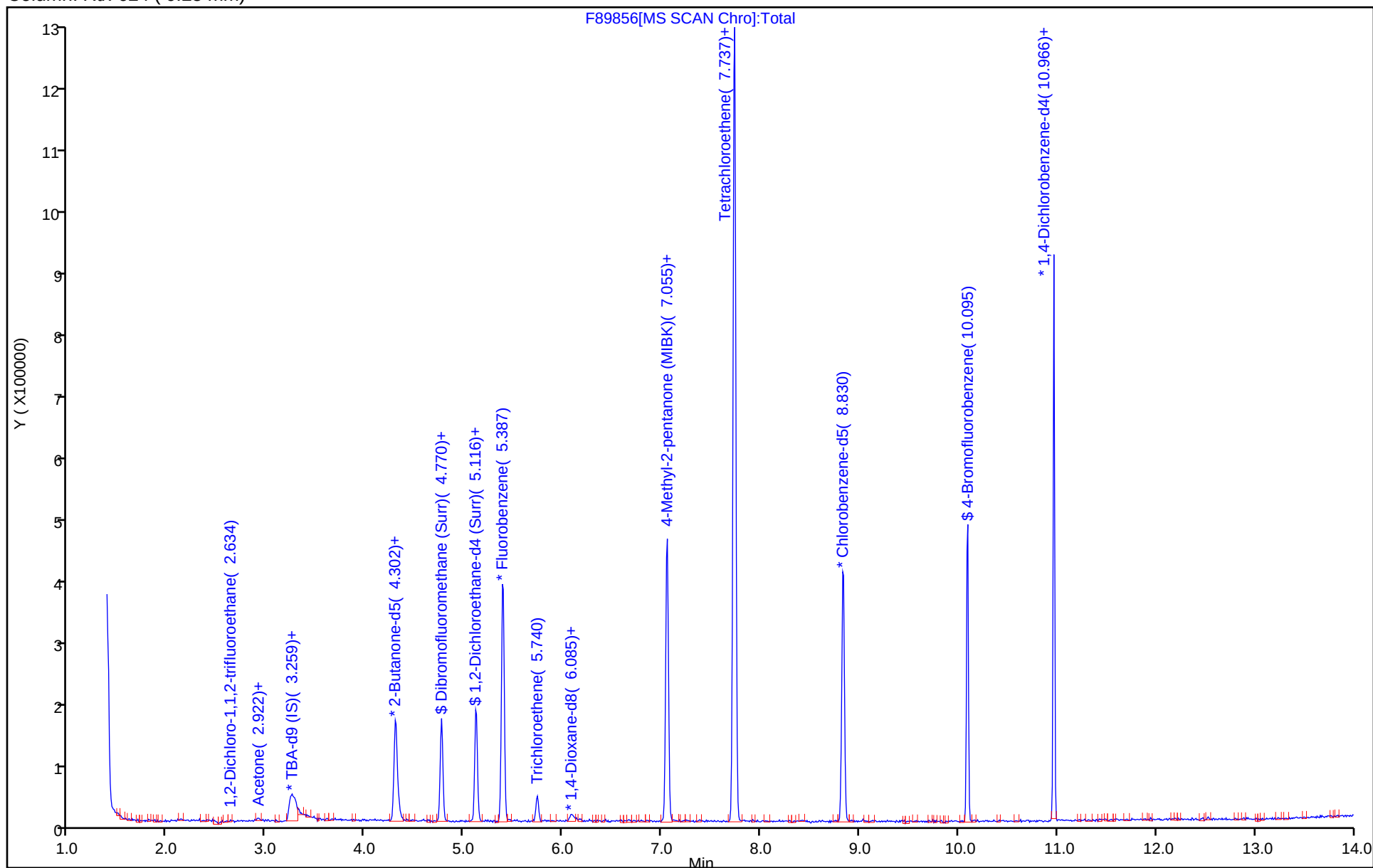
Dil. Factor: 5.0000

ALS Bottle#: 29

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89856.D

Injection Date: 14-Dec-2019 20:58:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-5

Lab Sample ID: 460-198386-5

Client ID: FSMW14B-120319

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260624W6

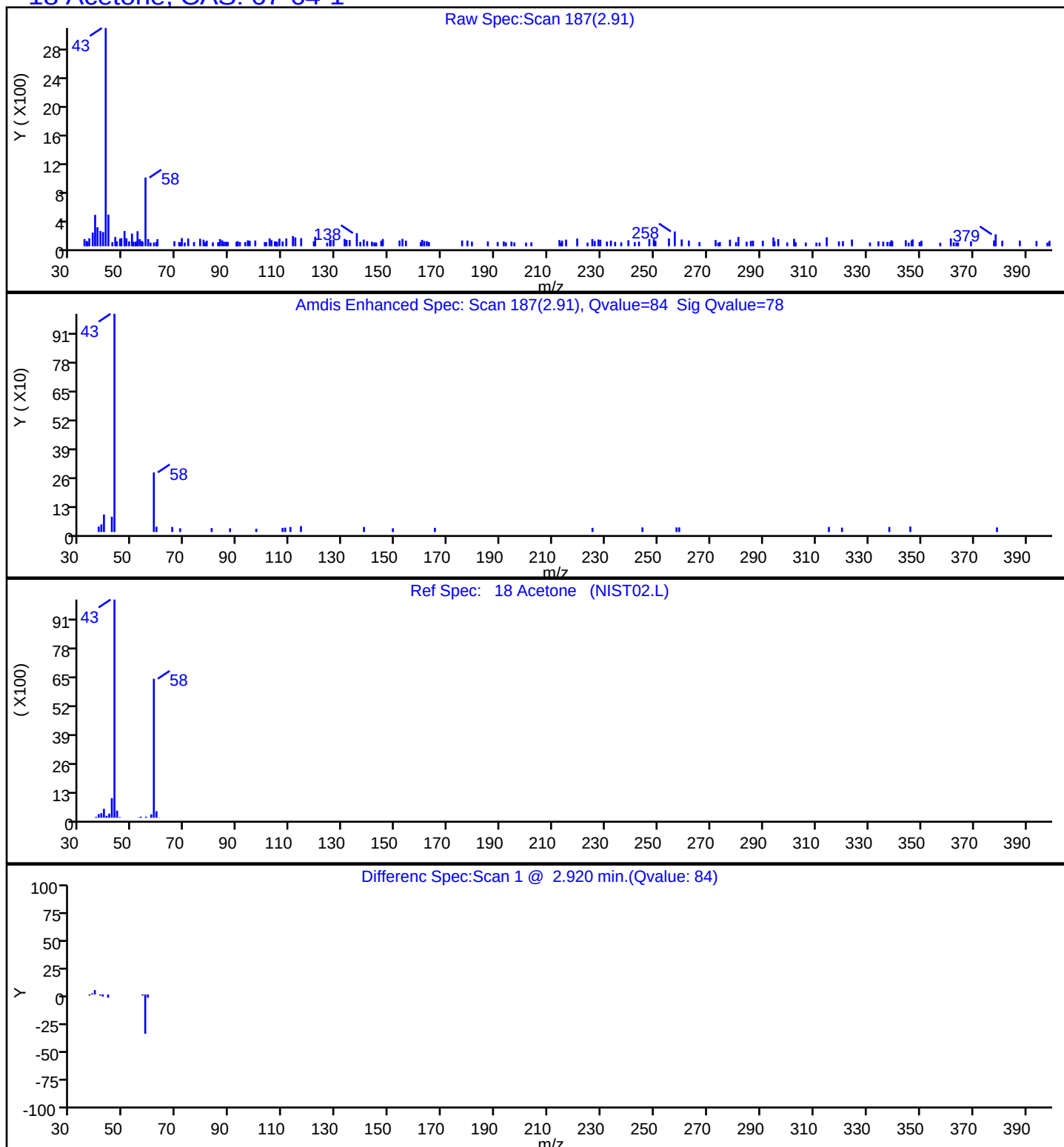
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

18 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89856.D

Injection Date: 14-Dec-2019 20:58:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-5

Lab Sample ID: 460-198386-5

Client ID: FSMW14B-120319

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260624W6

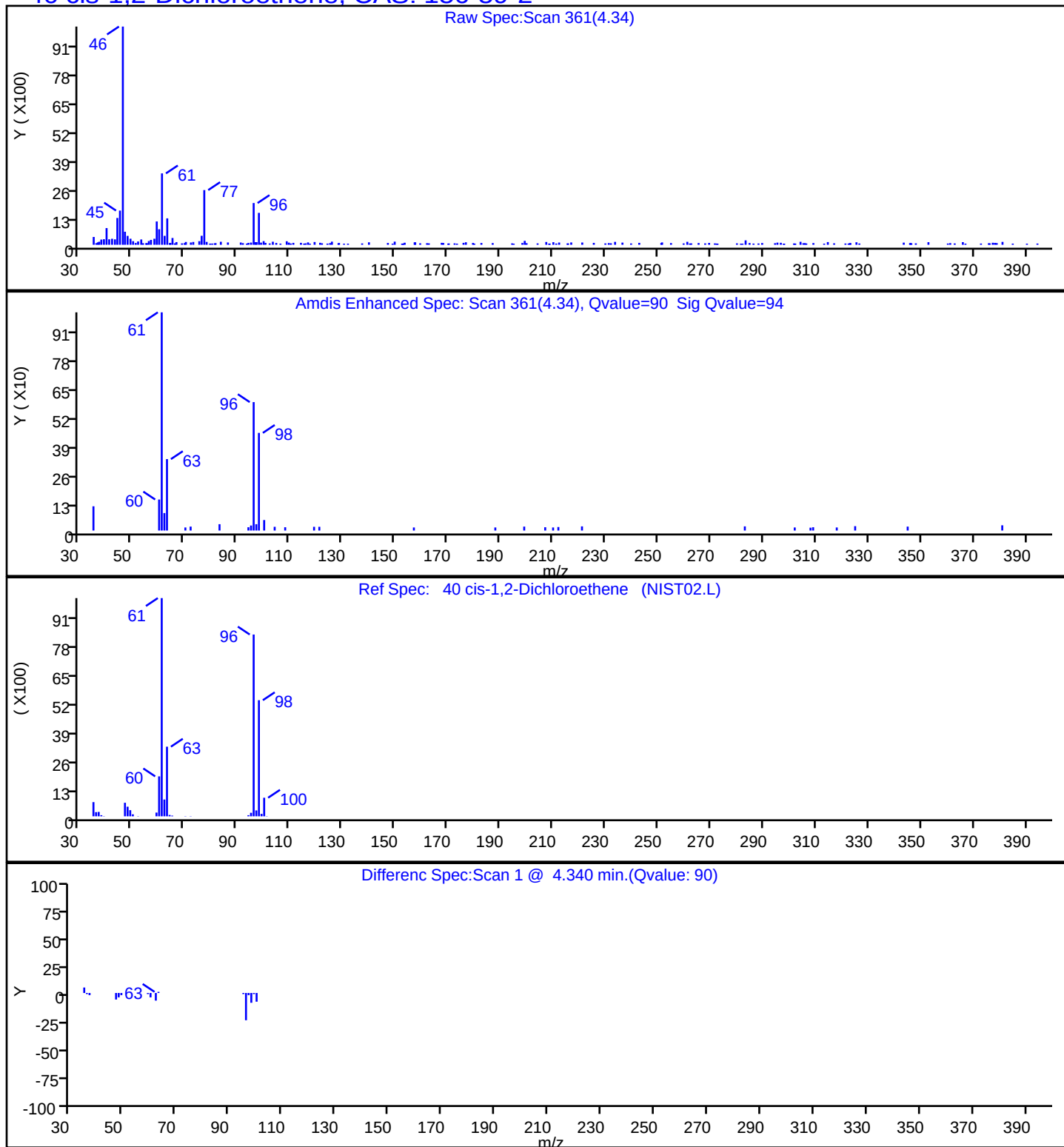
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89856.D

Injection Date: 14-Dec-2019 20:58:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-5

Lab Sample ID: 460-198386-5

Client ID: FSMW14B-120319

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260624W6

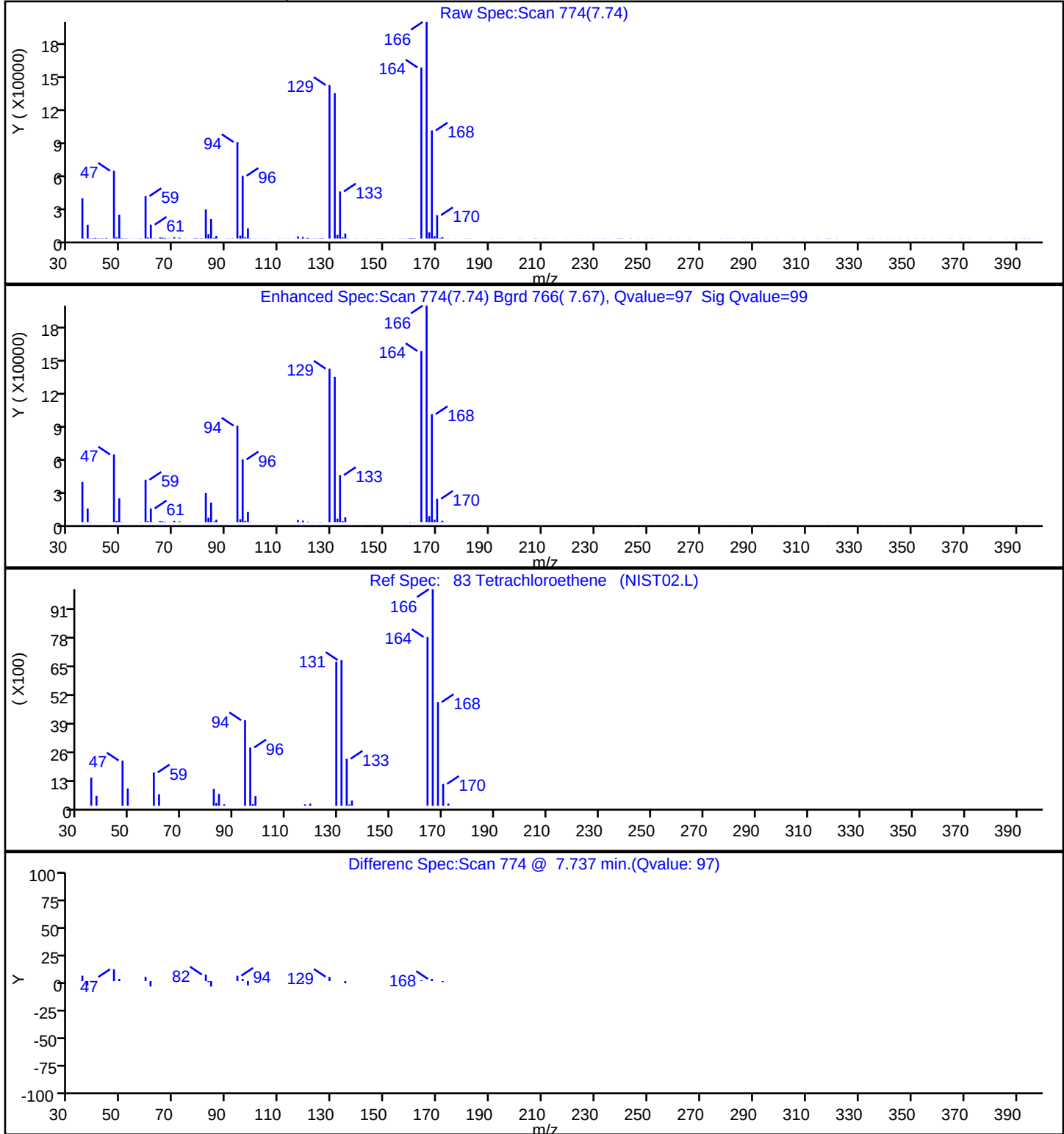
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89856.D

Injection Date: 14-Dec-2019 20:58:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-5

Lab Sample ID: 460-198386-5

Client ID: FSMW14B-120319

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260624W6

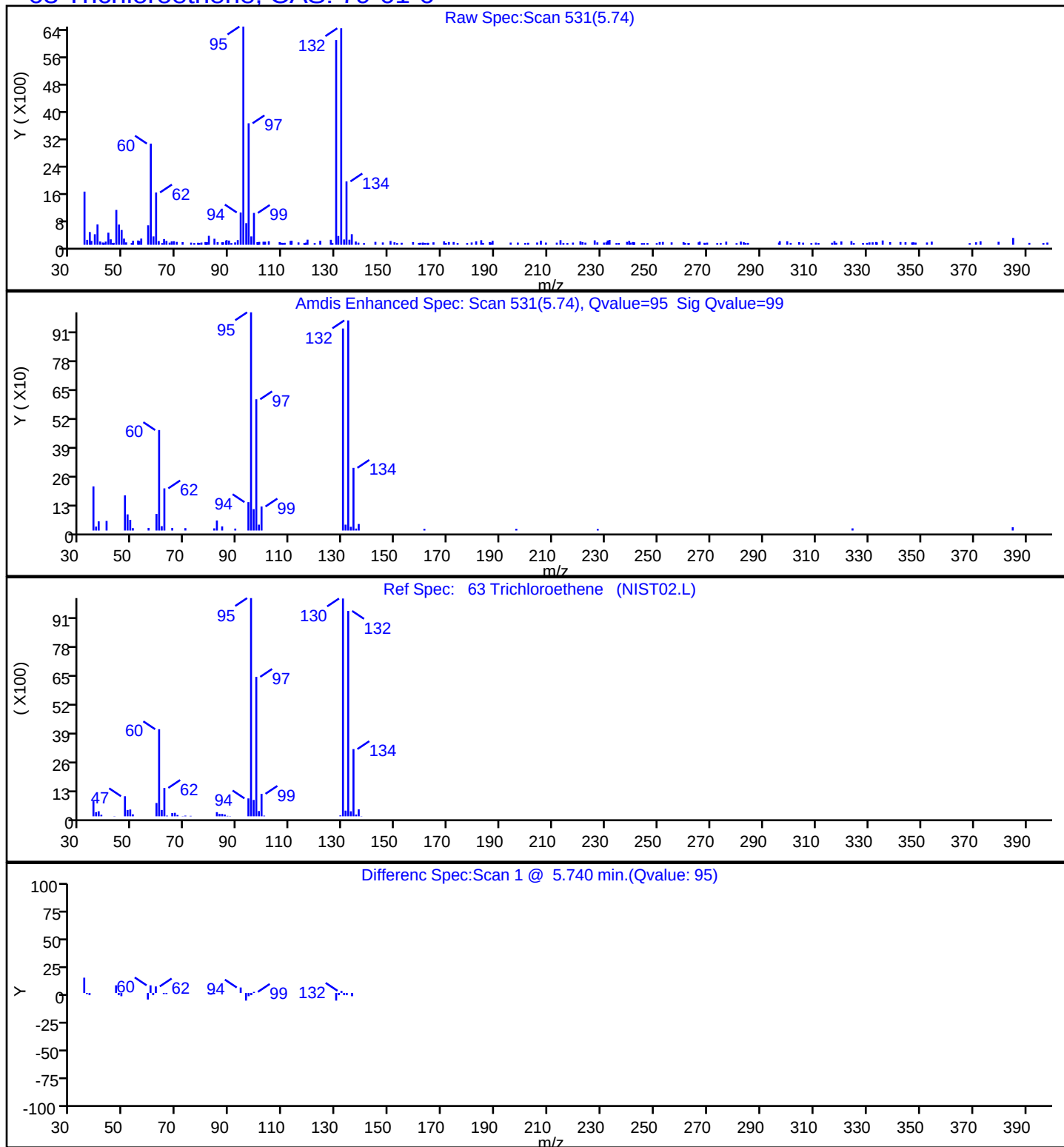
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89856.D

Injection Date: 14-Dec-2019 20:58:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-5

Lab Sample ID: 460-198386-5

Client ID: FSMW14B-120319

Operator ID:

ALS Bottle#:

29

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

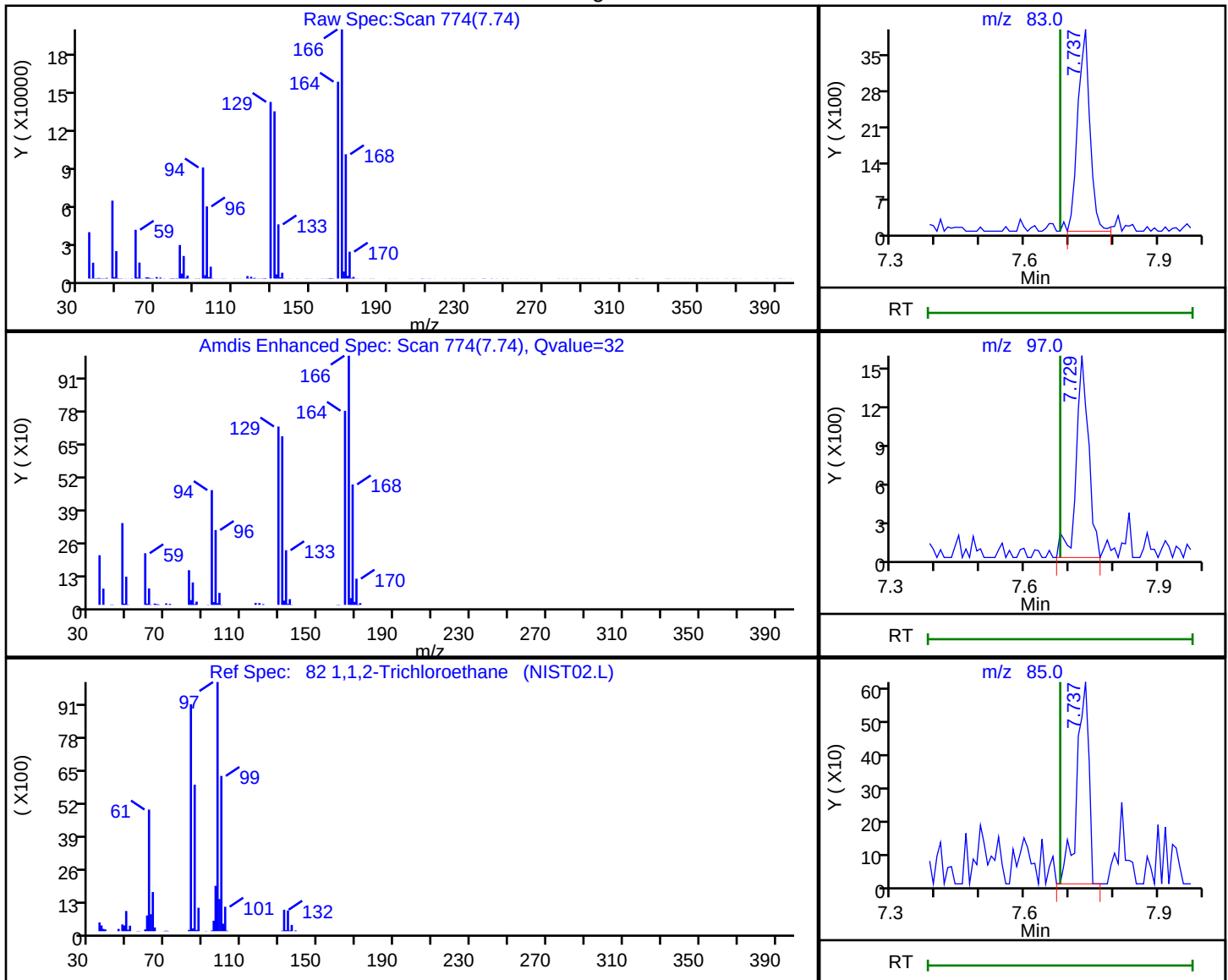
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.74	83.00	7538	6.170268
7.73	97.00	3007	
7.74	85.00	1151	

Reviewer: boykink, 14-Dec-2019 21:22:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89856.D

Injection Date: 14-Dec-2019 20:58:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-5

Lab Sample ID: 460-198386-5

Client ID: FSMW14B-120319

Operator ID:

ALS Bottle#:

29

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

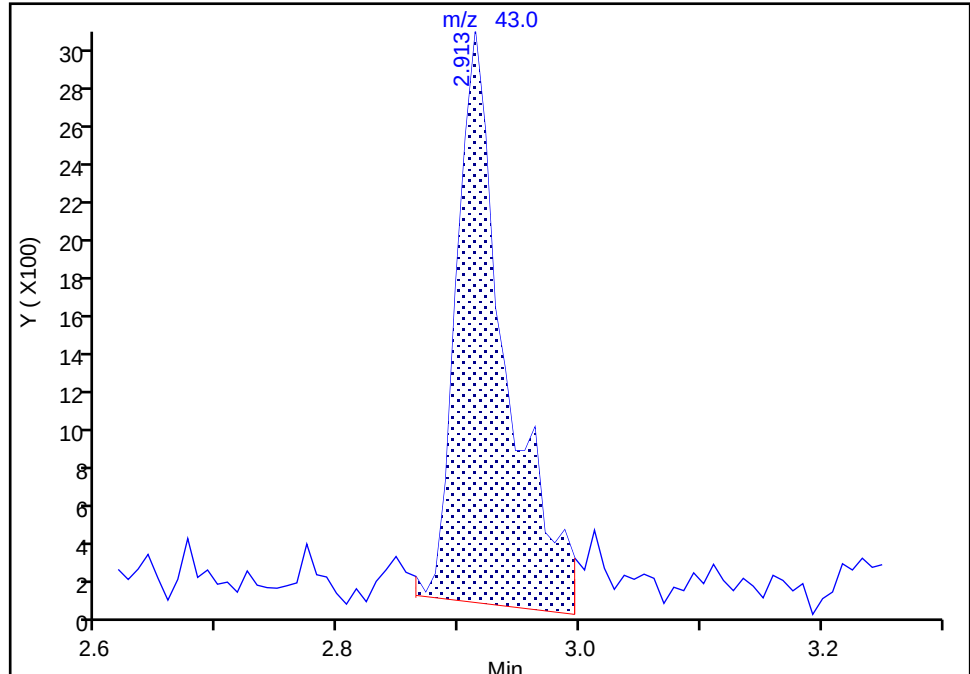
Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

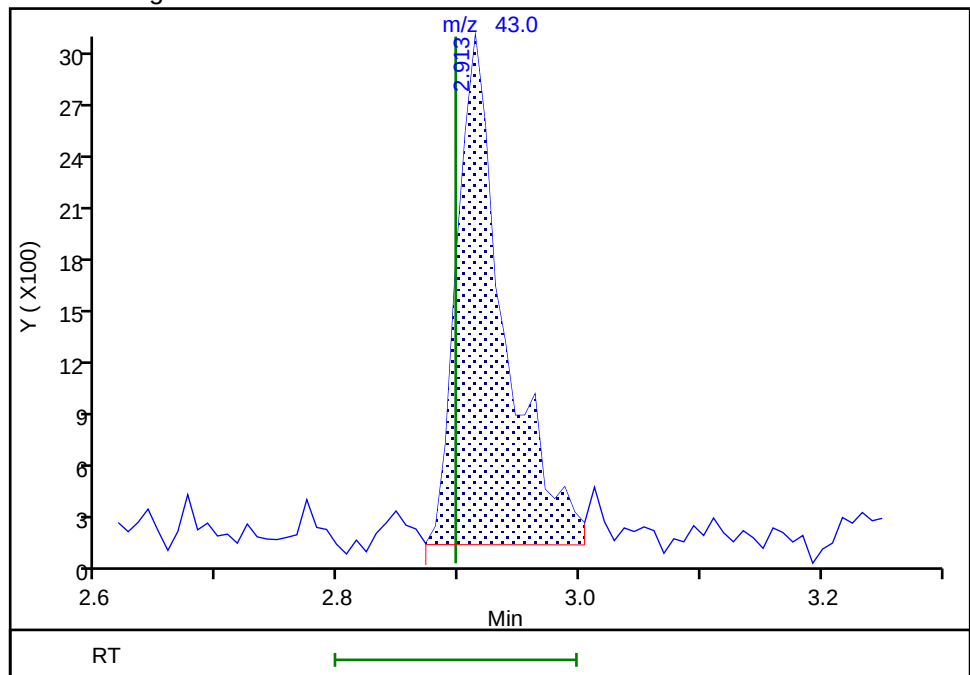
RT: 2.91
Area: 8589
Amount: 11.020816
Amount Units: ug/l

Processing Integration Results



RT: 2.91
Area: 8120
Amount: 10.419027
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 15-Dec-2019 12:23:24

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: FSMW13A-120319 Lab Sample ID: 460-198386-6
 Matrix: Water Lab File ID: F89848.D
 Analysis Method: 8260C Date Collected: 12/03/2019 14:30
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 17:44
 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.: 662307 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	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.3		1.0	0.35
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	9.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	270		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.40	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	9.2		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW13A-120319 Lab Sample ID: 460-198386-6
Matrix: Water Lab File ID: F89848.D
Analysis Method: 8260C Date Collected: 12/03/2019 14:30
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 17:44
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.: 662307 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	98		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D
 Lims ID: 460-198386-B-6
 Client ID: FSMW13A-120319
 Sample Type: Client
 Inject. Date: 14-Dec-2019 17:44:30 ALS Bottle#: 21 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-6
 Misc. Info.: 460-0102782-019
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:19:55 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 18:10:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	184763	1000.0	
30 trans-1,2-Dichloroethene	96	3.439	3.431	0.008	64	845	0.4024	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	248859	250.0	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	93	21081	9.22	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	96	90389	49.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.107	0.008	0	119048	49.1	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	351938	50.0	
63 Trichloroethene	95	5.732	5.732	0.000	96	18574	9.18	
66 1,2-Dichloropropane	63	6.019	6.019	0.000	76	2708	1.33	M
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	17916	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.047	-0.001	99	328211	51.1	
83 Tetrachloroethene	166	7.737	7.729	0.008	97	516193	266.3	
* 89 Chlorobenzene-d5	117	8.829	8.830	-0.001	89	243569	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	89	104166	47.8	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	98	148886	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Worklist Smp#: 19

Client ID: FSMW13A-120319

Purge Vol: 5.000 mL

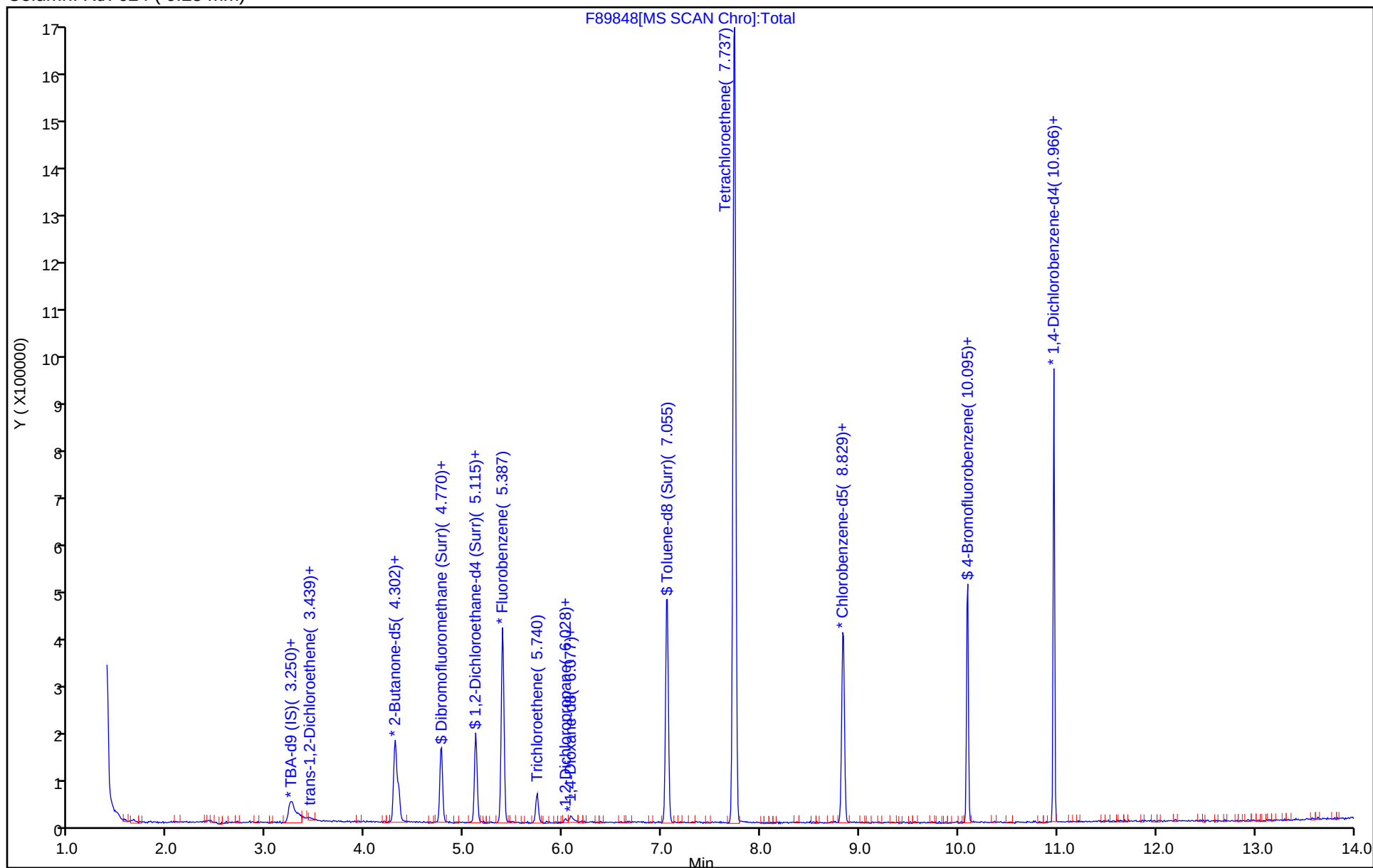
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Client ID: FSMW13A-120319

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

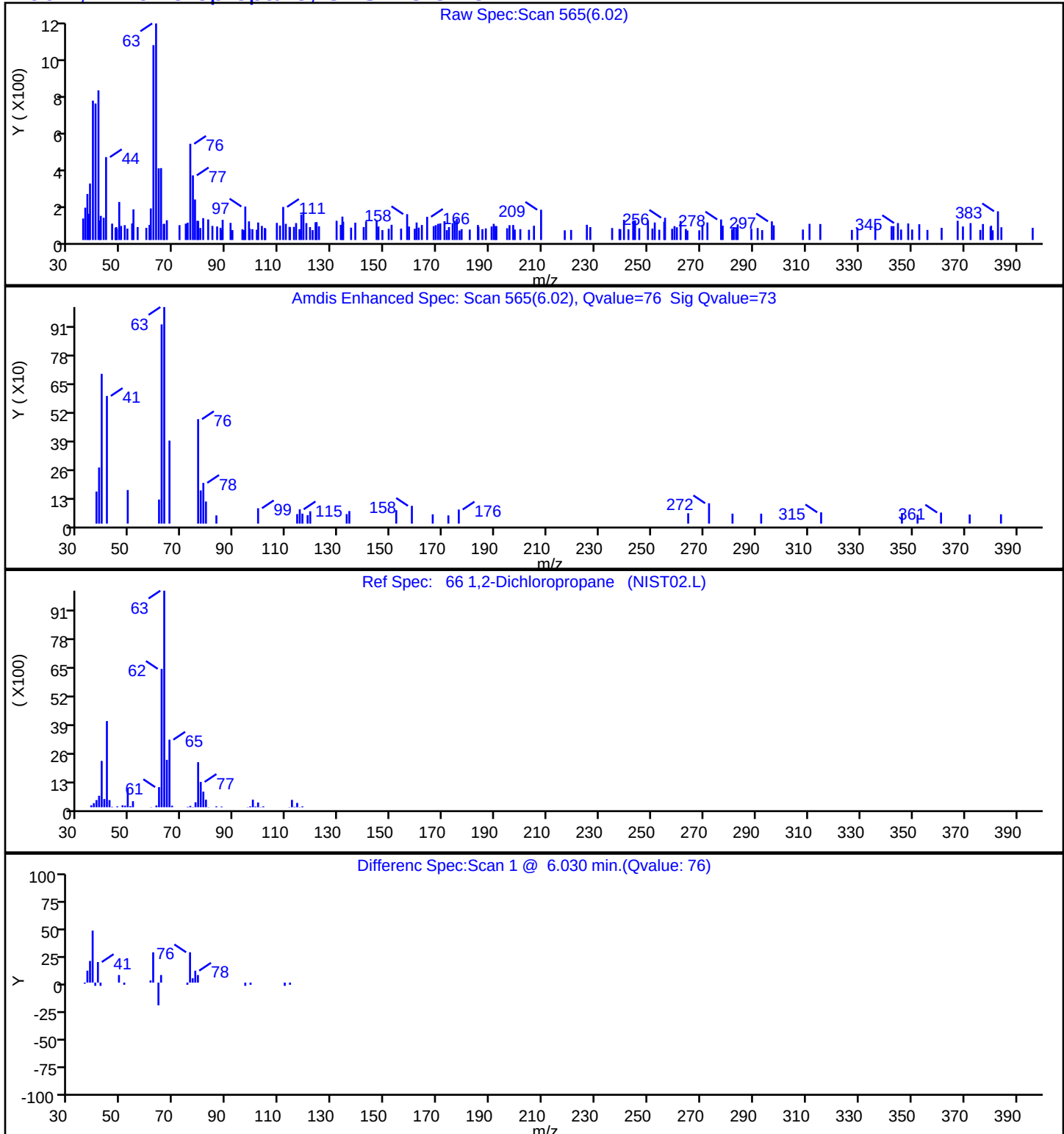
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Client ID: FSMW13A-120319

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

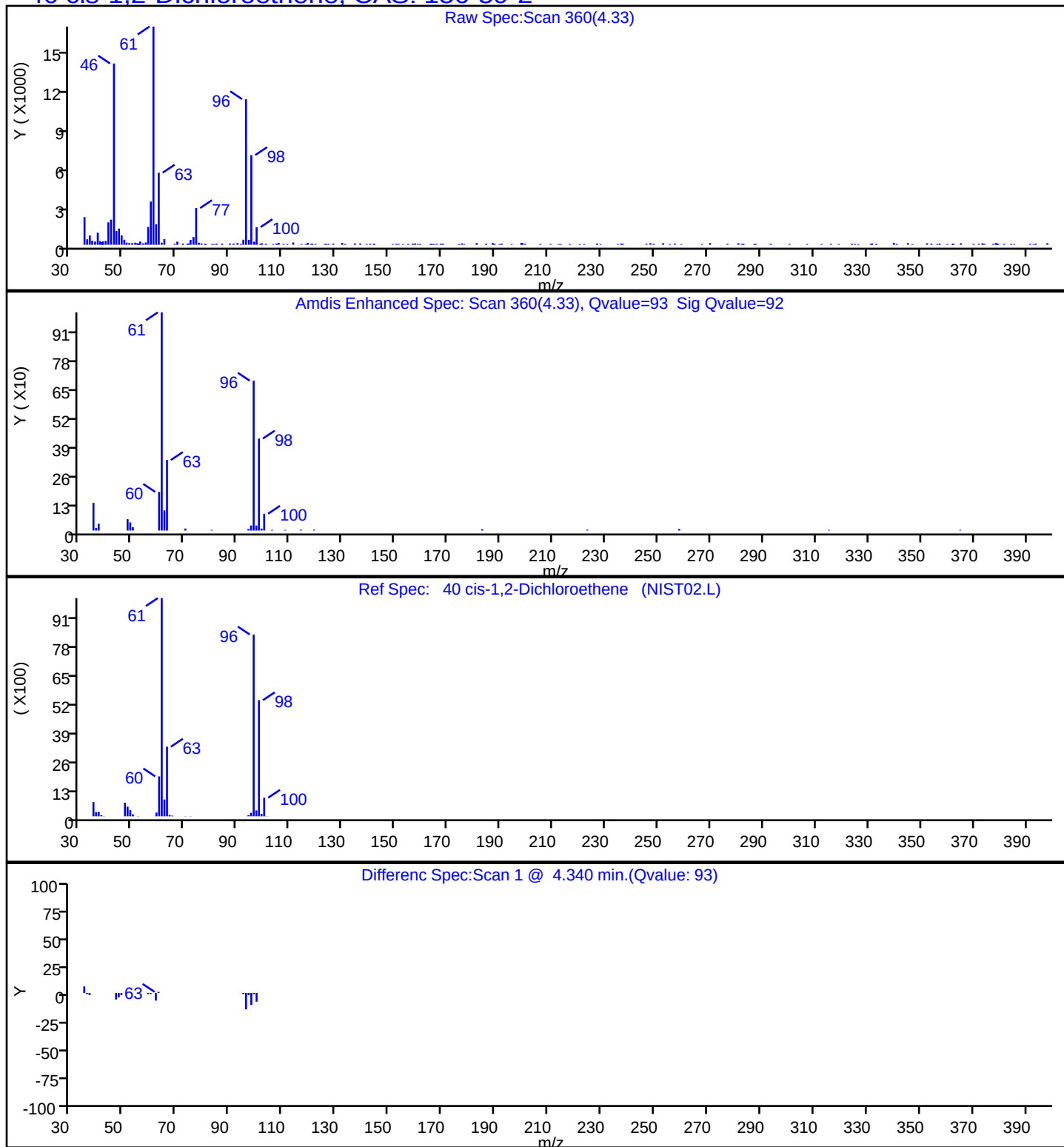
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Client ID: FSMW13A-120319

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

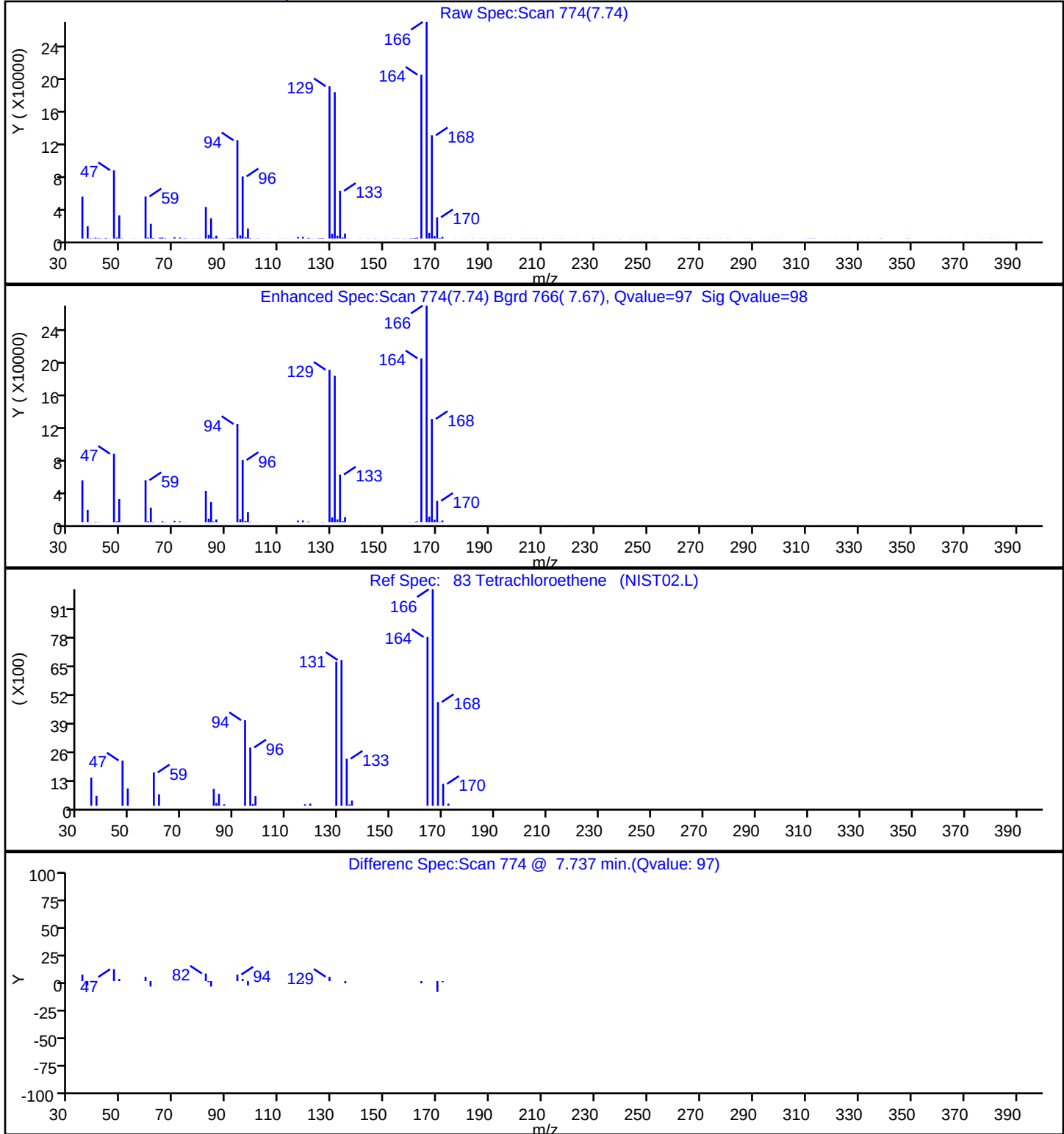
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Client ID: FSMW13A-120319

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

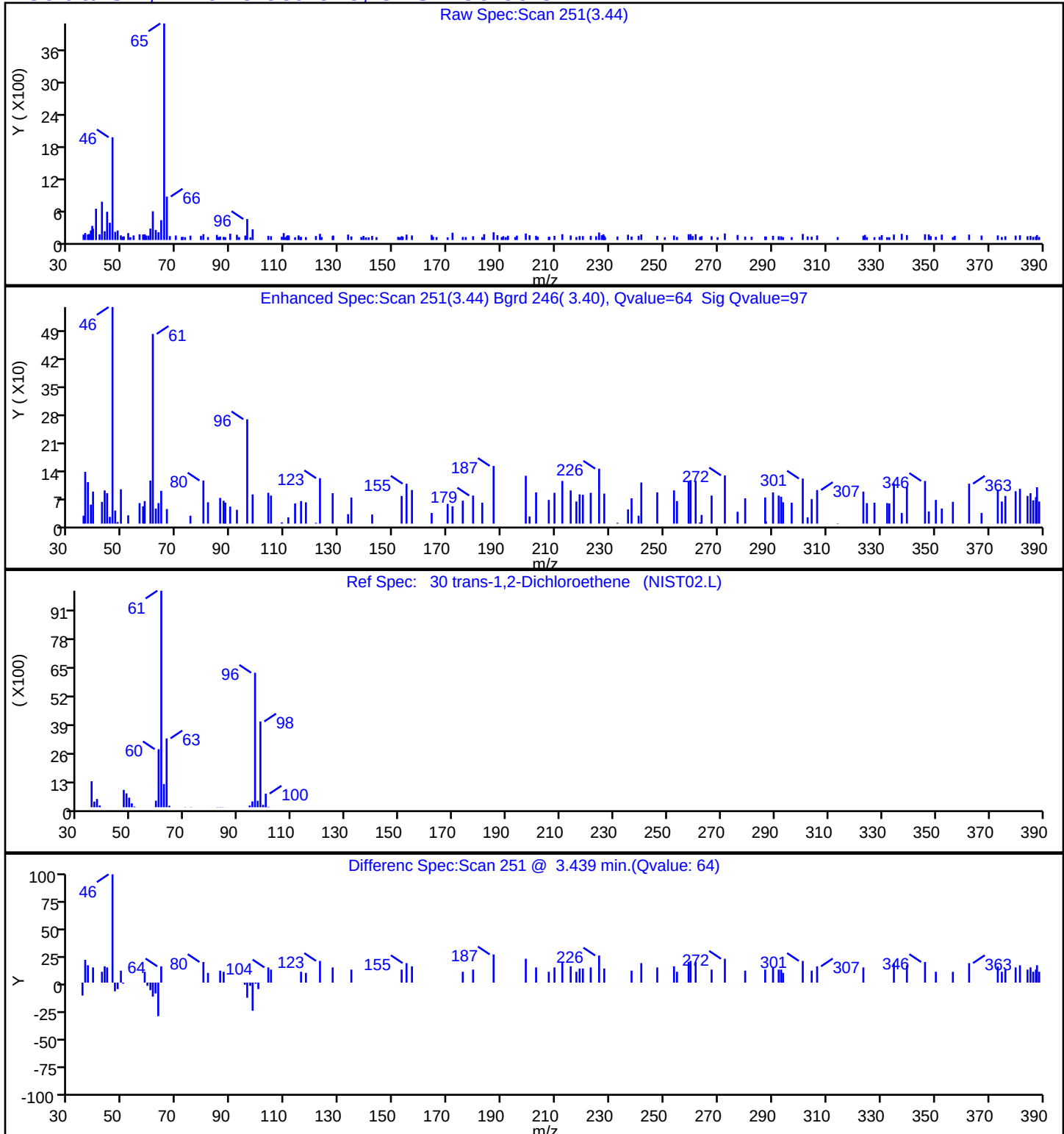
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Client ID: FSMW13A-120319

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

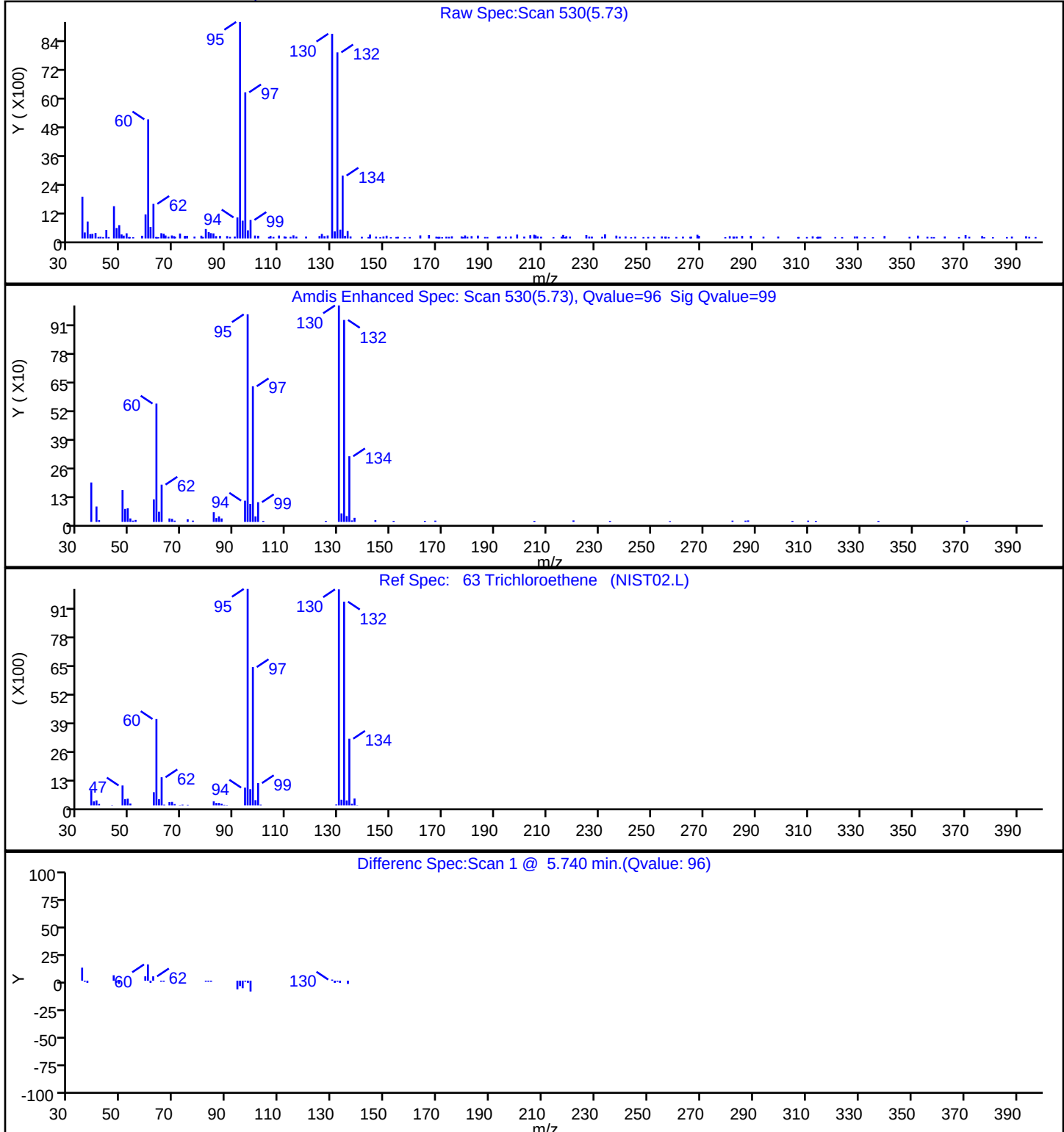
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Client ID: FSMW13A-120319

Operator ID:

ALS Bottle#:

21

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

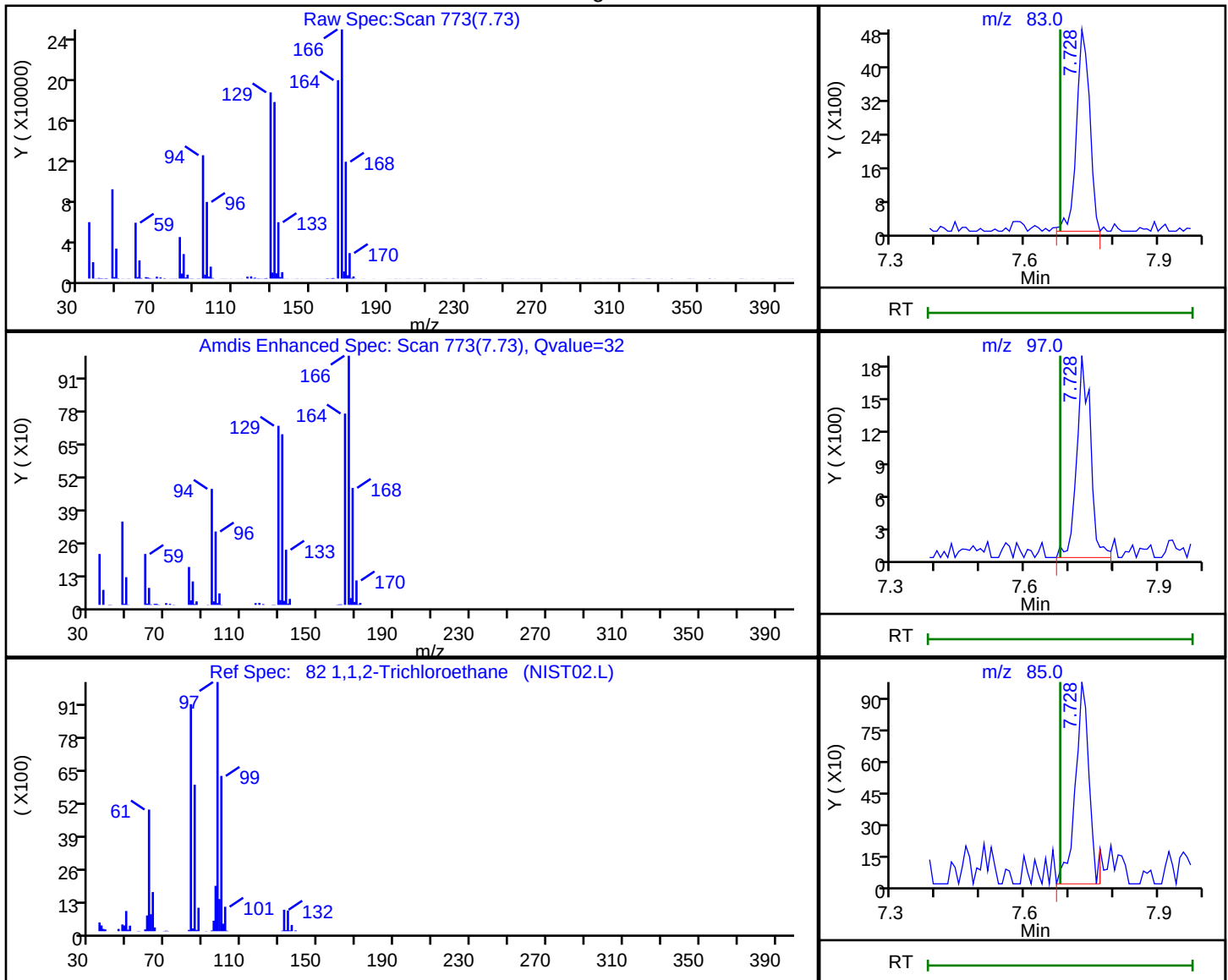
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.73	83.00	10008	7.835314
7.73	97.00	4096	
7.73	85.00	2113	

Reviewer: boykink, 14-Dec-2019 18:07:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Client ID: FSMW13A-120319

Operator ID:

ALS Bottle#:

21

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

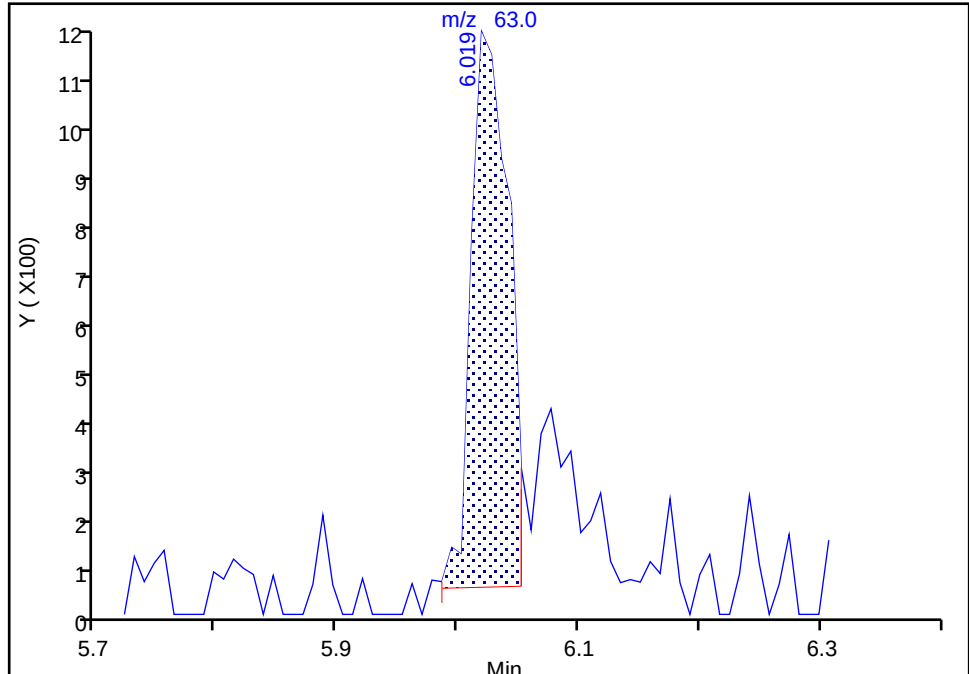
Detector: MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

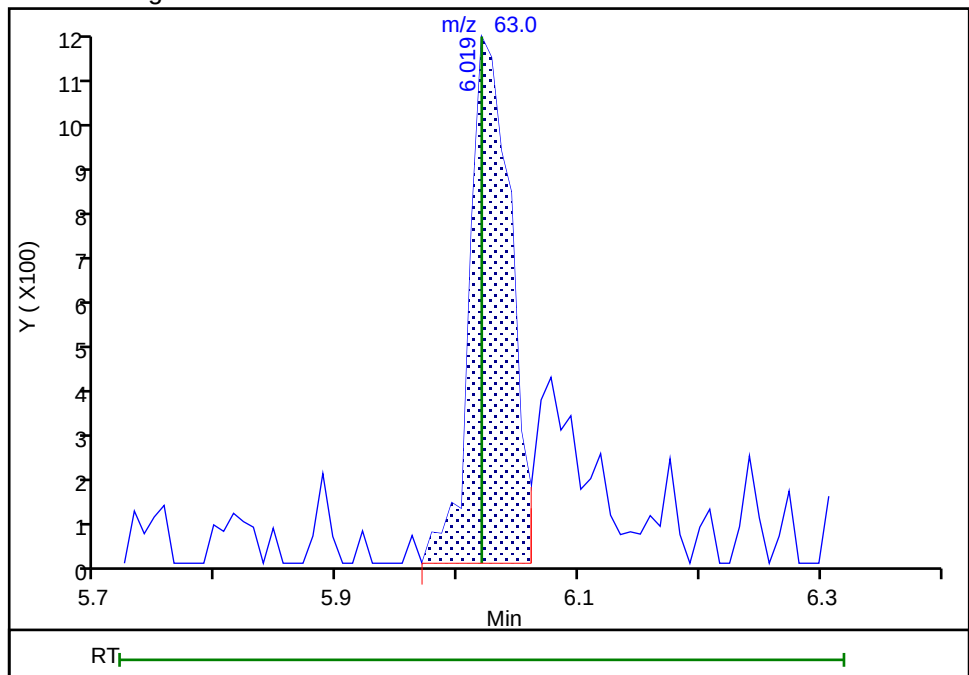
RT: 6.02
Area: 2359
Amount: 1.156602
Amount Units: ug/l

Processing Integration Results



RT: 6.02
Area: 2708
Amount: 1.327714
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 15-Dec-2019 12:19:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89848.D

Injection Date: 14-Dec-2019 17:44:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-6

Lab Sample ID: 460-198386-6

Client ID: FSMW13A-120319

Operator ID:

ALS Bottle#:

21

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

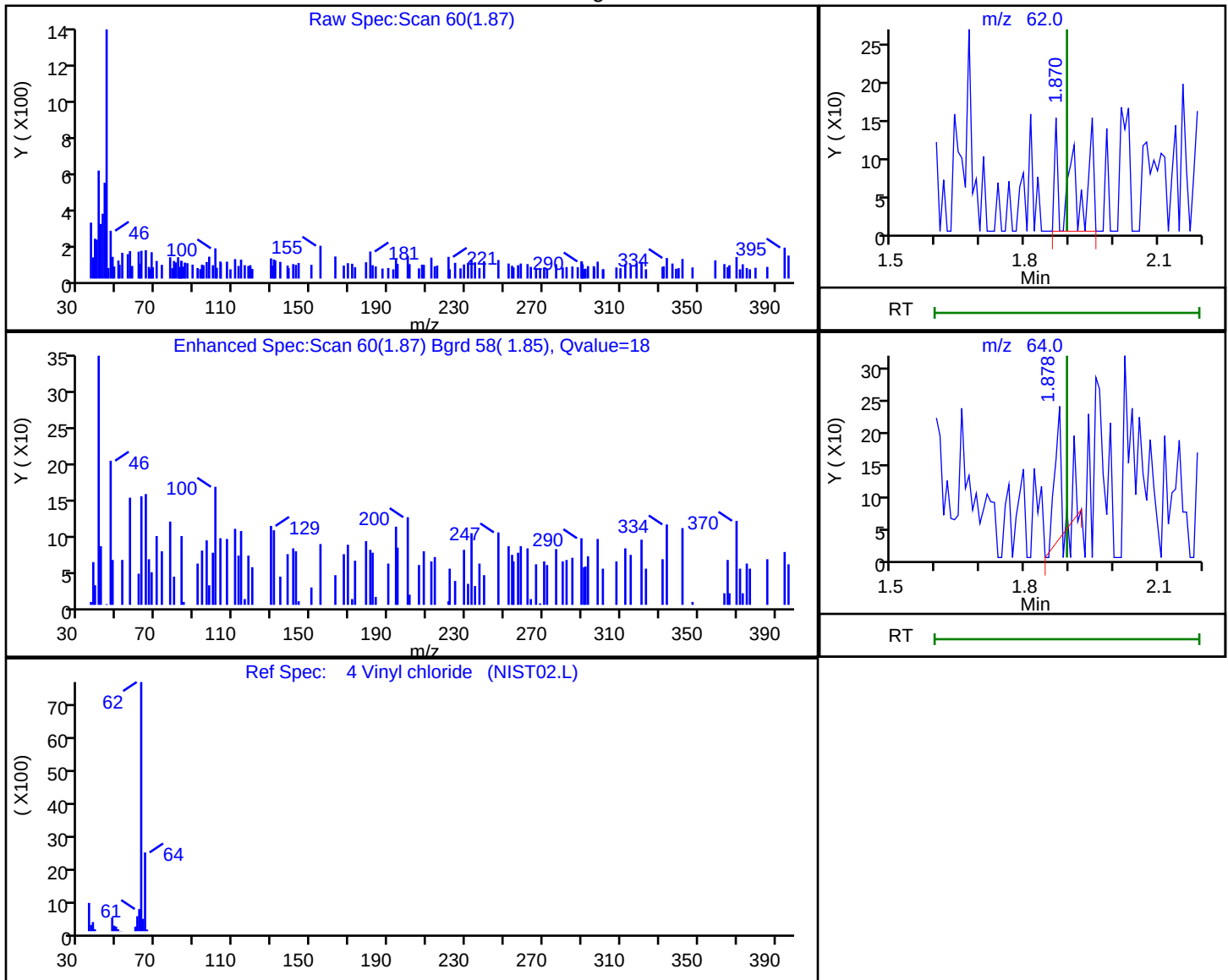
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.87	62.00	342	0.091111
1.88	64.00	231	

Reviewer: boykink, 14-Dec-2019 18:06:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: FSMW8A-120419 Lab Sample ID: 460-198386-7
 Matrix: Water Lab File ID: F89849.D
 Analysis Method: 8260C Date Collected: 12/04/2019 08:50
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 18:08
 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.: 662307 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	0.50	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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW8A-120419 Lab Sample ID: 460-198386-7
Matrix: Water Lab File ID: F89849.D
Analysis Method: 8260C Date Collected: 12/04/2019 08:50
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 18:08
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.: 662307 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	93		77-124
1868-53-7	Dibromofluoromethane (Surr)	103		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89849.D
 Lims ID: 460-198386-B-7
 Client ID: FSMW8A-120419
 Sample Type: Client
 Inject. Date: 14-Dec-2019 18:08:30 ALS Bottle#: 22 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-7
 Misc. Info.: 460-0102782-020
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:19:55 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 18:45:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.250	3.242	0.008	0	179768	1000.0	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	238353	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	95	90725	51.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.107	0.017	0	118875	51.0	
* 61 Fluorobenzene	96	5.395	5.387	0.008	98	337987	50.0	
63 Trichloroethene	95	5.732	5.732	0.000	65	967	0.4978	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	15569	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	98	317369	50.1	
83 Tetrachloroethene	166	7.737	7.729	0.008	95	11754	6.15	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	240305	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	89	100404	46.7	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	149226	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89849.D

Injection Date: 14-Dec-2019 18:08:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-7

Lab Sample ID: 460-198386-7

Worklist Smp#: 20

Client ID: FSMW8A-120419

Purge Vol: 5.000 mL

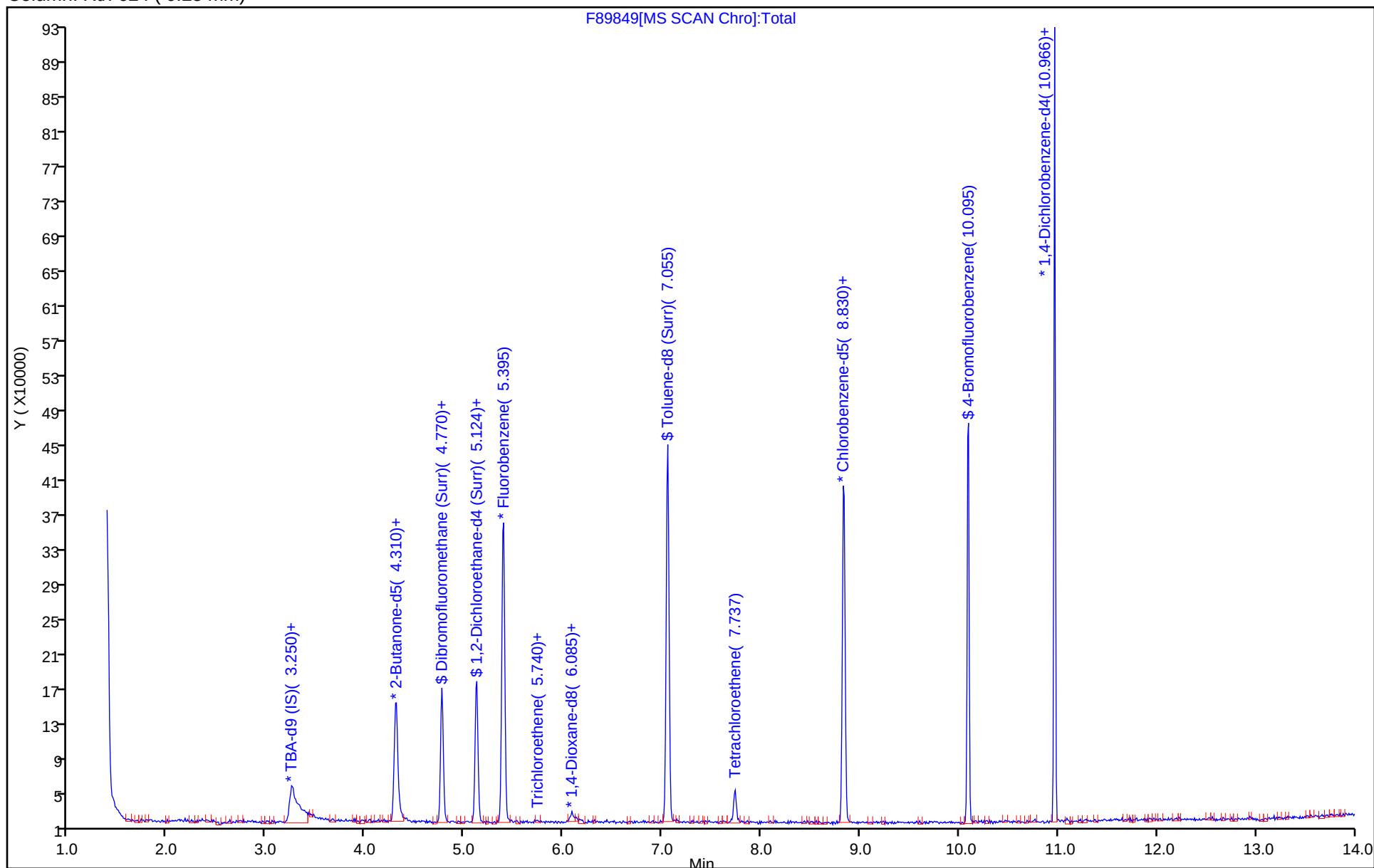
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89849.D

Injection Date: 14-Dec-2019 18:08:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-7

Lab Sample ID: 460-198386-7

Client ID: FSMW8A-120419

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

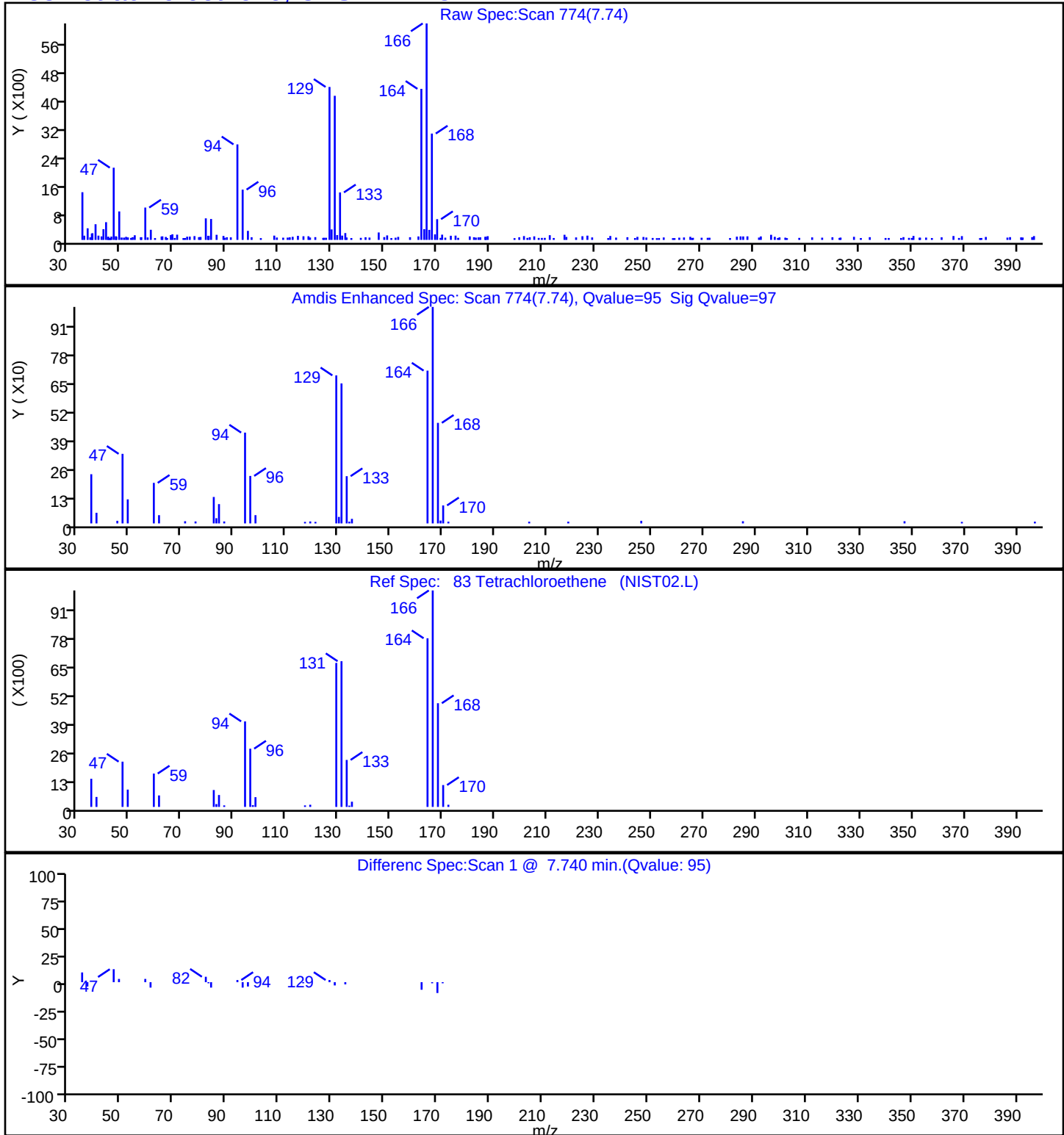
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89849.D

Injection Date: 14-Dec-2019 18:08:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-7

Lab Sample ID: 460-198386-7

Client ID: FSMW8A-120419

Operator ID:

ALS Bottle#:

Worklist Smp#: 20

Purge Vol: 5.000 mL

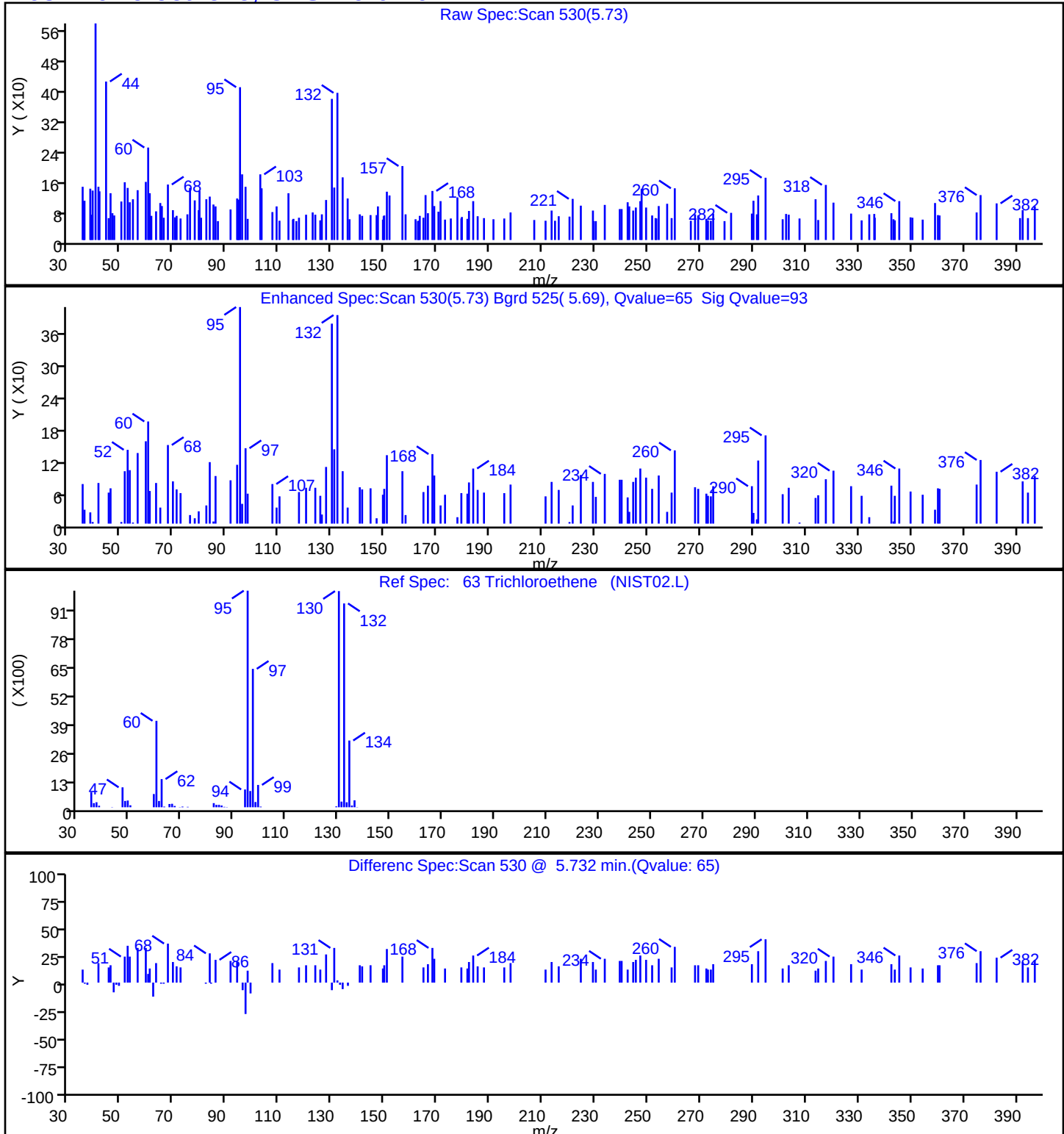
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: FSMW4A-120419 Lab Sample ID: 460-198386-8
 Matrix: Water Lab File ID: F89850.D
 Analysis Method: 8260C Date Collected: 12/04/2019 10:30
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 18:32
 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.: 662307 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	25		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	0.46	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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW4A-120419 Lab Sample ID: 460-198386-8
Matrix: Water Lab File ID: F89850.D
Analysis Method: 8260C Date Collected: 12/04/2019 10:30
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 18:32
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.: 662307 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	93		77-124
1868-53-7	Dibromofluoromethane (Surr)	102		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89850.D
 Lims ID: 460-198386-B-8
 Client ID: FSMW4A-120419
 Sample Type: Client
 Inject. Date: 14-Dec-2019 18:32:30 ALS Bottle#: 23 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-8
 Misc. Info.: 460-0102782-021
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:19:55 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 19:09:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	189297	1000.0	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	243345	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.762	0.009	96	89448	51.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	118880	51.3	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	336013	50.0	
63 Trichloroethene	95	5.740	5.732	0.008	42	893	0.4624	
* 67 1,4-Dioxane-d8	96	6.069	6.077	-0.008	0	17757	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	99	312532	51.2	
83 Tetrachloroethene	166	7.737	7.729	0.008	96	46015	25.0	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	231352	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	91	95952	46.4	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	142345	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89850.D

Injection Date: 14-Dec-2019 18:32:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-8

Lab Sample ID: 460-198386-8

Worklist Smp#: 21

Client ID: FSMW4A-120419

Purge Vol: 5.000 mL

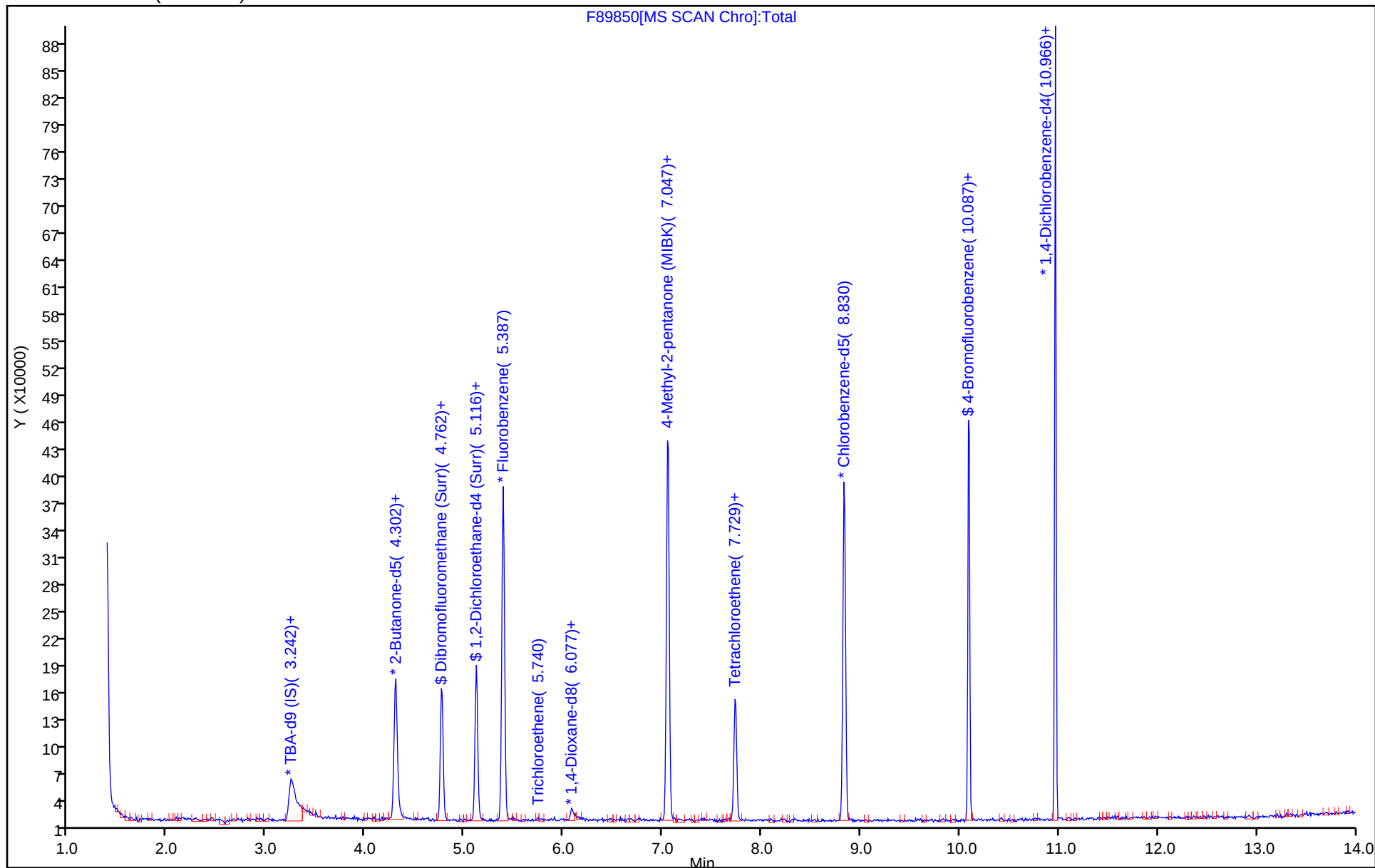
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89850.D

Injection Date: 14-Dec-2019 18:32:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-8

Lab Sample ID: 460-198386-8

Client ID: FSMW4A-120419

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

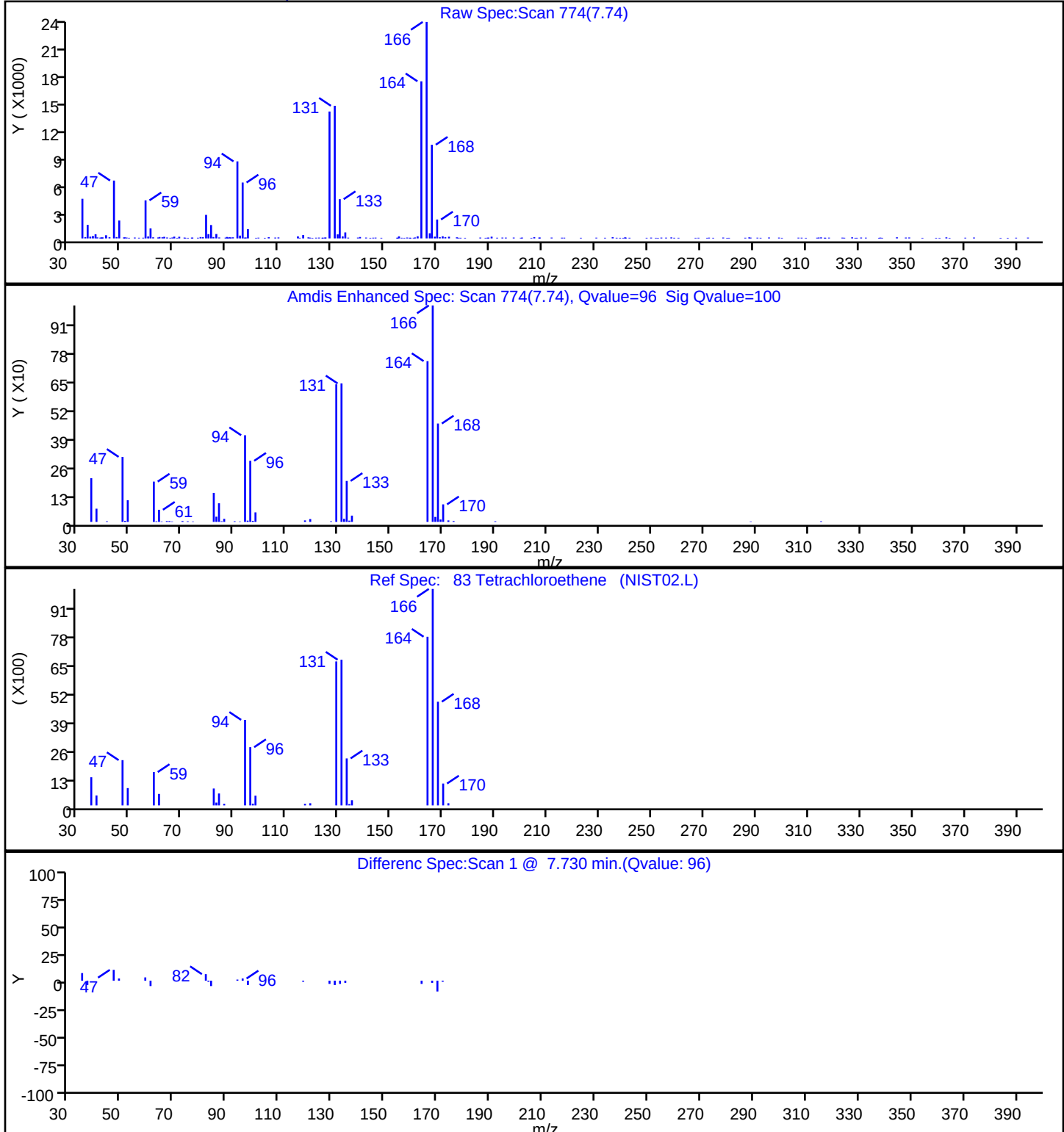
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89850.D

Injection Date: 14-Dec-2019 18:32:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-8

Lab Sample ID: 460-198386-8

Client ID: FSMW4A-120419

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

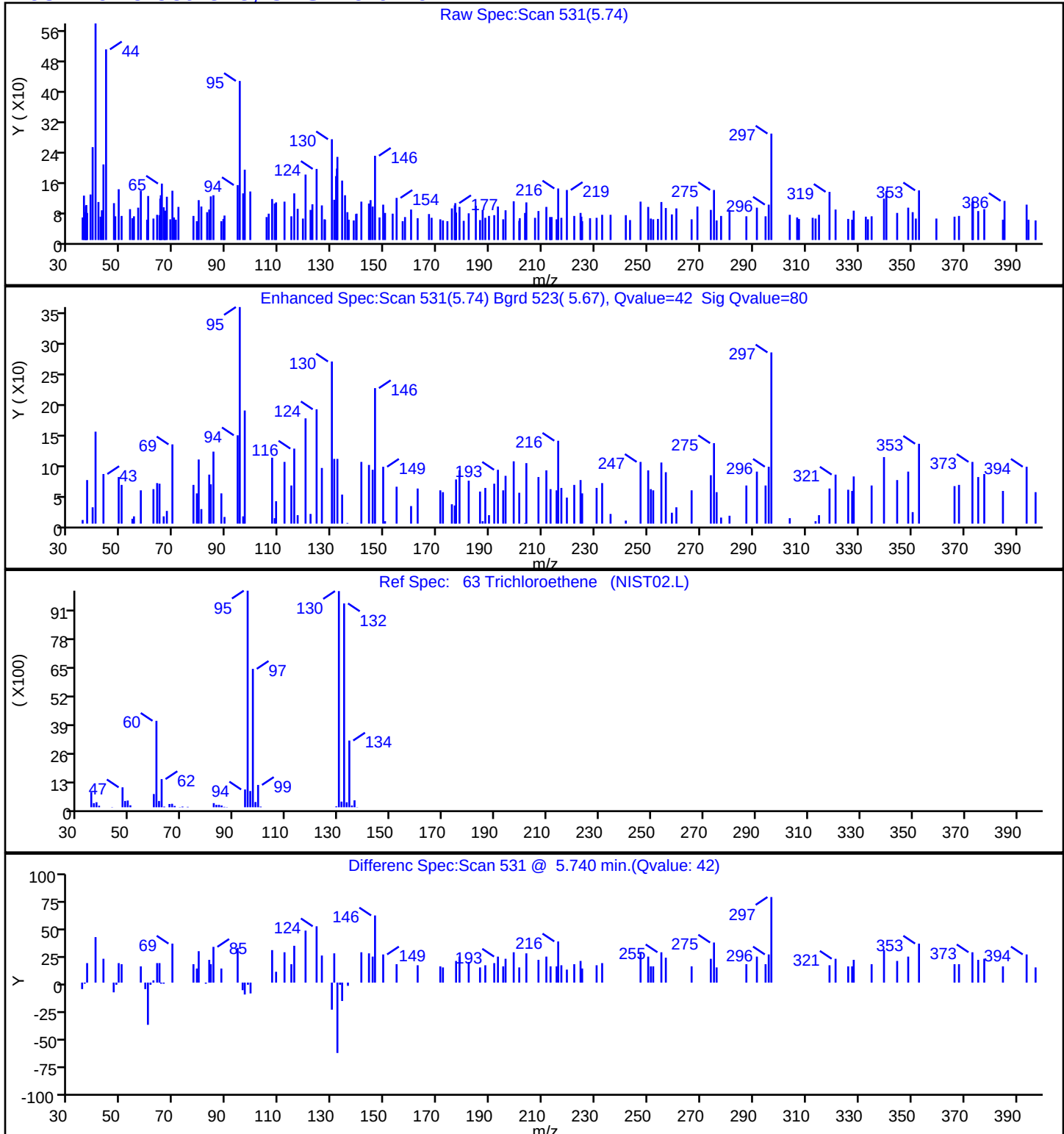
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89850.D

Injection Date: 14-Dec-2019 18:32:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-8

Lab Sample ID: 460-198386-8

Client ID: FSMW4A-120419

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

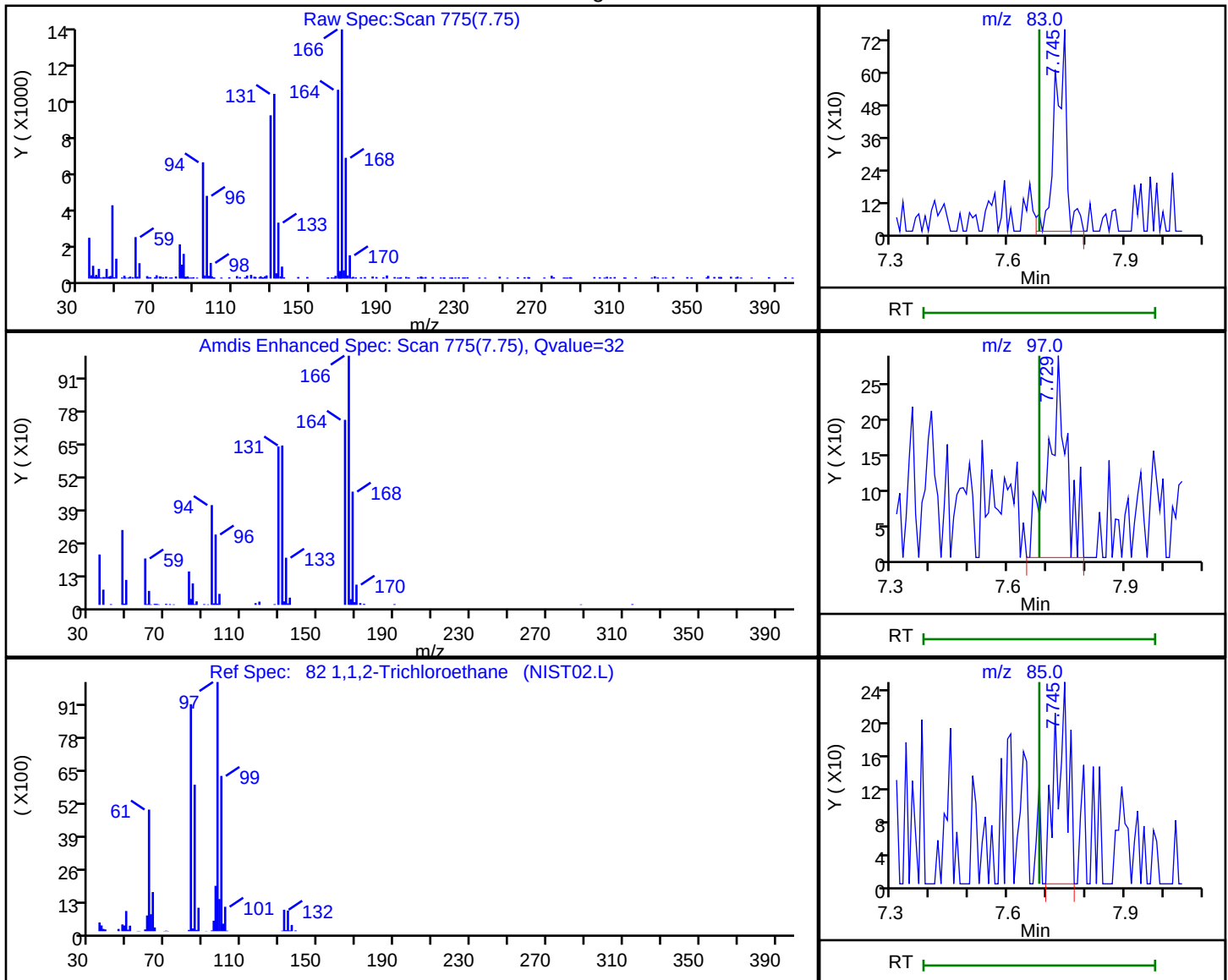
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.75	83.00	1561	1.286651
7.73	97.00	942	
7.75	85.00	541	

Reviewer: boykink, 14-Dec-2019 19:06:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: FSMW4B-120419 Lab Sample ID: 460-198386-9
 Matrix: Water Lab File ID: F89851.D
 Analysis Method: 8260C Date Collected: 12/04/2019 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 18:57
 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.: 662307 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	3.0		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	1.0		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW4B-120419 Lab Sample ID: 460-198386-9
Matrix: Water Lab File ID: F89851.D
Analysis Method: 8260C Date Collected: 12/04/2019 12:00
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 18:57
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.: 662307 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89851.D
 Lims ID: 460-198386-B-9
 Client ID: FSMW4B-120419
 Sample Type: Client
 Inject. Date: 14-Dec-2019 18:57:30 ALS Bottle#: 24 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-9
 Misc. Info.: 460-0102782-022
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:19:55 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 20:22:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.250	3.242	0.008	0	183255	1000.0	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	262543	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	96	95218	49.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.107	0.017	0	128044	50.6	
* 61 Fluorobenzene	96	5.395	5.387	0.008	98	367410	50.0	
63 Trichloroethene	95	5.740	5.732	0.008	87	2151	1.02	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	15441	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	99	339949	51.3	
83 Tetrachloroethene	166	7.729	7.729	0.000	94	5999	3.00	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	251100	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	89	107105	47.7	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	156109	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89851.D

Injection Date: 14-Dec-2019 18:57:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-9

Lab Sample ID: 460-198386-9

Worklist Smp#: 22

Client ID: FSMW4B-120419

Purge Vol: 5.000 mL

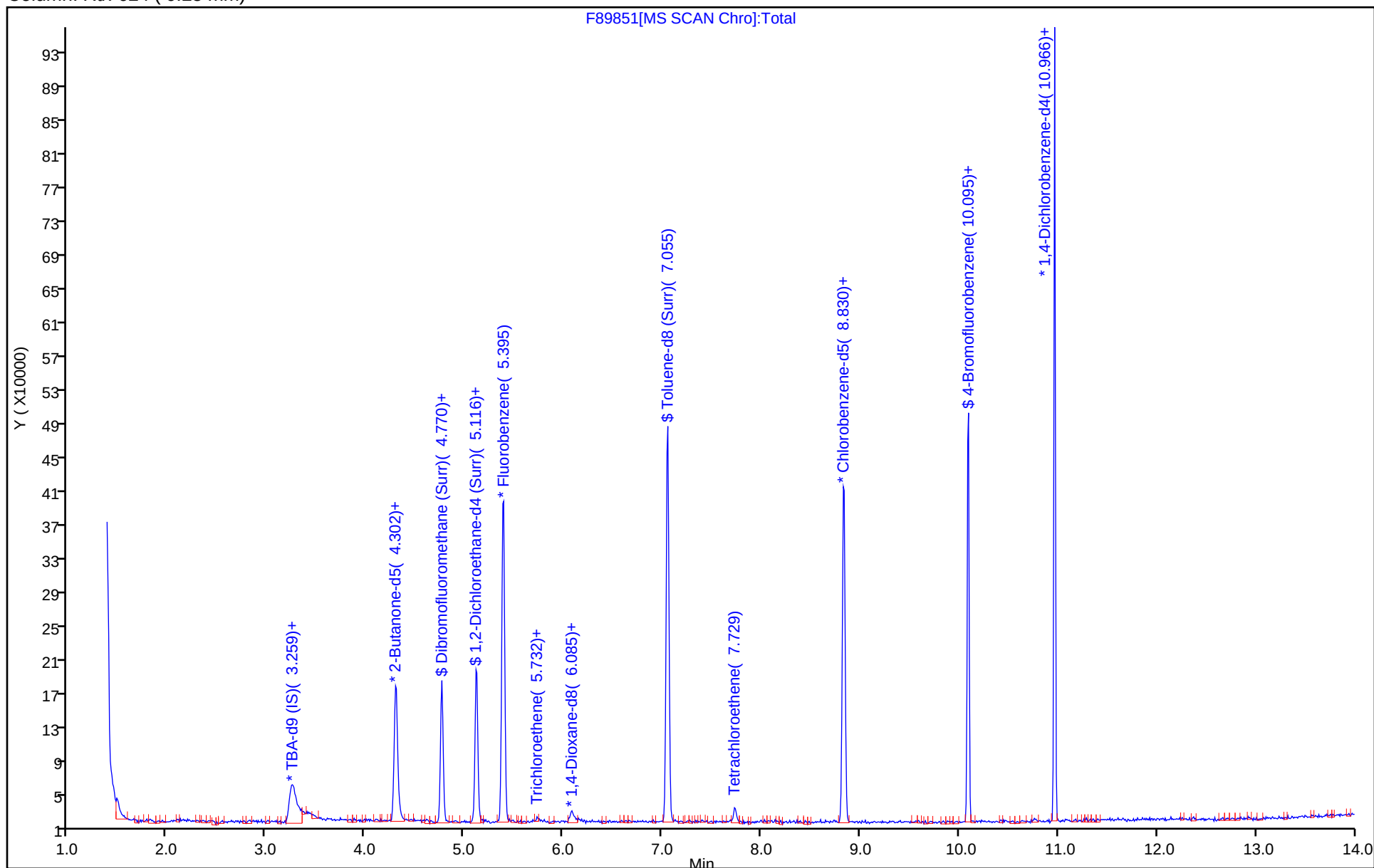
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89851.D

Injection Date: 14-Dec-2019 18:57:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-9

Lab Sample ID: 460-198386-9

Client ID: FSMW4B-120419

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

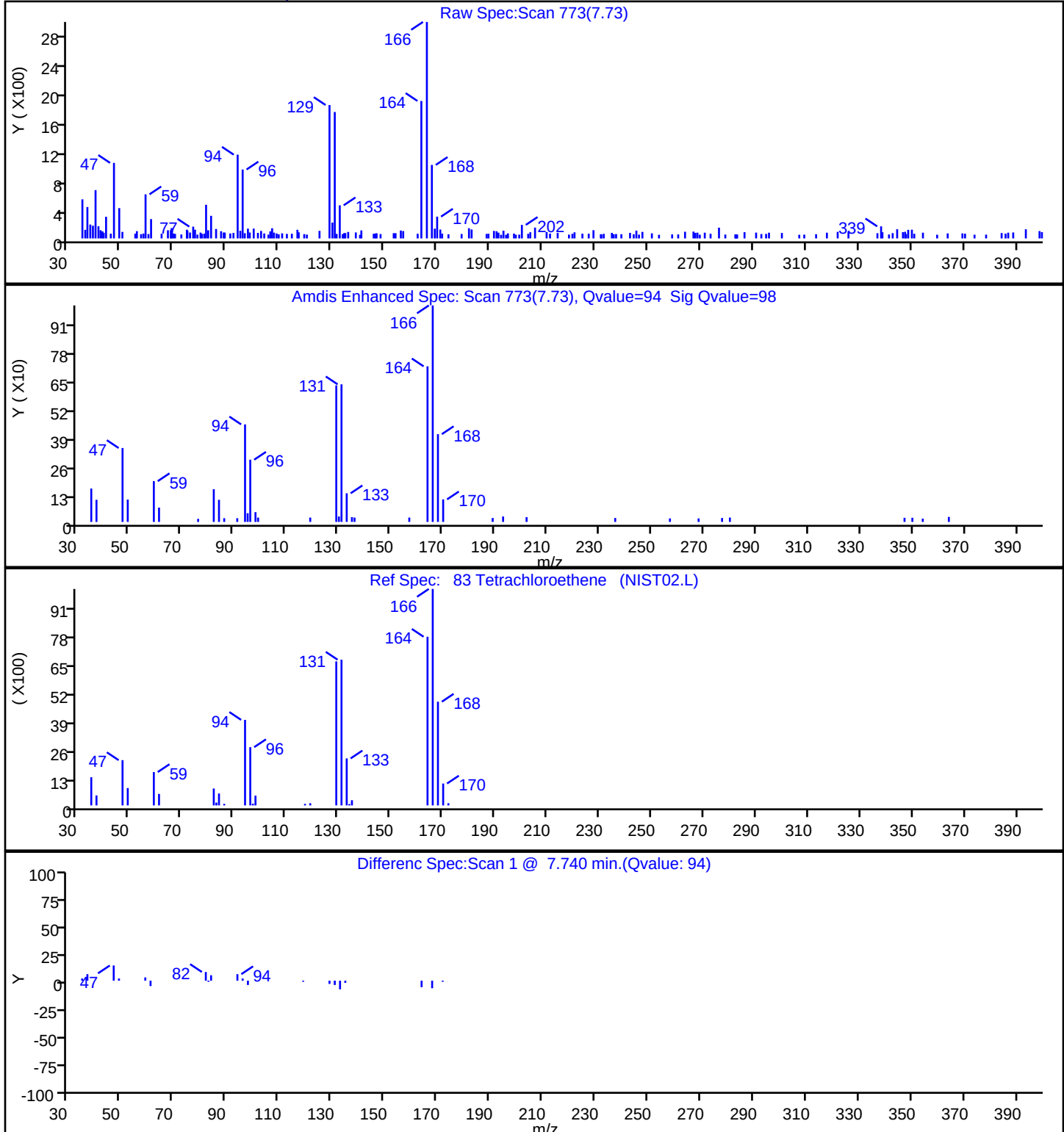
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89851.D

Injection Date: 14-Dec-2019 18:57:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-9

Lab Sample ID: 460-198386-9

Client ID: FSMW4B-120419

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

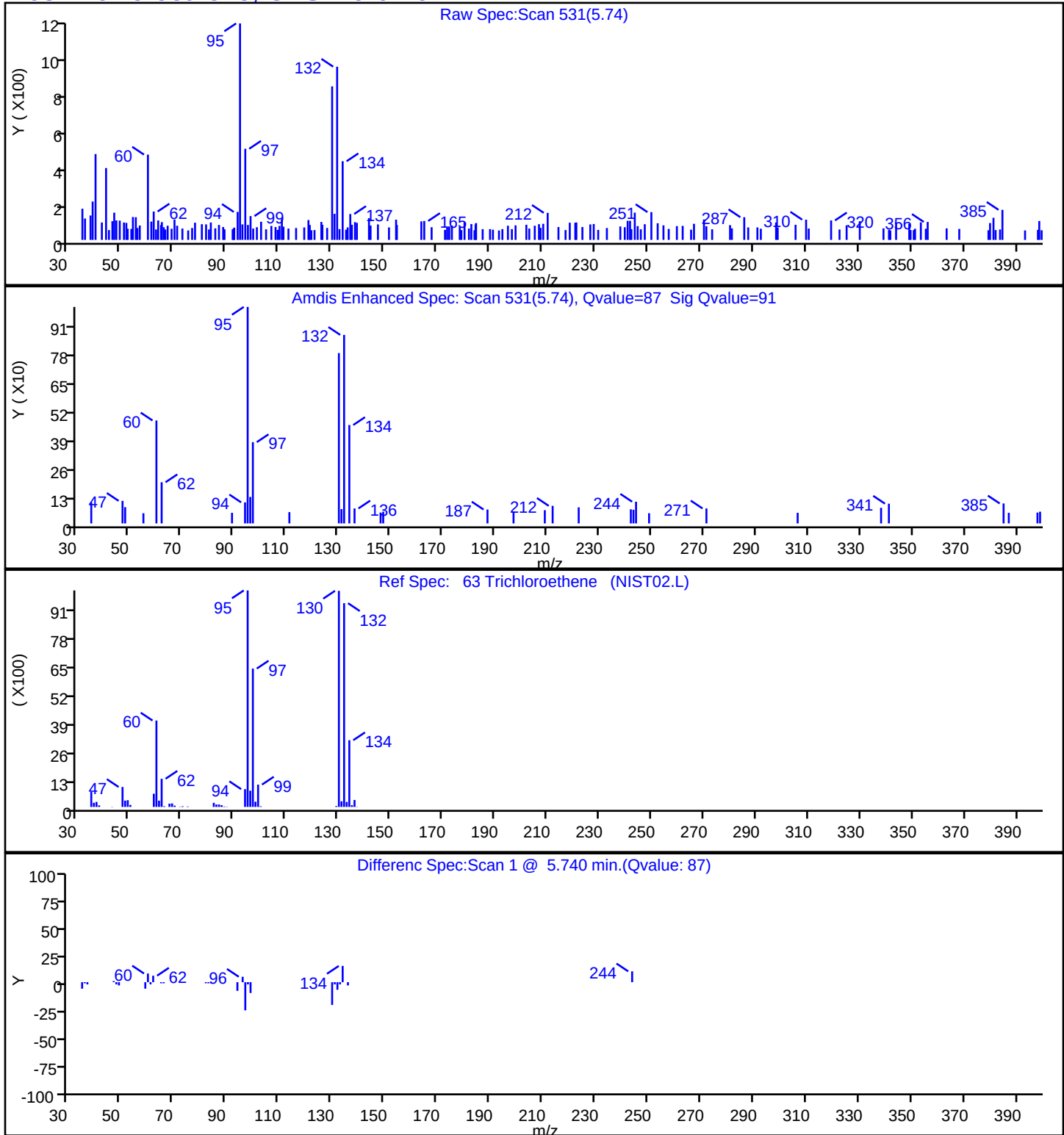
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89851.D

Injection Date: 14-Dec-2019 18:57:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-9

Lab Sample ID: 460-198386-9

Client ID: FSMW4B-120419

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

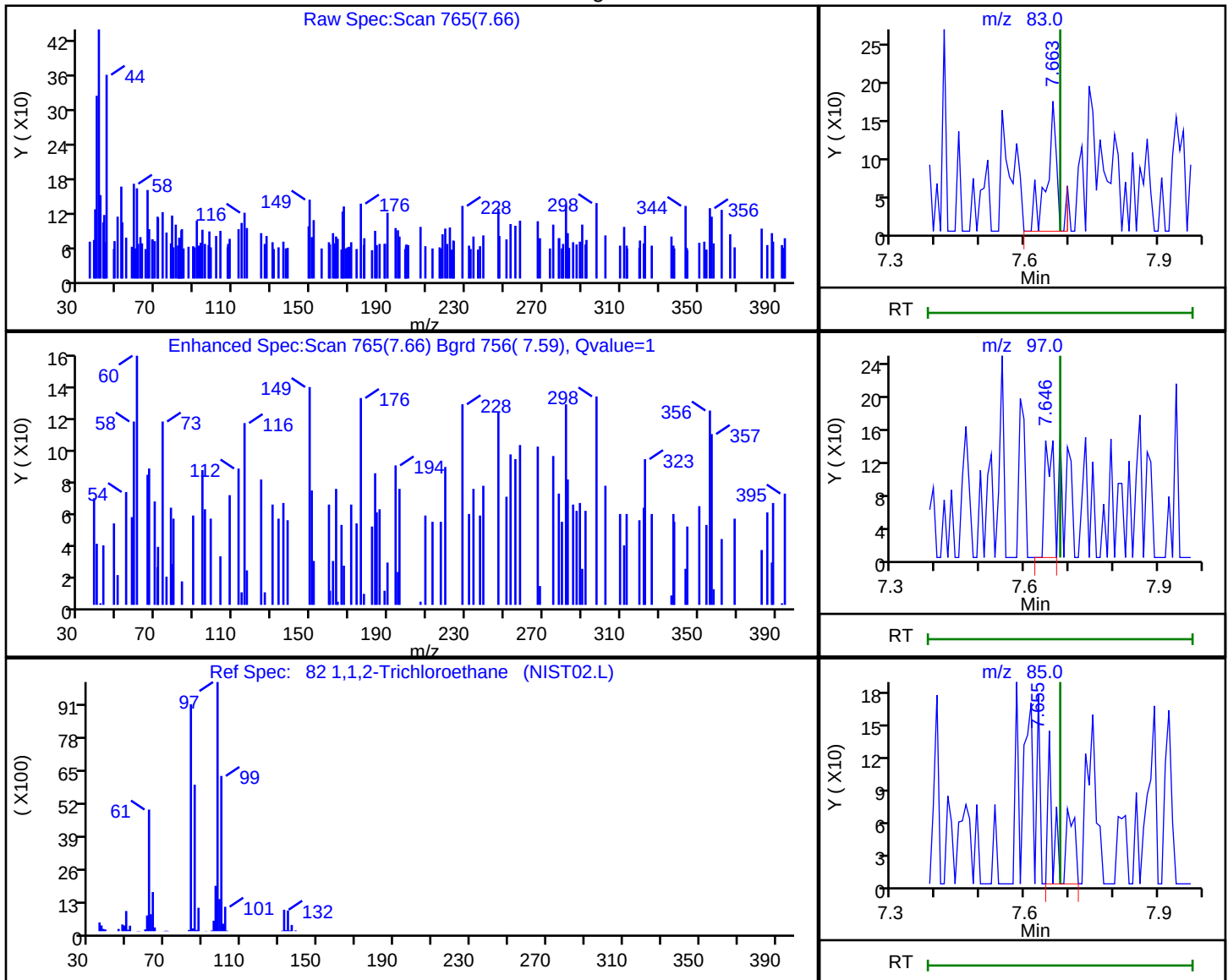
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.66	83.00	282	0.214158
7.65	97.00	188	
7.65	85.00	195	

Reviewer: boykink, 14-Dec-2019 20:22:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89851.D

Injection Date: 14-Dec-2019 18:57:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-9

Lab Sample ID: 460-198386-9

Client ID: FSMW4B-120419

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

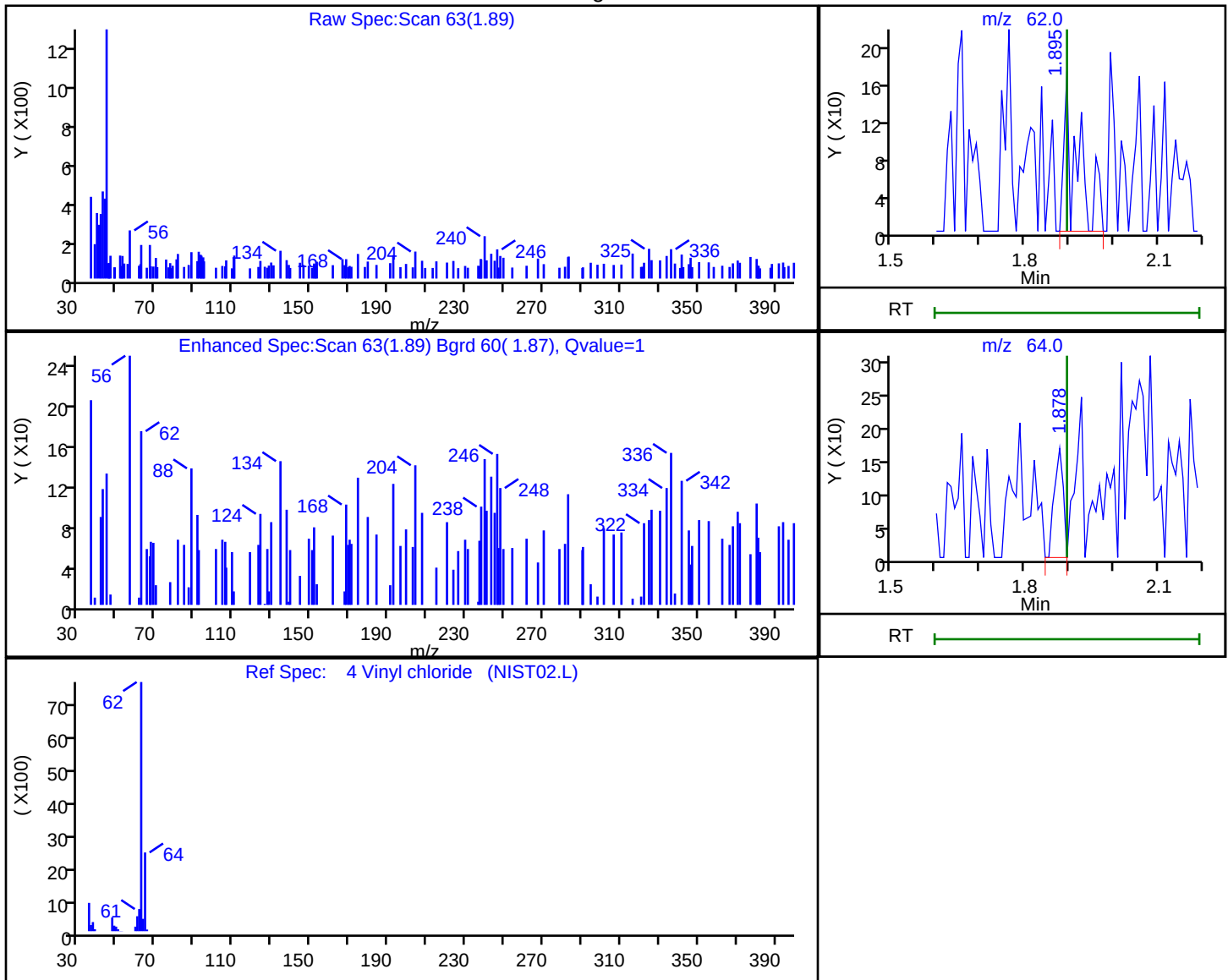
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.89	62.00	350	0.089316
1.88	64.00	233	

Reviewer: boykink, 14-Dec-2019 20:22:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: DUP01-120319 Lab Sample ID: 460-198386-10
 Matrix: Water Lab File ID: F89878.D
 Analysis Method: 8260C Date Collected: 12/03/2019 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 12/15/2019 06:17
 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.: 662428 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	0.45	J	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	4.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	300		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.37	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	9.4		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: DUP01-120319 Lab Sample ID: 460-198386-10
Matrix: Water Lab File ID: F89878.D
Analysis Method: 8260C Date Collected: 12/03/2019 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 12/15/2019 06:17
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.: 662428 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	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89878.D
 Lims ID: 460-198386-A-10
 Client ID: DUP01-120319
 Sample Type: Client
 Inject. Date: 15-Dec-2019 06:17:30 ALS Bottle#: 24 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-A-10
 Misc. Info.: 460-0102818-021
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 16:24:21 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0318

First Level Reviewer: delpolitov

Date: 15-Dec-2019 16:24:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1-Dichloroethene	96	2.823	2.831	-0.008	38	831	0.4459	
* 26 TBA-d9 (IS)	65	3.250	3.259	-0.009	0	148624	1000.0	
30 trans-1,2-Dichloroethene	96	3.439	3.439	0.000	37	672	0.3703	
* 38 2-Butanone-d5	46	4.302	4.302	0.000	0	213681	250.0	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	92	7839	3.97	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	96	80536	50.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	0	105007	50.1	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	304094	50.0	
63 Trichloroethene	95	5.740	5.740	0.000	94	16414	9.39	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	14320	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	98	284585	51.5	
83 Tetrachloroethene	166	7.737	7.737	0.000	97	492515	295.0	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	91	209743	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	89	89317	47.6	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	129111	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89878.D

Injection Date: 15-Dec-2019 06:17:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-A-10

Lab Sample ID: 460-198386-10

Worklist Smp#: 21

Client ID: DUP01-120319

Purge Vol: 5.000 mL

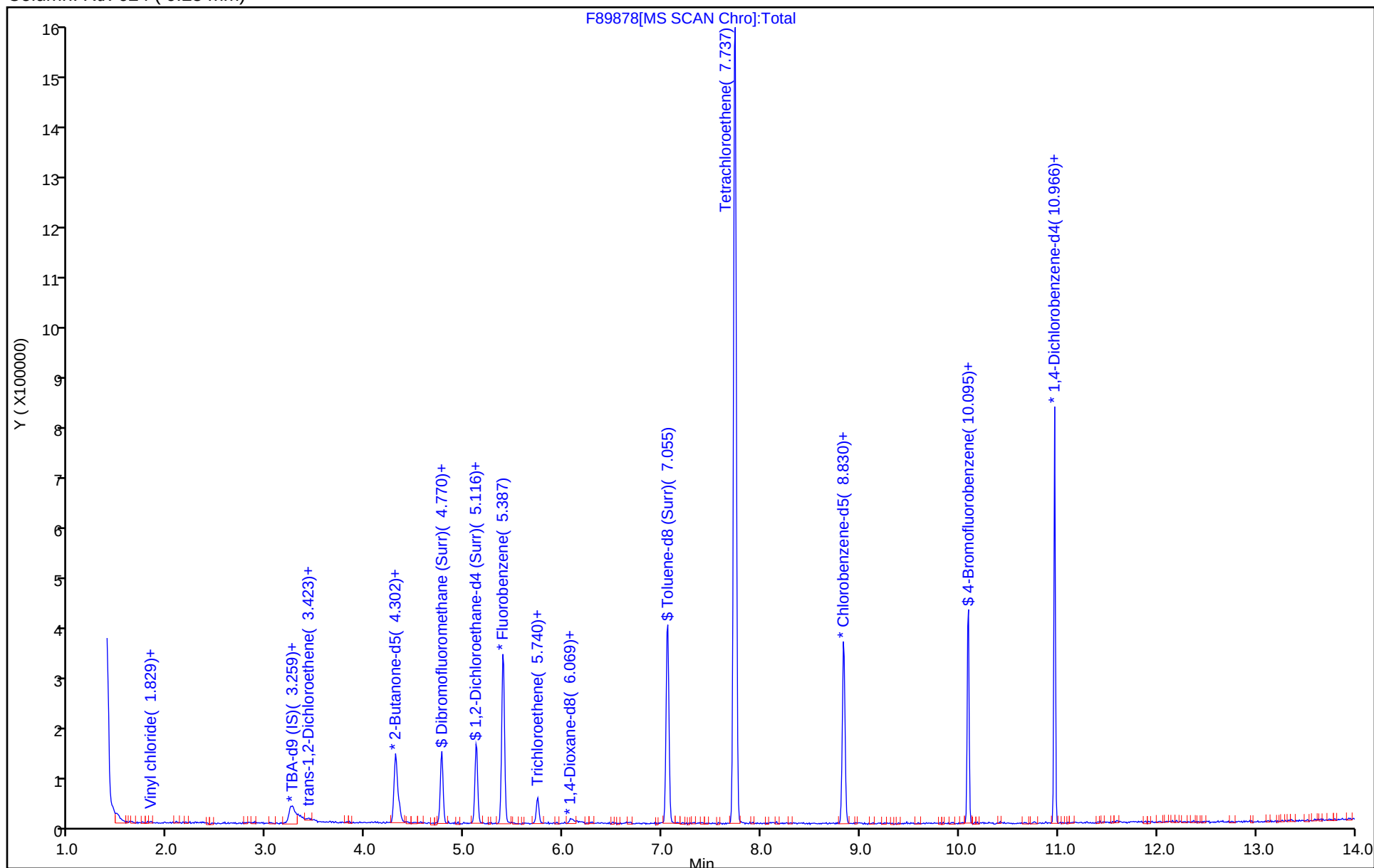
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89878.D

Injection Date: 15-Dec-2019 06:17:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-A-10

Lab Sample ID: 460-198386-10

Client ID: DUP01-120319

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

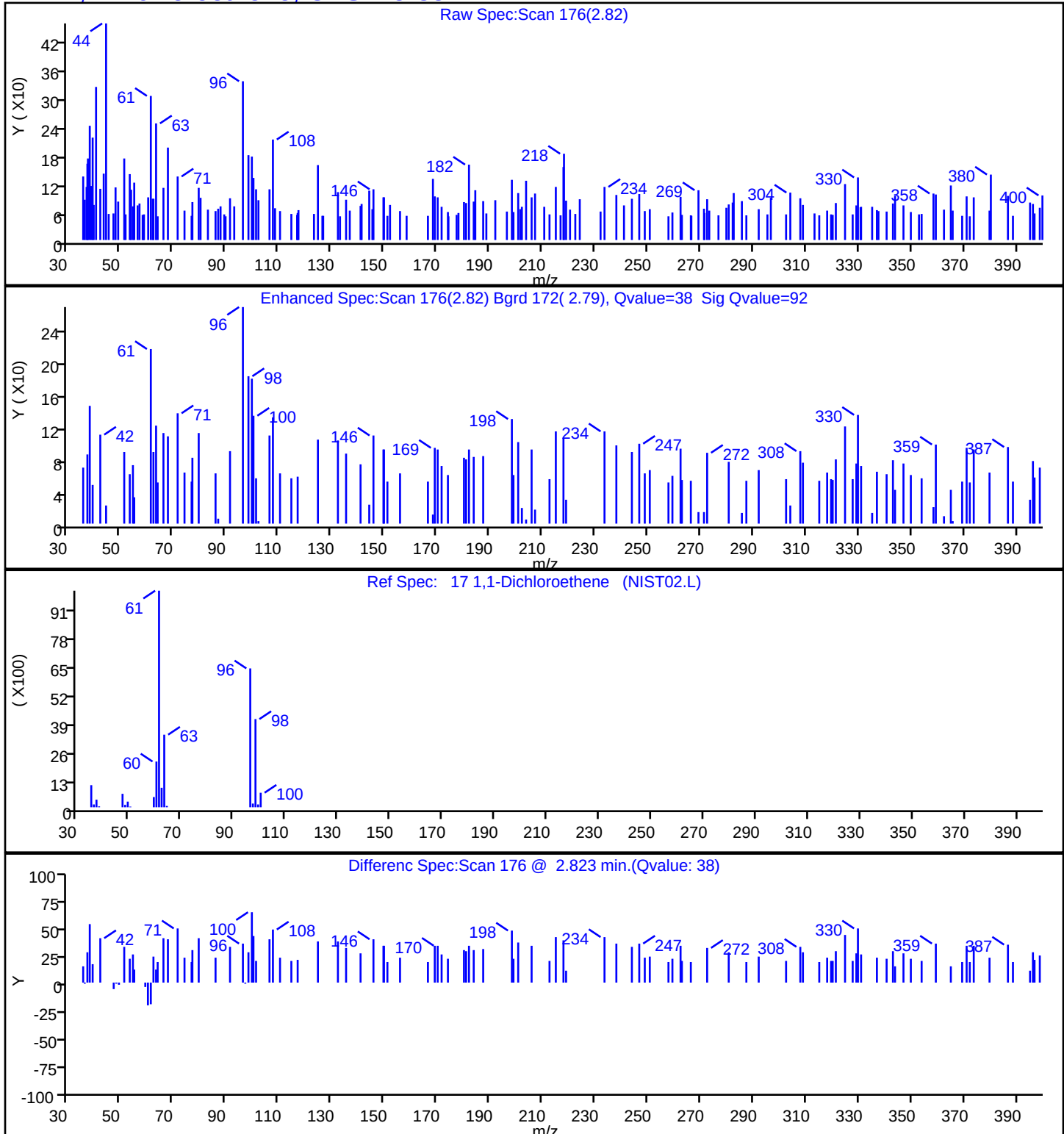
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89878.D

Injection Date: 15-Dec-2019 06:17:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-A-10

Lab Sample ID: 460-198386-10

Client ID: DUP01-120319

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

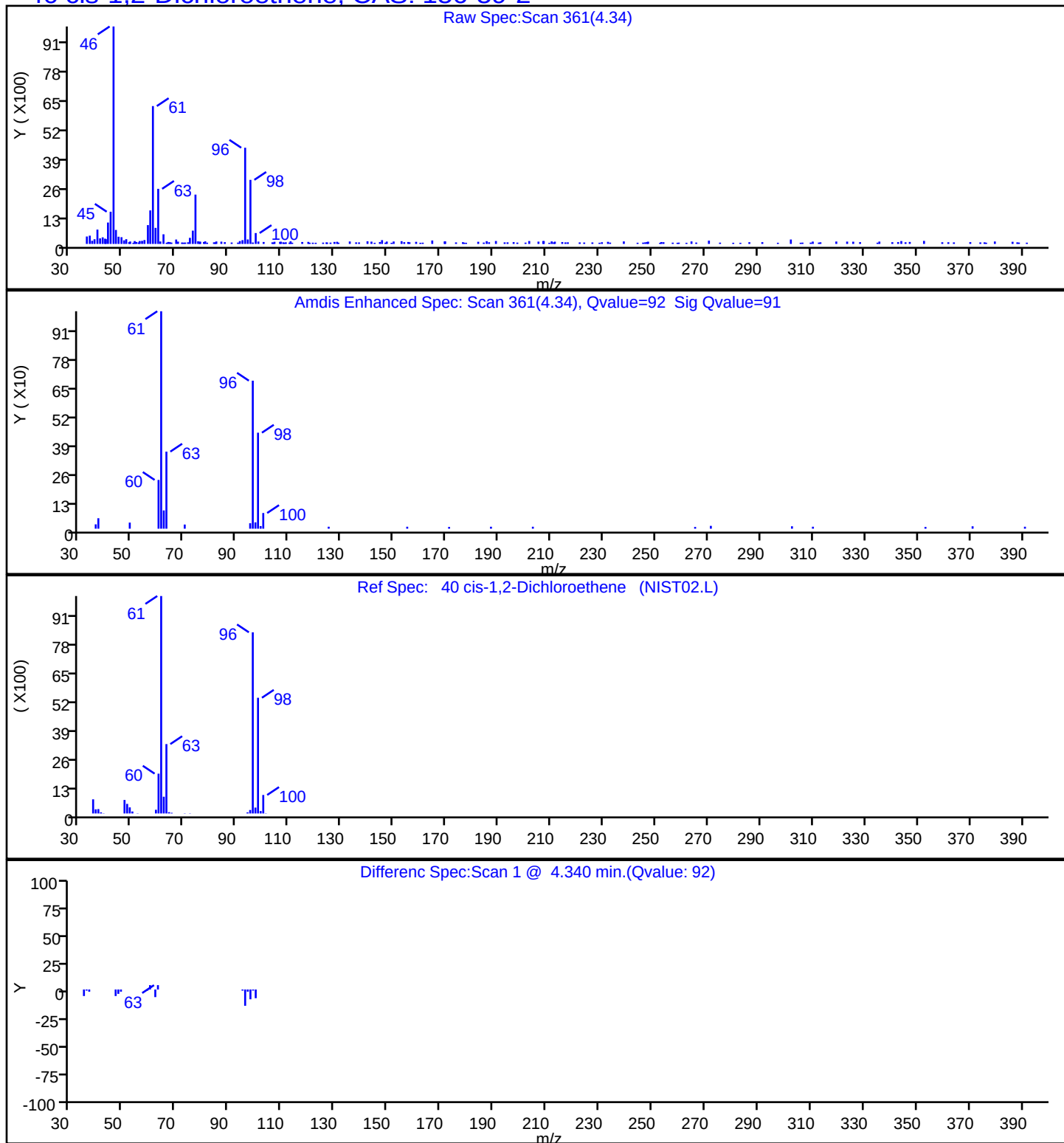
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89878.D

Injection Date: 15-Dec-2019 06:17:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-A-10

Lab Sample ID: 460-198386-10

Client ID: DUP01-120319

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

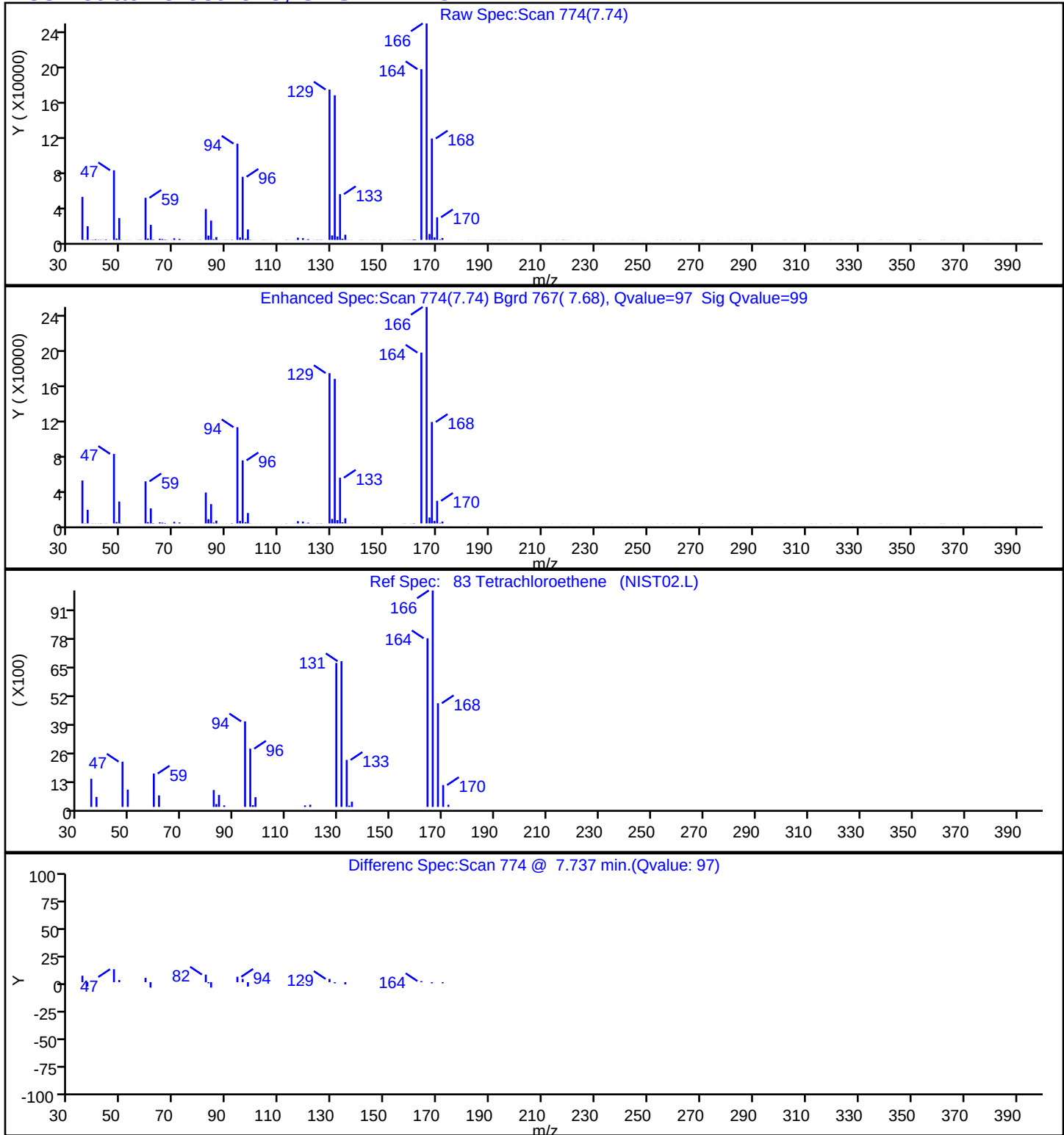
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89878.D

Injection Date: 15-Dec-2019 06:17:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-A-10

Lab Sample ID: 460-198386-10

Client ID: DUP01-120319

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

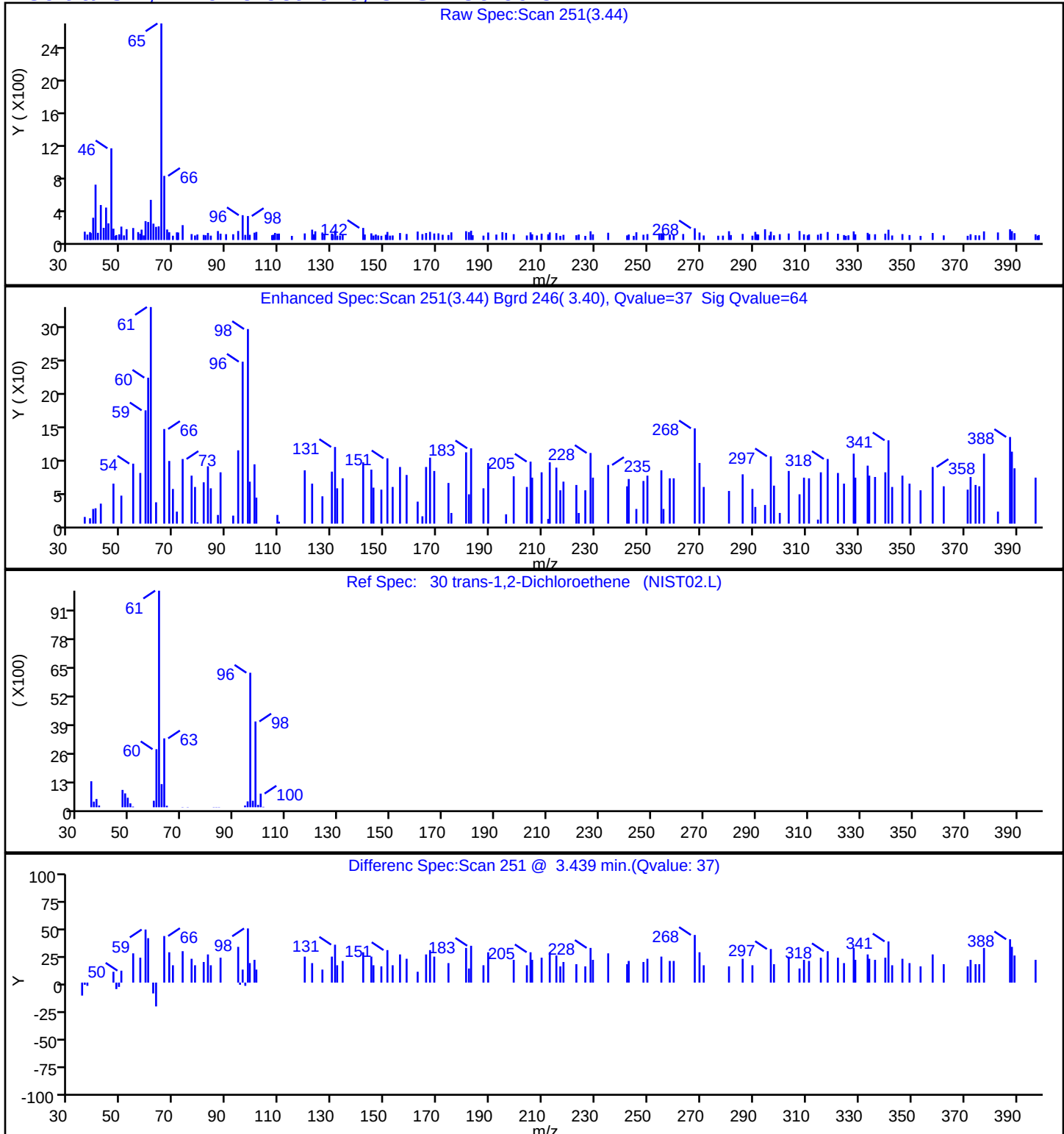
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89878.D

Injection Date: 15-Dec-2019 06:17:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-A-10

Lab Sample ID: 460-198386-10

Client ID: DUP01-120319

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

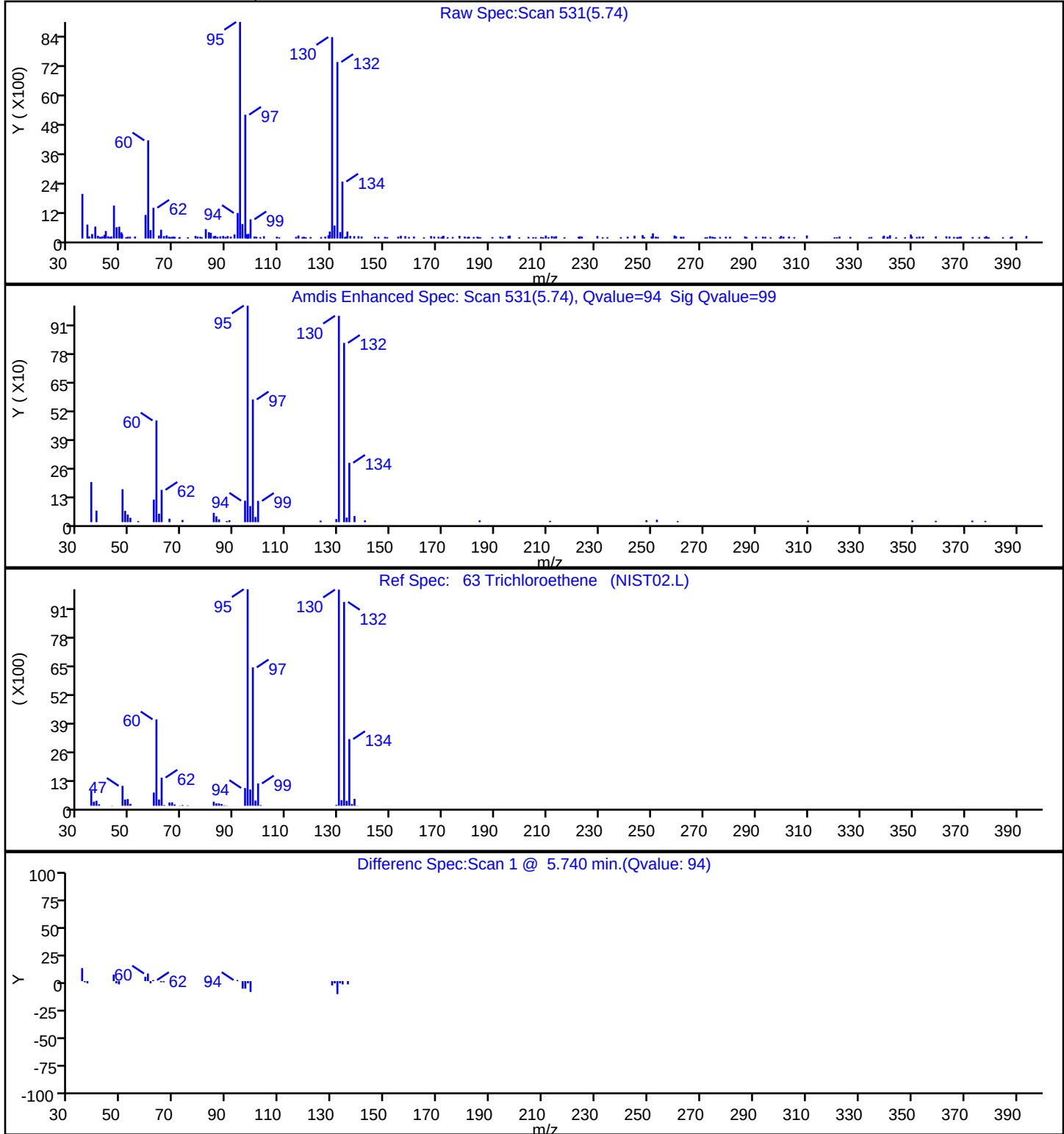
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89878.D

Injection Date: 15-Dec-2019 06:17:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-A-10

Lab Sample ID: 460-198386-10

Client ID: DUP01-120319

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

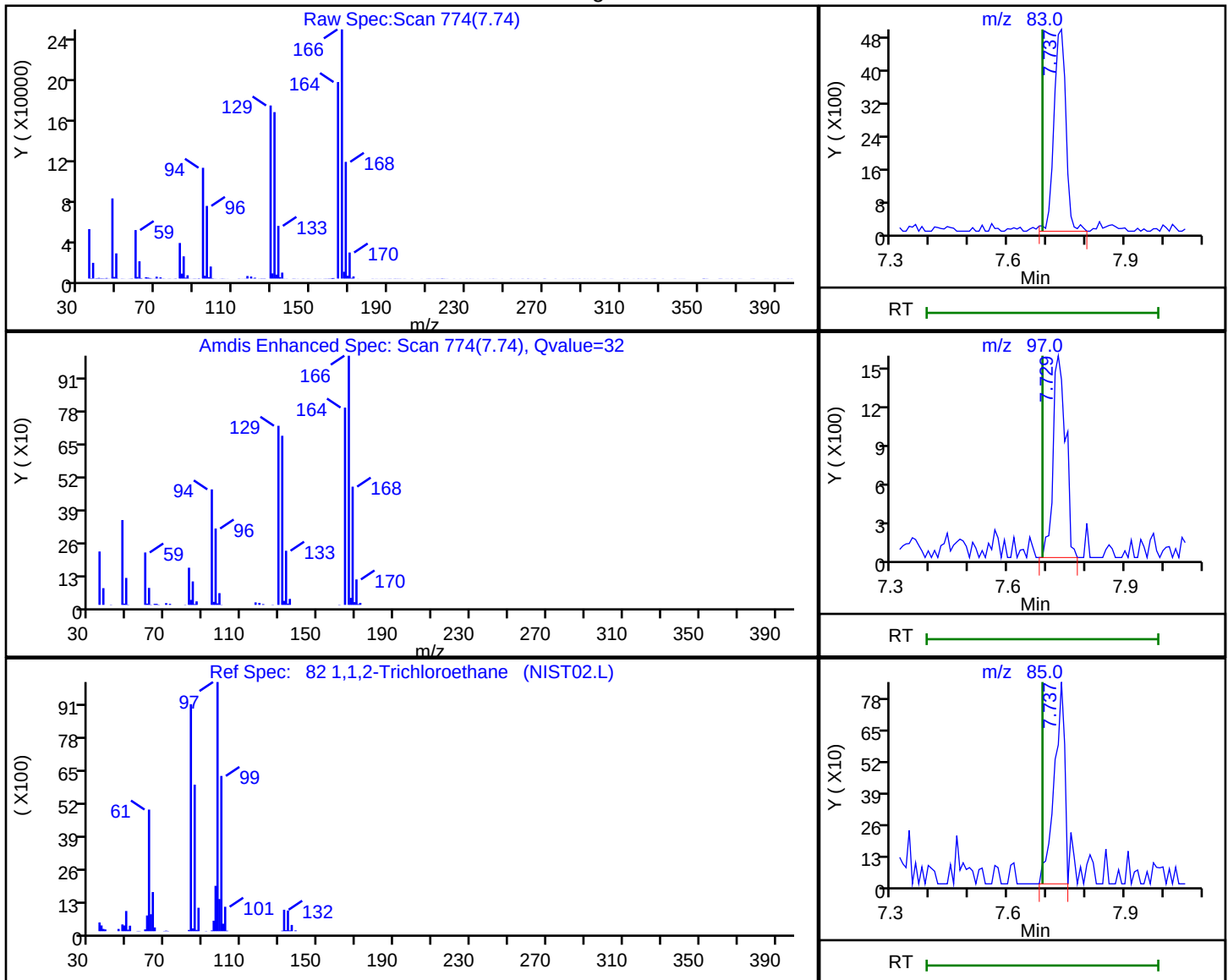
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.74	83.00	10590	9.628078
7.73	97.00	3544	
7.74	85.00	1567	

Reviewer: delpolitov, 15-Dec-2019 16:24:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Client Sample ID: FSMW1A-120419 Lab Sample ID: 460-198386-11

Matrix: Water Lab File ID: F89852.D

Analysis Method: 8260C Date Collected: 12/04/2019 14:15

Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 19:21

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.: 662307 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	54		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	6.4		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW1A-120419 Lab Sample ID: 460-198386-11
Matrix: Water Lab File ID: F89852.D
Analysis Method: 8260C Date Collected: 12/04/2019 14:15
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 19:21
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.: 662307 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	94		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89852.D
 Lims ID: 460-198386-B-11
 Client ID: FSMW1A-120419
 Sample Type: Client
 Inject. Date: 14-Dec-2019 19:21:30 ALS Bottle#: 25 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-11
 Misc. Info.: 460-0102782-023
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:19:55 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 20:22:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.250	3.242	0.008	0	177180	1000.0	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	238975	250.0	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	92	4862	2.10	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	96	93037	50.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.107	0.017	0	122216	49.7	
* 61 Fluorobenzene	96	5.395	5.387	0.008	98	356853	50.0	
63 Trichloroethene	95	5.740	5.732	0.008	94	13086	6.38	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	13852	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	98	334034	51.2	
83 Tetrachloroethene	166	7.737	7.729	0.008	96	105665	53.6	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	88	247668	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	94	103977	47.0	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	151789	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89852.D

Injection Date: 14-Dec-2019 19:21:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-11

Lab Sample ID: 460-198386-11

Worklist Smp#: 23

Client ID: FSMW1A-120419

Purge Vol: 5.000 mL

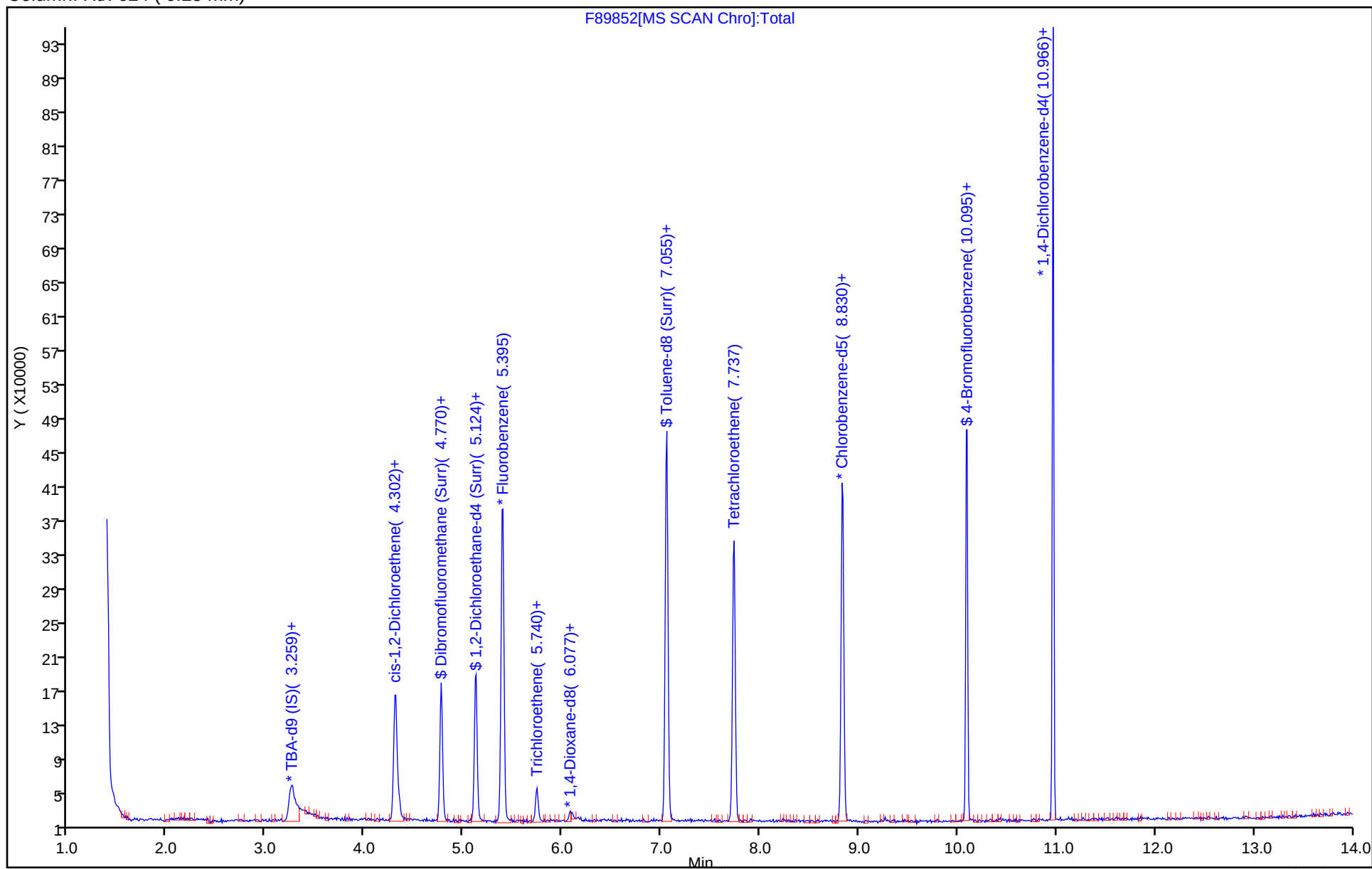
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89852.D

Injection Date: 14-Dec-2019 19:21:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-11

Lab Sample ID: 460-198386-11

Client ID: FSMW1A-120419

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

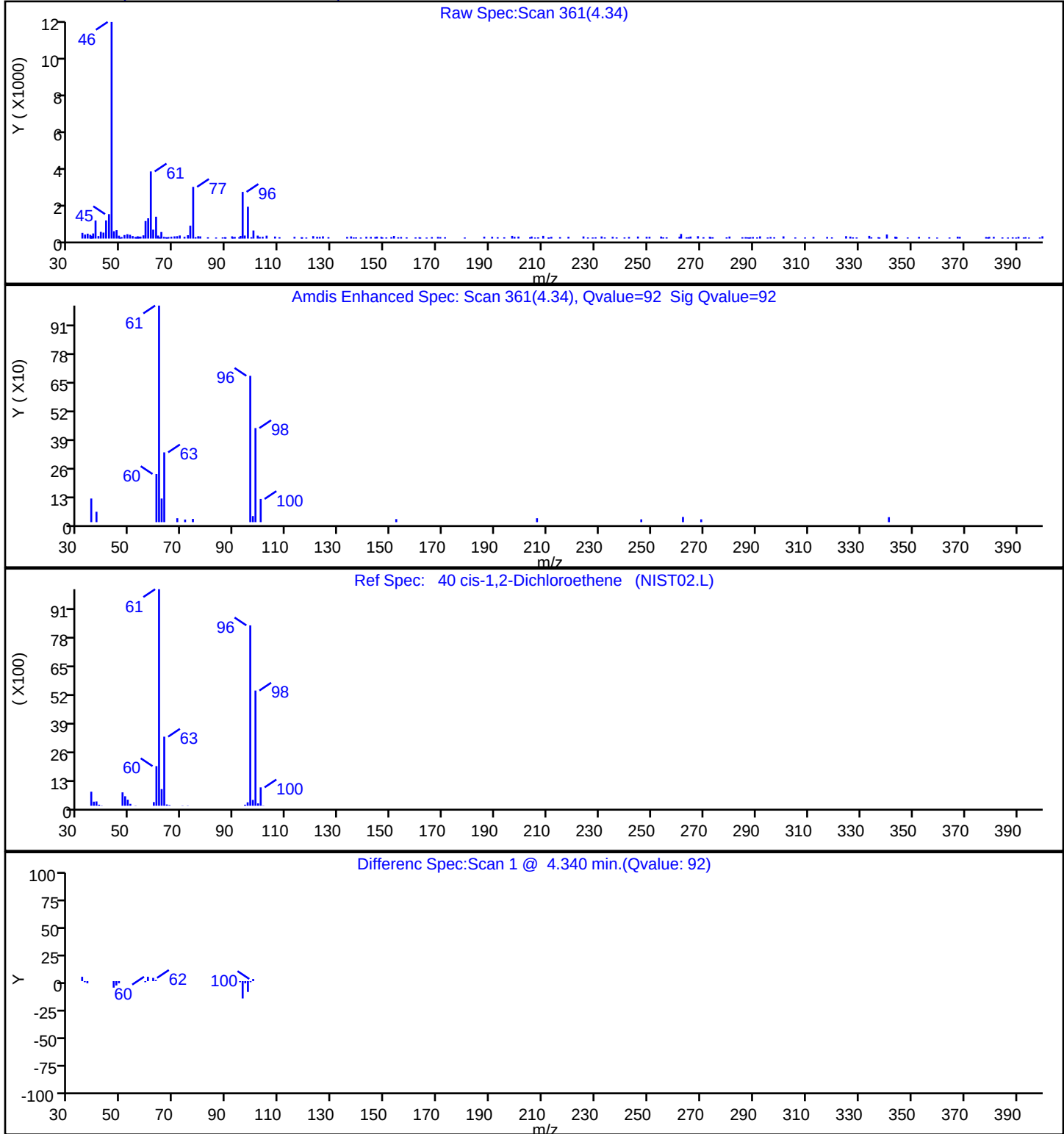
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89852.D

Injection Date: 14-Dec-2019 19:21:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-11

Lab Sample ID: 460-198386-11

Client ID: FSMW1A-120419

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

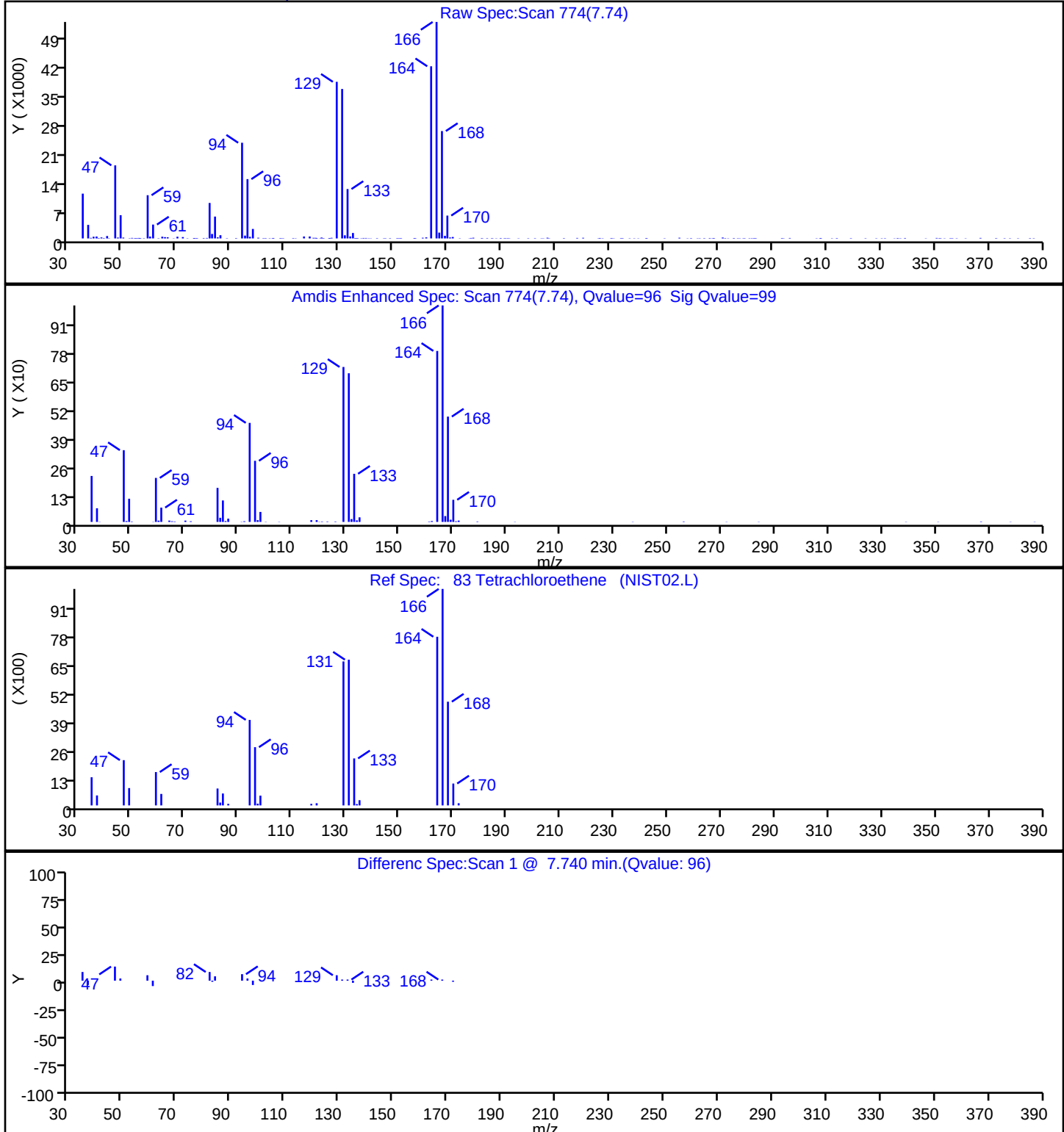
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89852.D

Injection Date: 14-Dec-2019 19:21:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-11

Lab Sample ID: 460-198386-11

Client ID: FSMW1A-120419

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

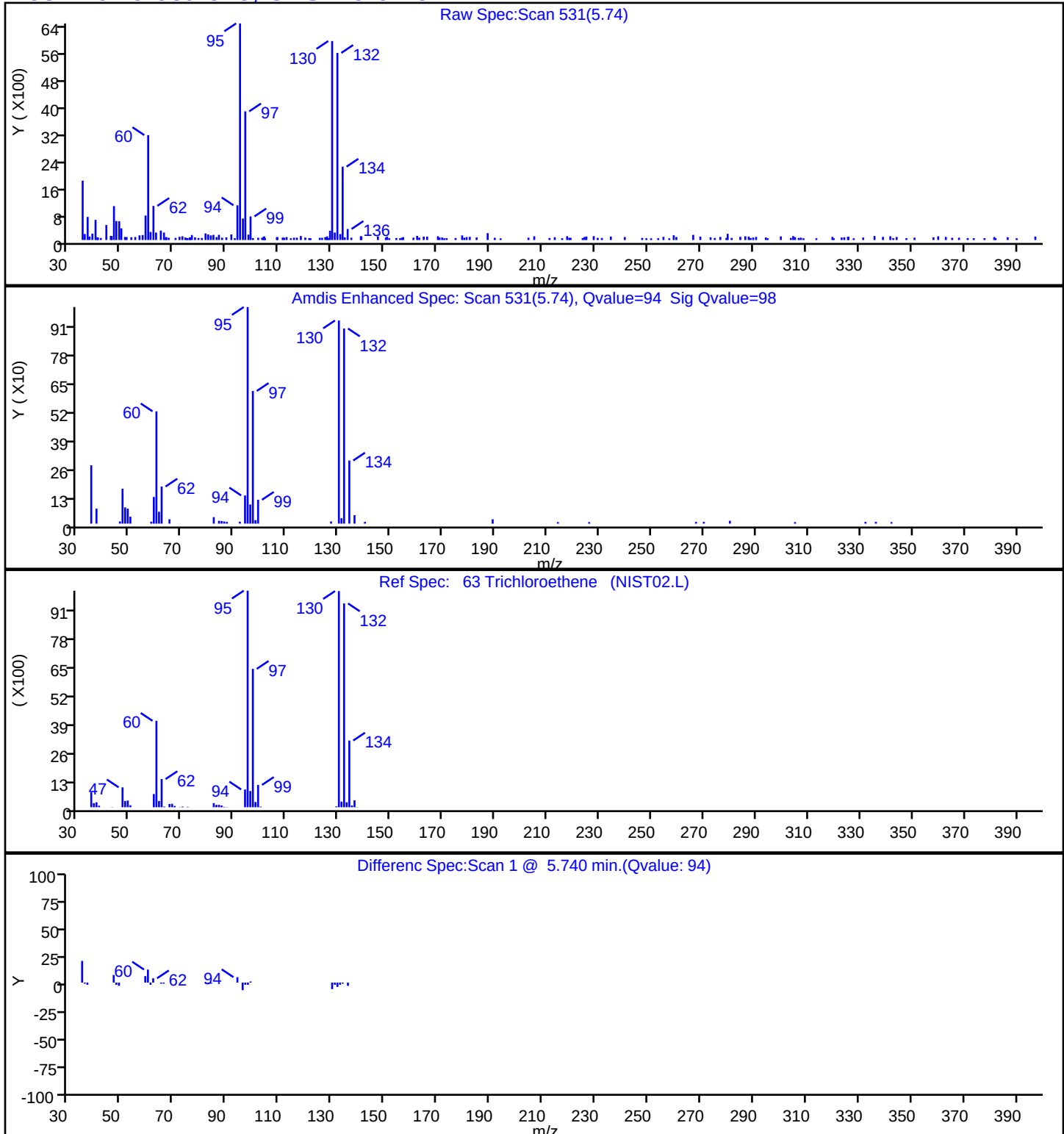
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89852.D

Injection Date: 14-Dec-2019 19:21:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-11

Lab Sample ID: 460-198386-11

Client ID: FSMW1A-120419

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

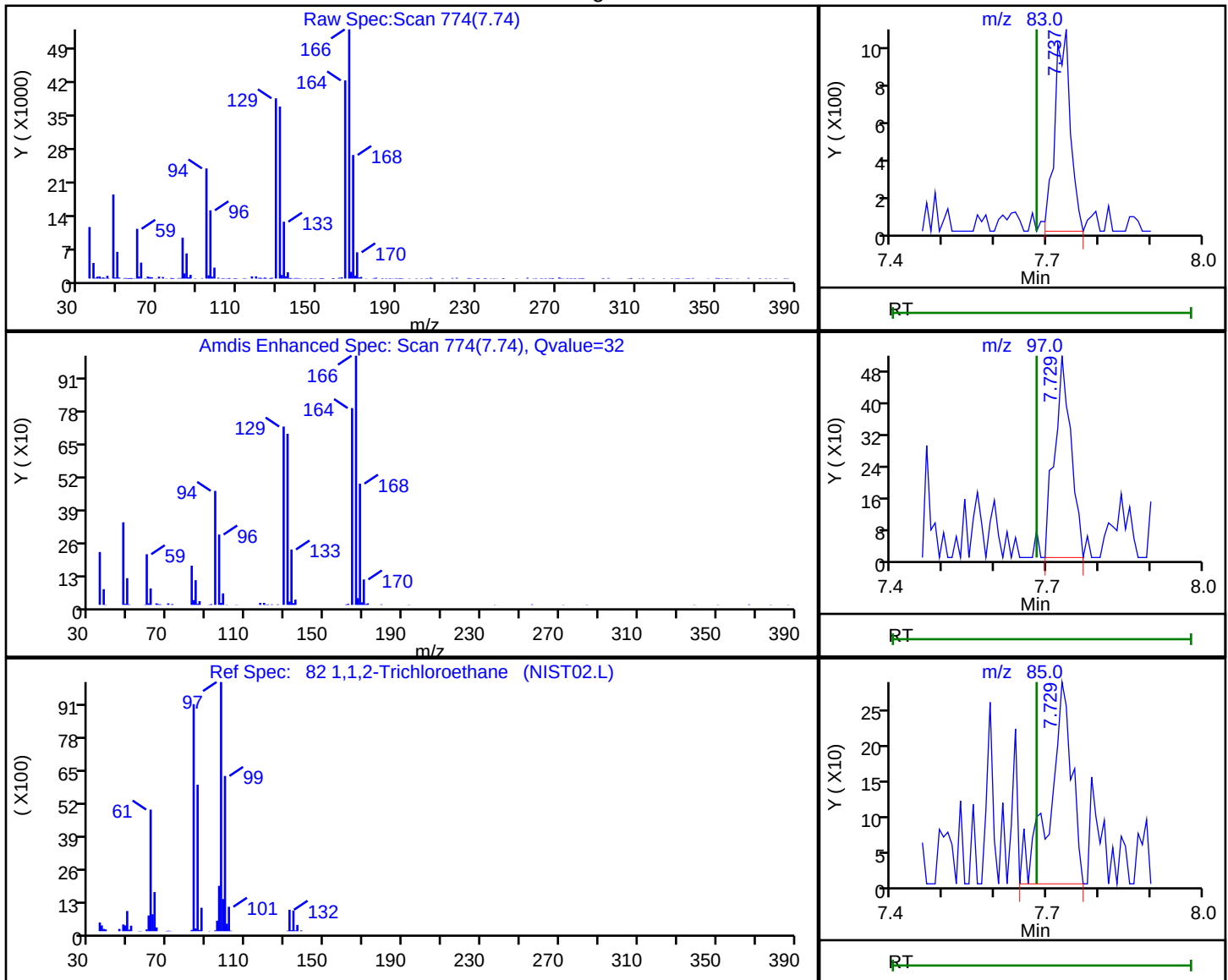
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.74	83.00	2256	1.737002
7.73	97.00	1141	
7.73	85.00	850	

Reviewer: boykink, 14-Dec-2019 20:22:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: FSMW2A-120519 Lab Sample ID: 460-198386-12
 Matrix: Water Lab File ID: F89854.D
 Analysis Method: 8260C Date Collected: 12/05/2019 08:15
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 20:10
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 662307 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.48	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	0.73	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	0.87	U	2.0	0.87
75-34-3	1,1-Dichloroethane	0.53	U	2.0	0.53
75-35-4	1,1-Dichloroethene	0.53	U	2.0	0.53
107-06-2	1,2-Dichloroethane	0.86	U	2.0	0.86
78-87-5	1,2-Dichloropropane	0.71	U	2.0	0.71
78-93-3	2-Butanone (MEK)	3.7	U	10	3.7
591-78-6	2-Hexanone	2.3	U	10	2.3
108-10-1	4-Methyl-2-pentanone (MIBK)	2.6	U	10	2.6
67-64-1	Acetone	15		10	8.8
71-43-2	Benzene	0.41	U	2.0	0.41
75-27-4	Bromodichloromethane	0.69	U	2.0	0.69
75-25-2	Bromoform	1.1	U	2.0	1.1
74-83-9	Bromomethane	1.1	U	2.0	1.1
75-15-0	Carbon disulfide	1.6	U	2.0	1.6
56-23-5	Carbon tetrachloride	0.42	U	2.0	0.42
108-90-7	Chlorobenzene	0.75	U	2.0	0.75
74-97-5	Chlorobromomethane	0.82	U	2.0	0.82
75-00-3	Chloroethane	0.64	U	2.0	0.64
67-66-3	Chloroform	0.65	U	2.0	0.65
74-87-3	Chloromethane	0.80	U	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	30		2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	0.44	U	2.0	0.44
100-41-4	Ethylbenzene	0.60	U	2.0	0.60
75-09-2	Methylene Chloride	0.63	U	2.0	0.63
100-42-5	Styrene	0.83	U	2.0	0.83
127-18-4	Tetrachloroethene	800		2.0	0.50
108-88-3	Toluene	0.76	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	0.76	J	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	0.97	U	2.0	0.97
79-01-6	Trichloroethene	39		2.0	0.63
75-01-4	Vinyl chloride	0.34	U	2.0	0.34
1330-20-7	Xylenes, Total	1.3	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW2A-120519 Lab Sample ID: 460-198386-12
Matrix: Water Lab File ID: F89854.D
Analysis Method: 8260C Date Collected: 12/05/2019 08:15
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 20:10
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 662307 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	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89854.D
 Lims ID: 460-198386-B-12
 Client ID: FSMW2A-120519
 Sample Type: Client
 Inject. Date: 14-Dec-2019 20:10:30 ALS Bottle#: 27 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 2.0000
 Sample Info: 460-198386-B-12
 Misc. Info.: 460-0102782-025
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:19:55 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 21:18:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.913	2.897	0.016	83	5960	7.61	
* 26 TBA-d9 (IS)	65	3.250	3.242	0.008	0	174816	1000.0	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	42	772	0.3787	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	238693	250.0	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	96	33807	15.2	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	96	90235	50.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	116895	49.6	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	341640	50.0	
63 Trichloroethene	95	5.740	5.732	0.008	96	37902	19.3	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	16713	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	99	316795	51.0	
83 Tetrachloroethene	166	7.737	7.729	0.008	95	752782	401.7	
* 89 Chlorobenzene-d5	117	8.838	8.830	0.008	88	235453	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	91	99791	47.4	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	98	144064	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89854.D

Injection Date: 14-Dec-2019 20:10:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-12

Lab Sample ID: 460-198386-12

Worklist Smp#: 25

Client ID: FSMW2A-120519

Purge Vol: 5.000 mL

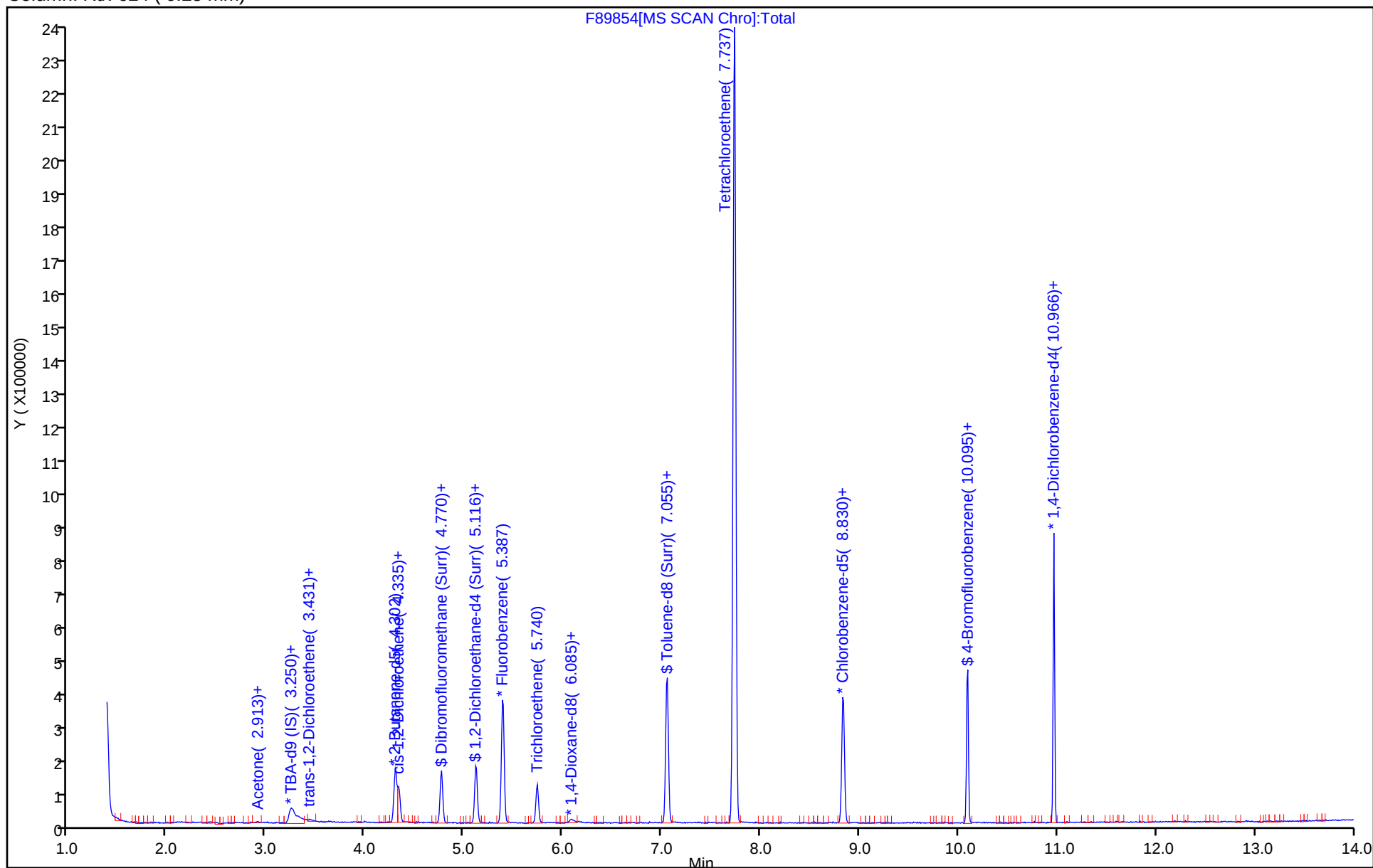
Dil. Factor: 2.0000

ALS Bottle#: 27

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89854.D

Injection Date: 14-Dec-2019 20:10:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-12

Lab Sample ID: 460-198386-12

Client ID: FSMW2A-120519

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: 8260624W6

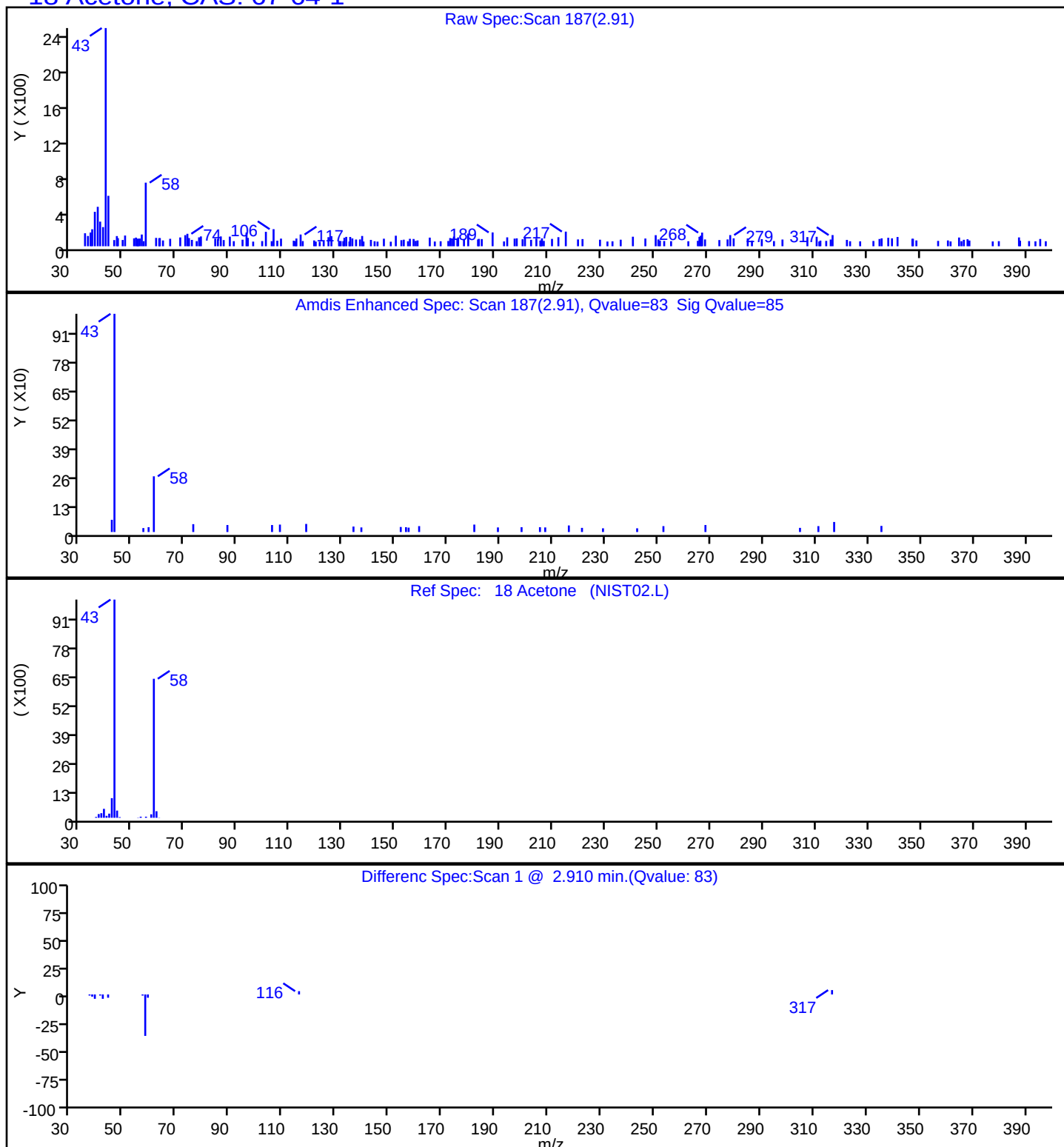
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

18 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89854.D

Injection Date: 14-Dec-2019 20:10:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-12

Lab Sample ID: 460-198386-12

Client ID: FSMW2A-120519

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: 8260624W6

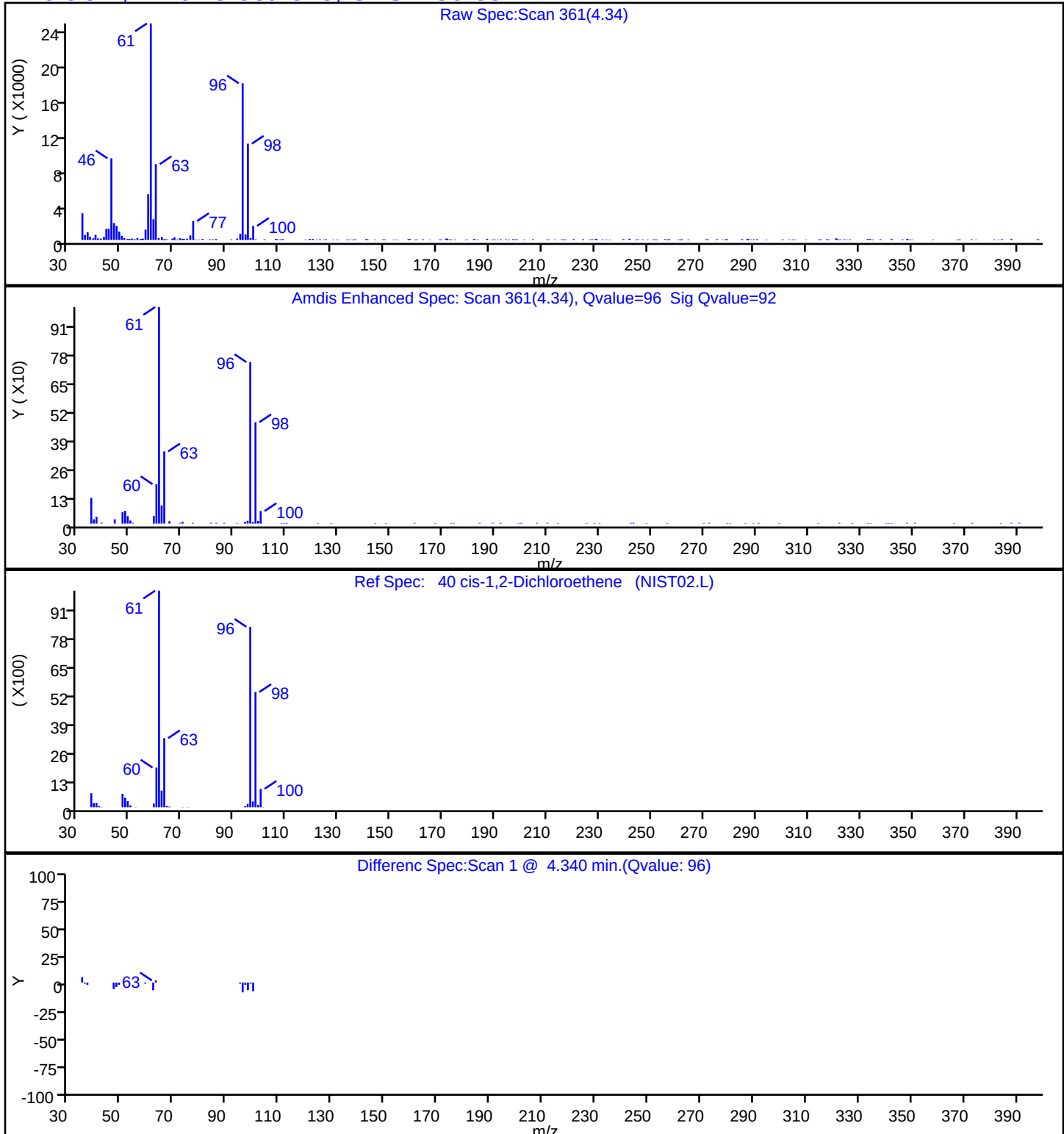
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89854.D

Injection Date: 14-Dec-2019 20:10:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-12

Lab Sample ID: 460-198386-12

Client ID: FSMW2A-120519

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: 8260624W6

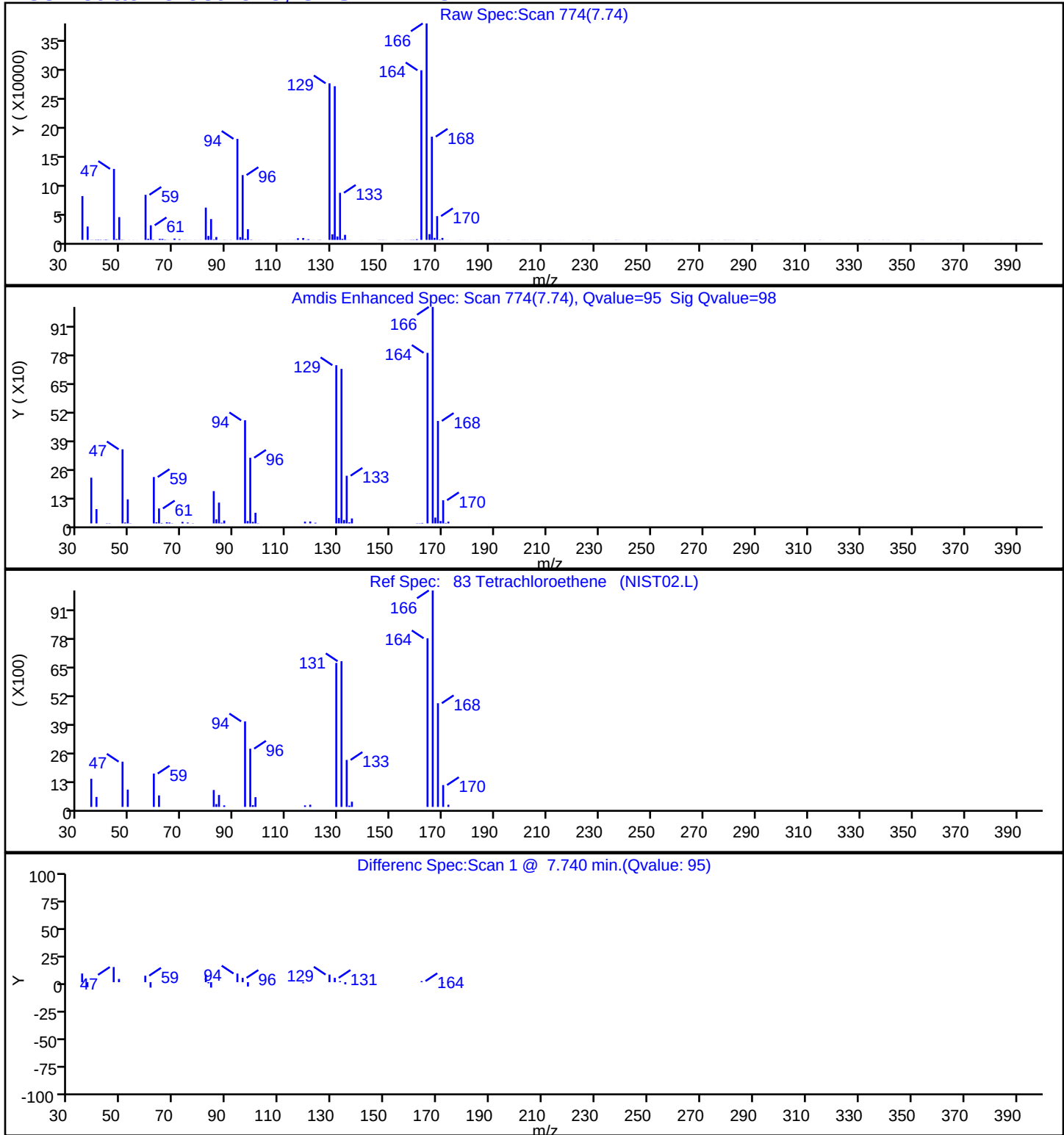
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89854.D

Injection Date: 14-Dec-2019 20:10:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-12

Lab Sample ID: 460-198386-12

Client ID: FSMW2A-120519

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: 8260624W6

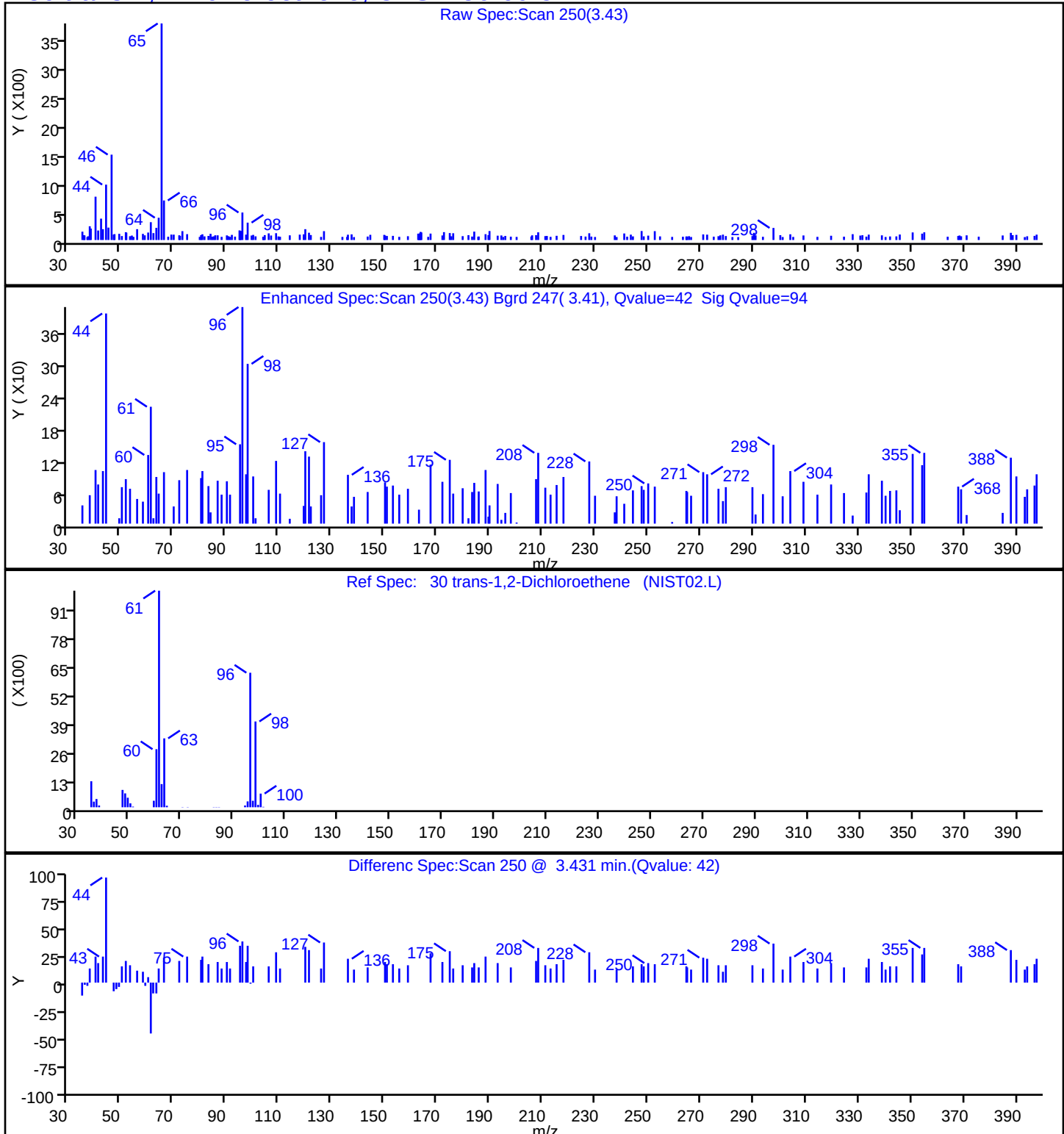
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89854.D

Injection Date: 14-Dec-2019 20:10:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-12

Lab Sample ID: 460-198386-12

Client ID: FSMW2A-120519

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: 8260624W6

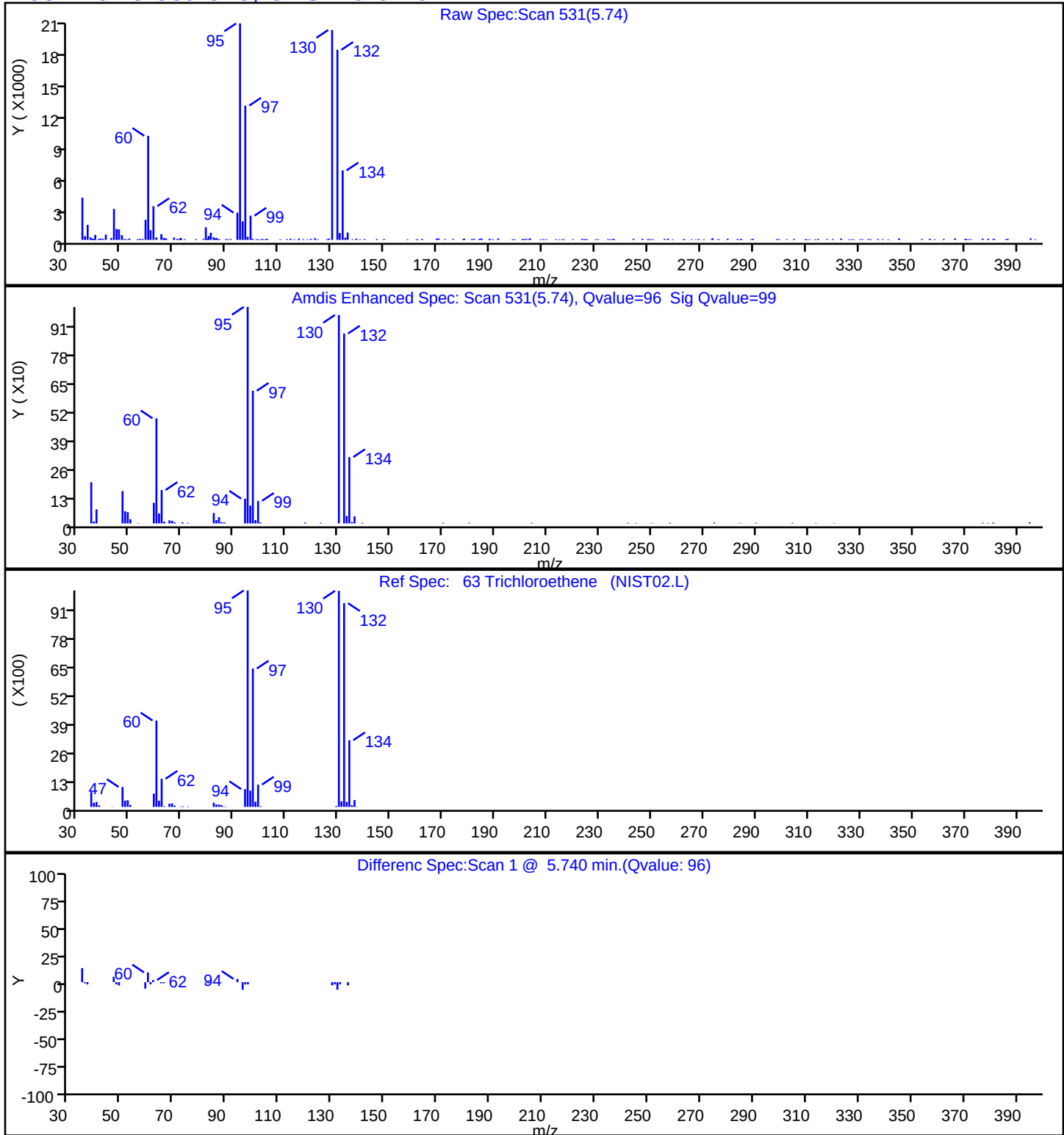
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89854.D

Injection Date: 14-Dec-2019 20:10:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-12

Lab Sample ID: 460-198386-12

Client ID: FSMW2A-120519

Operator ID:

ALS Bottle#:

27

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor:

2.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

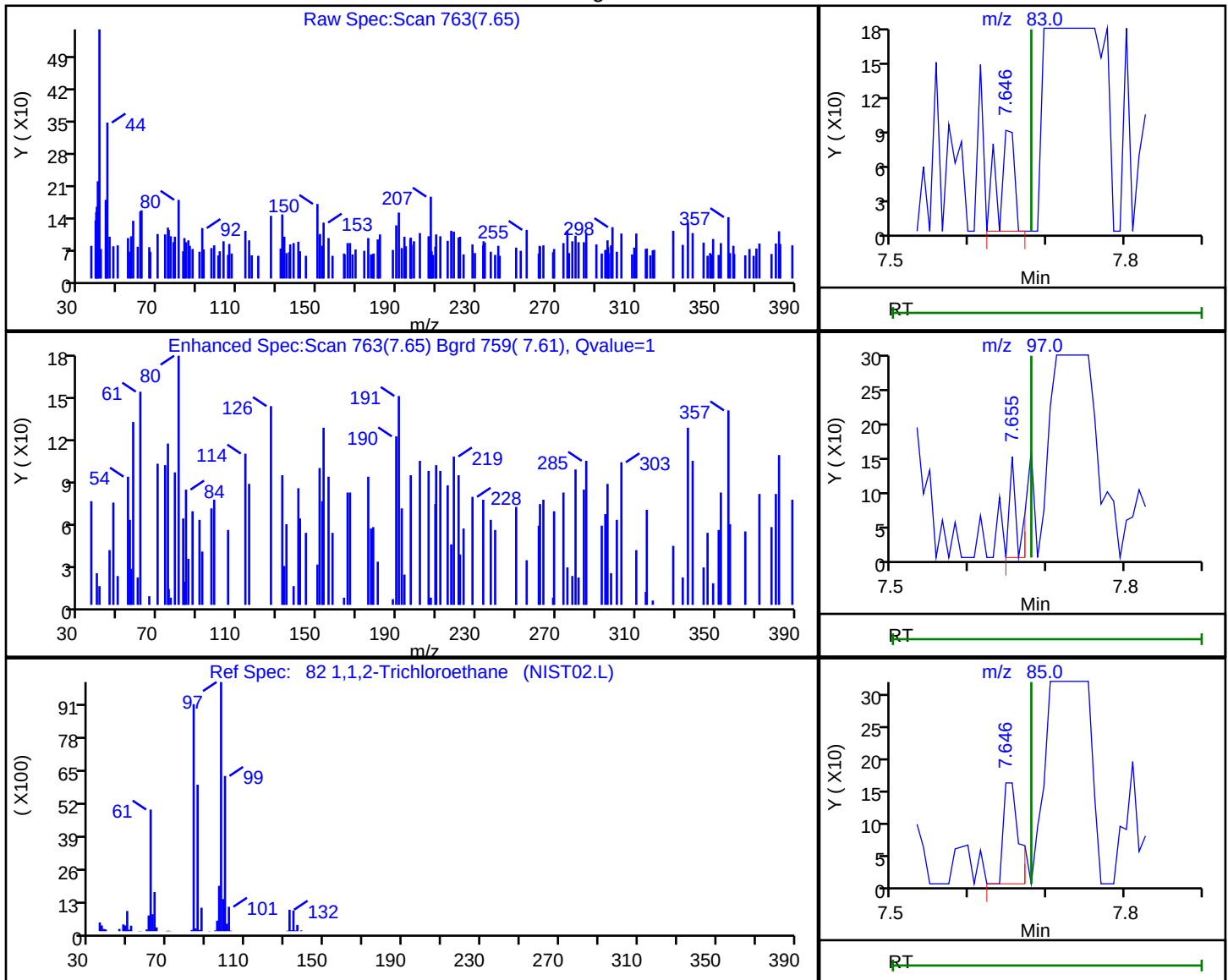
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.65	83.00	125	0.101236
7.65	97.00	106	
7.65	85.00	213	

Reviewer: boykink, 14-Dec-2019 21:17:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Client Sample ID: FSMW2B-120519 Lab Sample ID: 460-198386-13

Matrix: Water Lab File ID: F89853.D

Analysis Method: 8260C Date Collected: 12/05/2019 09:45

Sample wt/vol: 5(mL) Date Analyzed: 12/14/2019 19:45

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.: 662307 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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	3.0		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW2B-120519 Lab Sample ID: 460-198386-13
Matrix: Water Lab File ID: F89853.D
Analysis Method: 8260C Date Collected: 12/05/2019 09:45
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 19:45
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.: 662307 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)	103		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89853.D
 Lims ID: 460-198386-B-13
 Client ID: FSMW2B-120519
 Sample Type: Client
 Inject. Date: 14-Dec-2019 19:45:30 ALS Bottle#: 26 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-198386-B-13
 Misc. Info.: 460-0102782-024
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:19:55 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 21:17:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	178834	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	249272	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	95	91228	51.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	115581	49.5	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	338697	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	17538	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.047	-0.001	99	316526	51.2	
83 Tetrachloroethene	166	7.729	7.729	-0.001	92	5681	3.04	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	234594	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	92	102861	49.0	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	98	145787	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89853.D

Injection Date: 14-Dec-2019 19:45:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-B-13

Lab Sample ID: 460-198386-13

Worklist Smp#: 24

Client ID: FSMW2B-120519

Purge Vol: 5.000 mL

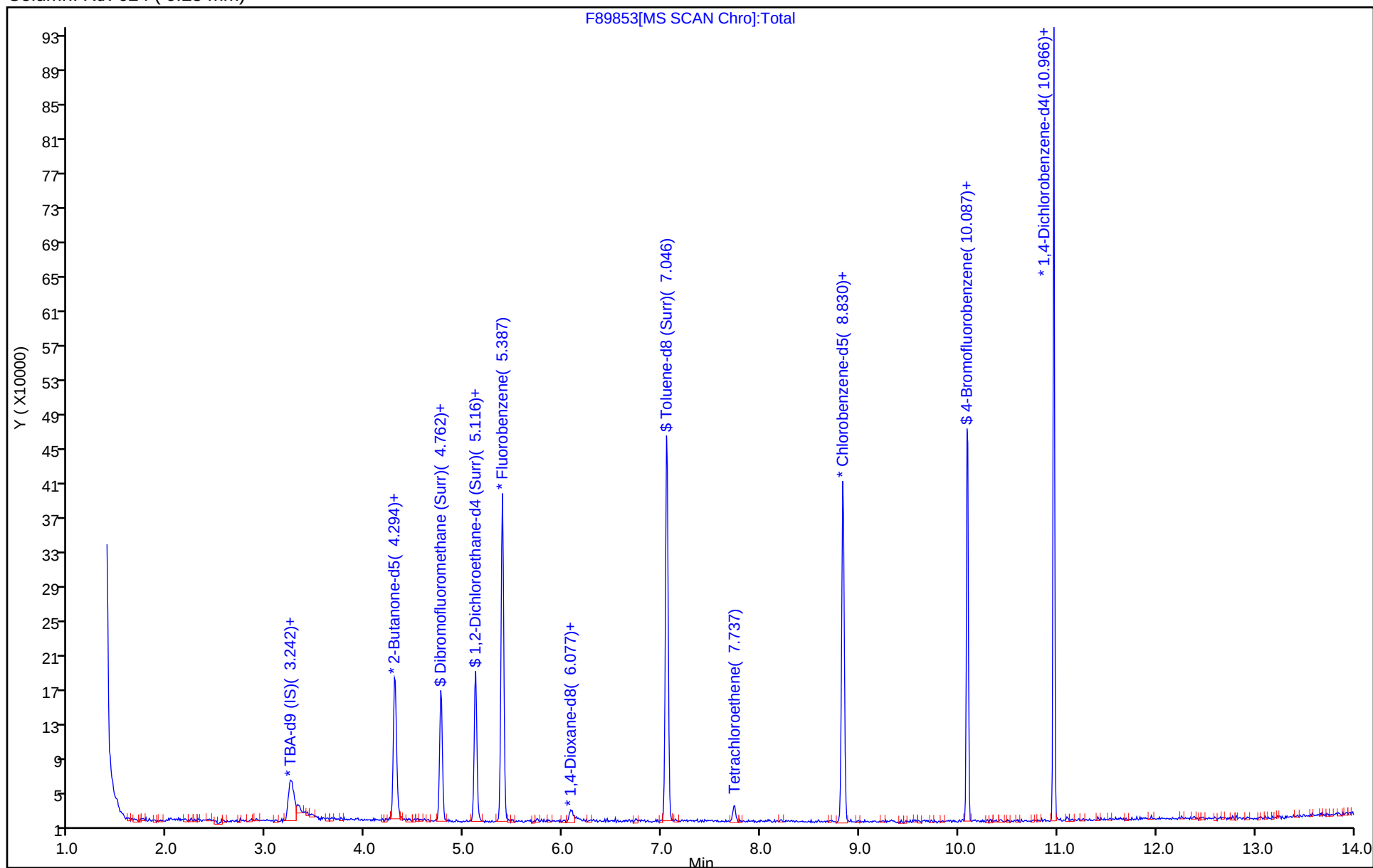
Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89853.D

Injection Date: 14-Dec-2019 19:45:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-13

Lab Sample ID: 460-198386-13

Client ID: FSMW2B-120519

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

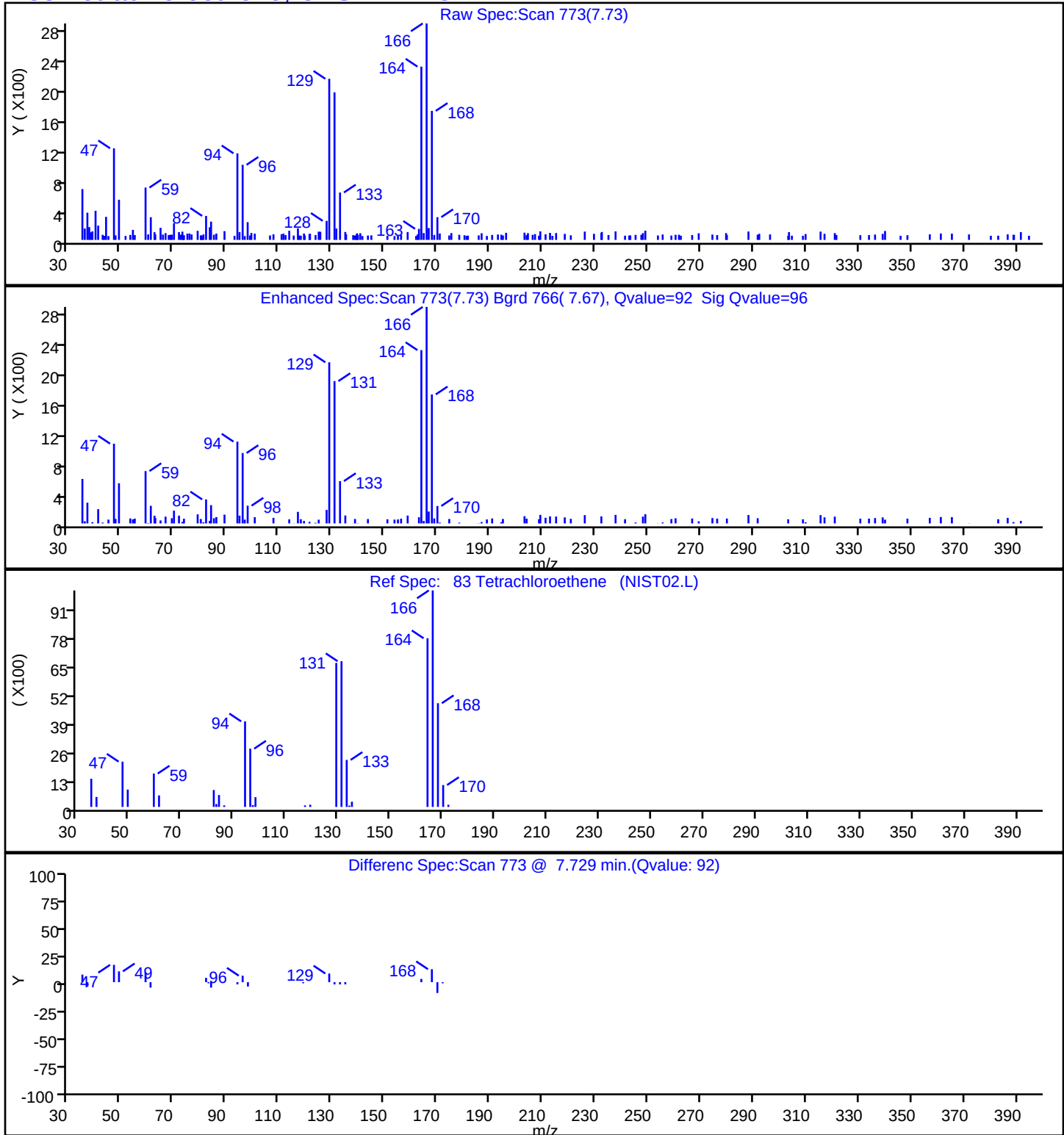
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89853.D

Injection Date: 14-Dec-2019 19:45:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-13

Lab Sample ID: 460-198386-13

Client ID: FSMW2B-120519

Operator ID:

ALS Bottle#:

26

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

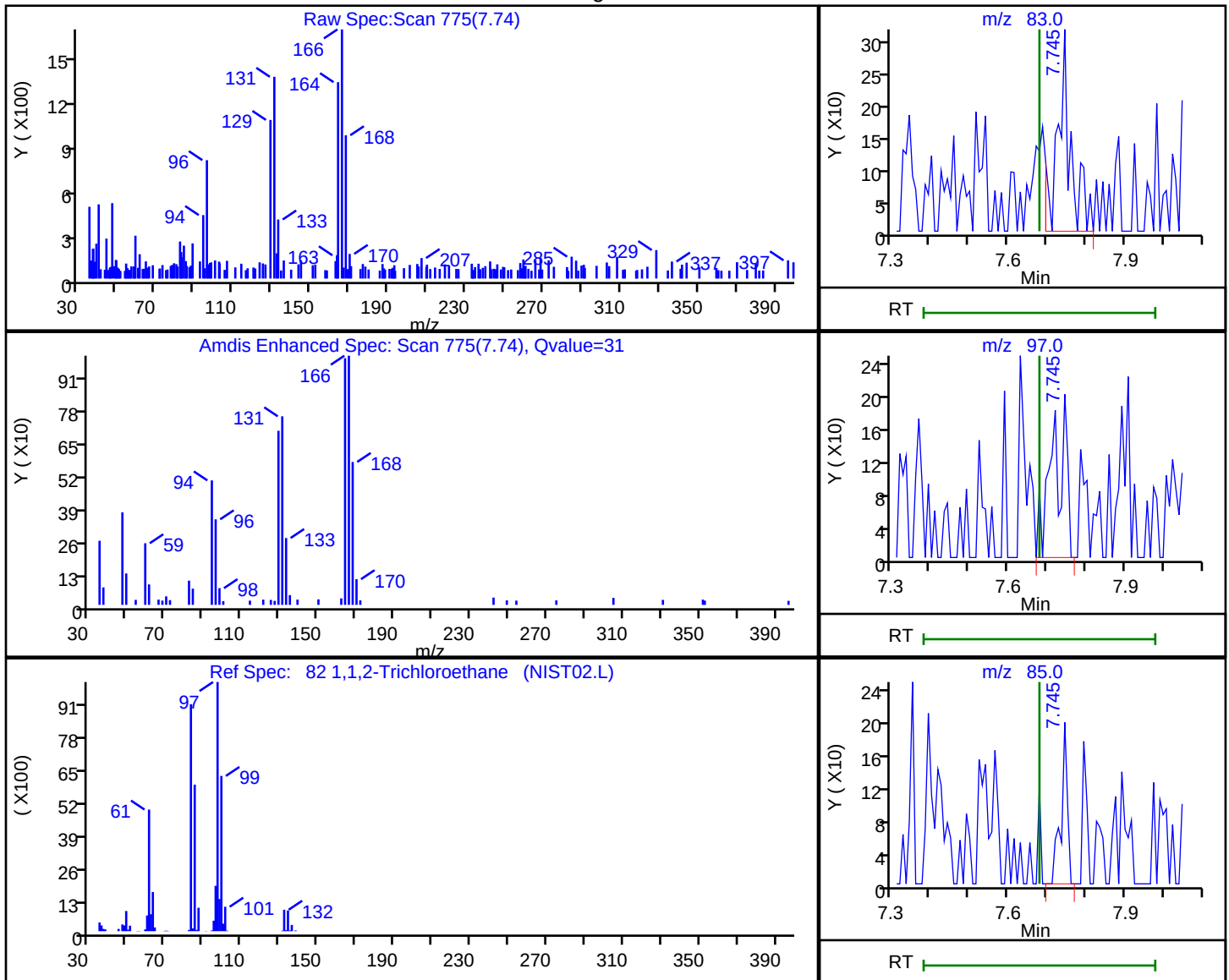
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.74	83.00	728	0.591760
7.74	97.00	493	
7.74	85.00	224	

Reviewer: boykink, 14-Dec-2019 20:23:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89853.D

Injection Date: 14-Dec-2019 19:45:30

Instrument ID: CVOAMS6

Lims ID: 460-198386-B-13

Lab Sample ID: 460-198386-13

Client ID: FSMW2B-120519

Operator ID:

ALS Bottle#:

26

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

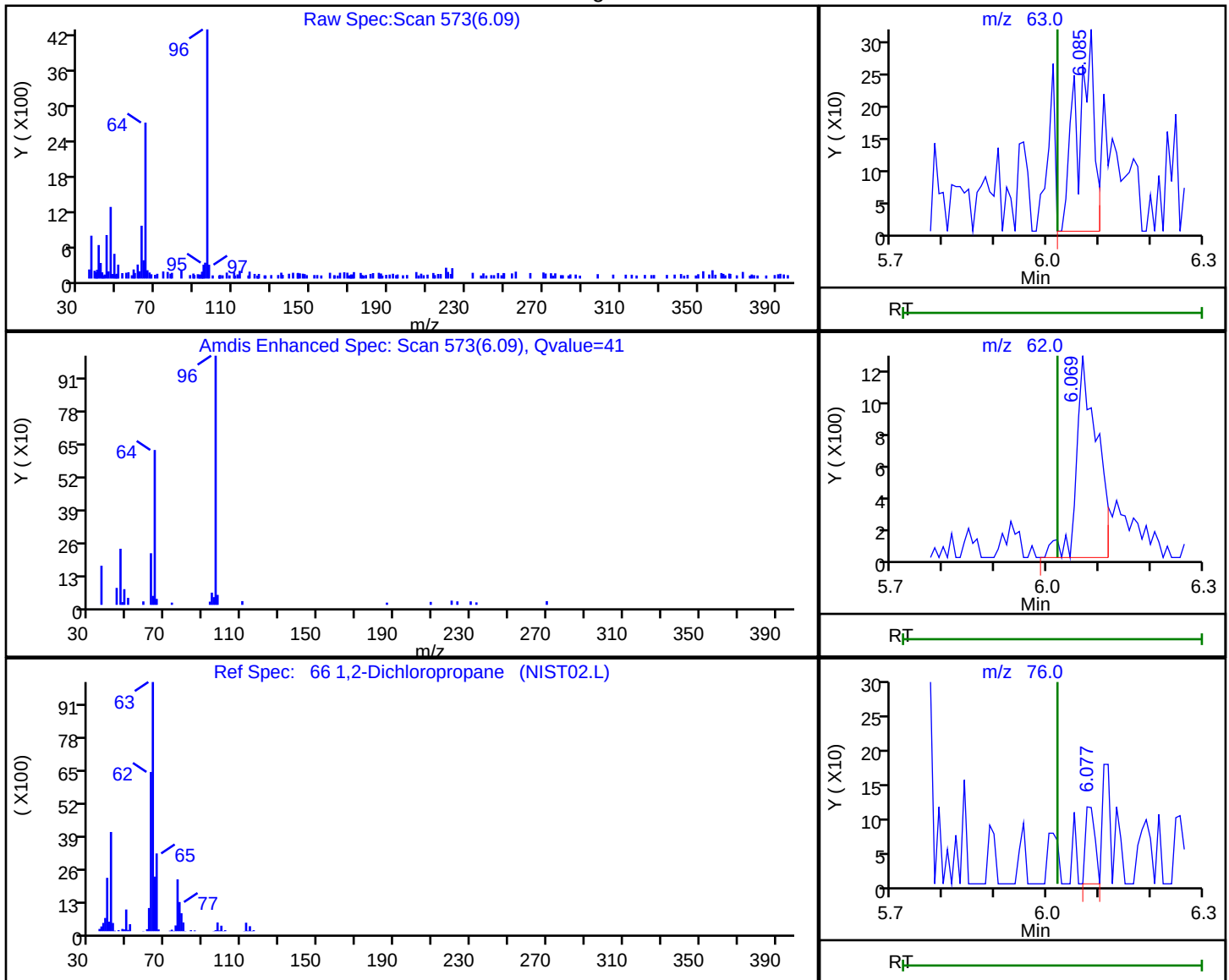
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.09	63.00	720	0.366812
6.07	62.00	3374	
6.08	76.00	143	
6.10	112.00	165	

Reviewer: boykink, 14-Dec-2019 20:23:03

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: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-659134/3	F89085.D
Level 2	STD1 460-659134/4	F89086.D
Level 3	STD5 460-659134/5	F89087.D
Level 4	STD20 460-659134/6	F89088.D
Level 5	STD50 460-659134/7	F89089.D
Level 6	STD200 460-659134/8	F89090.D
Level 7	STD500 460-659134/9	F89091.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 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.1180	0.1046 0.1094	0.1885	0.1692	0.1605	QuaF		0.1302	-0.000042						0.9980		0.9900
Dichlorodifluoromethane	+++++ 0.4556	0.4336 0.4165	0.5468	0.5679	0.5406	Ave		0.4935			0.1000	13.3		20.0			
Chloromethane	+++++ 0.4885	0.6435 0.4583	0.6545	0.5960	0.5622	Ave		0.5672			0.1000	14.2		20.0			
Butadiene	0.5886 0.4283	0.5338 0.4035	0.6018	0.5202	0.4866	Ave		0.5090				14.8		20.0			
Vinyl chloride	+++++ 0.4903	0.5017 0.4580	0.6328	0.5672	0.5498	Ave		0.5333			0.1000	11.8		20.0			
Bromomethane	+++++ 0.2895	0.4128 +++++	0.3999	0.3815	0.3460	Ave		0.3660			0.1000	13.6		20.0			
Chloroethane	+++++ 0.2760	0.3647 +++++	0.3701	0.3453	0.3185	Ave		0.3349			0.1000	11.5		20.0			
Dichlorofluoromethane	+++++ 0.6811	1.0983 +++++	0.9899	0.8543	0.8154	Ave		0.8878				18.1		20.0			
Trichlorofluoromethane	+++++ 0.5699	0.6617 0.4996	0.7468	0.6875	0.6611	Ave		0.6378			0.1000	13.9		20.0			
Pentane	+++++ 2.0898	1.5527 1.6835	3.2514	2.3832	2.1251	QuaF		2.3402	-0.000656						1.0000		0.9900
Ethyl ether	+++++ 0.2168	0.2592 0.2157	0.2760	0.2547	0.2454	Ave		0.2446				9.9		20.0			
Ethanol	+++++ 0.0445	0.0564 0.0451	0.0586	0.0548	0.0491	Ave		0.0514				11.7		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2812	0.2694 0.2899	0.3497	0.3038	0.2850	Ave		0.2965				9.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4147	0.3699 0.4210	0.5343	0.4595	0.4465	Ave		0.4410				12.5		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	++++ 1.4344	1.2981 1.3452	1.7610	1.5453	1.5224	Ave		1.4844				11.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2766	0.3319 0.2736	0.3982	0.3410	0.3315	Ave		0.3255			0.1000	14.2		20.0			
1,1-Dichloroethene	++++ 0.2645	0.3512 0.2674	0.3336	0.3174	0.3044	Ave		0.3064			0.1000	11.4		20.0			
Acetone	++++ 0.7006	1.0498 0.6318	0.8471	0.8655	0.8296	Ave		0.8207			0.0500	17.7		20.0			
Isopropyl alcohol	++++ 0.5438	0.4759 0.6213	0.7613	0.7225	0.6251	Ave		0.6250				17.1		20.0			
Iodomethane	++++ 0.4881	0.6724 0.4810	0.6273	0.6071	0.5694	Ave		0.5742				13.4		20.0			
Carbon disulfide	++++ 0.9903	1.2139 1.0030	1.3482	1.2762	1.2072	Ave		1.1731			0.1000	12.4		20.0			
Allyl chloride	++++ 0.5799	0.6345 0.5718	0.6871	0.6265	0.6059	Ave		0.6176				6.8		20.0			
Methyl acetate	++++ 0.2408	0.3541 0.2346	0.2578	0.2498	0.2341	Ave		0.2619			0.1000	17.6		20.0			
Cyclopentene	++++ 0.7320	0.8098 0.7286	0.8463	0.7615	0.7385	Ave		0.7695				6.3		20.0			
Acetonitrile	++++ 1.7310	1.1334 1.5591	1.4607	1.9738	1.4428	Ave		1.5501				18.4		20.0			
Methylene Chloride	++++ 0.3117	0.3809 0.3117	0.4134	0.3618	0.3449	Ave		0.3541			0.1000	11.3		20.0			
2-Methyl-2-propanol	++++ 0.8701	1.3154 0.9871	1.0922	1.0009	0.9104	Ave		1.0294				15.5		20.0			
Methyl tert-butyl ether	++++ 0.8247	0.8120 0.7835	1.0707	1.0063	0.9194	Ave		0.9028			0.1000	12.9		20.0			
trans-1,2-Dichloroethene	++++ 0.2731	0.3173 0.2662	0.3385	0.3025	0.2926	Ave		0.2984			0.1000	9.1		20.0			
Acrylonitrile	0.1016 0.1276	0.1268 0.1233	0.1392	0.1377	0.1278	Ave		0.1263				9.8		20.0			
Hexane	++++ 0.2565	0.4498 0.2436	0.3096	0.3189	0.2966	Lin2	0.1768	0.2749							0.9910		0.9900
Isopropyl ether	++++ 0.9862	0.9980 0.9380	1.1283	1.0841	1.0362	Ave		1.0285				6.7		20.0			
1,1-Dichloroethane	++++ 0.5194	0.6394 0.5043	0.5989	0.5684	0.5479	Ave		0.5630			0.2000	9.0		20.0			
Vinyl acetate	++++ 0.0677	0.0855 0.0648	0.0720	0.0712	0.0680	Ave		0.0715				10.3		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	++++ 0.2660	0.2726 0.2509	0.3042	0.2741	0.2627	Ave		0.2717				6.6		20.0			
Tert-butyl ethyl ether	++++ 0.9167	1.1195 0.8504	1.1004	1.0401	0.9811	Ave		1.0014				10.5		20.0			
2,2-Dichloropropane	++++ 0.0992	0.1450 0.0957	0.1275	0.1221	0.1117	Ave		0.1169				15.9		20.0			
cis-1,2-Dichloroethene	++++ 0.3068	0.3432 0.2906	0.3634	0.3277	0.3184	Ave		0.3250			0.1000	8.0		20.0			
2-Butanone (MEK)	++++ 0.2516	0.3683 0.2282	0.2982	0.2771	0.2685	Ave		0.2820			0.0500	17.2		20.0			
Ethyl acetate	++++ 0.2355	0.3582 0.2152	0.2770	0.2491	0.2444	Ave		0.2632				19.3		20.0			
Methyl acrylate	++++ 0.3712	0.4051 0.3495	0.4078	0.3817	0.3587	Ave		0.3790				6.3		20.0			
Propionitrile	++++ 1.6055	1.5416 1.3577	1.5375	1.5483	1.4067	Ave		1.4996				6.4		20.0			
Chlorobromomethane	++++ 0.1465	0.1822 0.1388	0.1838	0.1690	0.1542	Ave		0.1624				11.6		20.0			
Tetrahydrofuran	++++ 0.2943	0.6223 0.2618	0.3933	0.3278	0.3113	Qua2	0.6128	0.3185	-0.000059						0.9990		0.9900
Methacrylonitrile	++++ 0.1383	0.1247 0.1315	0.1362	0.1347	0.1313	Ave		0.1328				3.6		20.0			
Chloroform	++++ 0.5104	0.5625 0.4768	0.5586	0.5238	0.5090	Ave		0.5235			0.2000	6.2		20.0			
Cyclohexane	++++ 0.4645	0.4648 0.4552	0.5645	0.5262	0.5212	Ave		0.4994			0.1000	8.9		20.0			
1,1,1-Trichloroethane	++++ 0.4622	0.5321 0.4562	0.5435	0.4940	0.4925	Ave		0.4967			0.1000	7.1		20.0			
Carbon tetrachloride	++++ 0.3867	0.4629 0.3830	0.4436	0.4263	0.4111	Ave		0.4190			0.1000	7.5		20.0			
1,1-Dichloropropene	++++ 0.3737	0.4159 0.3670	0.4292	0.3985	0.3825	Ave		0.3945				6.2		20.0			
Isobutyl alcohol	++++ 0.4157	0.6074 0.3706	0.4781	0.4207	0.3985	Ave		0.4485				19.1		20.0			
Benzene	++++ 1.6298	1.5935 1.5097	1.5992	1.5185	1.4942	Ave		1.5575			0.5000	3.6		20.0			
Isopropyl acetate	++++ 1.0053	0.9271 0.9402	1.0133	1.0547	0.9756	Ave		0.9860				4.9		20.0			
Tert-amyl methyl ether	++++ 0.8979	0.9335 0.8641	0.9611	0.9710	0.9352	Ave		0.9272				4.3		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	++++ 0.4101	0.4955 0.4053	0.4441	0.4136	0.4058	Ave		0.4291			0.1000	8.3		20.0			
n-Heptane	++++ 0.2202	0.3678 0.2078	0.2947	0.2340	0.2364	Lin2	0.1458	0.2291							0.9920		0.9900
n-Butanol	++++ 0.2593	0.3389 0.2491	0.2726	0.2746	0.2628	Ave		0.2762				11.6		20.0			
Trichloroethene	++++ 0.2645	0.3626 0.2660	0.3000	0.2668	0.2642	Ave		0.2874			0.2000	13.7		20.0			
Ethyl acrylate	++++ 0.7605	0.8675 0.8053	0.9149	0.8497	0.8216	Ave		0.8366				6.4		20.0			
Methylcyclohexane	++++ 0.5184	0.5991 0.5146	0.6215	0.5831	0.5545	Ave		0.5652			0.1000	7.7		20.0			
1,2-Dichloropropane	++++ 0.2785	0.3198 0.2767	0.2985	0.2877	0.2774	Ave		0.2898			0.1000	5.8		20.0			
Methyl methacrylate	++++ 0.0796	0.0994 0.0805	0.0870	0.0833	0.0809	Ave		0.0851				8.8		20.0			
1,4-Dioxane	++++ 0.9495	1.4332 ++++	1.4864	1.1921	1.2608	Ave		1.2644				16.9		20.0			
Dibromomethane	++++ 0.1758	0.1983 0.1748	0.1702	0.1816	0.1715	Ave		0.1787				5.8		20.0			
n-Propyl acetate	++++ 0.4233	0.6006 0.4380	0.4766	0.4674	0.4388	Ave		0.4741				13.7		20.0			
Bromodichloromethane	++++ 0.3619	0.4298 0.3667	0.3891	0.3718	0.3486	Ave		0.3780			0.2000	7.6		20.0			
2-Nitropropane	++++ 0.0967	0.1555 0.0998	0.1425	0.1121	0.1011	QuaF		0.0960	0.0000038						1.0000		0.9900
2-Chloroethyl vinyl ether	++++ 0.1605	0.2181 0.1706	0.1990	0.1798	0.1739	Ave		0.1837				11.5		20.0			
Epichlorohydrin	0.4040 0.2038	0.2410 0.2018	0.2368	0.2403	0.2307	Lin2	0.9136	0.2168							0.9940		0.9900
cis-1,3-Dichloropropene	++++ 0.6373	0.6107 0.6248	0.6561	0.5910	0.5902	Ave		0.6183			0.2000	4.2		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.3505	2.3986 2.1373	2.5656	2.4445	2.4647	Ave		2.3935			0.0500	6.0		20.0			
Toluene	++++ 1.6563	1.7643 1.5593	1.6840	1.5789	1.5382	Ave		1.6301			0.4000	5.3		20.0			
trans-1,3-Dichloropropene	++++ 0.5446	0.6197 0.5403	0.6106	0.5933	0.5690	Ave		0.5796			0.1000	5.8		20.0			
Ethyl methacrylate	++++ 0.5411	0.6201 0.5190	0.5386	0.5500	0.5283	Ave		0.5495				6.6		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloroethane	++++ 0.2637	0.2376 0.2582	0.2625	0.2855	0.2657	Ave		0.2622			0.1000	5.9		20.0			
Tetrachloroethene	++++ 0.3969	0.4143 0.3703	0.4287	0.3983	0.3792	Ave		0.3980			0.2000	5.4		20.0			
1,3-Dichloropropane	++++ 0.5435	0.5899 0.5328	0.6018	0.5675	0.5566	Ave		0.5654				4.7		20.0			
2-Hexanone	++++ 1.3807	2.0126 1.3023	1.6573	1.6255	1.6105	Ave		1.5981			0.0500	15.6		20.0			
n-Butyl acetate	++++ 0.6723	0.7830 0.6402	0.7088	0.6917	0.6738	Ave		0.6950				7.0		20.0			
Chlorodibromomethane	++++ 0.3636	0.4506 0.3524	0.3801	0.3517	0.3476	Ave		0.3743			0.1000	10.5		20.0			
Ethylene Dibromide	++++ 0.3138	0.4398 0.3038	0.3435	0.3437	0.3335	Ave		0.3463			0.1000	14.0		20.0			
Chlorobenzene	++++ 1.0163	1.1786 0.9748	1.0829	1.0249	0.9779	Ave		1.0426			0.5000	7.4		20.0			
Ethylbenzene	++++ 0.5777	0.5575 0.5508	0.6050	0.5665	0.5503	Ave		0.5680			0.1000	3.7		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4170	0.4634 0.3925	0.4440	0.3947	0.3941	Ave		0.4176				7.2		20.0			
m-Xylene & p-Xylene	++++ 0.7122	0.6638 0.6792	0.7883	0.6938	0.6785	Ave		0.7026			0.1000	6.4		20.0			
n-Butyl acrylate	++++ 0.3362	0.3698 0.3179	0.3555	0.3503	0.3451	Ave		0.3458				5.1		20.0			
o-Xylene	++++ 0.7567	0.7765 0.7023	0.7620	0.7081	0.7002	Ave		0.7343			0.3000	4.7		20.0			
Styrene	++++ 1.2555	1.2035 1.1767	1.2224	1.1881	1.1625	Ave		1.2014			0.3000	2.8		20.0			
Amyl acetate (mixed isomers)	++++ 1.4933	1.7990 1.4464	1.5449	1.5065	1.4626	Ave		1.5421				8.5		20.0			
Bromoform	++++ 0.2737	0.2811 0.2611	0.2865	0.2773	0.2732	Ave		0.2755			0.1000	3.1		20.0			
Isopropylbenzene	++++ 2.0748	1.8174 1.9299	1.9756	1.9058	1.8741	Ave		1.9296			0.1000	4.6		20.0			
Bromobenzene	++++ 0.7386	0.8065 0.7149	0.7956	0.7629	0.7308	Ave		0.7582				4.8		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7727	0.9445 0.7557	0.7457	0.8097	0.7334	Ave		0.7936			0.3000	9.9		20.0			
N-Propylbenzene	++++ 3.8841	3.8985 3.7829	3.9390	3.8119	3.6479	Ave		3.8274				2.7		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	++++ 0.2340	0.3586 0.2263	0.2720	0.2408	0.2274	Ave		0.2599				19.7		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2676	0.2611 0.2647	0.2384	0.2823	0.2643	Ave		0.2631				5.4		20.0			
2-Chlorotoluene	++++ 2.7252	2.6520 2.6363	2.7153	2.5687	2.4685	Ave		2.6277				3.7		20.0			
4-Ethyltoluene	++++ 3.3480	2.9255 3.1685	3.3359	3.2023	3.0702	Ave		3.1751				5.1		20.0			
1,3,5-Trimethylbenzene	++++ 2.9523	2.5061 2.8920	2.6983	2.7493	2.6714	Ave		2.7449				5.9		20.0			
4-Chlorotoluene	++++ 2.3938	2.4086 2.3568	2.4176	2.3212	2.2551	Ave		2.3589				2.6		20.0			
Butyl Methacrylate	++++ 1.0998	0.9840 1.0358	1.0298	1.0552	1.0429	Ave		1.0412				3.6		20.0			
tert-Butylbenzene	++++ 2.4722	1.9807 2.4149	2.1102	2.1826	2.1060	Ave		2.2111				8.7		20.0			
1,2,4-Trimethylbenzene	++++ 3.0744	2.7486 2.9220	2.8903	2.9062	2.7917	Ave		2.8889				3.9		20.0			
sec-Butylbenzene	++++ 3.8215	3.3525 3.6468	3.5201	3.5312	3.4398	Ave		3.5520				4.6		20.0			
1,3-Dichlorobenzene	++++ 1.5628	1.7664 1.3593	1.6105	1.5828	1.5414	Ave		1.5705			0.6000	8.3		20.0			
4-Isopropyltoluene	++++ 3.3641	2.9758 3.0894	3.1661	3.1272	3.0741	Ave		3.1328				4.2		20.0			
1,4-Dichlorobenzene	++++ 1.5887	1.6936 1.4638	1.6921	1.6538	1.5958	Ave		1.6147			0.5000	5.4		20.0			
1,2,3-Trimethylbenzene	++++ 3.2801	2.7030 3.0787	2.9814	3.0206	3.0418	Ave		3.0176				6.2		20.0			
Benzyl chloride	++++ 1.9343	2.0263 1.8550	1.9799	2.0149	1.9149	Ave		1.9542				3.3		20.0			
Indan	++++ 3.0492	2.8312 2.8072	3.0013	2.9797	2.9476	Ave		2.9360				3.3		20.0			
p-Diethylbenzene	++++ 1.8579	1.6819 1.7037	1.7978	1.8686	1.7912	Ave		1.7835				4.3		20.0			
n-Butylbenzene	++++ 1.7889	1.5762 1.6267	1.7167	1.7089	1.7199	Ave		1.6896				4.5		20.0			
1,2-Dichlorobenzene	++++ 1.6493	1.5259 1.5010	1.6871	1.6895	1.6571	Ave		1.6183			0.4000	5.1		20.0			
1,2,4,5-Tetramethylbenzene	++++ 3.2569	3.3031 3.0181	3.2169	3.2383	3.1509	Ave		3.1974				3.2		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	++++ 0.1908	0.2510 0.1853	0.2101	0.1972	0.1964	Ave		0.2051			0.0500	11.7		20.0			
1,3,5-Trichlorobenzene	++++ 1.3889	1.3623 1.2474	1.4582	1.4244	1.3620	Ave		1.3739				5.3		20.0			
1,2,4-Trichlorobenzene	++++ 1.2316	1.2125 1.1313	1.3675	1.3428	1.2436	Ave		1.2549			0.2000	7.0		20.0			
Hexachlorobutadiene	++++ 0.5529	0.5966 0.5118	0.6086	0.5830	0.5584	Ave		0.5685				6.2		20.0			
Naphthalene	++++ 2.7549	2.8752 2.6220	2.7829	2.9672	2.8621	Ave		2.8107				4.2		20.0			
1,2,3-Trichlorobenzene	++++ 1.0762	1.1936 1.0087	1.1348	1.1518	1.1078	Ave		1.1121				5.8		20.0			
Dibromofluoromethane (Surr)	0.2617 0.2577	0.2564 0.2595	0.2647	0.2630	0.2635	Ave		0.2609				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3287 0.3663	0.3194 0.3967	0.3247	0.3385	0.3379	Ave		0.3446				8.0		20.0			
Toluene-d8 (Surr)	1.3181 1.3968	1.2972 1.3260	1.3011	1.2981	1.2908	Ave		1.3183				2.8		20.0			
4-Bromofluorobenzene	0.4487 0.4362	0.4546 0.4255	0.4516	0.4558	0.4566	Ave		0.4470				2.6		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: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-659134/3	F89085.D
Level 2	STD1 460-659134/4	F89086.D
Level 3	STD5 460-659134/5	F89087.D
Level 4	STD20 460-659134/6	F89088.D
Level 5	STD50 460-659134/7	F89089.D
Level 6	STD200 460-659134/8	F89090.D
Level 7	STD500 460-659134/9	F89091.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 216043	715 556544	6617	23855	59660	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 833907	2963 2119154	19196	80077	201006	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 894163	4397 2331982	22977	84044	209031	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1096 783821	3648 2052702	21127	73358	180905	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 897316	3428 2330326	22214	79982	204414	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 529831	2821 +++++	14039	53804	128647	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 505175	2492 +++++	12992	48689	118426	+++++ 200	1.00 +++++	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1246570	7505 +++++	34750	120470	303173	+++++ 200	1.00 +++++	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1043092	4522 2542062	26218	96945	245801	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	QuaF	+++++ 234536	674 612448	7305	22485	53867	+++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	+++++ 396784	1771 1097503	9688	35922	91228	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	+++++ 99888	490 327860	2631	10339	24900	+++++ 8000	40.0 20000	200	800	2000
2-Methyl-1,3-butadiene	FB	Ave	+++++ 514677	1841 1474931	12277	42842	105951	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 759023	2528 2142028	18757	64801	165999	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	+++++ 80491	1127 195750	7913	14579	38591	+++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 506236	2268 1392162	13978	48083	123236	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 484028	2400 1360507	11712	44755	113176	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 904602	4740 2480701	19835	83347	205979	++++ 1000	5.00 2500	25.0	100	250
Isopropyl alcohol	TBAd 9	Ave	++++ 305156	1033 1130245	8552	34083	79228	++++ 2000	10.0 5000	50.0	200	500
Iodomethane	FB	Ave	++++ 893273	4595 2447059	22021	85617	211685	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 1812570	8295 5103268	47327	179969	448838	++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	++++ 1061303	4336 2909080	24120	88343	225253	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 881416	4840 2386813	18097	70452	174061	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1339754	5534 3707199	29709	107378	274578	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 971388	2460 2836068	16409	93110	182863	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 570476	2603 1585708	14511	51024	128235	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 488283	2855 1795632	12269	47215	115390	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1509337	5549 3986421	37587	141905	341841	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 499792	2168 1354185	11882	42662	108799	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1514 2334588	8666 6271810	48853	194162	475313	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Lin2	++++ 469504	3074 1239276	10870	44966	110282	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1804977	6820 4772626	39610	152882	385245	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 950643	4369 2565591	21026	80151	203709	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 247736	1169 659162	5058	20068	50571	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 486893	1863 1276329	10678	38651	97674	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1677758	7650 4326795	38628	146677	364762	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	++++ 181484	991 486937	4475	17213	41538	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 561527	2345 1478544	12756	46207	118389	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 324829	1663 895908	6983	26684	66673	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 121626	647 337948	2594	9596	24277	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	CBNZ d5	Ave	++++ 475730	2113 1325579	10787	40469	99184	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 900933	3346 2469661	17272	73039	178286	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 268170	1245 706446	6452	23835	57331	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Qua2	++++ 152012	1124 411180	3684	12627	30922	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 2532012	8524 6691893	47815	190007	488001	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 934229	3844 2425636	19608	73859	189226	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 850091	3176 2315853	19817	74198	193777	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 845904	3636 2321259	19078	69666	183103	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 707828	3163 1948871	15573	60121	152845	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 684045	2842 1867233	15068	56196	142194	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 583131	3296 1685275	13428	49609	126266	++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	++++ 2088695	8311 5726461	42299	161001	413204	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1839960	6335 4783664	35571	148726	362712	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 1643469	6379 4396391	33740	136930	347715	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 750673	3386 2062122	15590	58327	150870	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Lin2	++++ 402971	2513 1057399	10346	32994	87903	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 363813	1839 1132712	7655	32390	83266	++++ 5000	25.0 12500	125	500	1250

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	++++ 484155	2478 1353237	10532	37619	98228	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1391908	5928 4097406	32116	119827	305475	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 948795	4094 2617991	21819	82227	206159	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 509713	2185 1407627	10480	40573	103150	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 291281	1358 818854	6110	23487	60189	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 90678	1413 ++++	2965	9563	24952	++++ 4000	50.0 ++++	100	400	1000
Dibromomethane	FB	Ave	++++ 321839	1355 889153	5975	25613	63773	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 774712	4104 2228314	16731	65912	163140	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 662364	2937 1865886	13659	52424	129615	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	QuaF	++++ 354129	2125 1016039	10004	31602	75208	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 294521	1494 870218	7004	25411	64827	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Lin2	1920 1052466	4353 3169347	22183	92575	229144	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 816692	3185 2369939	17354	62656	163209	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 3034817	10830 8392182	60072	235405	611964	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2122559	9202 5914339	44542	167408	425371	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 697921	3232 2049248	16151	62904	157353	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 693443	3234 1968718	14246	58311	146101	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 337937	1239 979346	6944	30275	73480	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 508585	2161 1404698	11338	42235	104869	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 696519	3077 2020756	15917	60171	153938	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 1782696	9087 5113482	38806	156535	399867	++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBNZ d5	Ave	++++ 861557	4084 2428223	18747	73335	186340	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 465983	2350 1336787	10054	37293	96118	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 402130	2294 1152329	9085	36438	92216	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1302423	6147 3697500	28644	108669	270432	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 740288	2908 2089284	16002	60063	152182	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 534460	2417 1488684	11744	41853	108990	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 912659	3462 2576144	20852	73558	187635	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 430823	1929 1205756	9404	37138	95449	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 969744	4050 2663716	20156	75082	193638	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1608949	6277 4463189	32334	125964	321487	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 1194189	5684 3326893	25385	97832	258395	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 350749	1466 990182	7577	29404	75555	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 2658993	9479 7320036	52254	202065	518281	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 590640	2548 1644473	13073	49540	129109	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 617890	2984 1738170	12254	52582	129559	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 3106078	12317 8701317	64726	247538	644459	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 187148	1133 520554	4470	15635	40175	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 214027	825 608915	3918	18333	46684	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 2179295	8379 6063817	44618	166807	436092	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 2677351	9243 7288131	54815	207955	542405	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2360926	7918 6652018	44339	178535	471944	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	++++ 1914331	7610 5421011	39726	150733	398399	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 879476	3109 2382600	16921	68521	184247	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1977036	6258 5554667	34675	141737	372062	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2458593	8684 6721067	47494	188721	493199	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3056019	10592 8388334	57842	229312	607700	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1249803	5581 3126515	26463	102786	272312	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2690255	9402 7106047	52026	203073	543086	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1270495	5351 3367071	27805	107397	281921	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2623062	8540 7081470	48990	196156	537382	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1546830	6402 4266715	32533	130845	338291	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2438439	8945 6456998	49317	193495	520729	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1485782	5314 3918827	29541	121345	316434	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1430568	4980 3741771	28208	110975	303852	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1318954	4821 3452598	27722	109715	292748	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2604501	10436 6942192	52860	210290	556657	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 152588	793 426269	3453	12805	34697	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1110682	4304 2869147	23961	92501	240626	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 984903	3831 2602194	22470	87197	219697	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 442127	1885 1177170	10000	37861	98646	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2203112	9084 6030937	45728	192682	505631	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 860661	3771 2320152	18647	74794	195716	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1 Analy Batch No.: 659134

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/29/2019 22:20 Calibration End Date: 11/30/2019 00:43 Calibration ID: 77632

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	97470 117917	87590 132011	92938	92733	97961	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	122410 167597	109121 201843	113969	119325	125645	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	367672 447513	338282 502949	344148	344076	356978	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	125154 139748	118558 161408	119440	120806	126275	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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 29-Nov-2019 22:20:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0102044-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Dec-2019 11:32:39 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: boykink

Date: 29-Nov-2019 22:37:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Butadiene	54	1.878	1.895	-0.017	56	1096	0.2500	0.2891	
* 26 TBA-d9 (IS)	65	3.234	3.234	0.000	0	232828	1000.0	1000.0	
31 Acrylonitrile	53	3.505	3.497	0.008	90	1514	2.00	1.61	
14 1,2-Dichloro-1,1,2-trifluo	117	3.579	3.513	0.066	1	526		NC	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	237617	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	97470	50.0	50.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.107	5.107	0.000	0	122410	50.0	47.7	
* 61 Fluorobenzene	96	5.379	5.387	-0.008	98	372410	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	22021	1000.0	1000.0	
75 Epichlorohydrin	57	6.734	6.742	-0.008	65	1920	5.00	5.10	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	99	367672	50.0	50.0	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	88	278935	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.095	-0.008	90	125154	50.0	50.2	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	169521	50.0	50.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00343	Amount Added: 2.50	Units: uL	
ACRY/EPIH MIX_00067	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00091	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00108	Amount Added: 0.00	Units: uL	
ACROLEIN W_00099	Amount Added: 0.00	Units: uL	
8FreonHi_00011	Amount Added: 0.00	Units: uL	
MIX I Hi_00119	Amount Added: 0.00	Units: uL	
524freon_00015	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00030	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

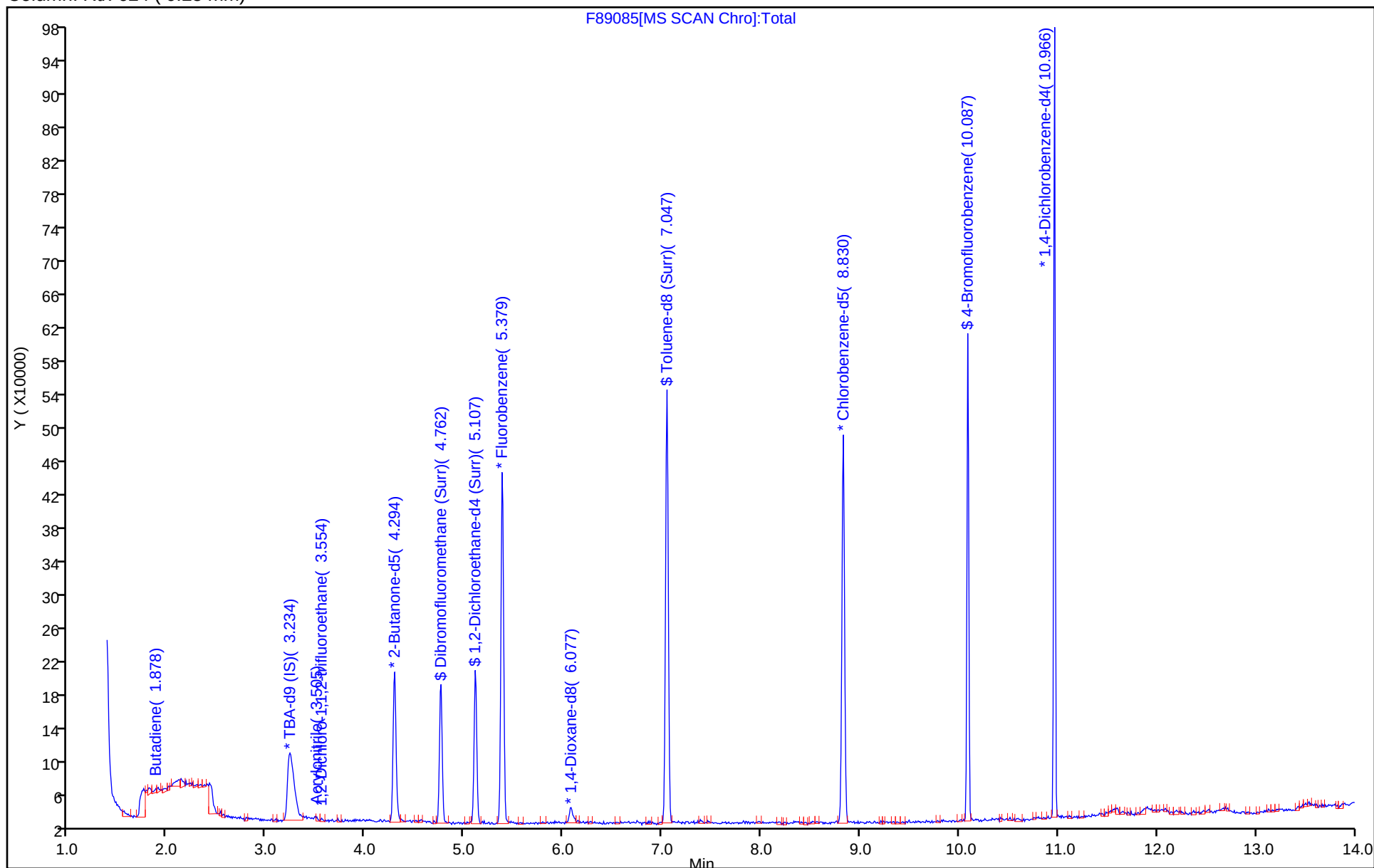
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

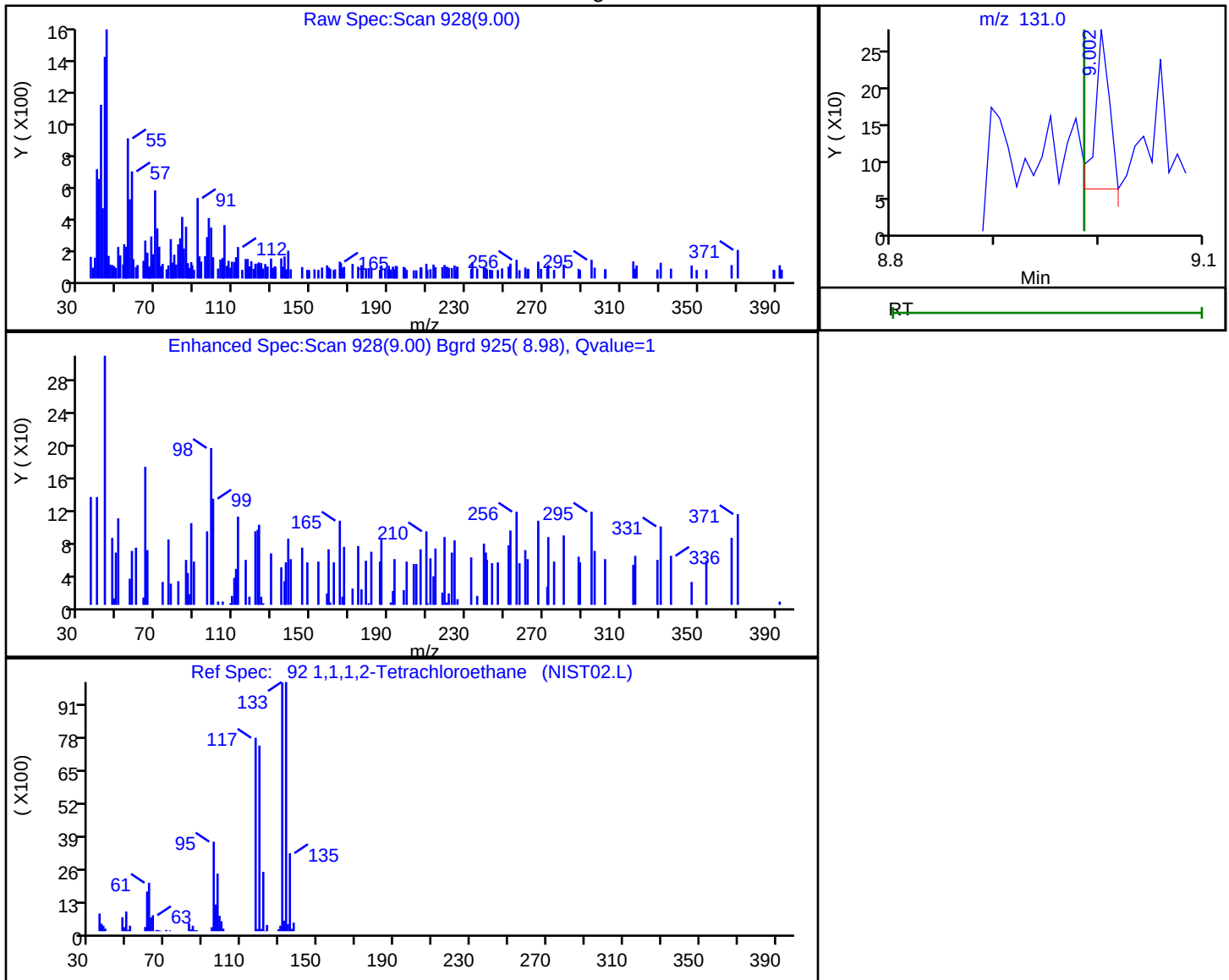
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
9.00	131.00	202	0.086701

Reviewer: pakanatir, 02-Dec-2019 10:48:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

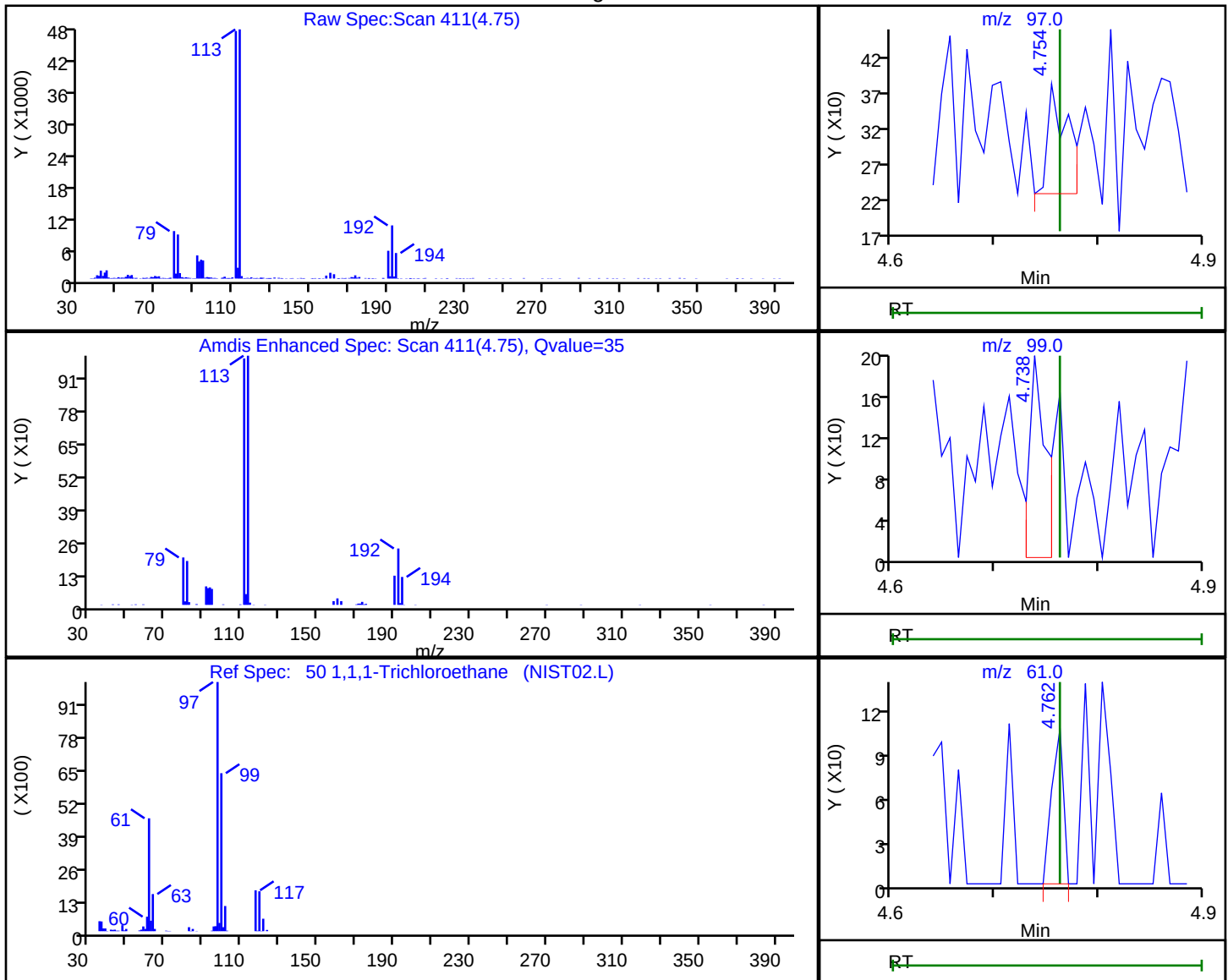
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
4.75	97.00	208	0.056218
4.74	99.00	229	
4.76	61.00	80	

Reviewer: pakanatir, 02-Dec-2019 10:47:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

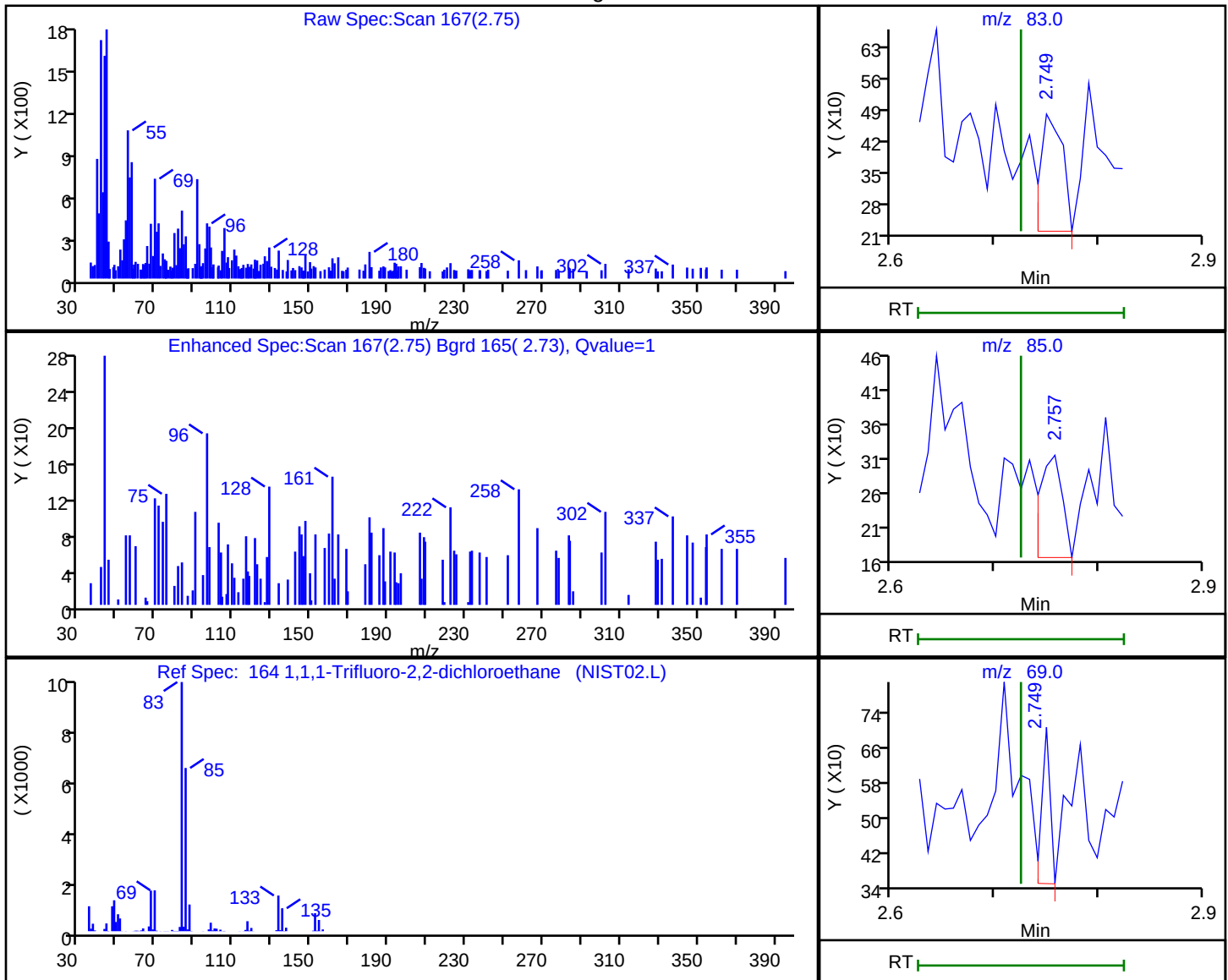
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.75	83.00	390	0.118735
2.76	85.00	224	
2.75	69.00	199	
2.74	67.00	169	

Reviewer: pakanatir, 02-Dec-2019 10:47:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

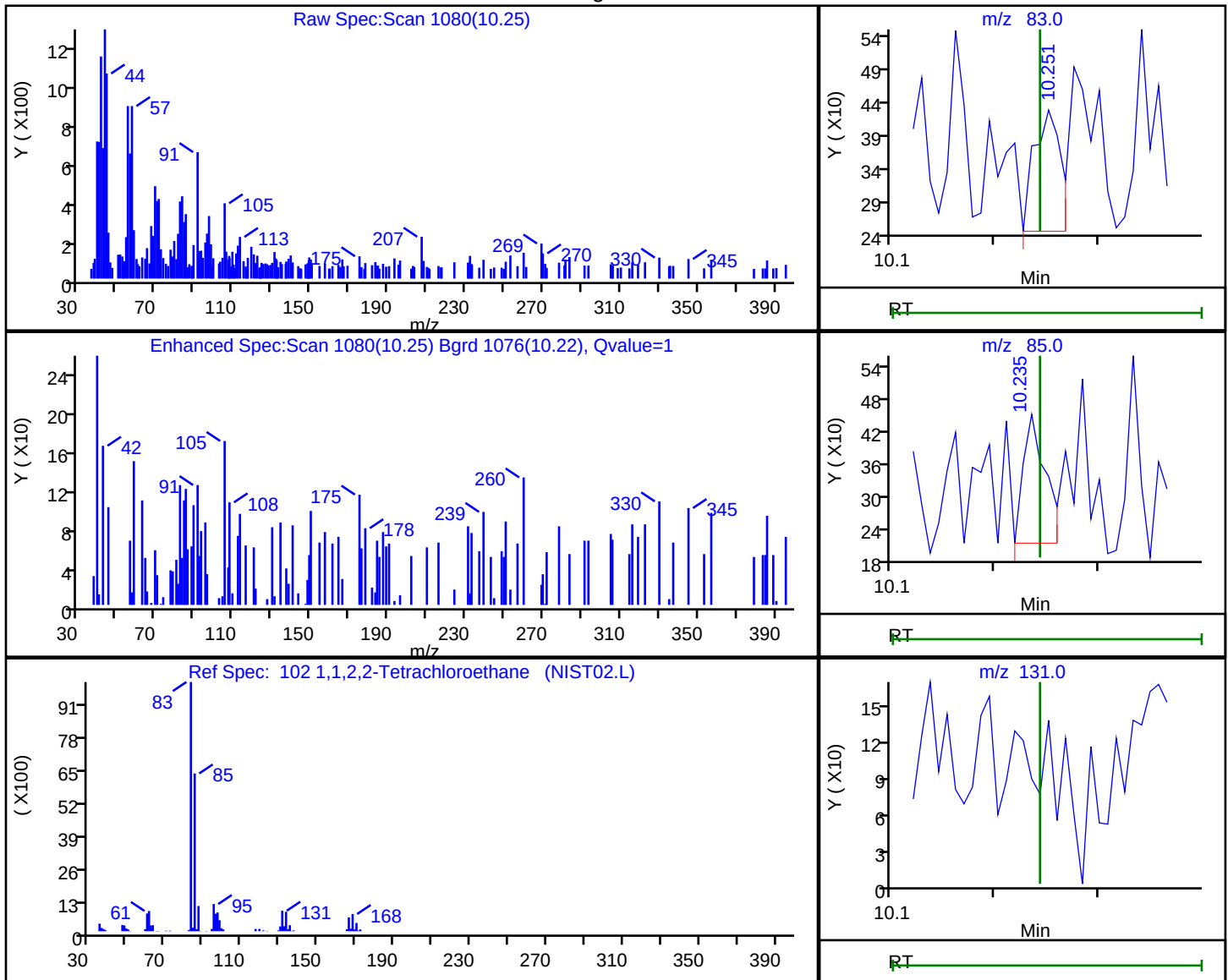
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

102 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.25	83.00	323	0.120046
10.23	85.00	351	
10.24	131.00	0	

Reviewer: pakanatir, 02-Dec-2019 10:48:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

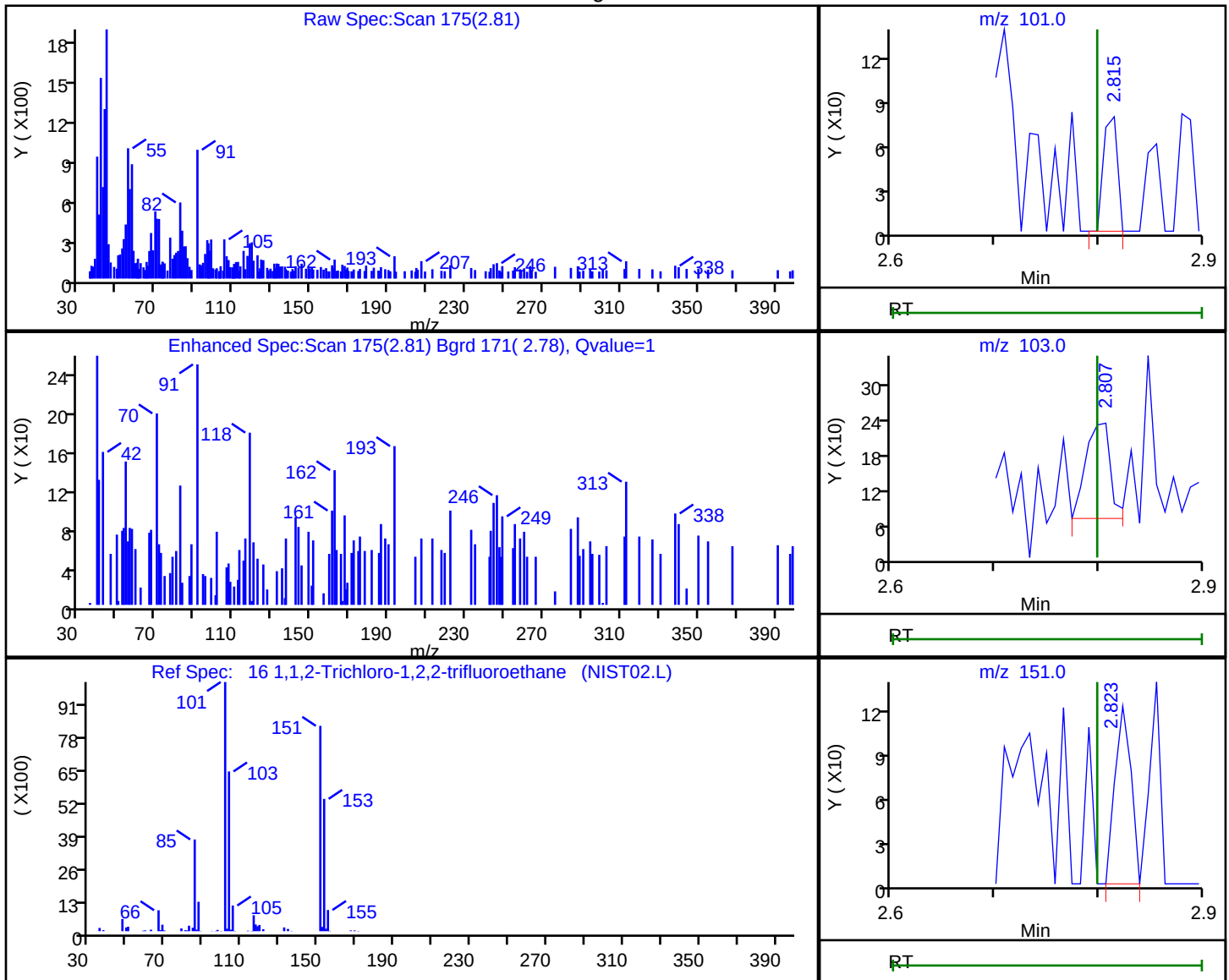
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.81	101.00	71	0.029290
2.81	103.00	267	
2.82	151.00	128	
2.81	85.00	330	

Reviewer: pakanatir, 02-Dec-2019 10:47:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

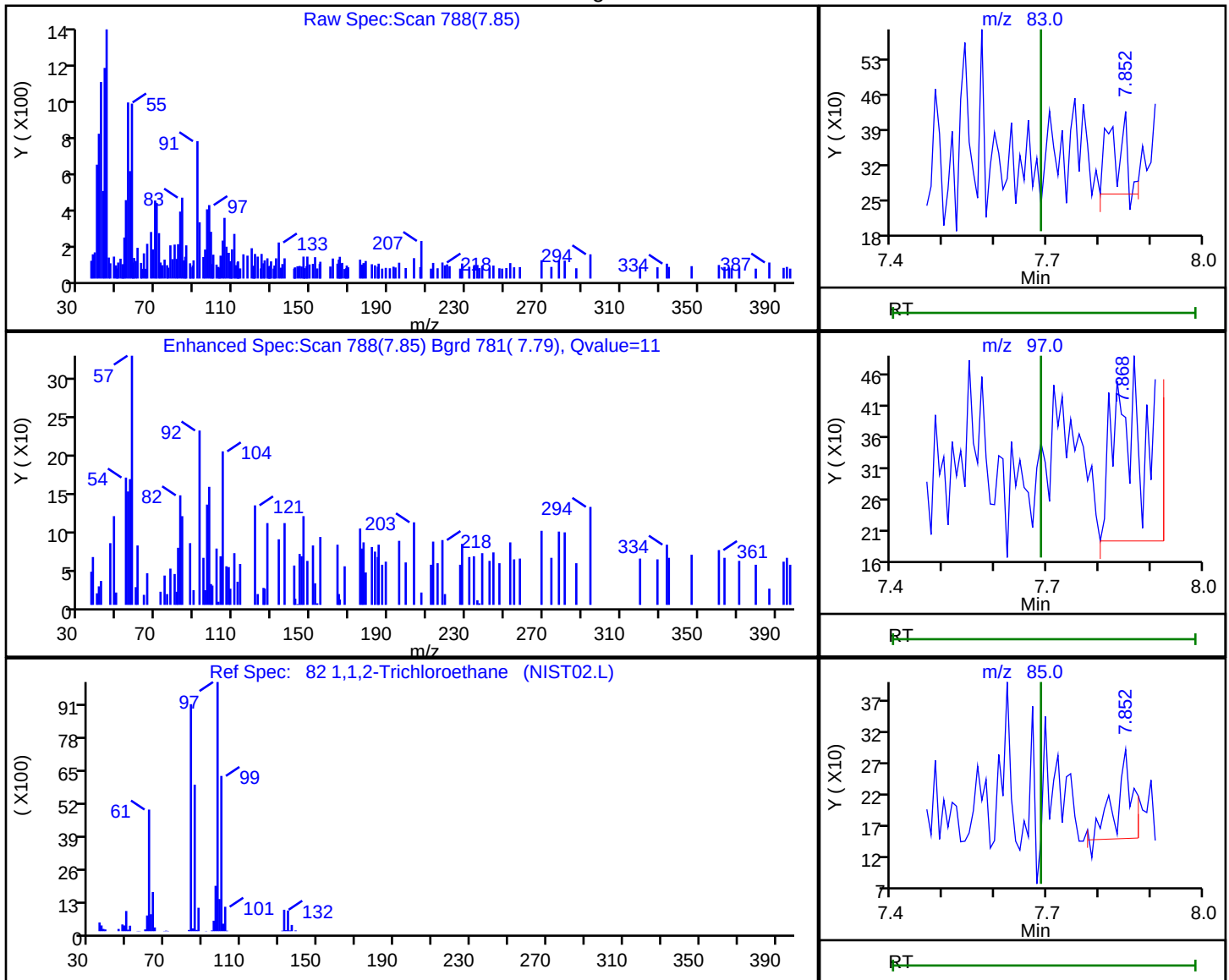
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.85	83.00	326	0.222867
7.87	97.00	1129	
7.85	85.00	309	

Reviewer: pakanatir, 02-Dec-2019 10:48:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

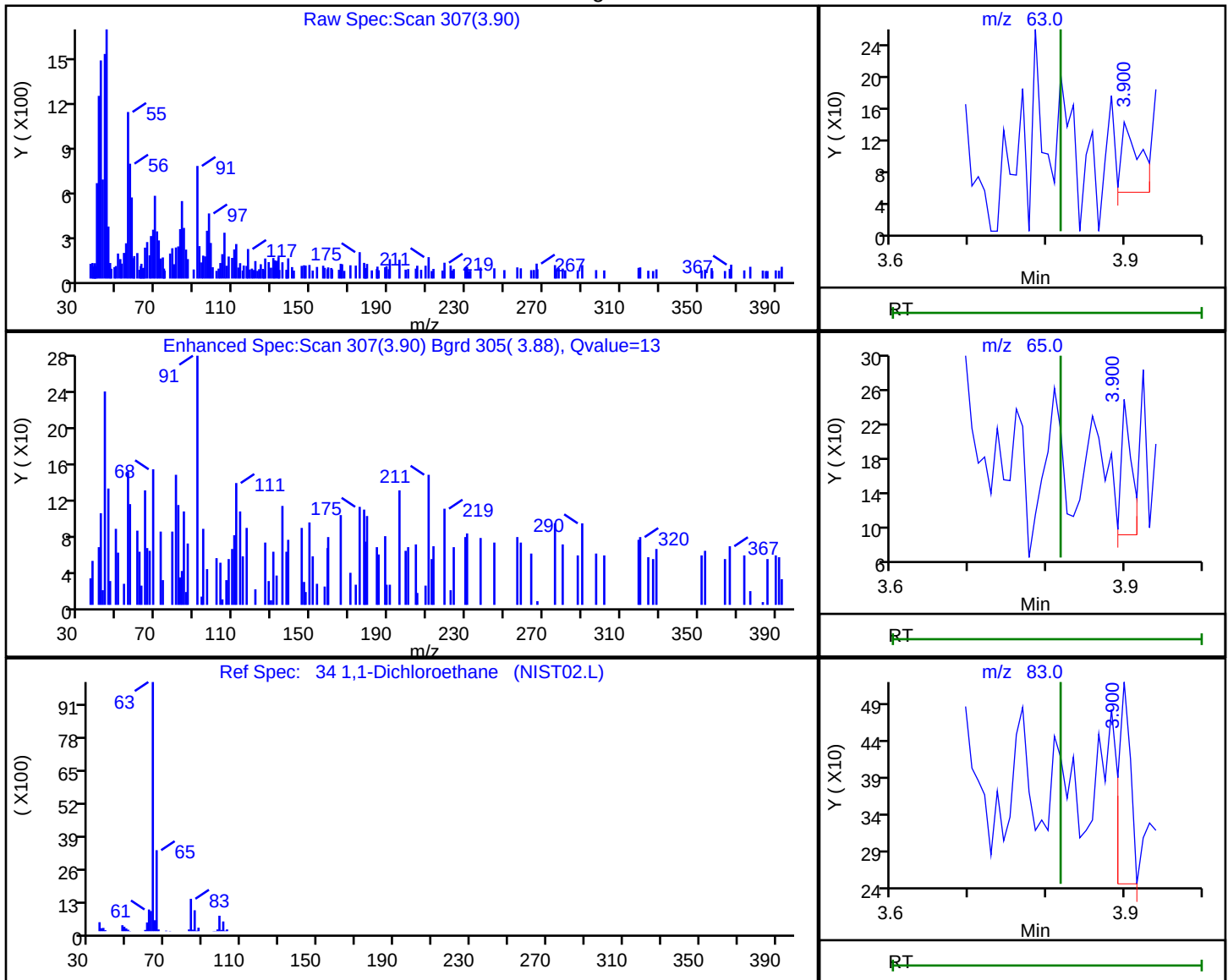
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.90	63.00	146	0.034815
3.90	65.00	143	
3.90	83.00	287	

Reviewer: pakanatir, 02-Dec-2019 10:47:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

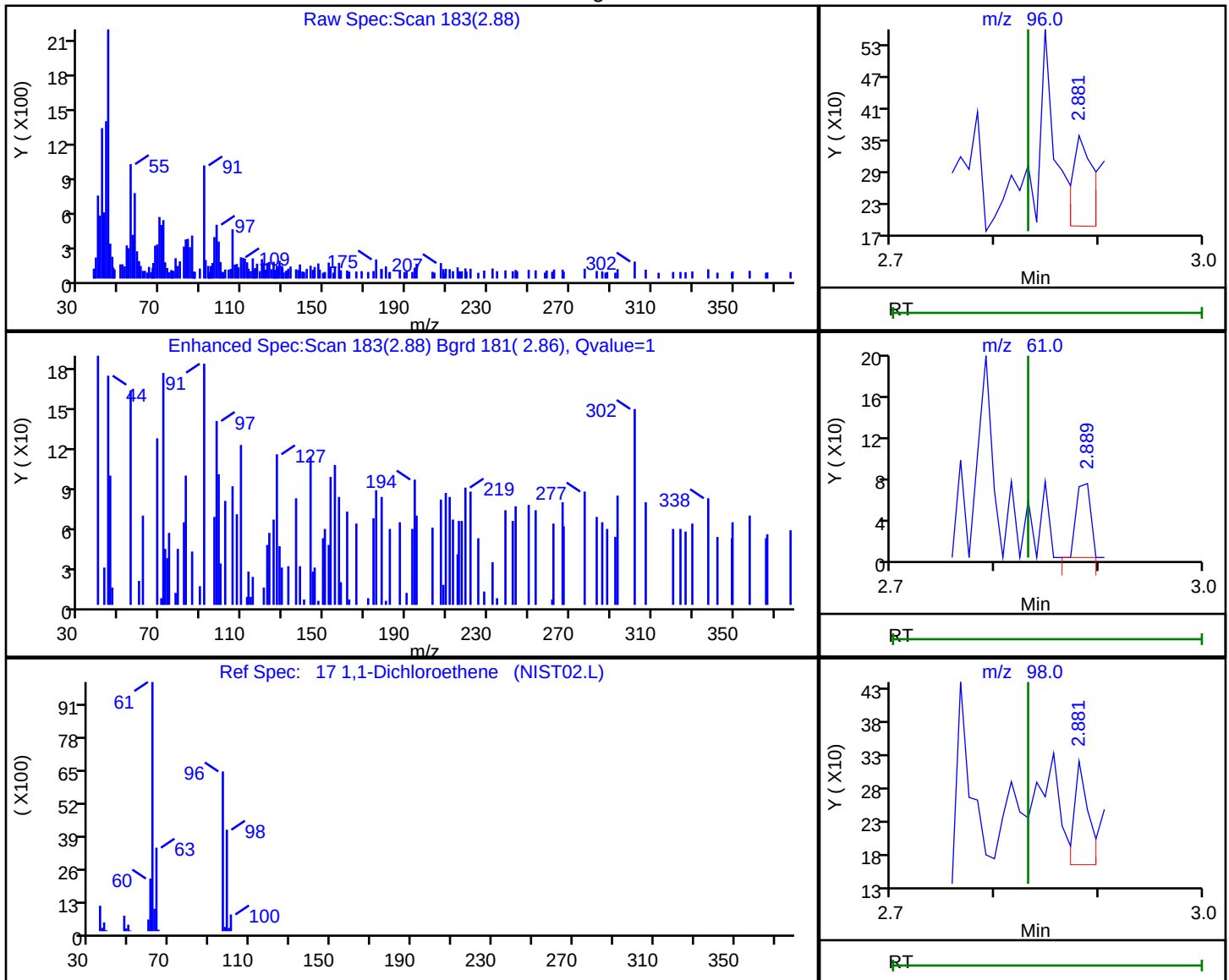
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.88	96.00	236	0.103408
2.89	61.00	68	
2.88	98.00	151	
2.87	63.00	109	

Reviewer: pakanatir, 02-Dec-2019 10:47:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

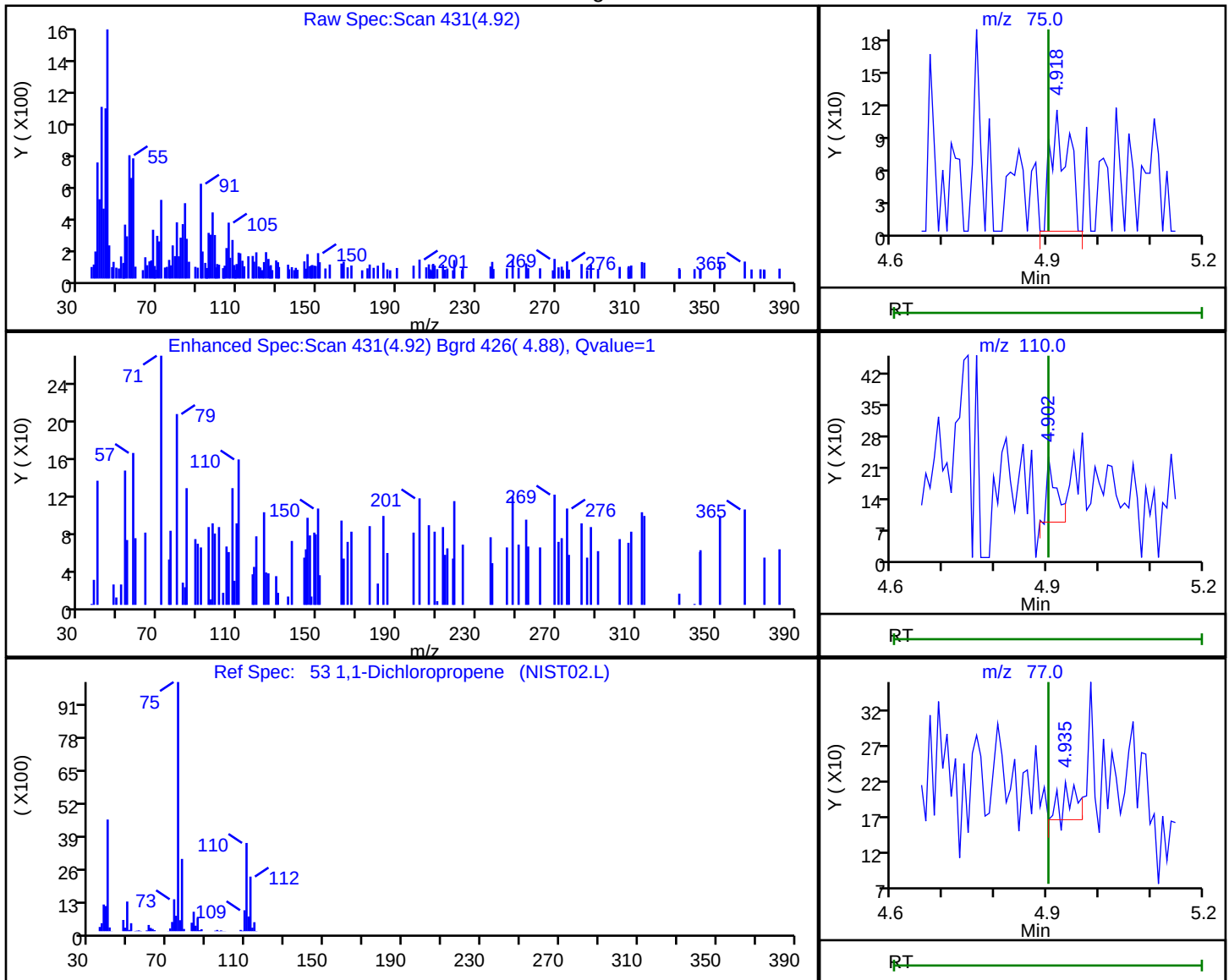
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

53 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.92	75.00	265	0.090194
4.90	110.00	189	
4.93	77.00	99	

Reviewer: pakanatir, 02-Dec-2019 10:47:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

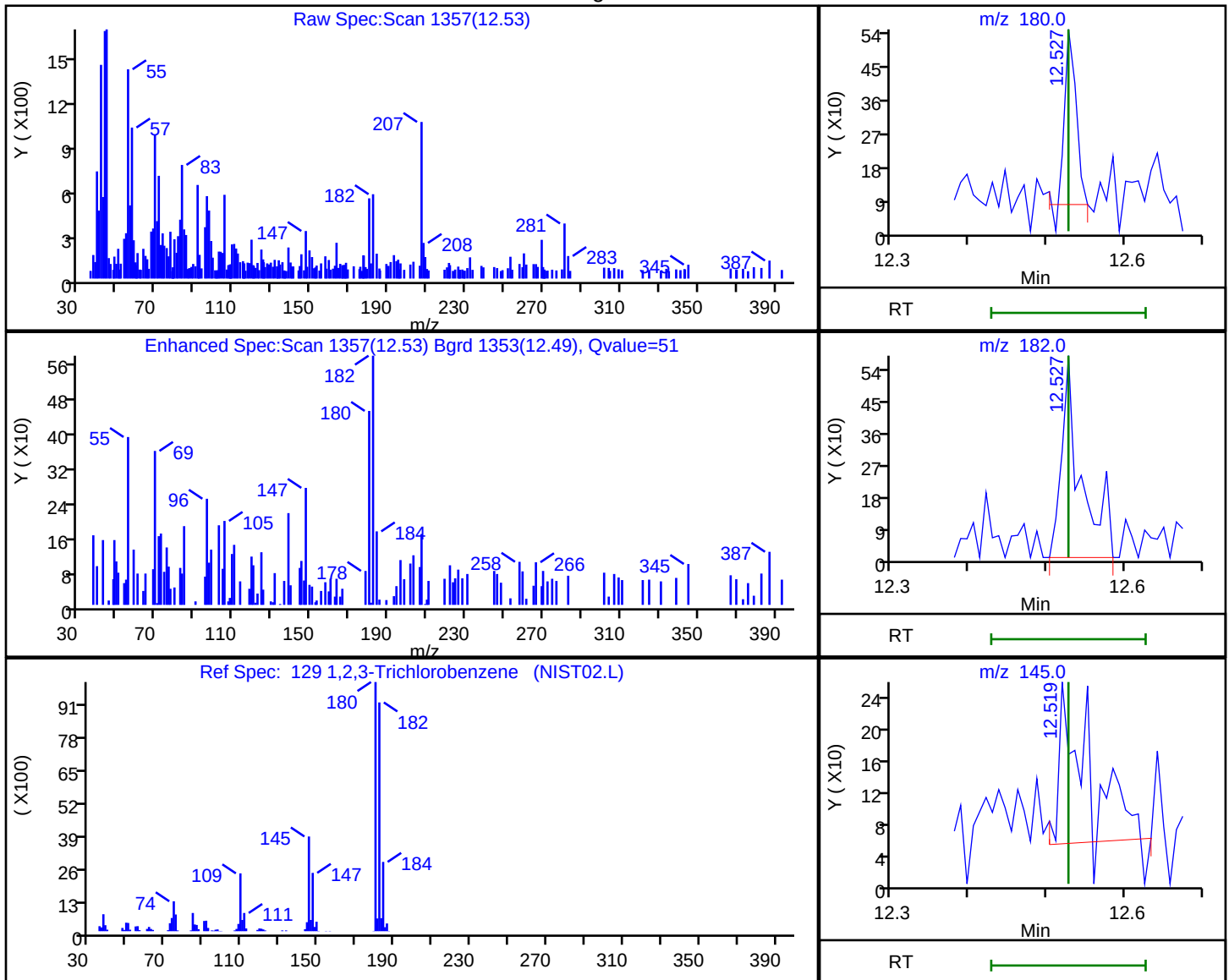
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

129 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.53	180.00	479	0.127034
12.53	182.00	985	
12.52	145.00	504	

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

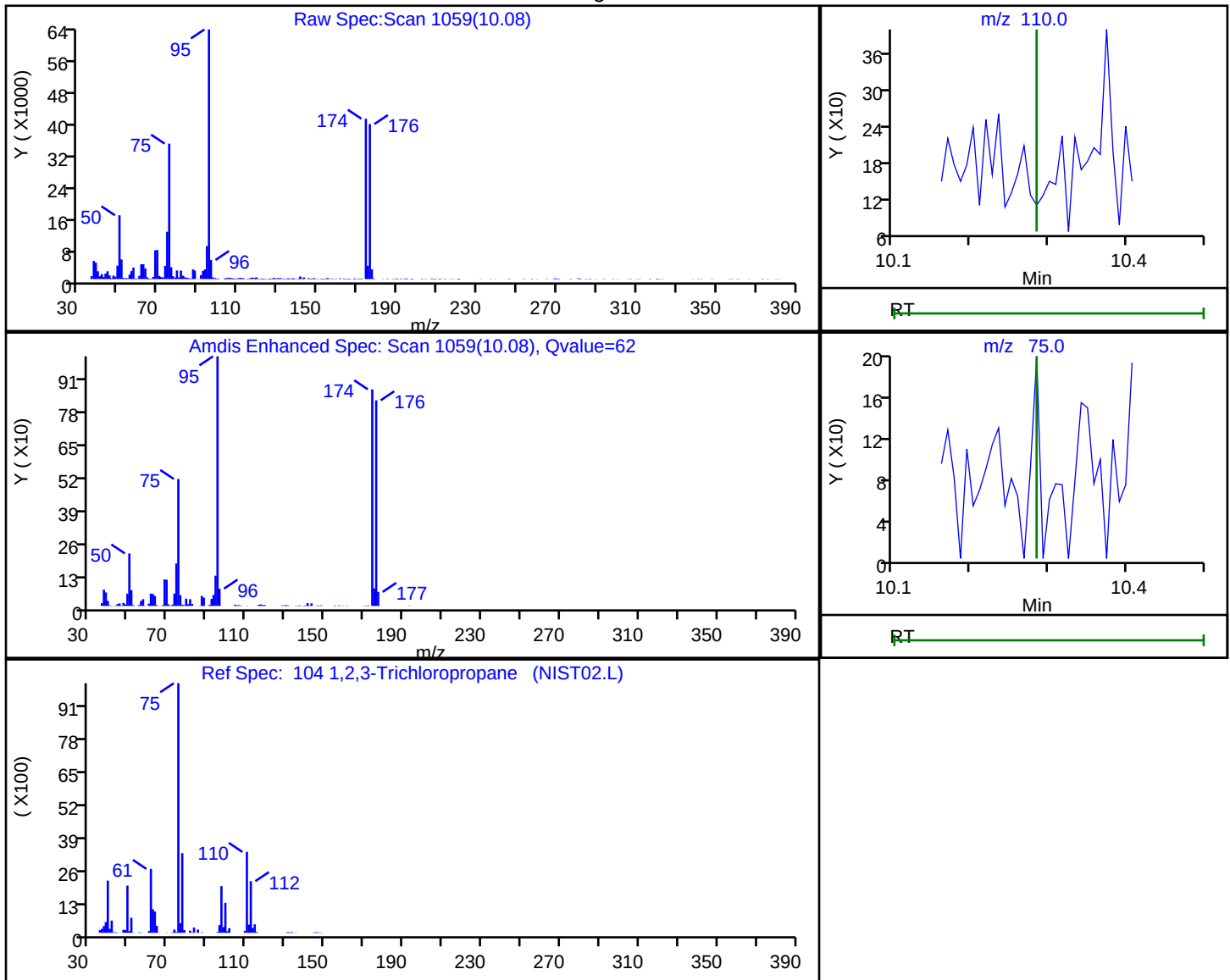
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
10.08	110.00	171	0.194092
10.09	75.00	74827	

Reviewer: pakanatir, 02-Dec-2019 10:48:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

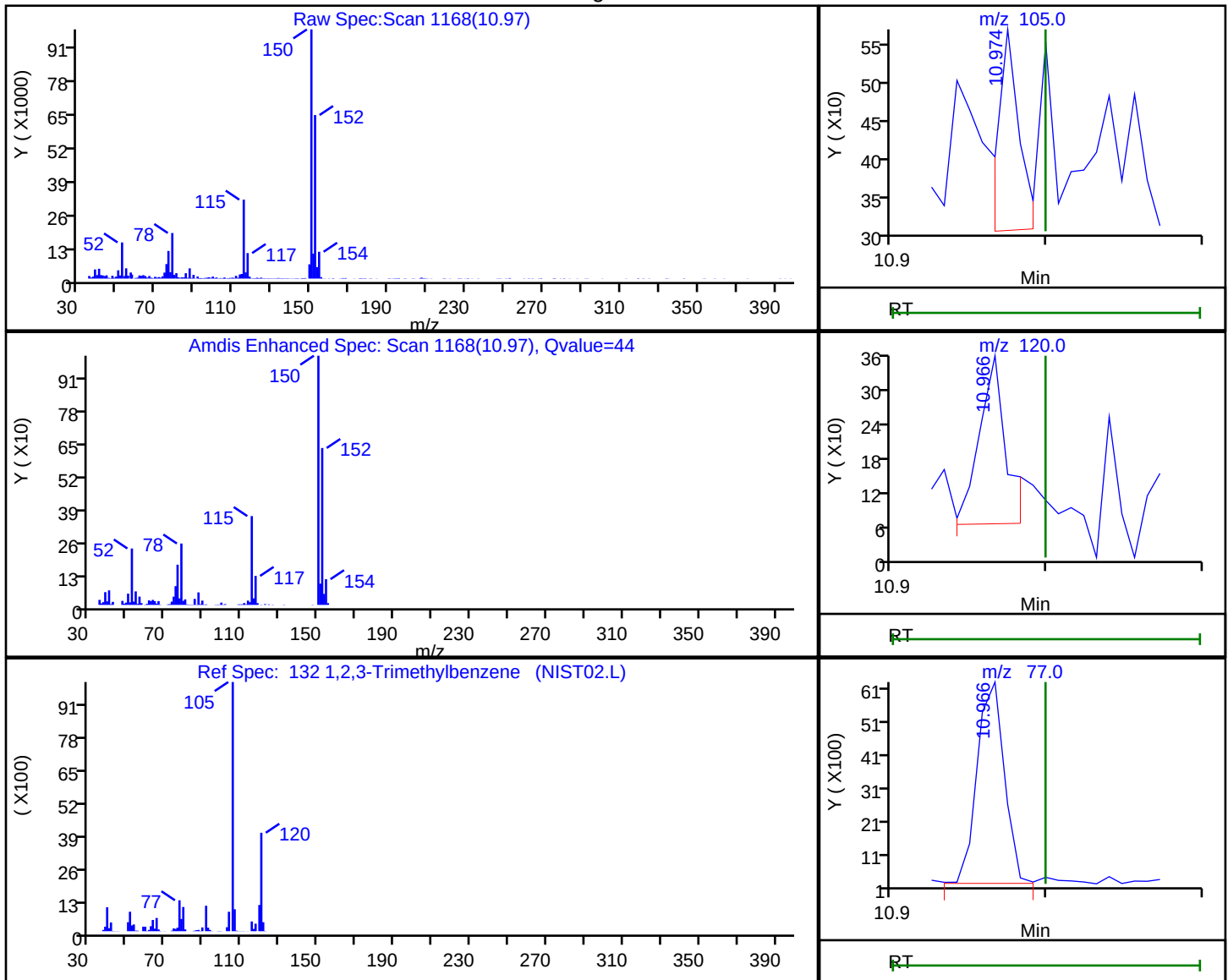
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

132 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.97	105.00	248	0.024240
10.97	120.00	364	
10.97	77.00	7433	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

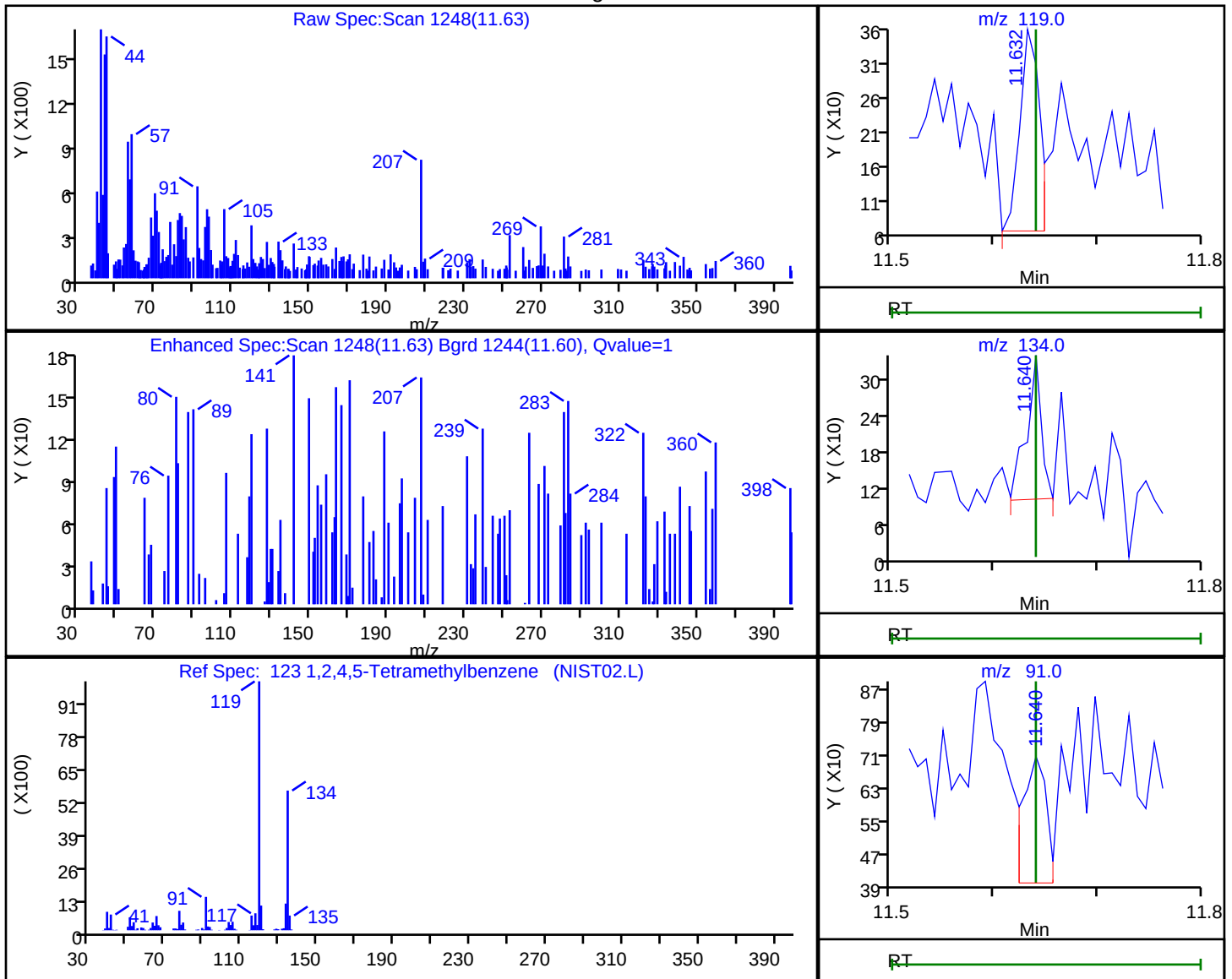
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

123 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.63	119.00	393	0.036253
11.64	134.00	238	
11.64	91.00	503	

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

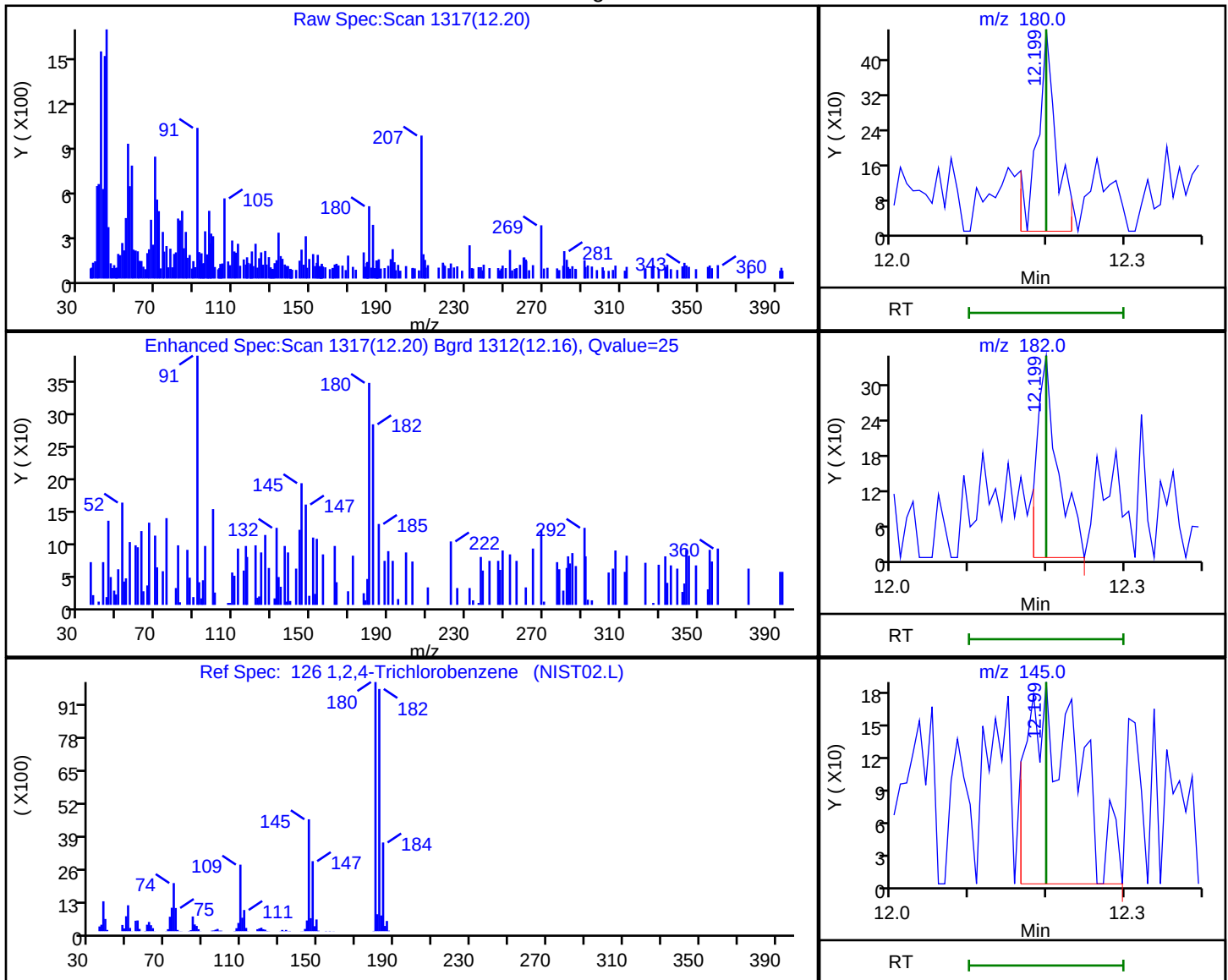
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

126 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.20	180.00	808	0.189914
12.20	182.00	655	
12.20	145.00	853	

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

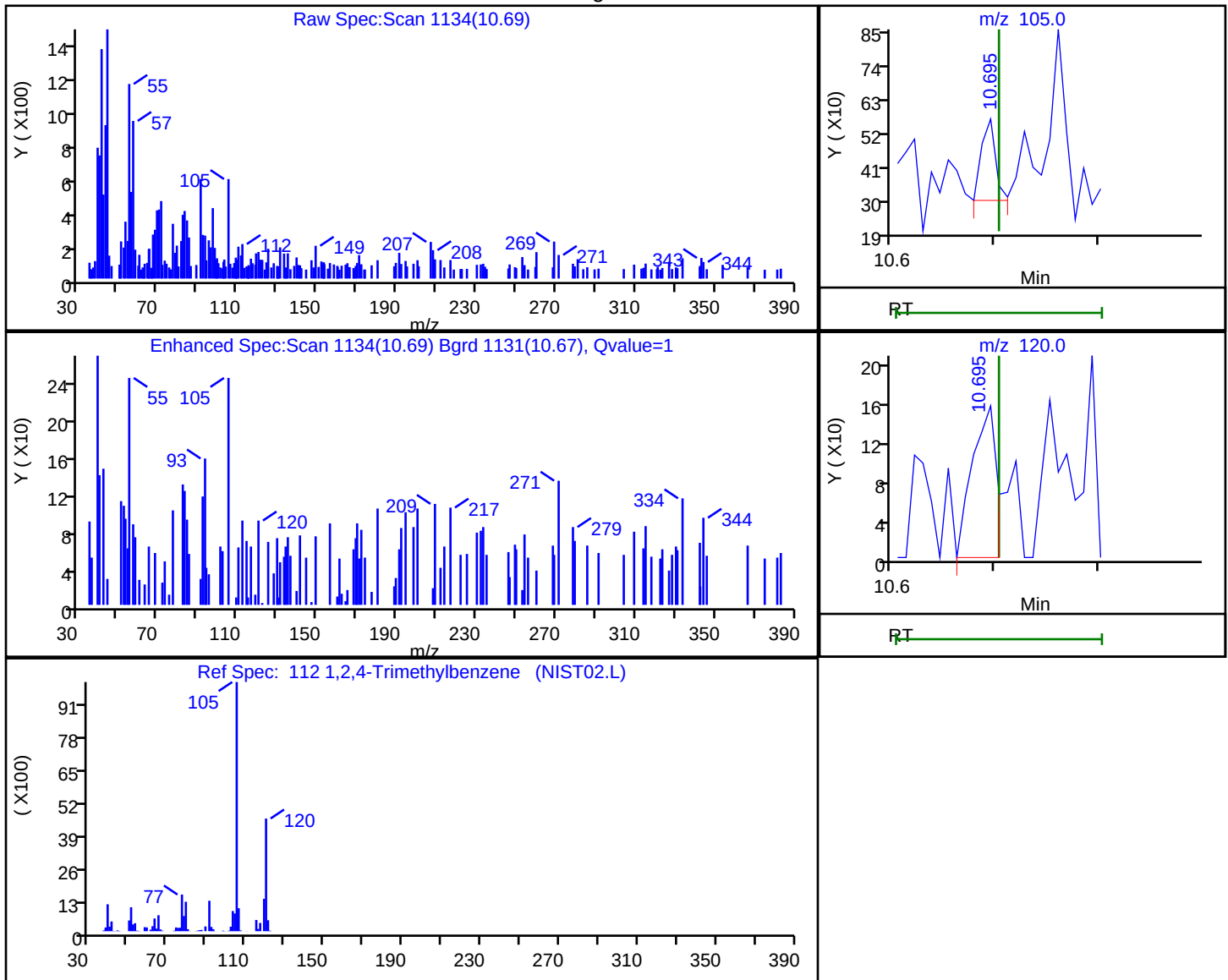
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

112 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.69	105.00	253	0.025831
10.69	120.00	248	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

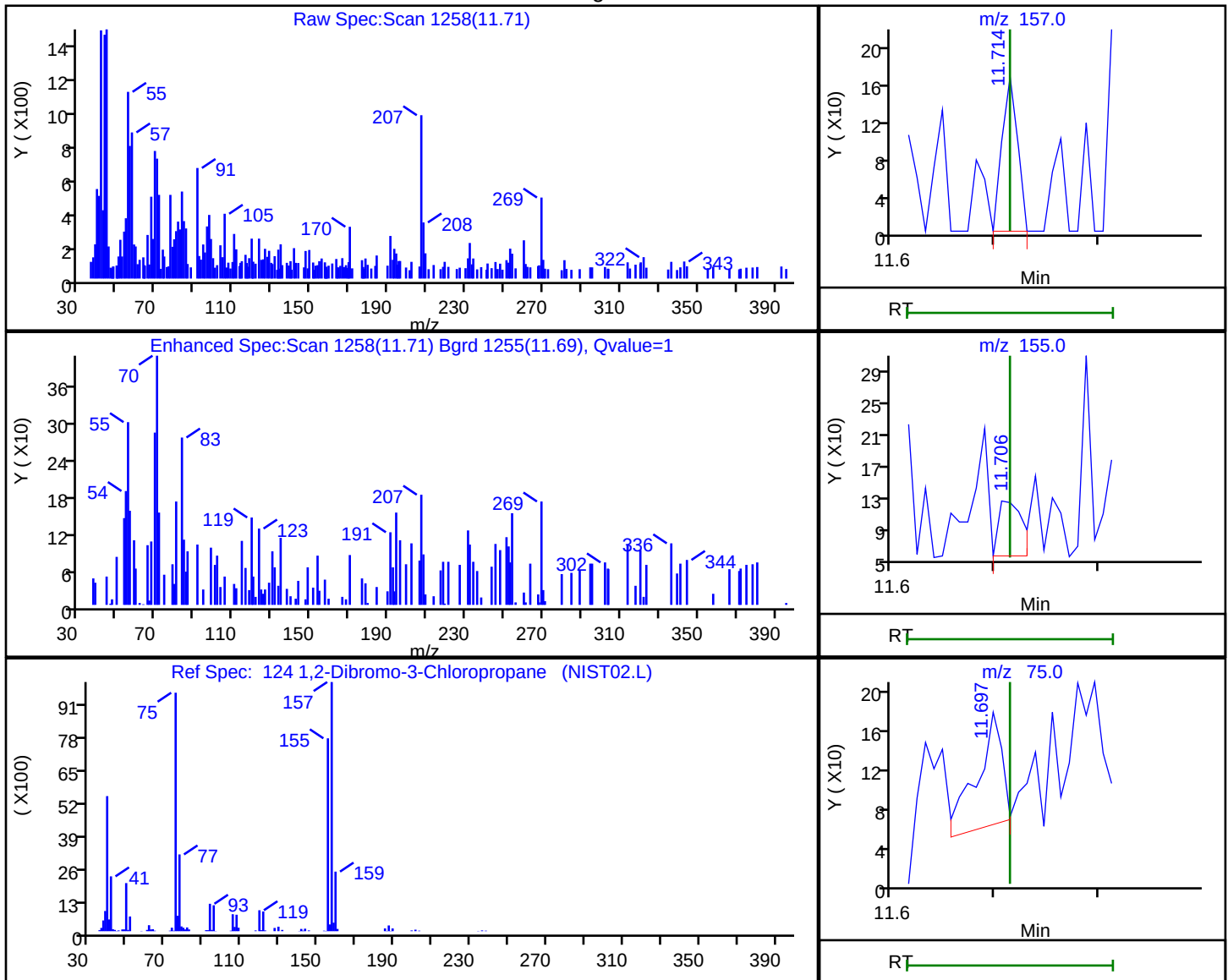
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

124 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.71	157.00	175	0.251612
11.71	155.00	109	
11.70	75.00	199	

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

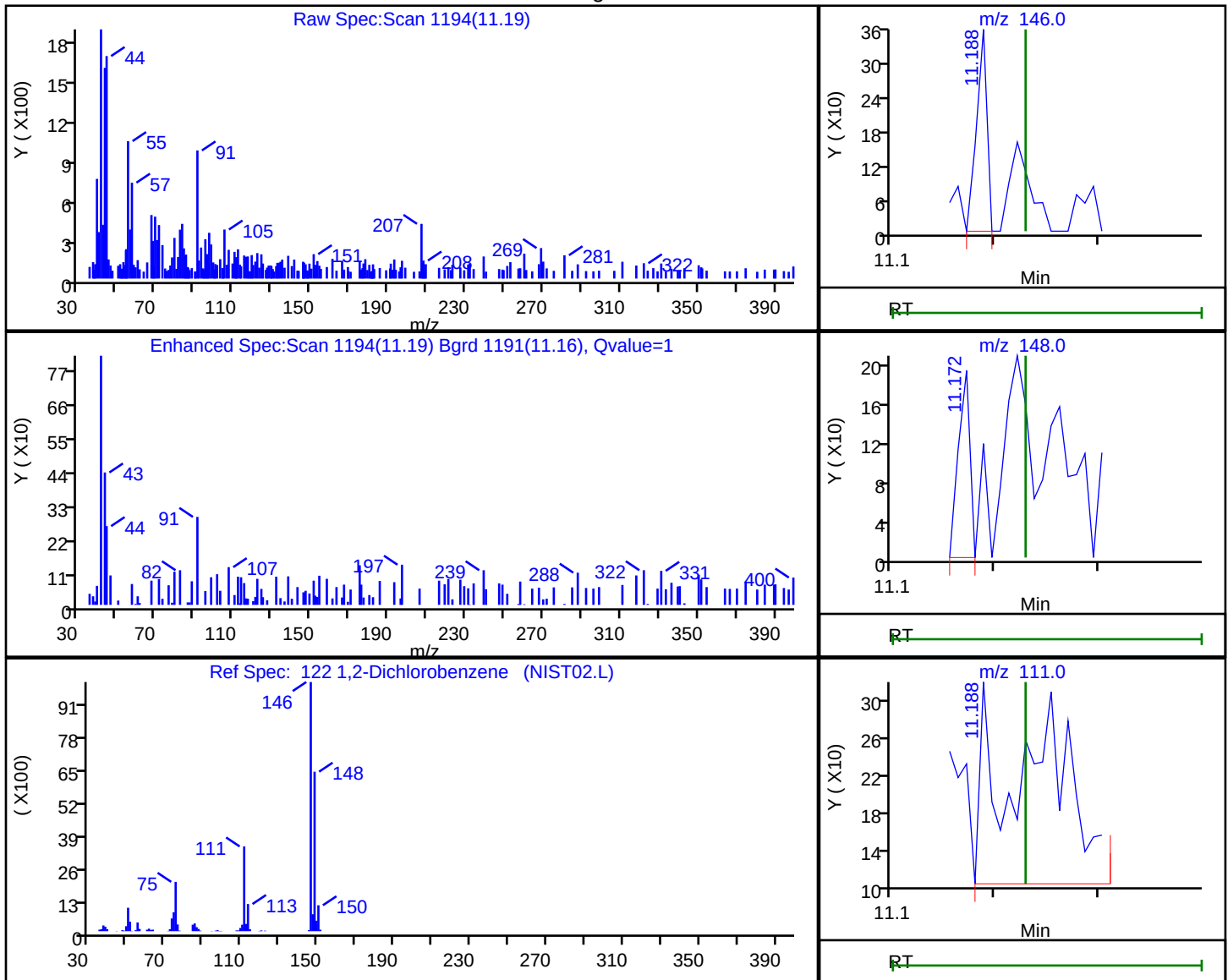
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.19	146.00	252	0.045929
11.17	148.00	145	
11.19	111.00	778	

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

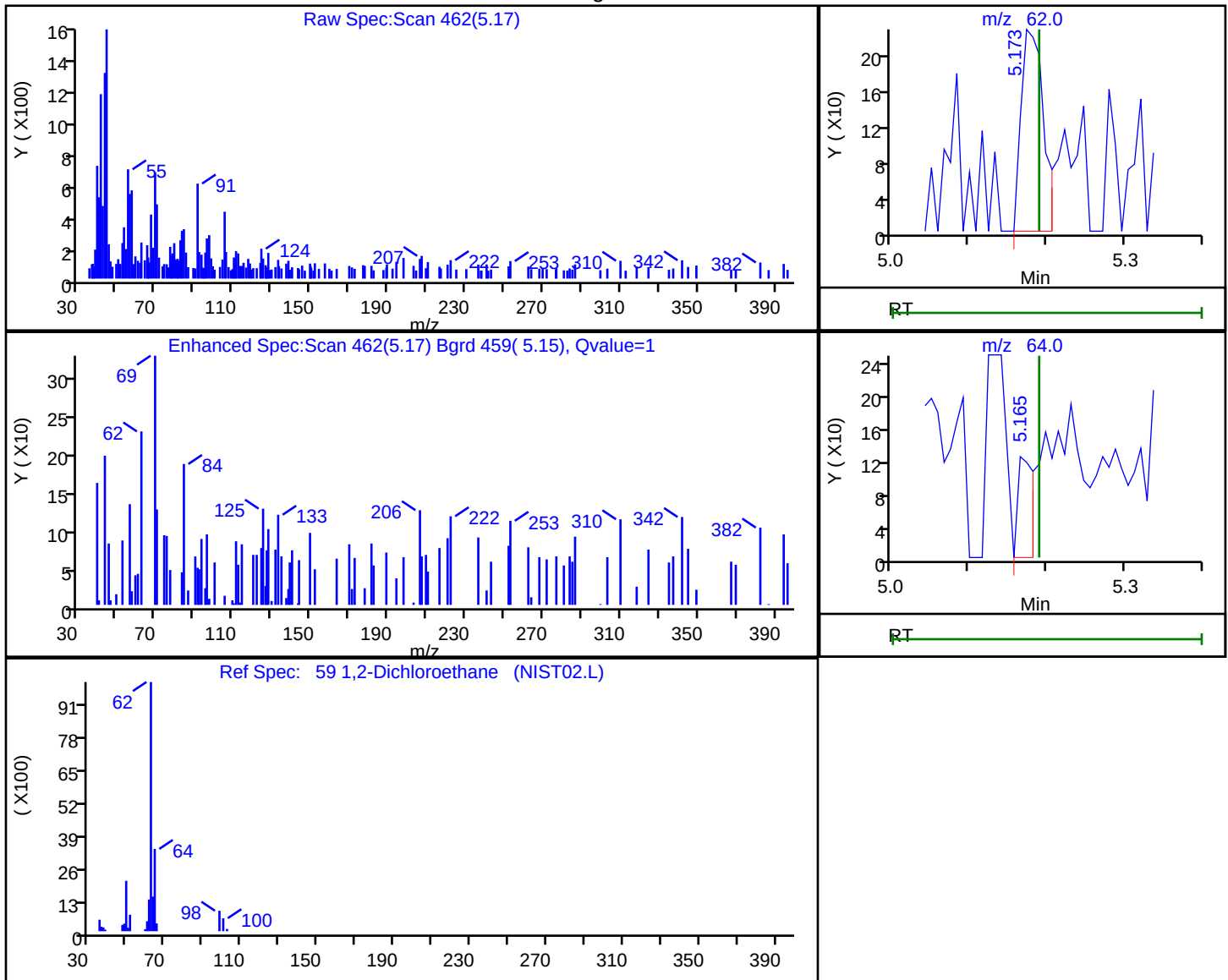
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.17	62.00	462	0.144563
5.16	64.00	170	

Reviewer: pakanatir, 02-Dec-2019 10:47:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

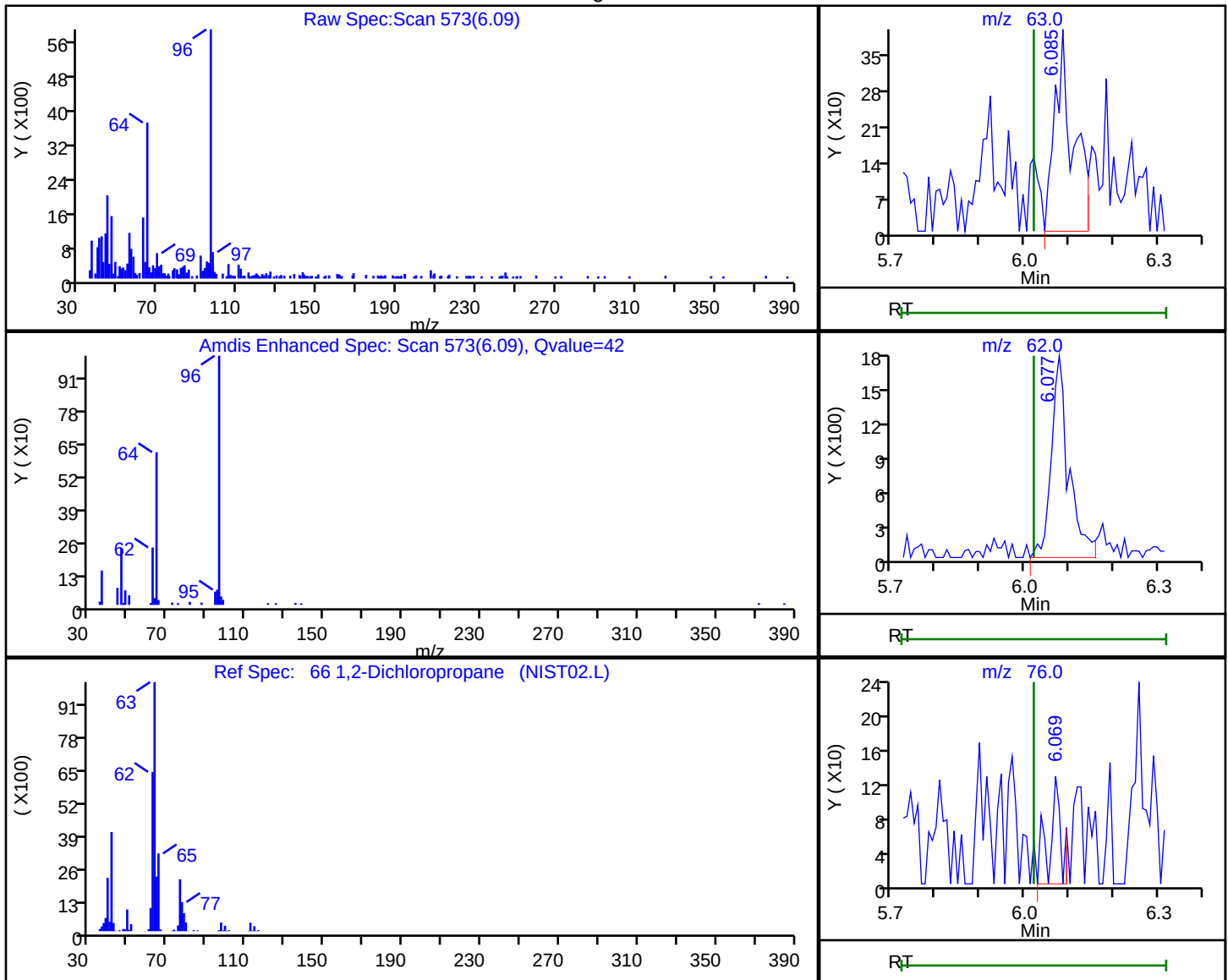
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.09	63.00	1137	0.526819
6.08	62.00	4791	
6.07	76.00	225	
6.03	112.00	0	

Reviewer: pakanatir, 02-Dec-2019 10:47:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

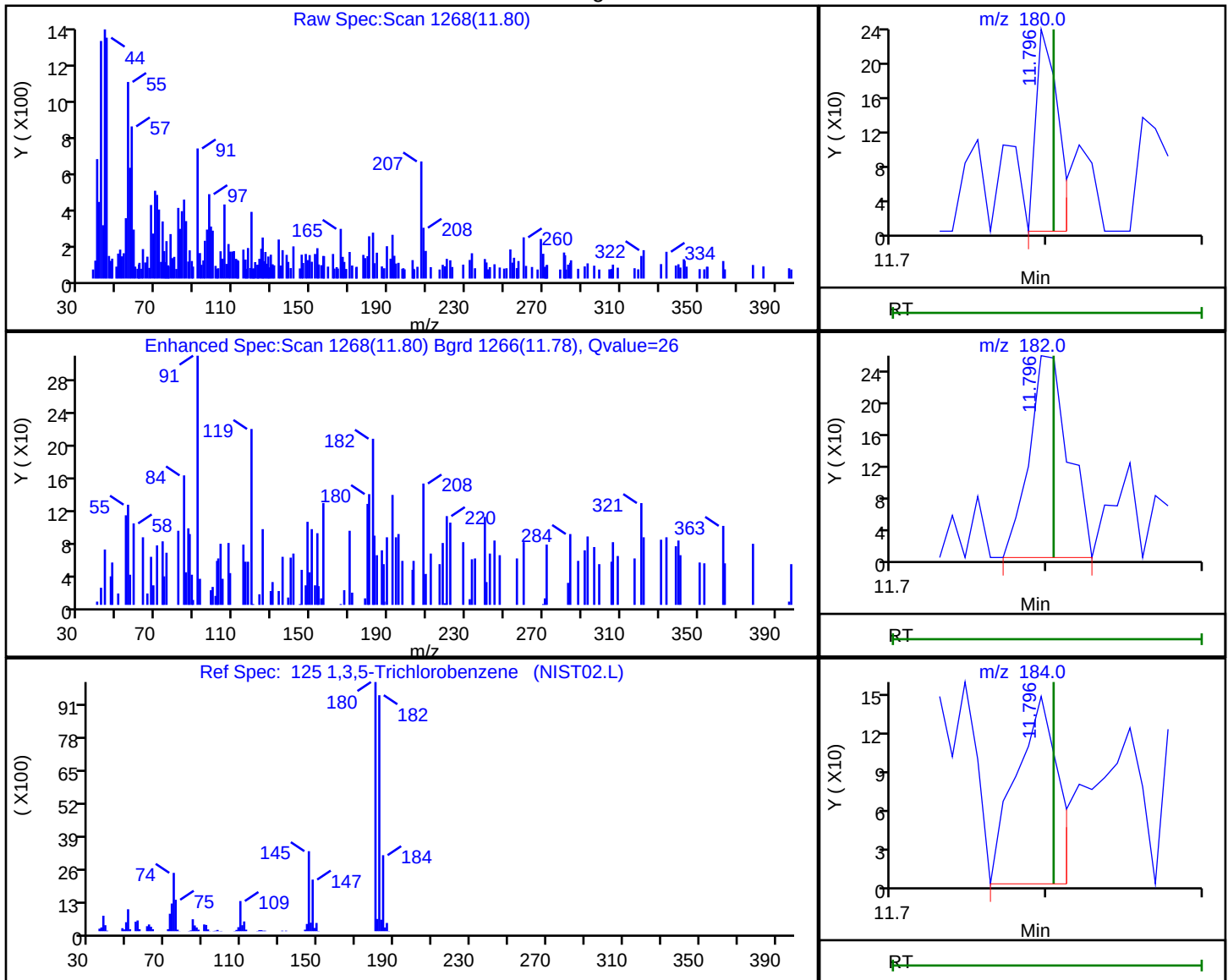
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

125 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.80	180.00	233	0.050022
11.80	182.00	447	
11.80	184.00	271	

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

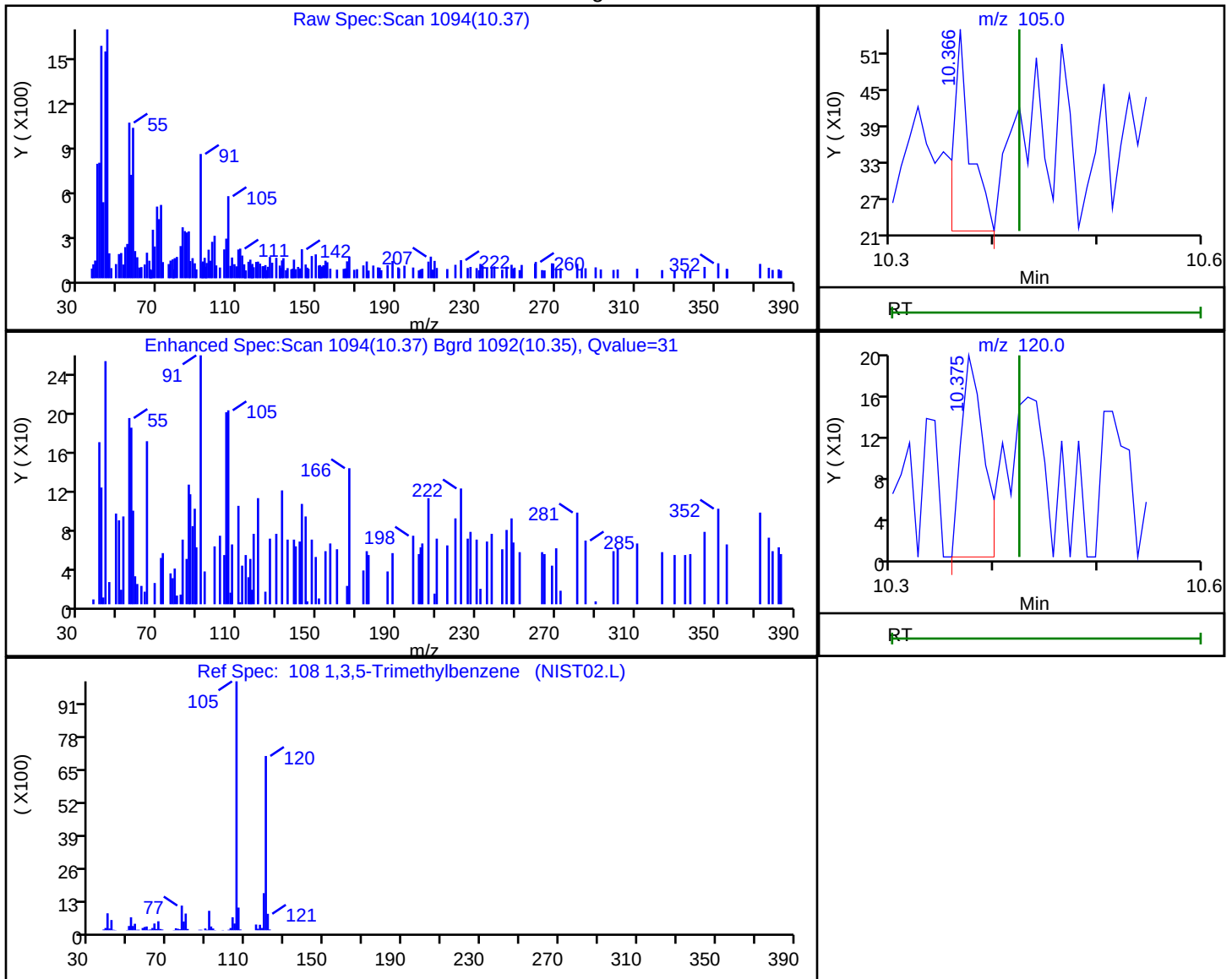
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.37	105.00	360	0.038683
10.37	120.00	303	

Reviewer: pakanatir, 02-Dec-2019 10:48:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

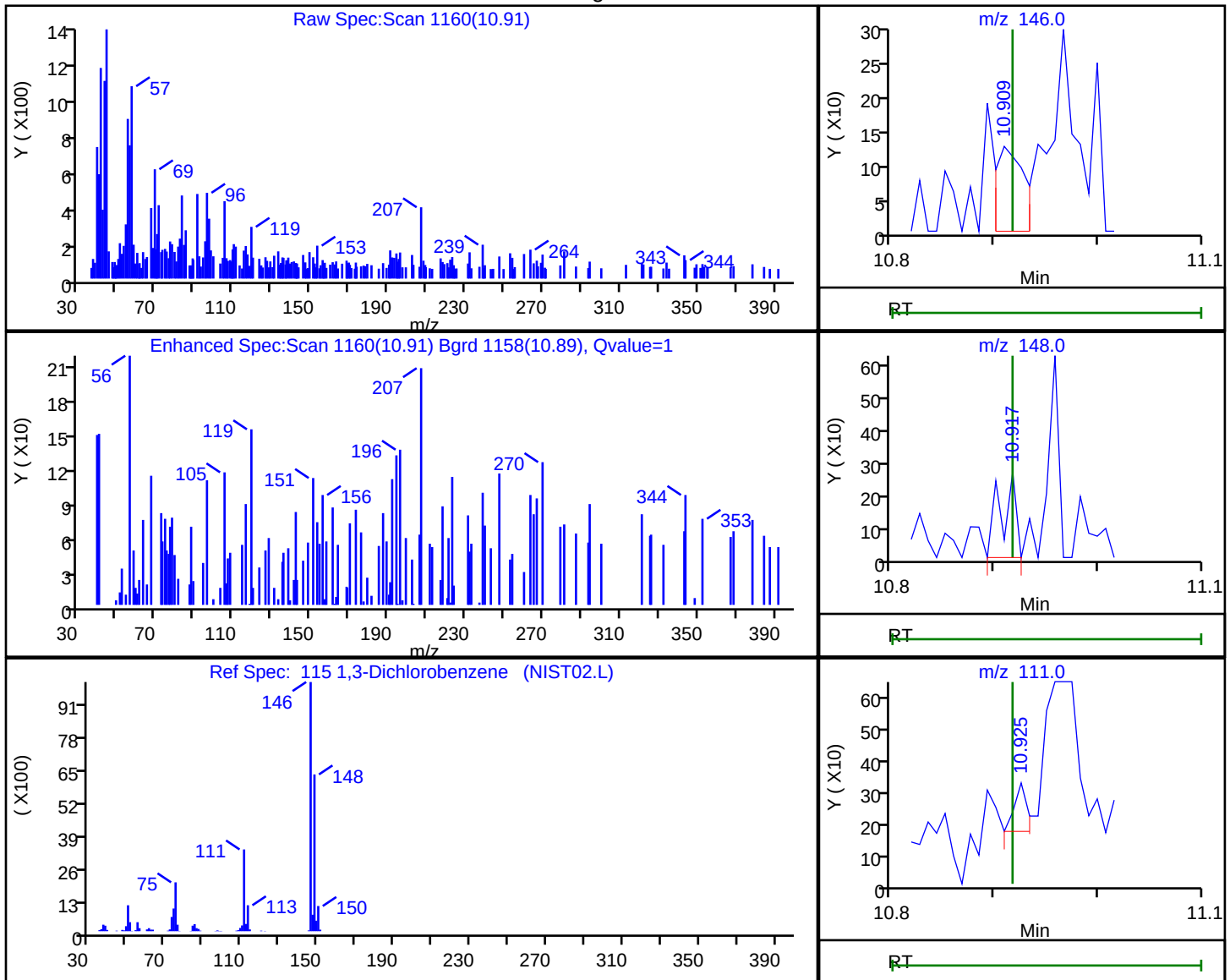
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.91	146.00	238	0.044697
10.92	148.00	275	
10.93	111.00	131	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

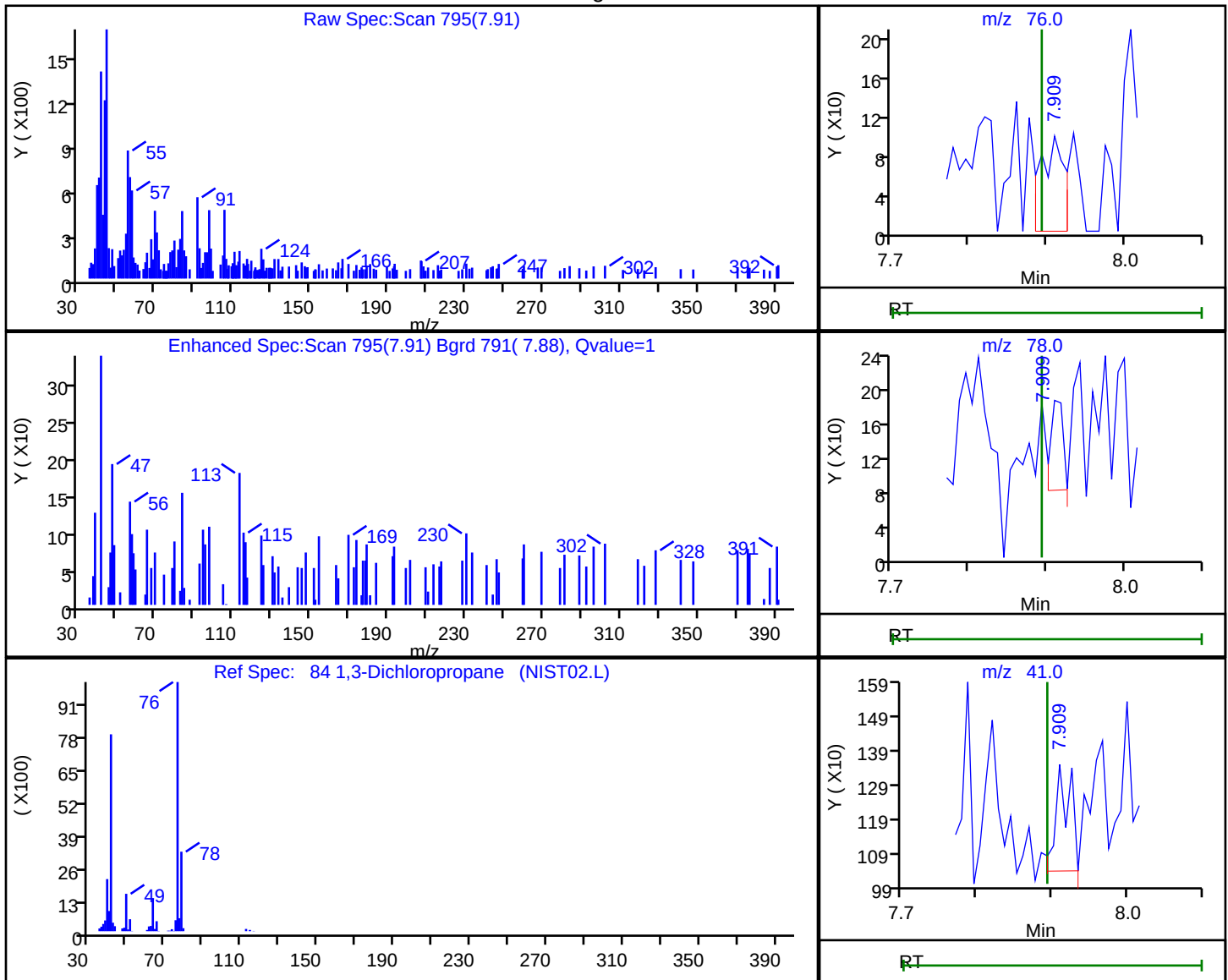
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

84 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.91	76.00	211	0.066900
7.91	78.00	117	
7.91	41.00	422	

Reviewer: pakanatir, 02-Dec-2019 10:48:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

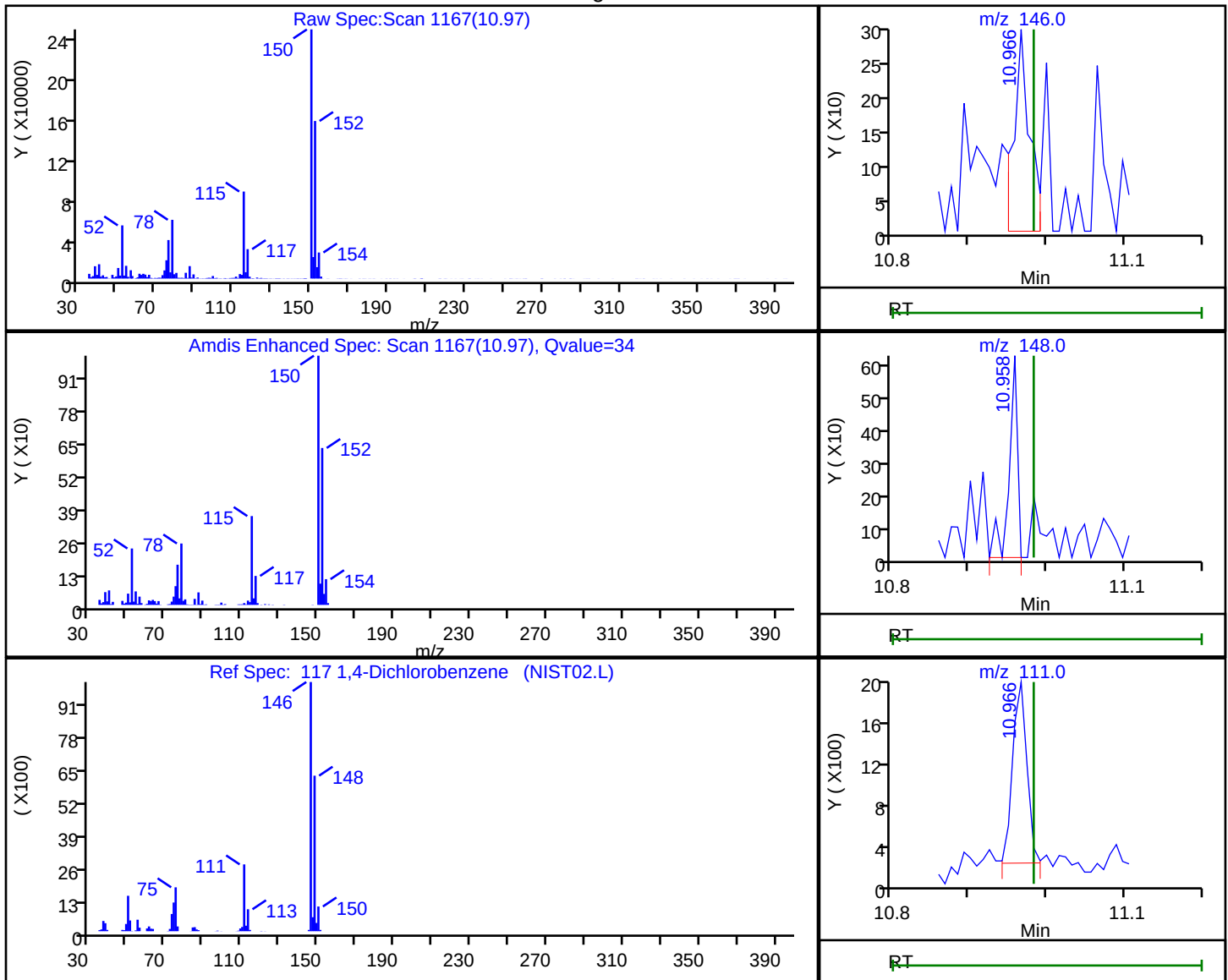
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.97	146.00	426	0.077817
10.96	148.00	465	
10.97	111.00	2199	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

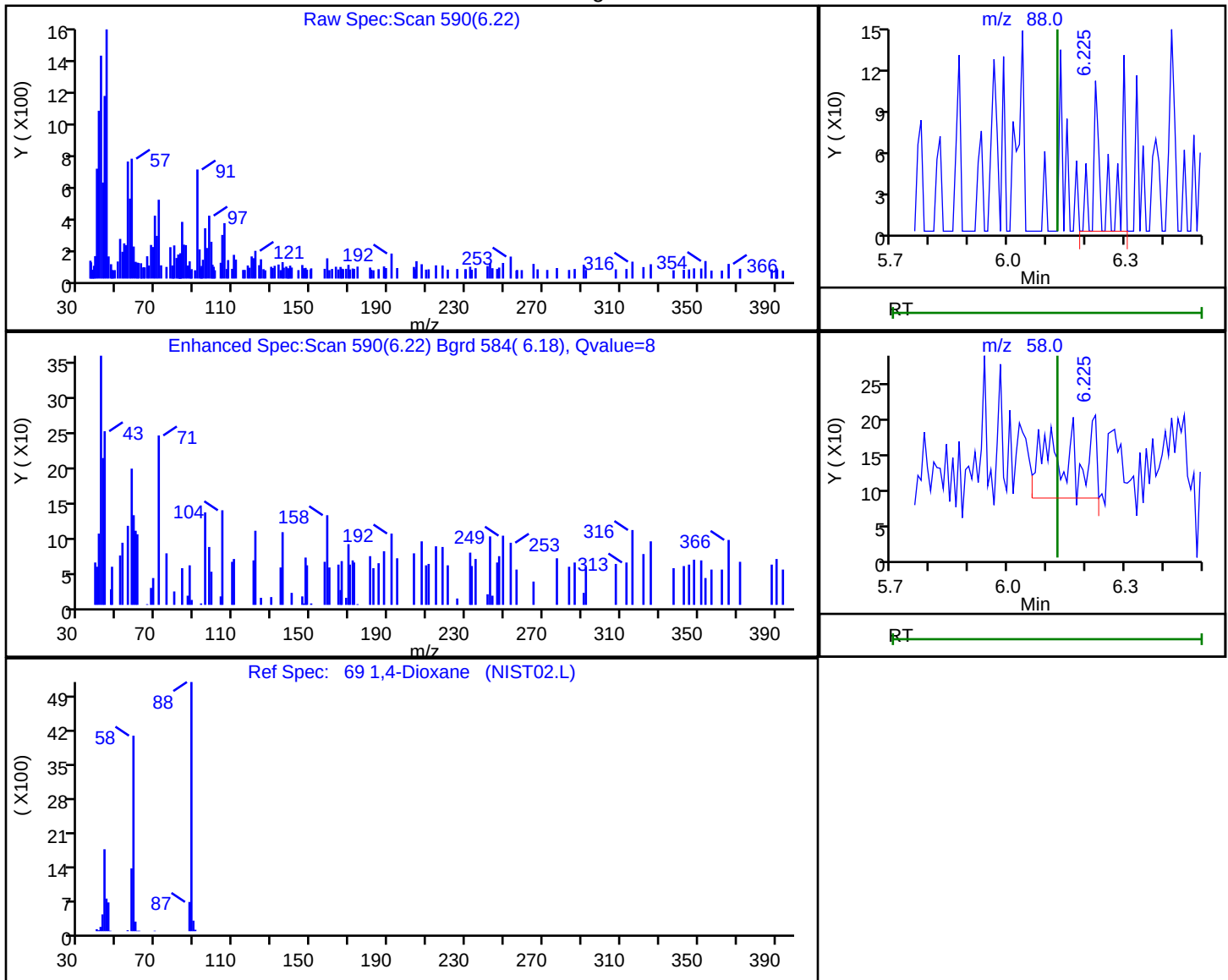
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
6.22	88.00	226	9.197069
6.22	58.00	601	

Reviewer: pakanatir, 02-Dec-2019 10:47:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

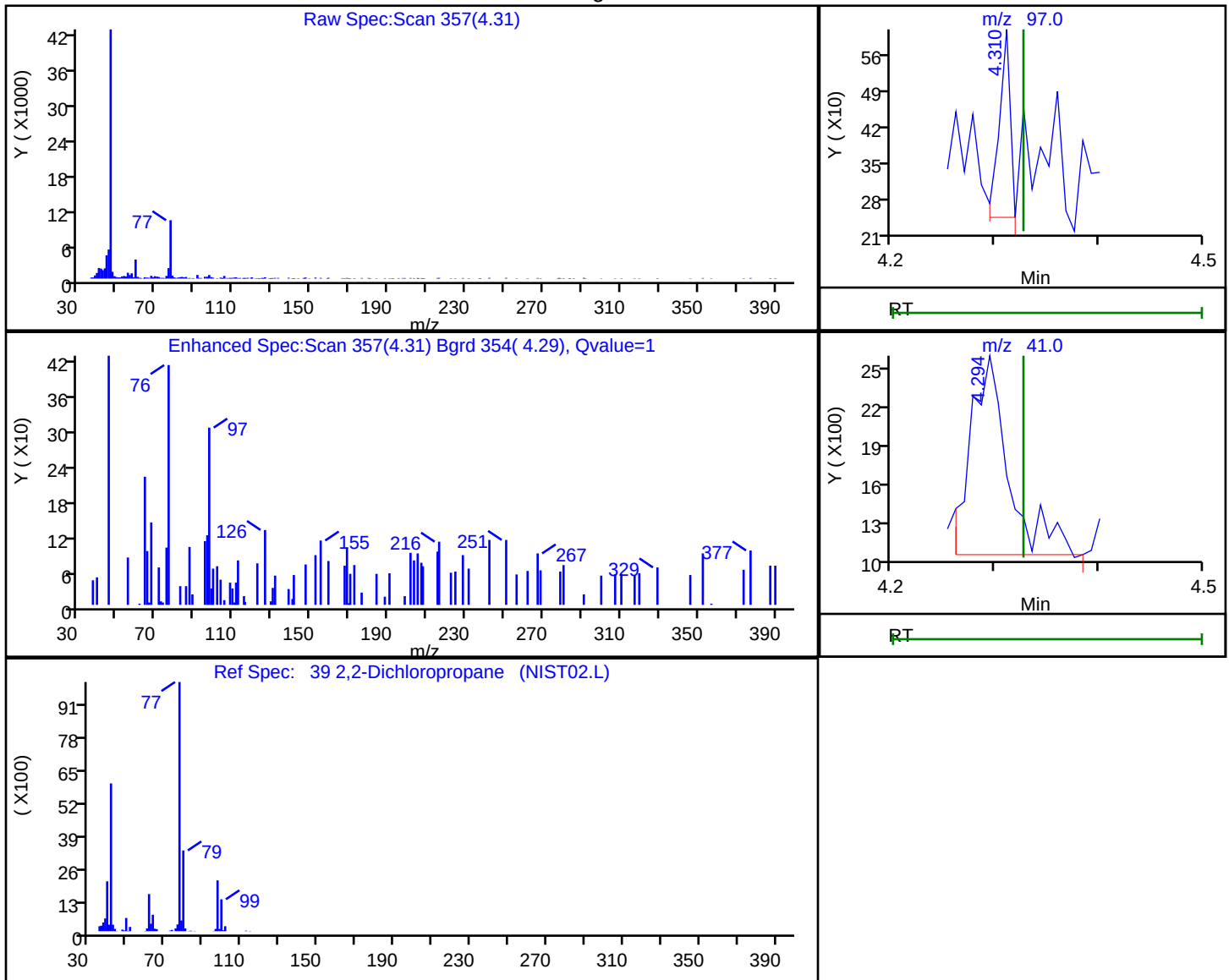
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.31	97.00	270	0.310209
4.29	41.00	3711	

Reviewer: pakanatir, 02-Dec-2019 10:47:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

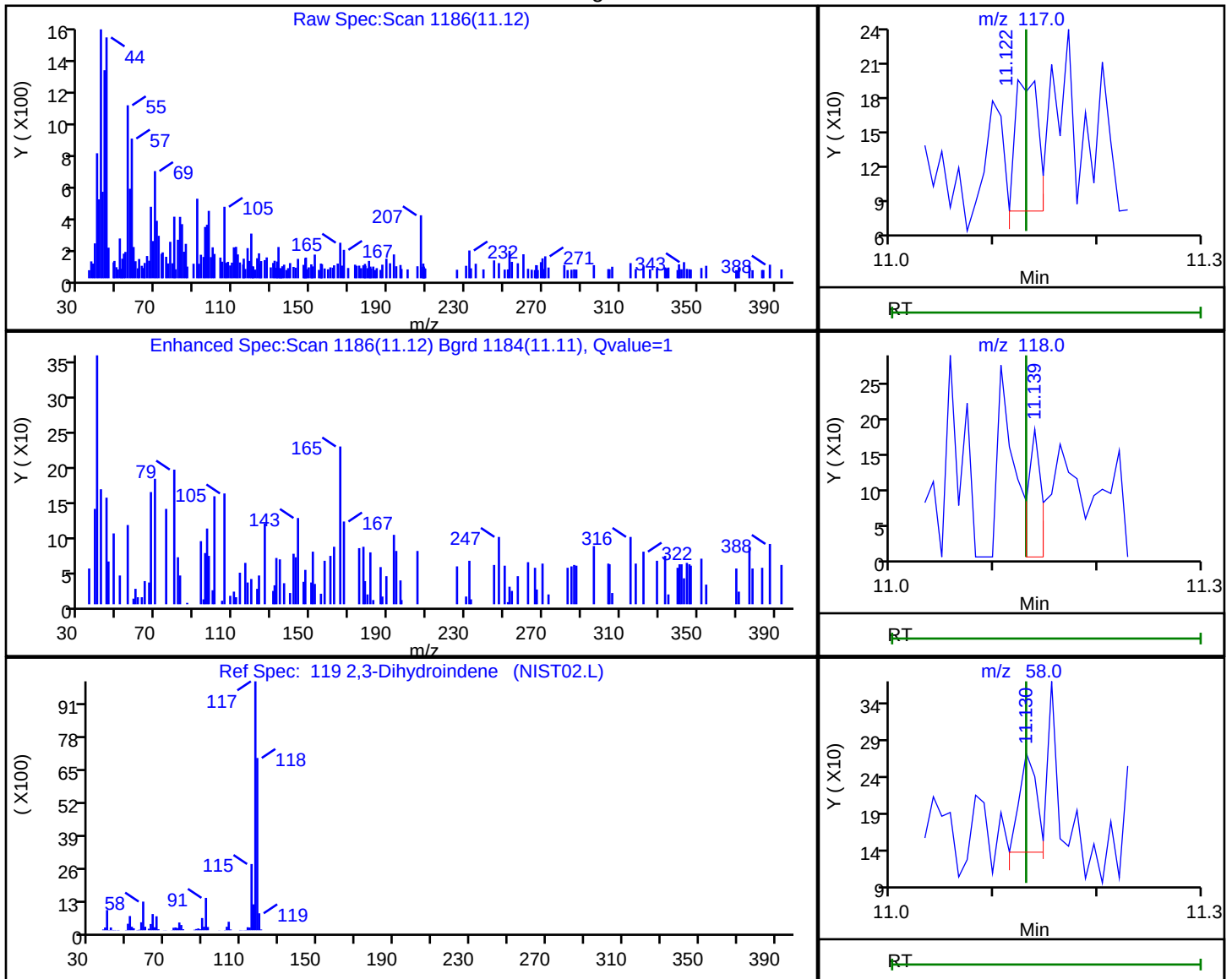
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

119 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.12	117.00	175	0.017580
11.14	118.00	166	
11.13	58.00	152	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

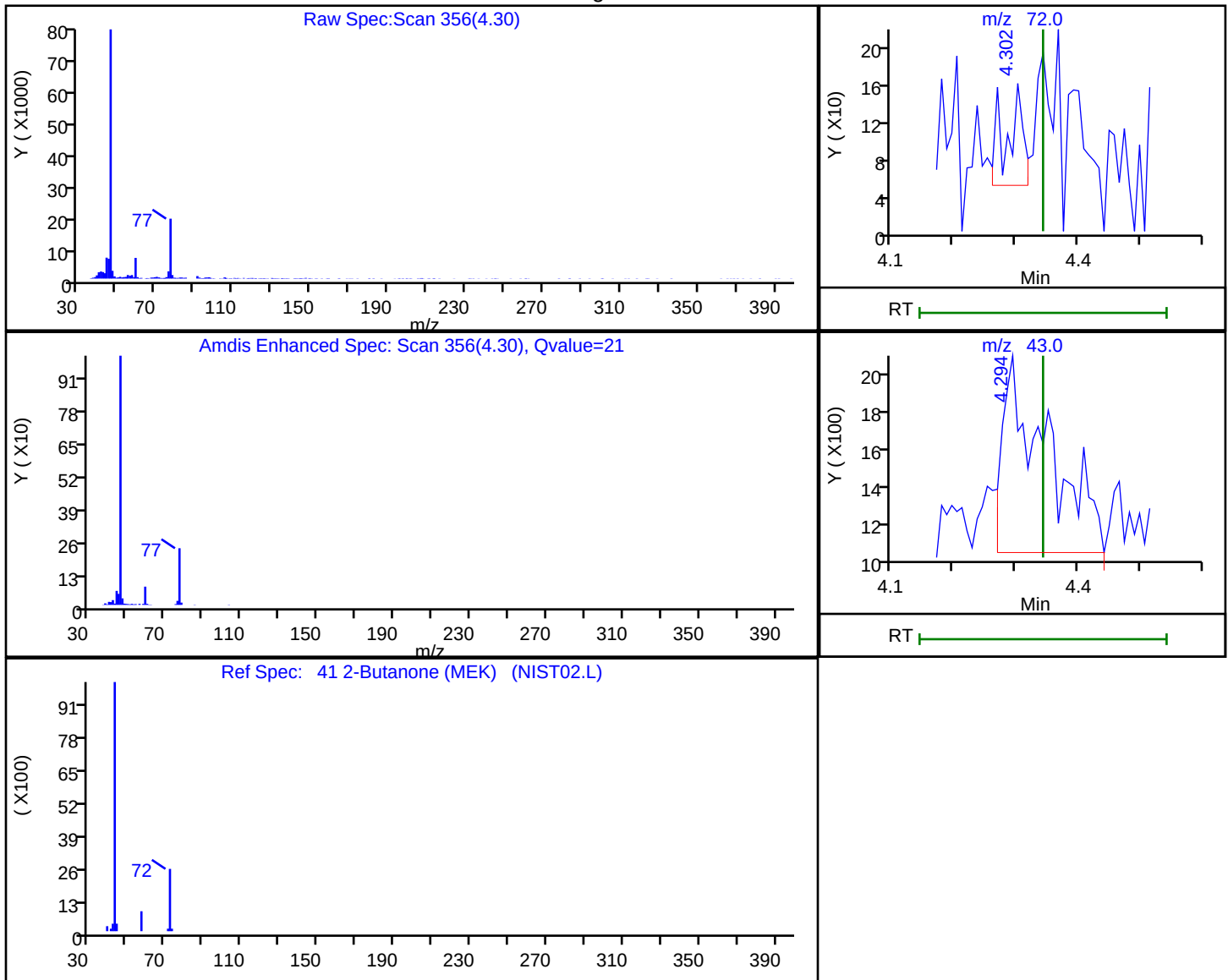
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.30	72.00	211	0.787256
4.29	43.00	5393	

Reviewer: pakanatir, 02-Dec-2019 10:47:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

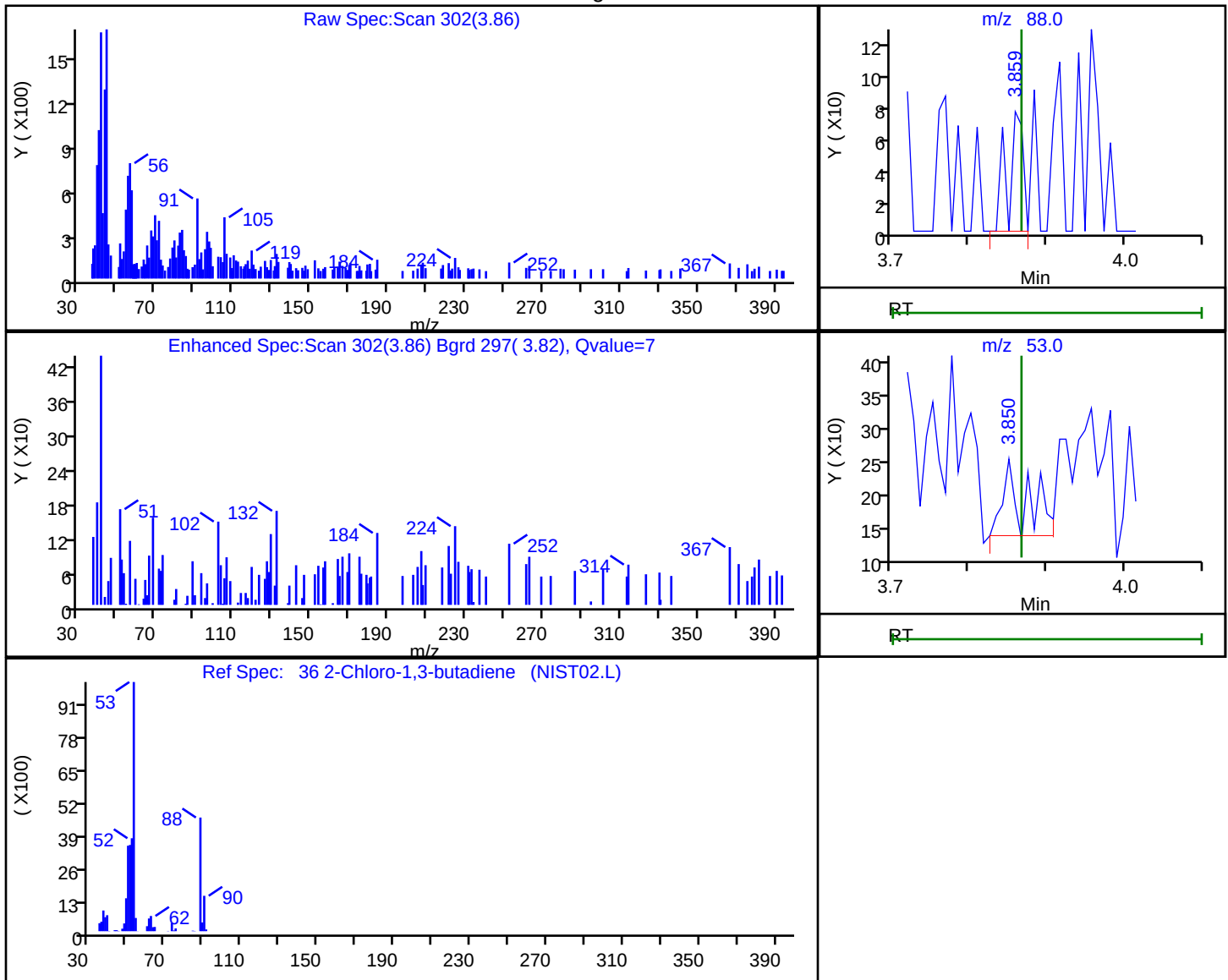
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

36 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
3.86	88.00	105	0.051877
3.85	53.00	234	

Reviewer: pakanatir, 02-Dec-2019 10:47:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

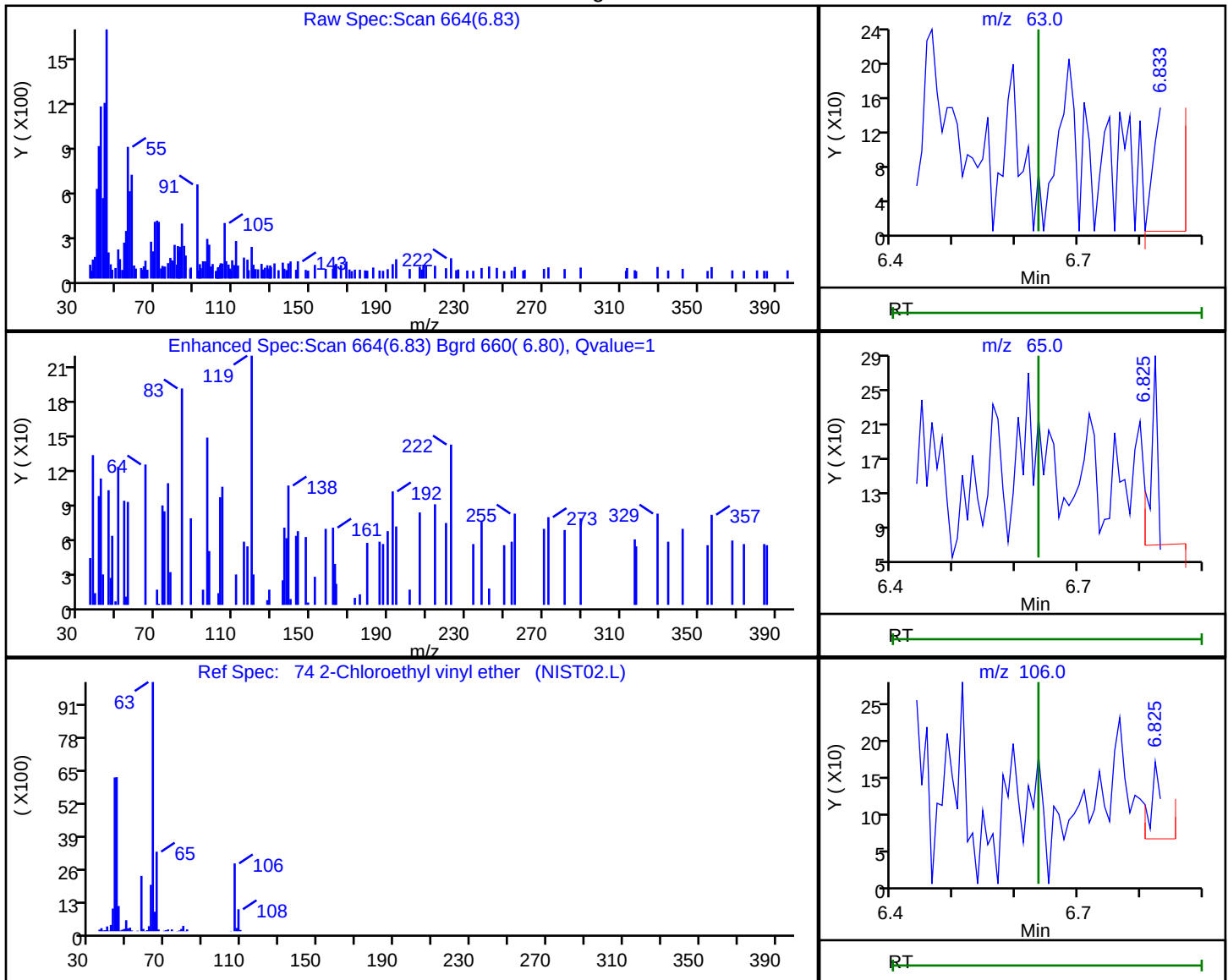
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

74 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
6.83	63.00	326	0.238302
6.82	65.00	363	
6.82	106.00	159	

Reviewer: pakanatir, 02-Dec-2019 10:47:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

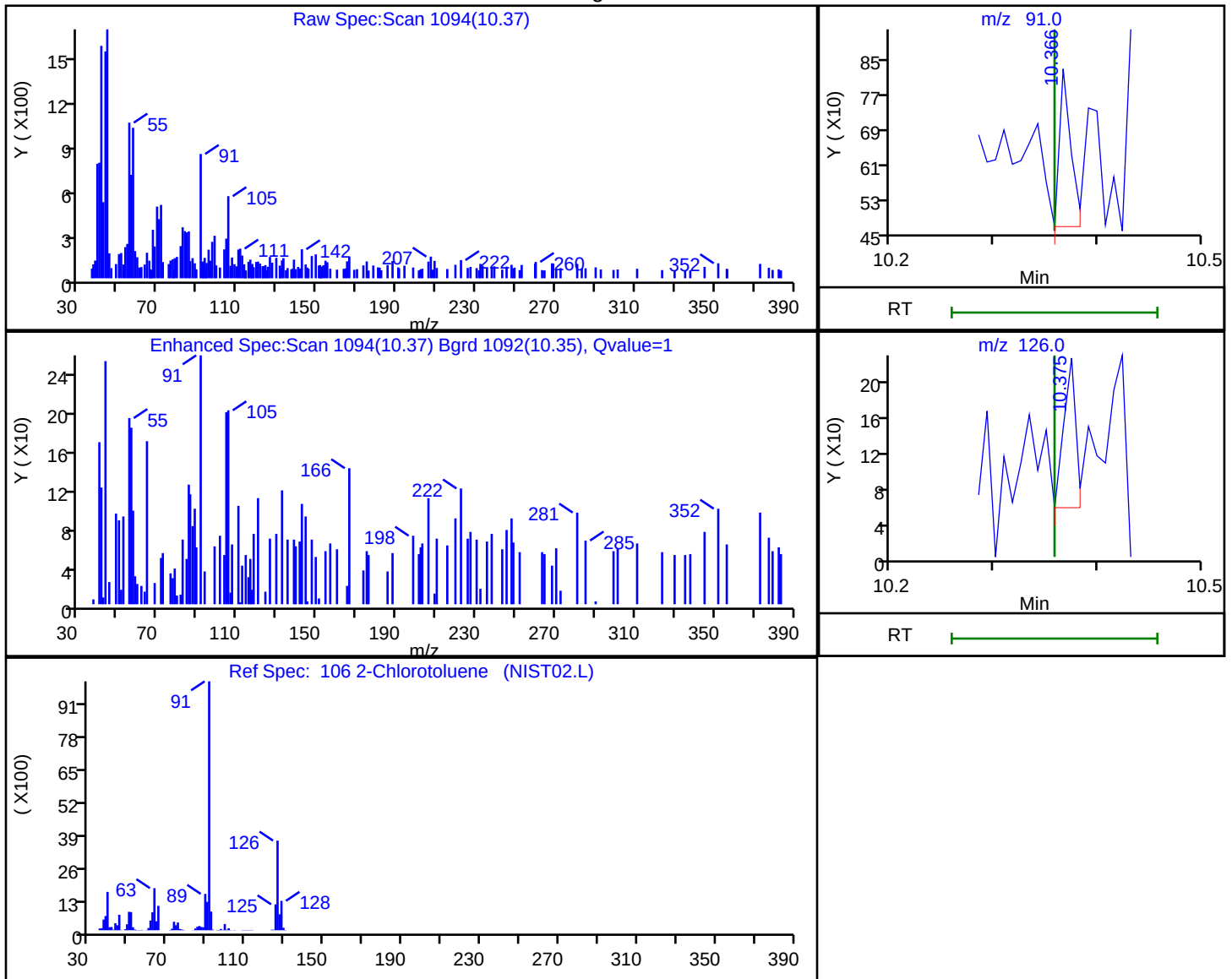
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Processing Results



Reviewer: pakanatir, 02-Dec-2019 10:48:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

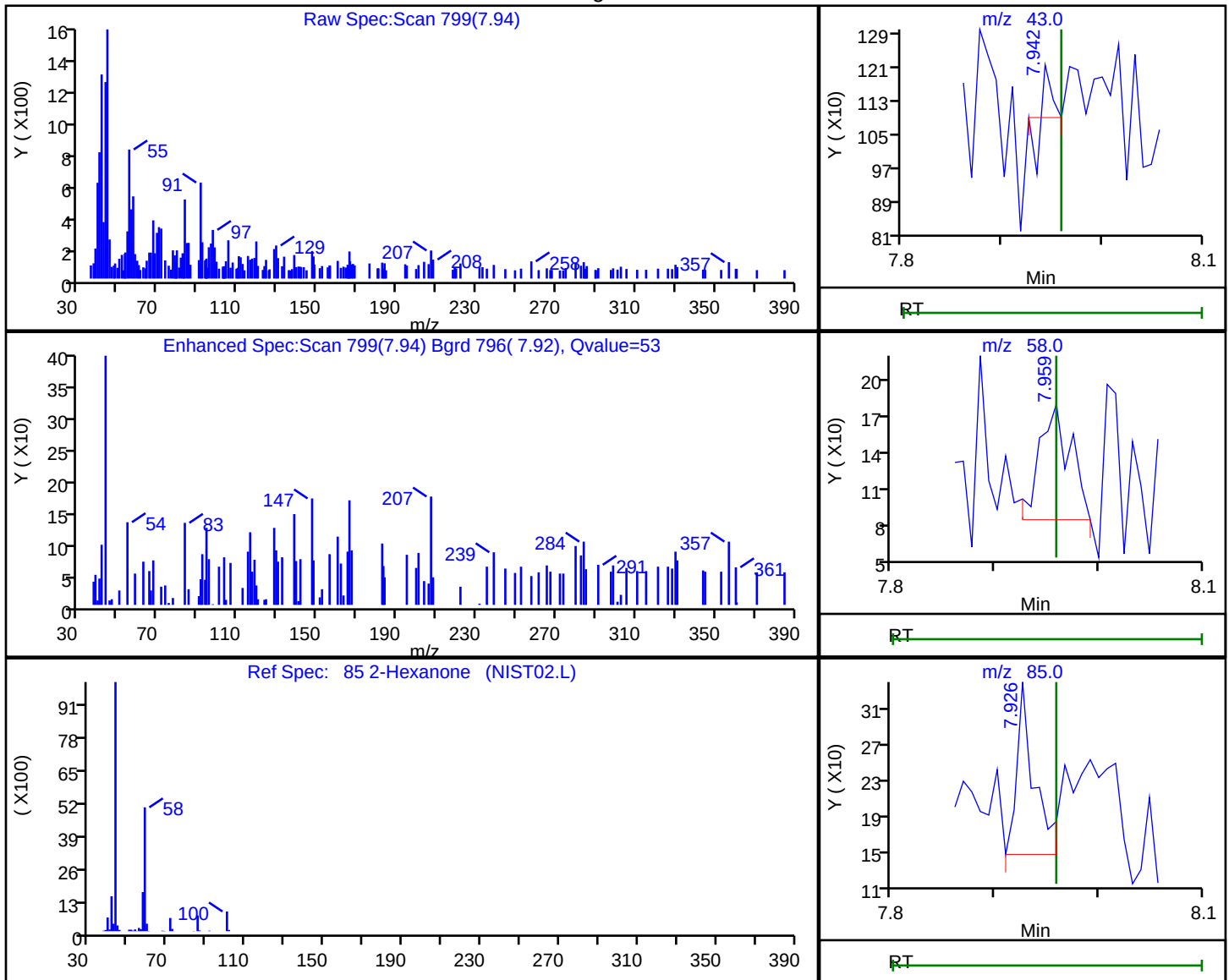
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.94	43.00	16	0.010533
7.96	58.00	185	
7.93	85.00	225	
7.93	100.00	67	

Reviewer: pakanatir, 02-Dec-2019 10:48:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

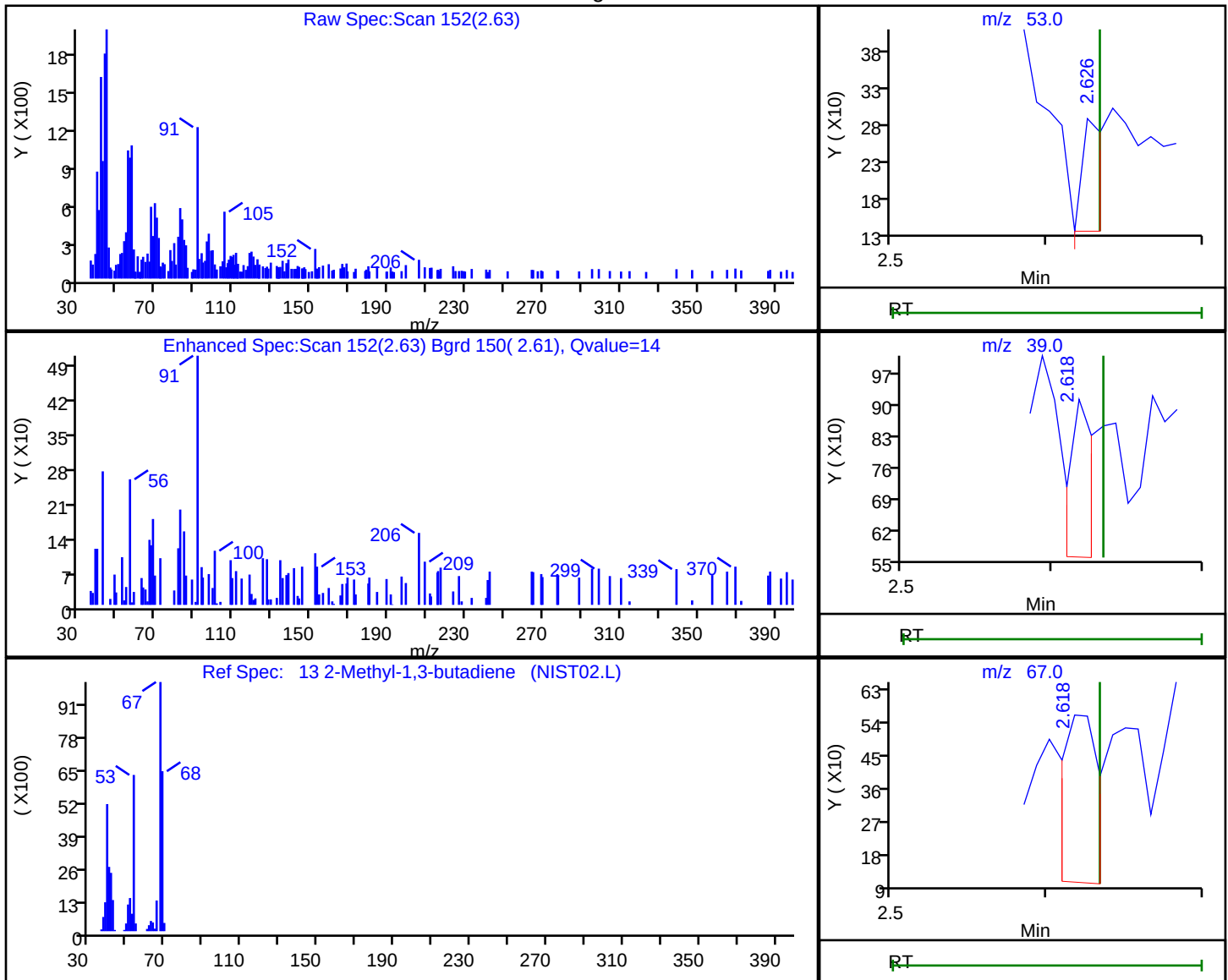
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.63	53.00	139	0.062941
2.62	39.00	378	
2.62	67.00	756	

Reviewer: pakanatir, 02-Dec-2019 10:47:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

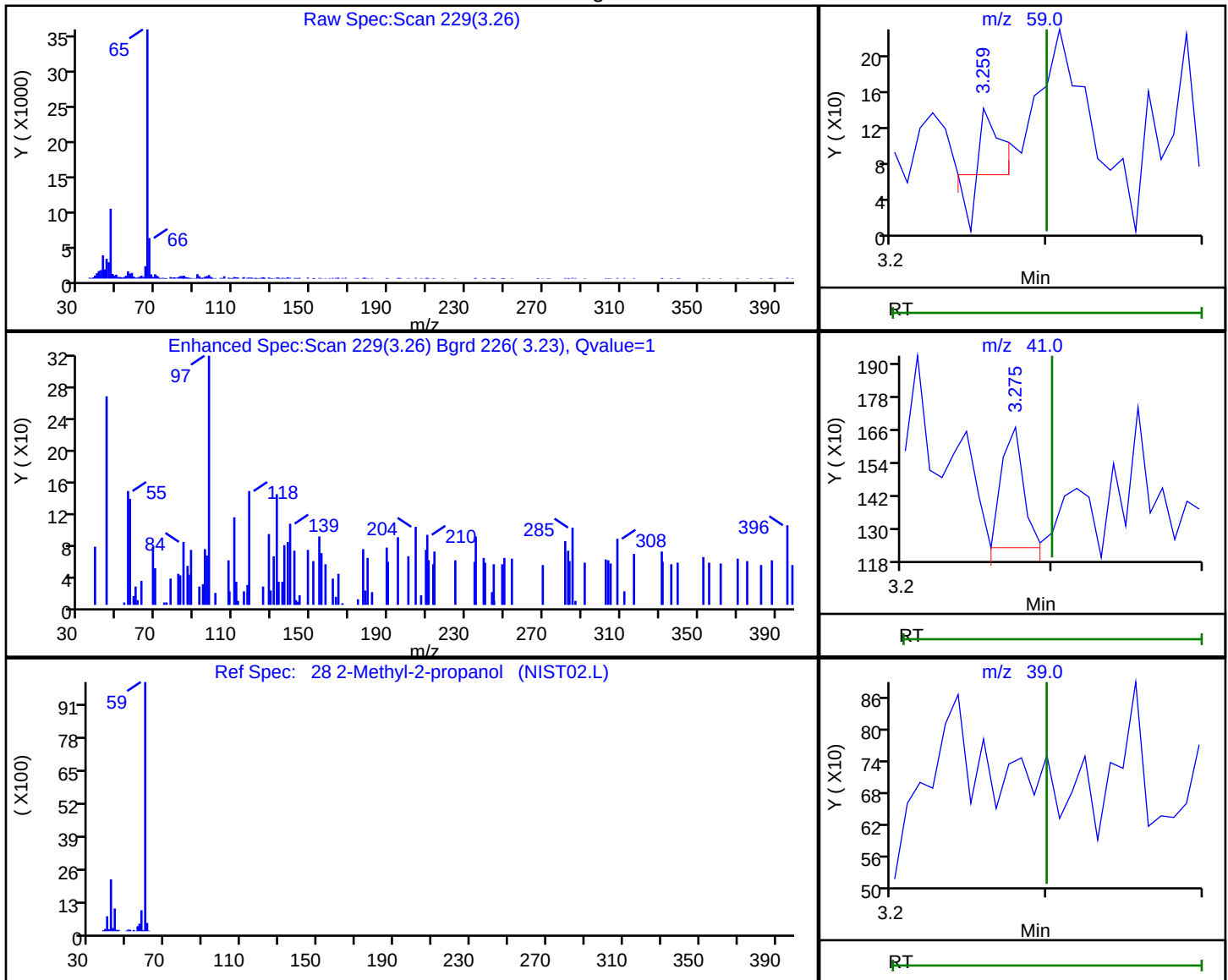
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.26	59.00	43	0.179418
3.28	41.00	448	
3.24	39.00	1377	

Reviewer: pakanatir, 02-Dec-2019 10:47:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

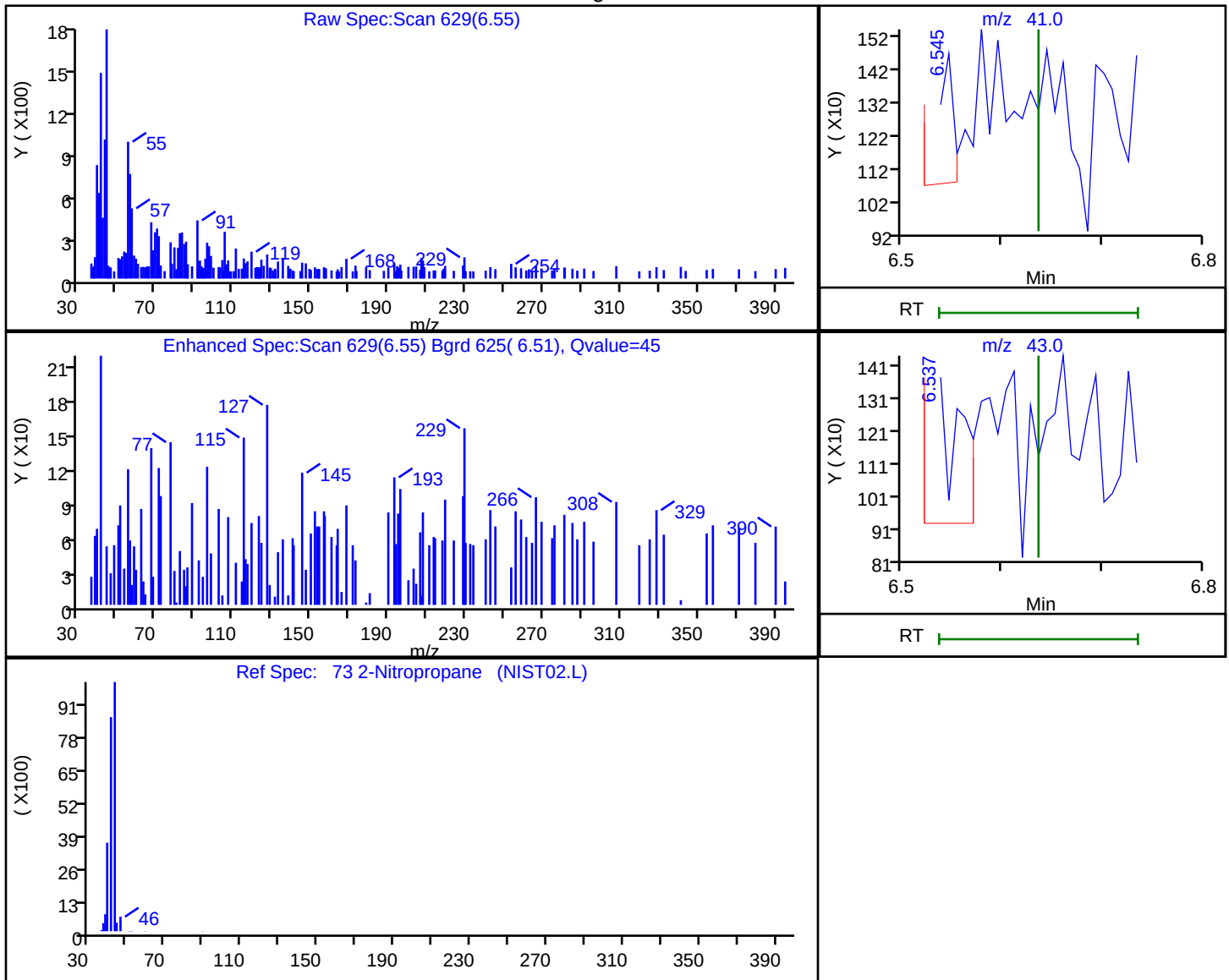
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

73 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.55	41.00	503	0.703722
6.54	43.00	747	

Reviewer: pakanatir, 02-Dec-2019 10:47:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

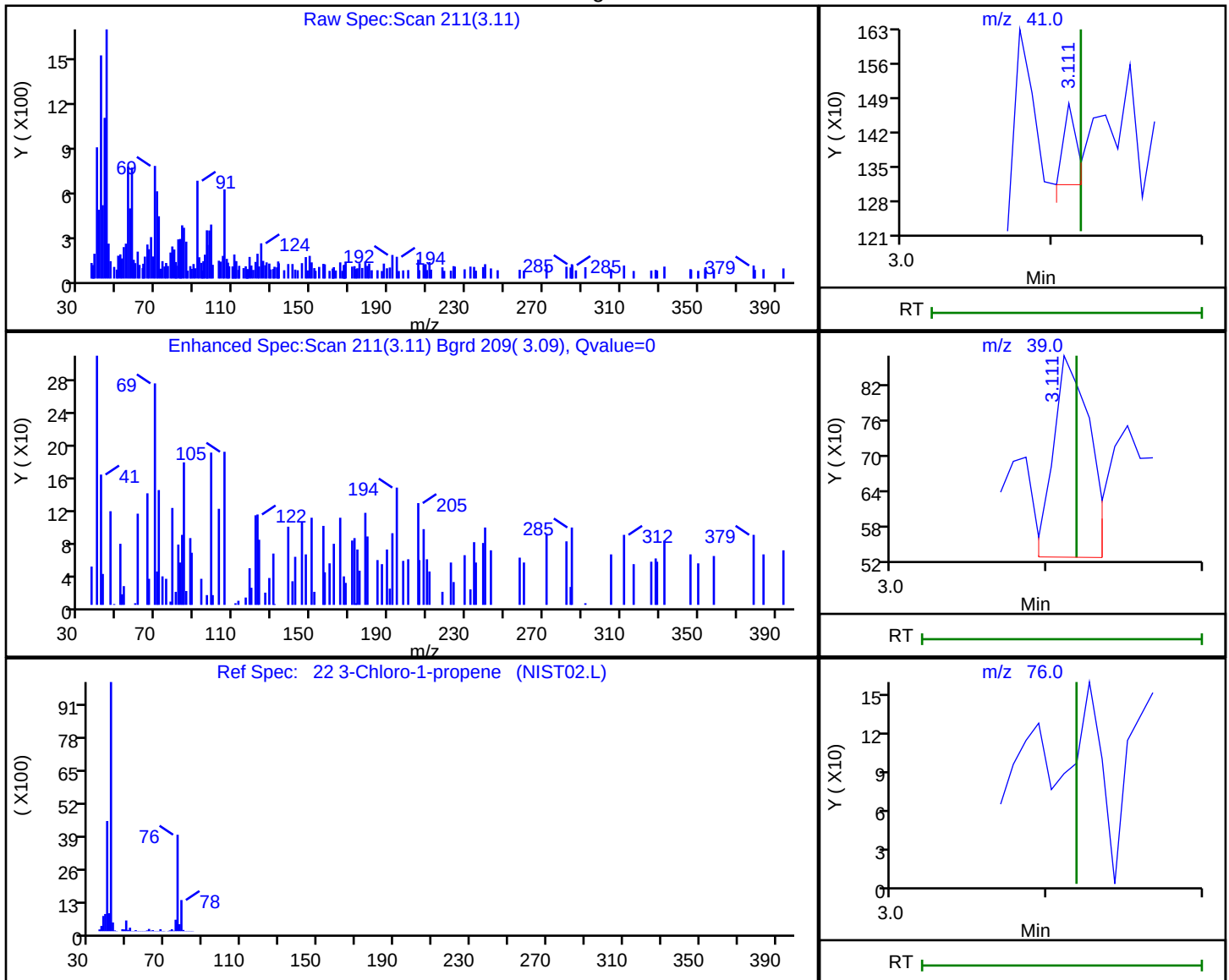
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.11	41.00	104	0.022609
3.11	39.00	565	
3.13	76.00	0	

Reviewer: pakanatir, 02-Dec-2019 10:47:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

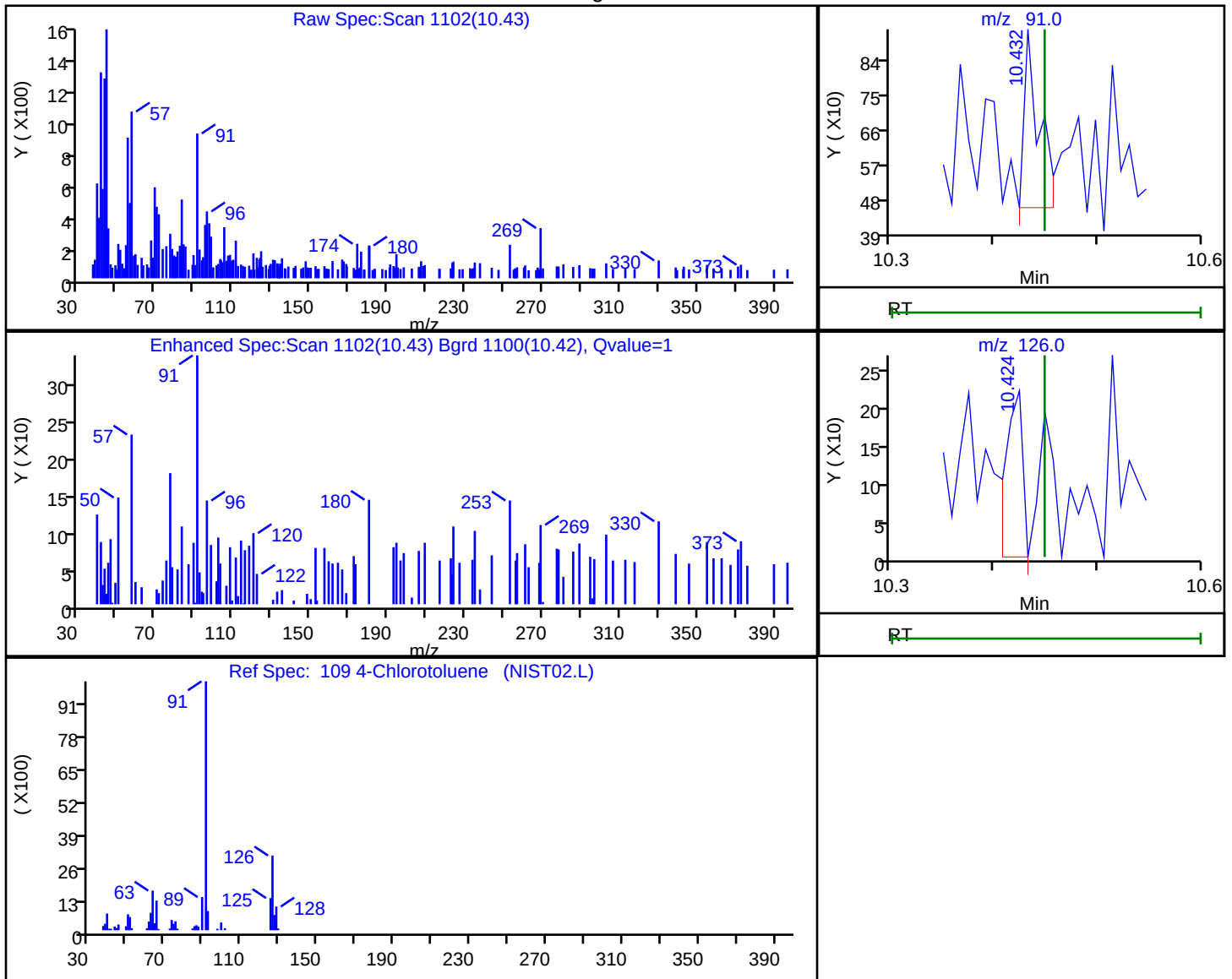
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.43	91.00	462	0.057768
10.42	126.00	250	

Reviewer: pakanatir, 02-Dec-2019 10:48:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

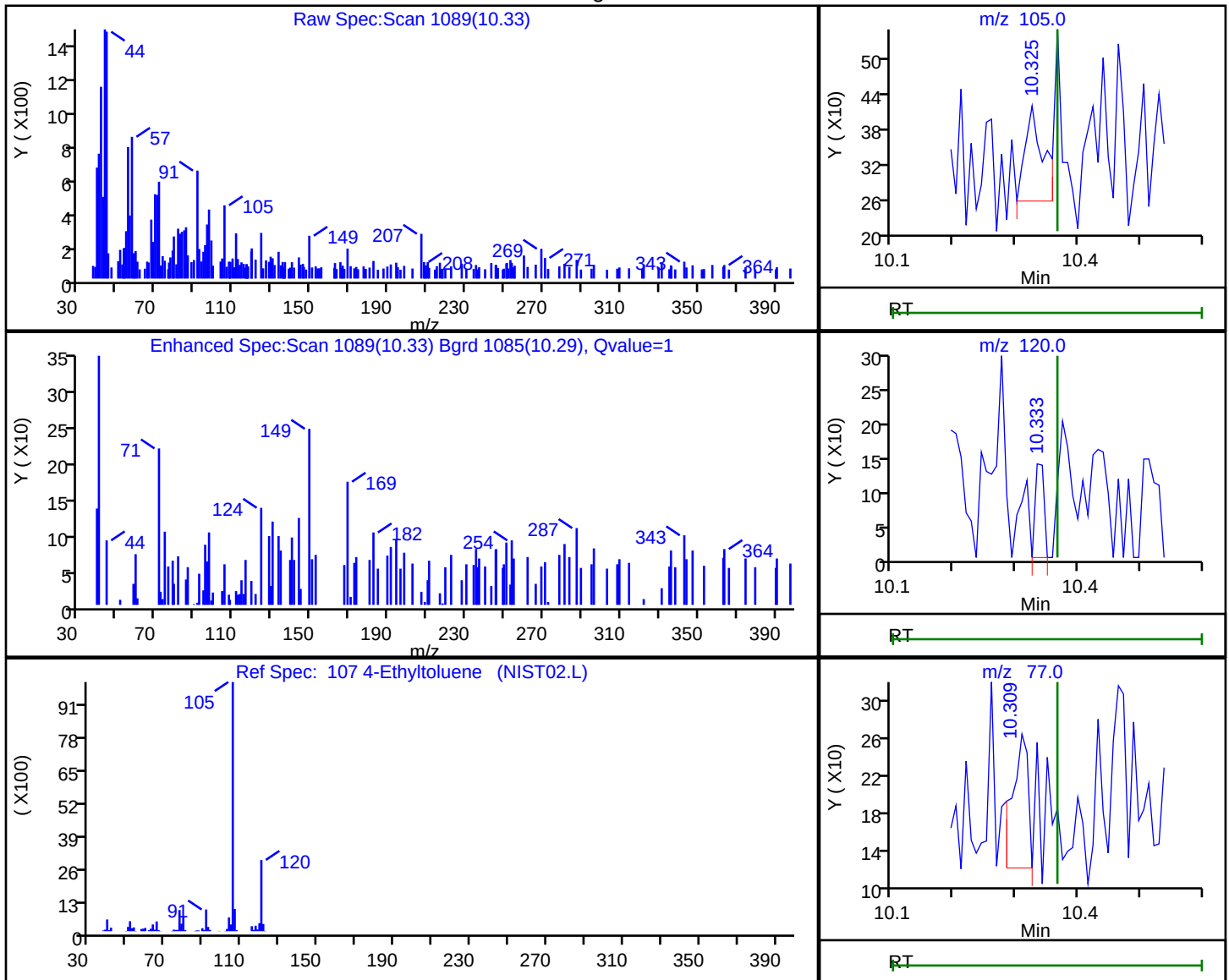
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.33	105.00	316	0.029355
10.33	120.00	133	
10.31	77.00	252	

Reviewer: pakanatir, 02-Dec-2019 10:48:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

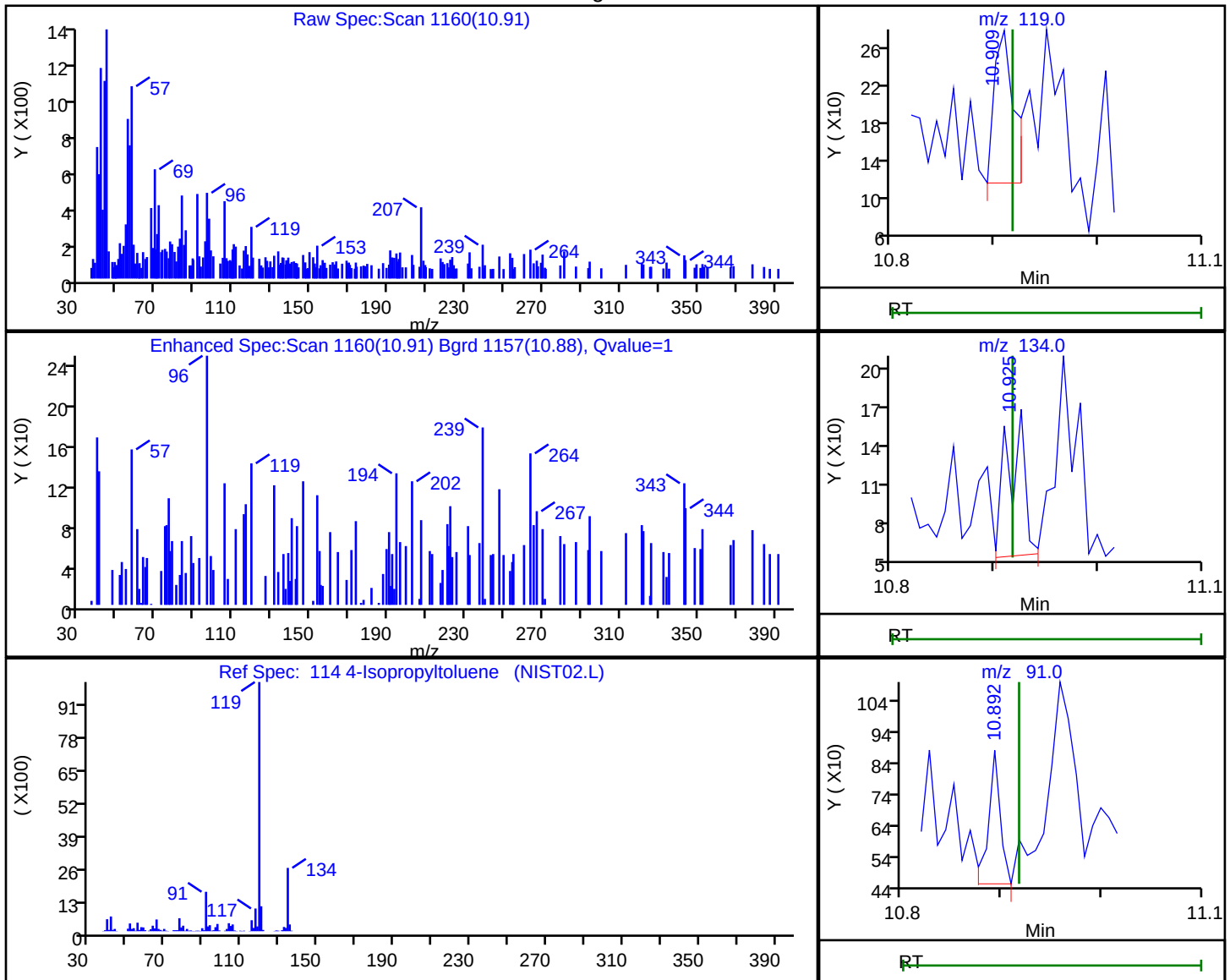
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.91	119.00	207	0.019489
10.93	134.00	135	
10.89	91.00	357	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

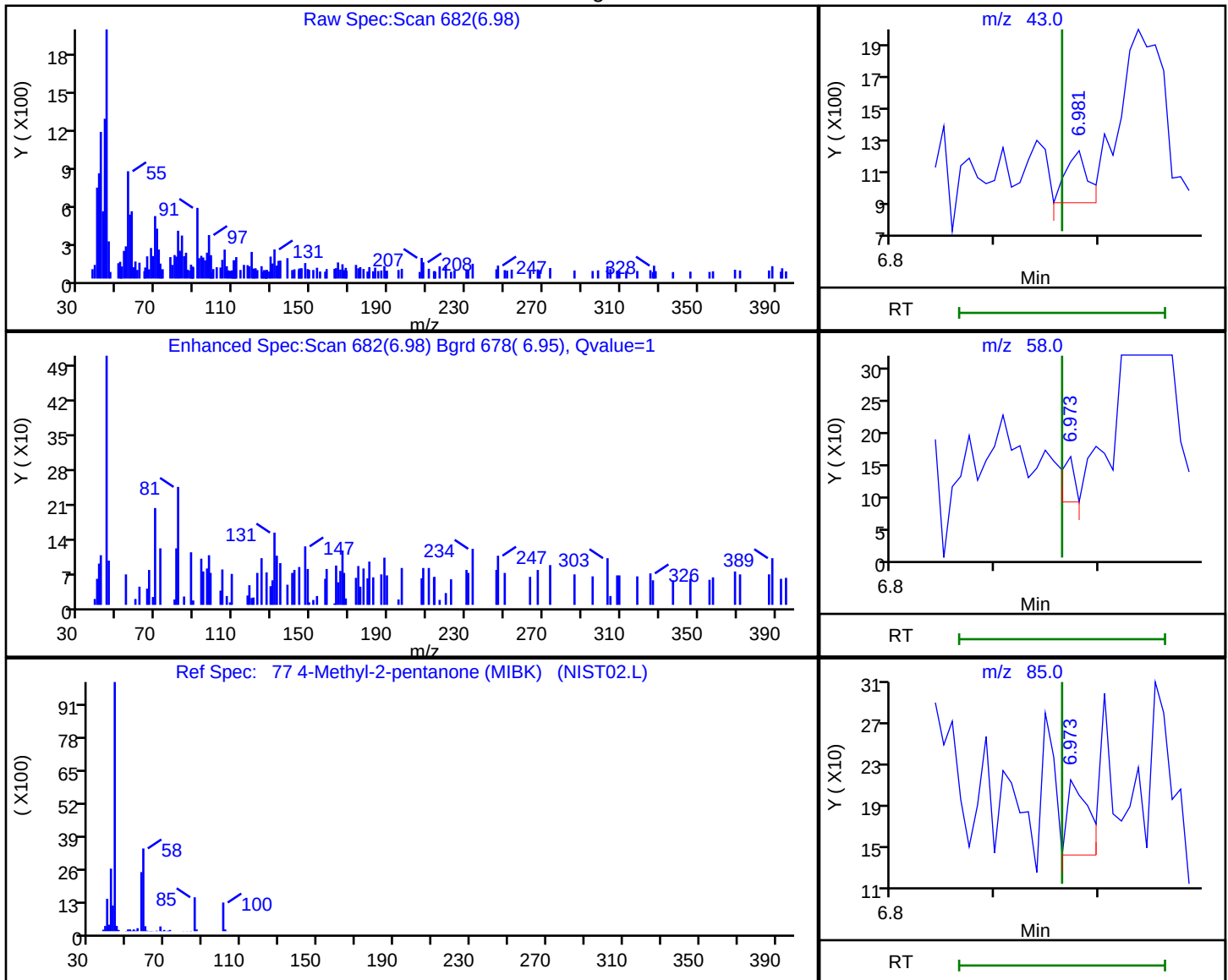
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.98	43.00	489	0.214948
6.97	58.00	60	
6.97	85.00	103	
6.96	100.00	0	

Reviewer: pakanatir, 02-Dec-2019 10:48:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

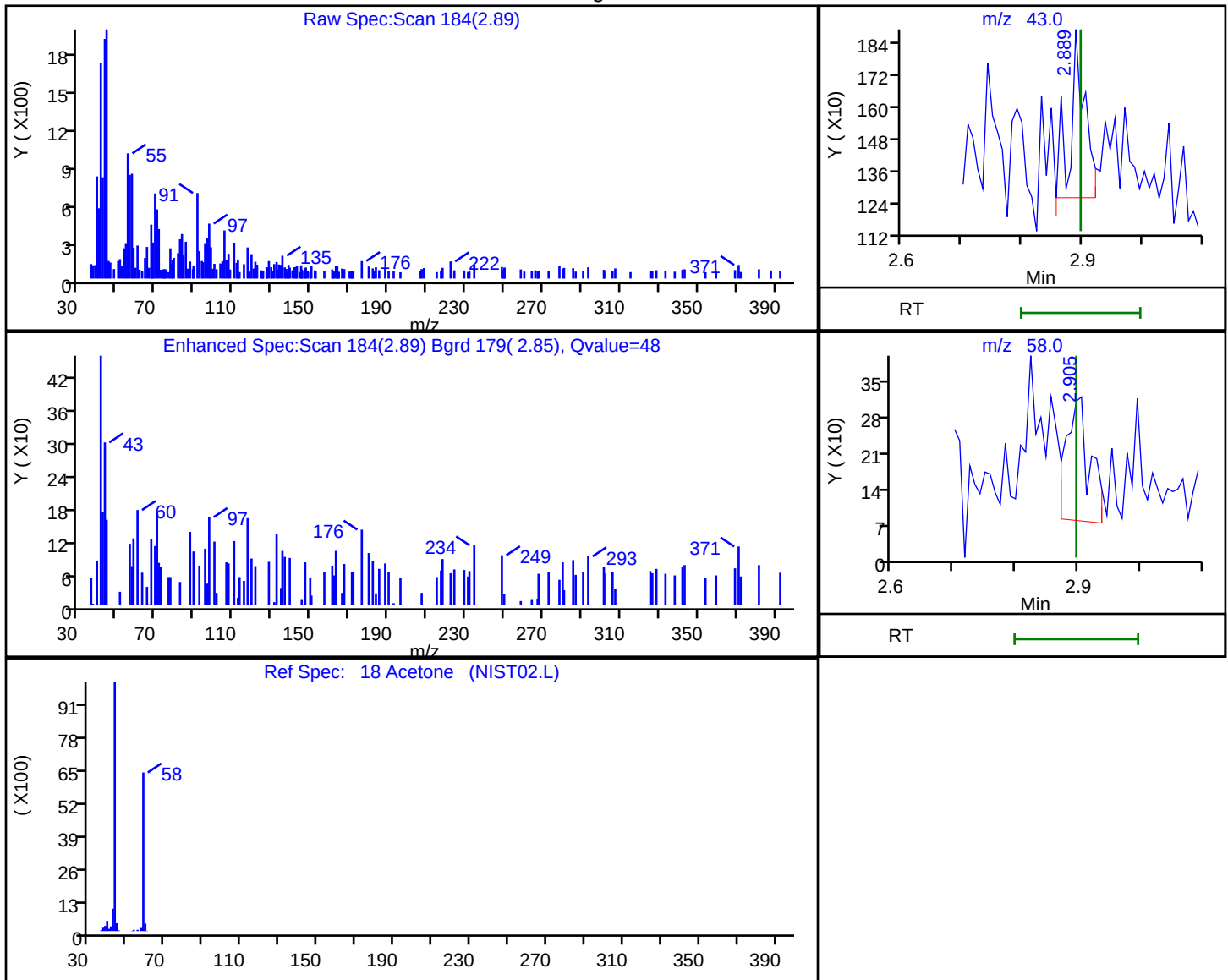
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

18 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.89	43.00	1079	1.383188
2.91	58.00	634	

Reviewer: pakanatir, 02-Dec-2019 10:47:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

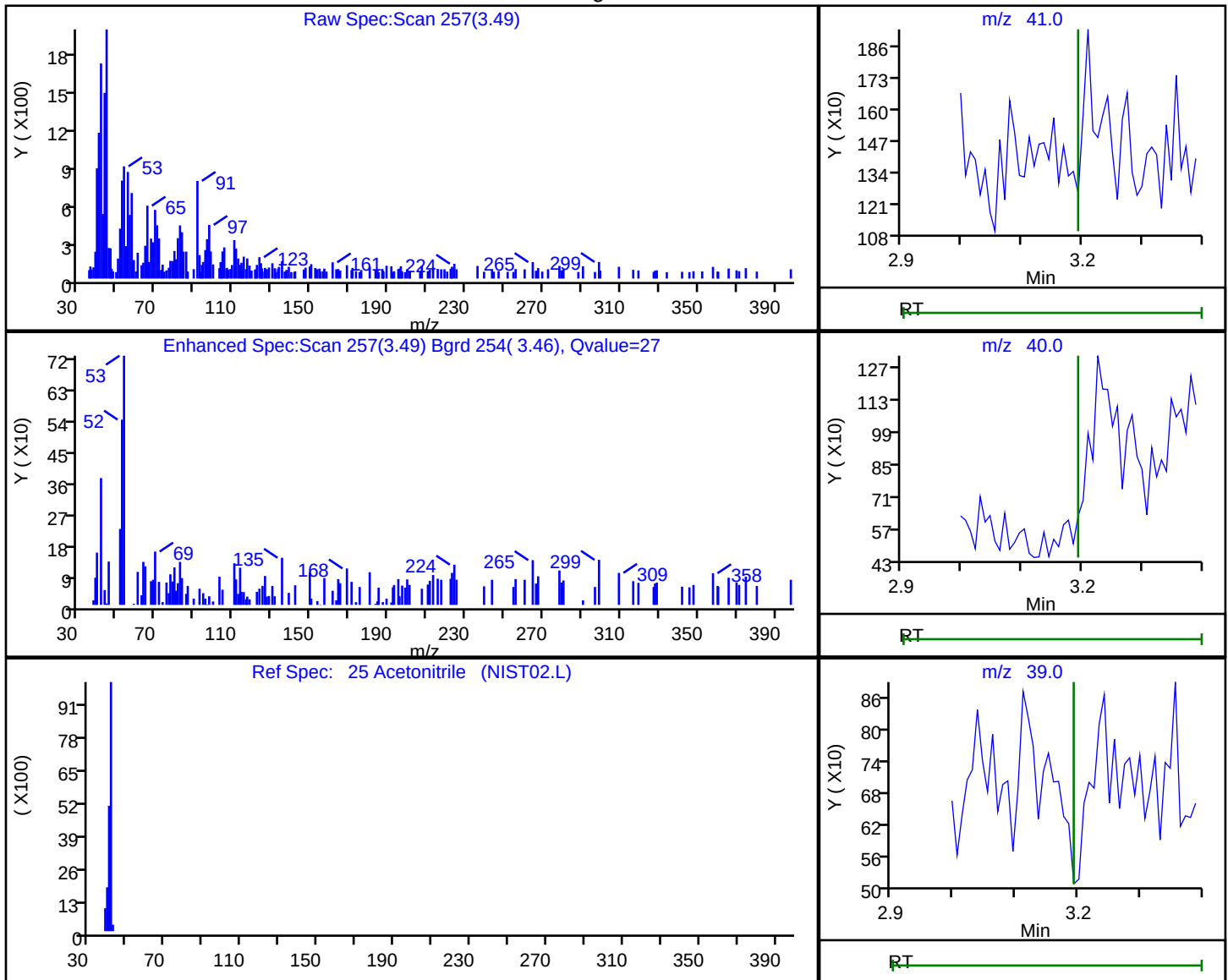
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.49	41.00	1029	2.851075
3.47	40.00	1053	
3.51	39.00	475	
3.51	38.00	361	

Reviewer: pakanatir, 02-Dec-2019 10:47:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

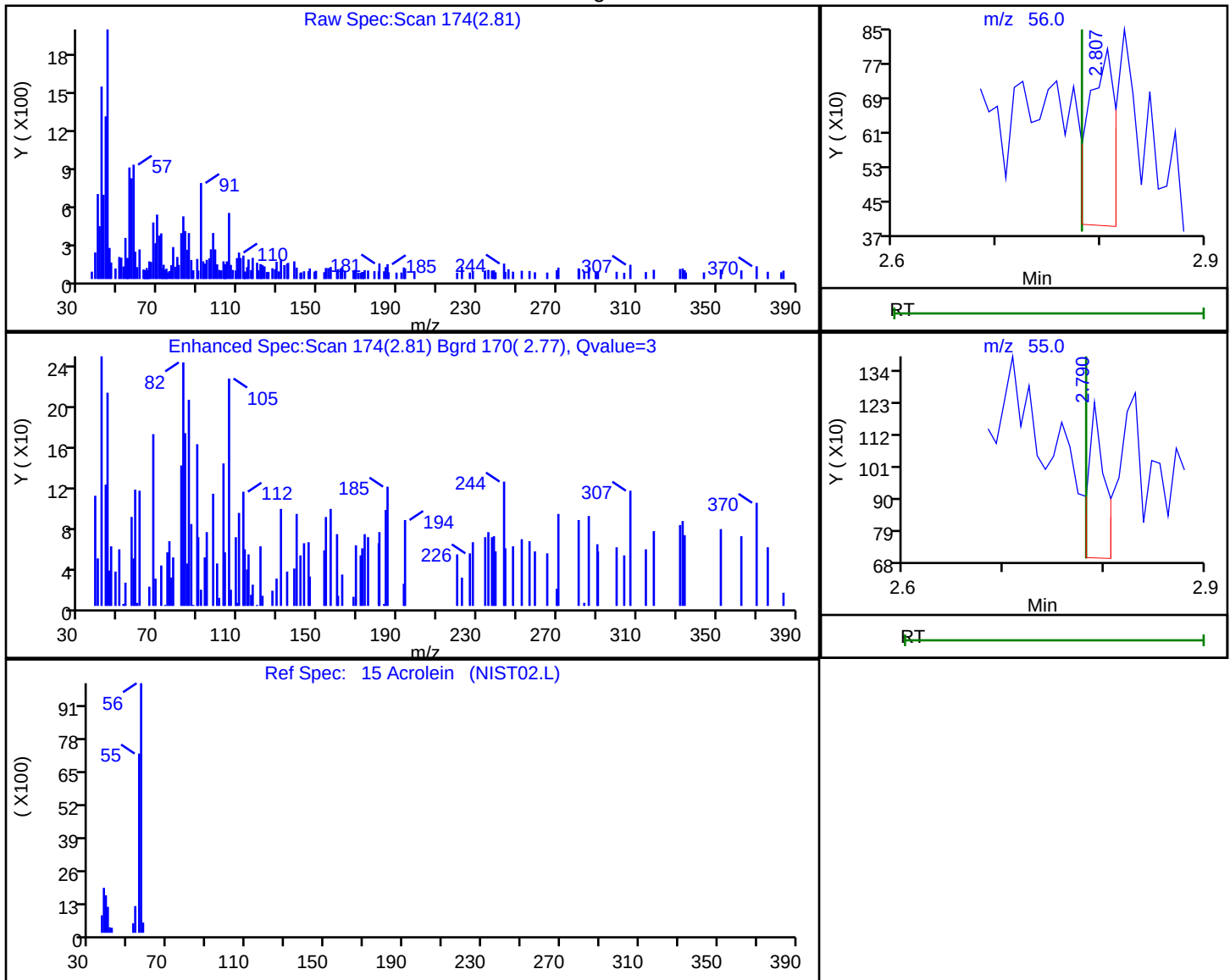
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

15 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.81	56.00	742	2.146951
2.79	55.00	624	

Reviewer: pakanatir, 02-Dec-2019 10:47:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

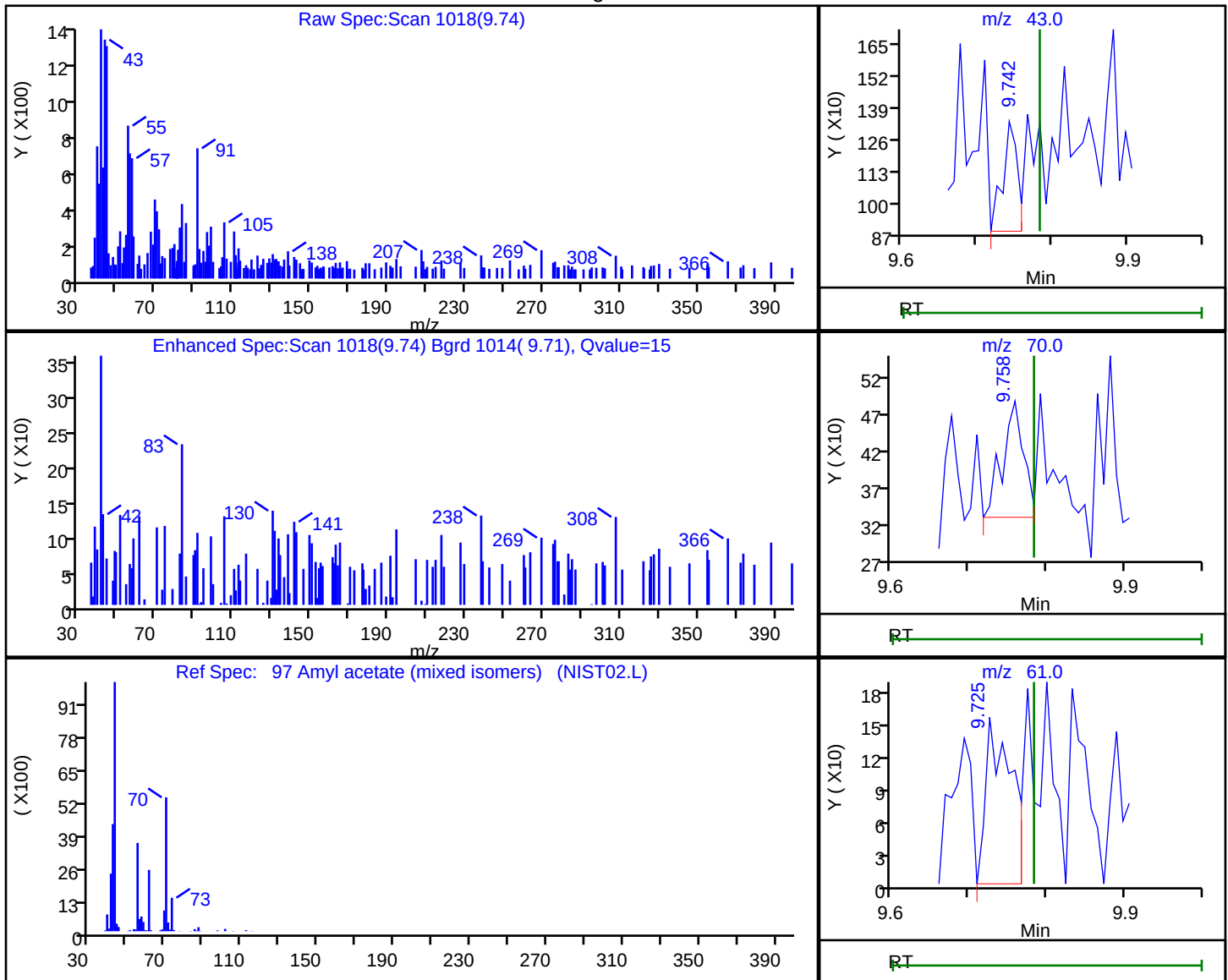
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

97 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.74	43.00	623	0.119156
9.76	70.00	296	
9.73	61.00	349	

Reviewer: pakanatir, 02-Dec-2019 10:48:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

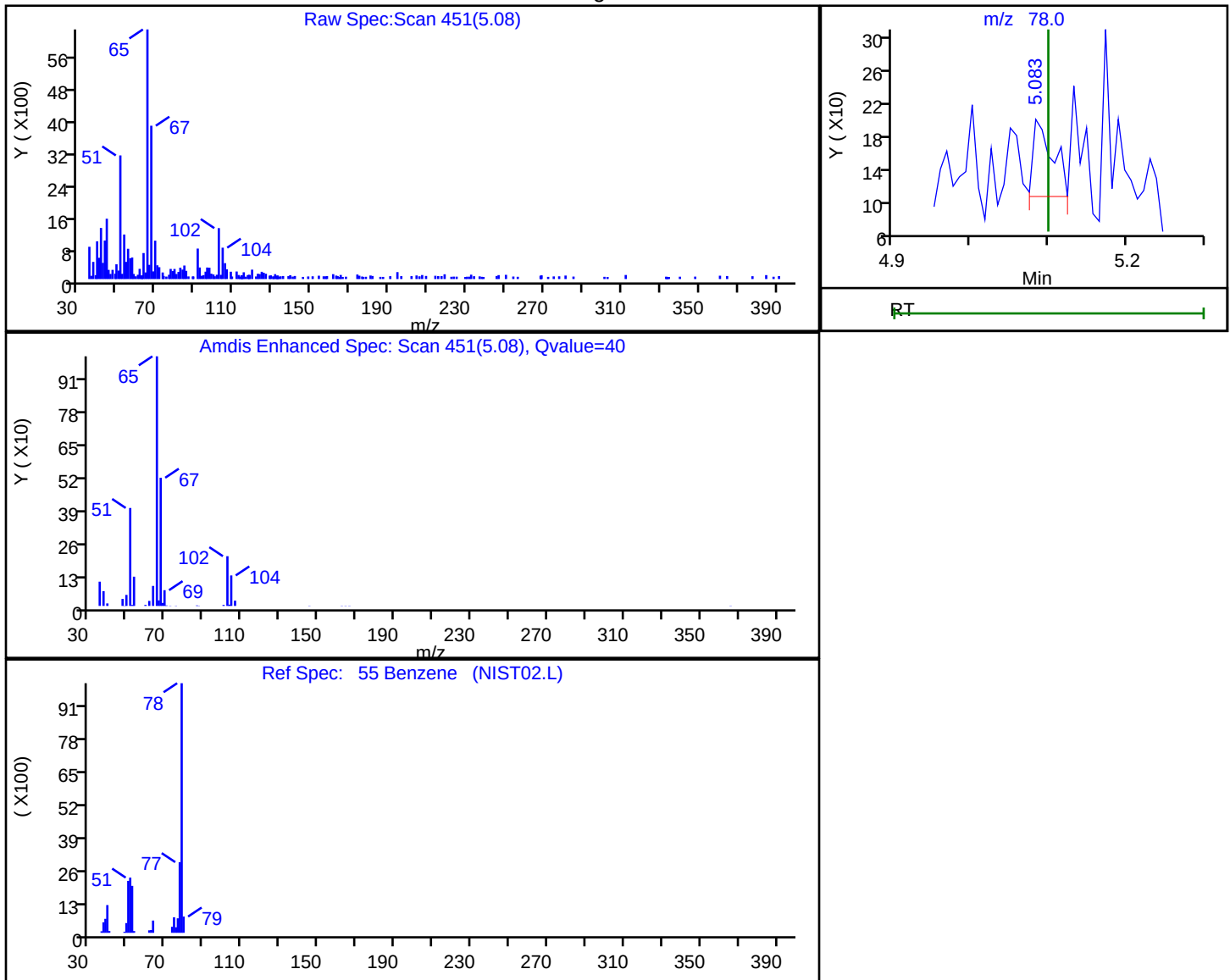
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

55 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.08	78.00	156	0.017954

Reviewer: pakanatir, 02-Dec-2019 10:47:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

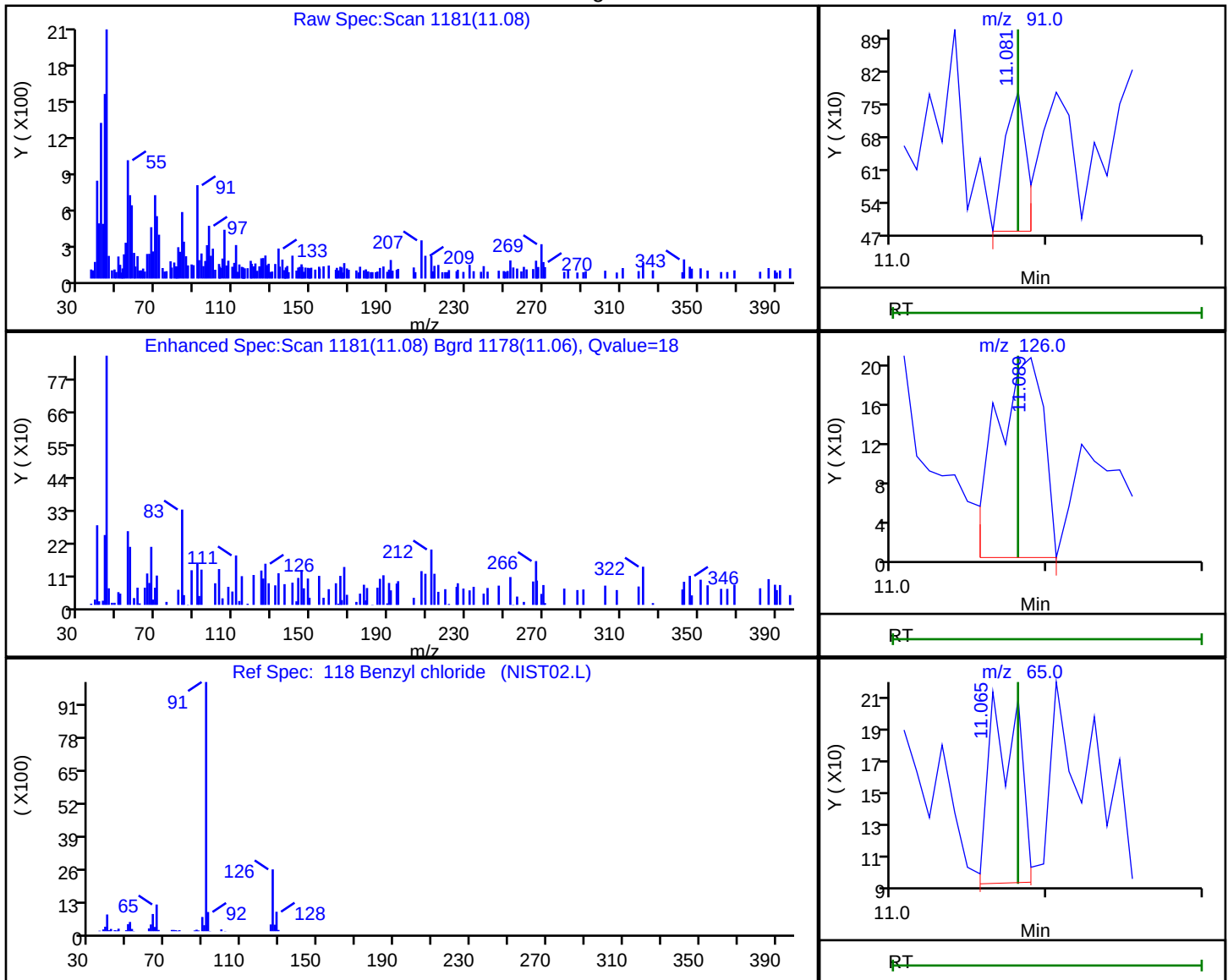
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.08	91.00	295	0.044525
11.09	126.00	429	
11.06	65.00	148	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

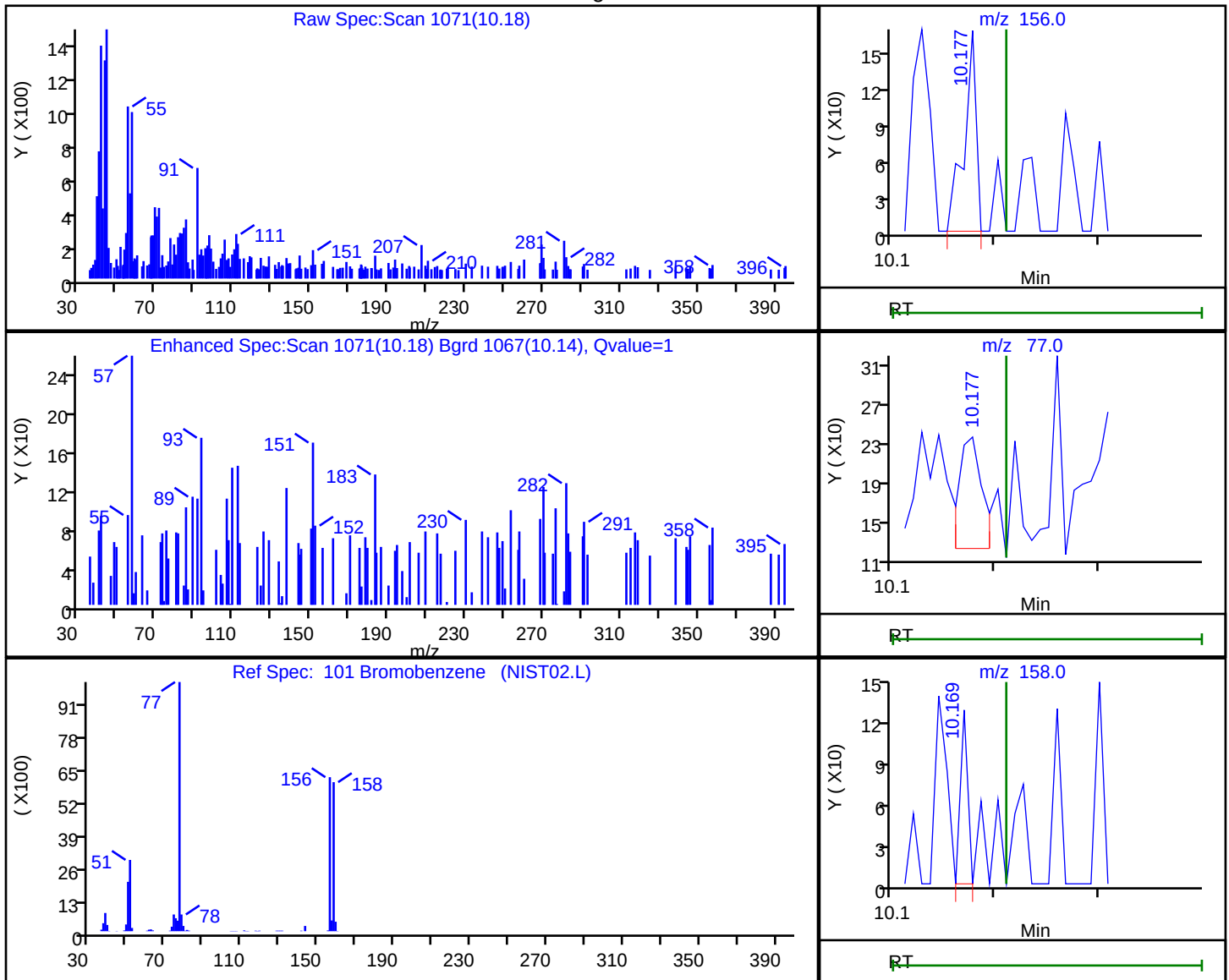
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

101 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
10.18	156.00	132	0.051349
10.18	77.00	175	
10.17	158.00	61	

Reviewer: pakanatir, 02-Dec-2019 10:48:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

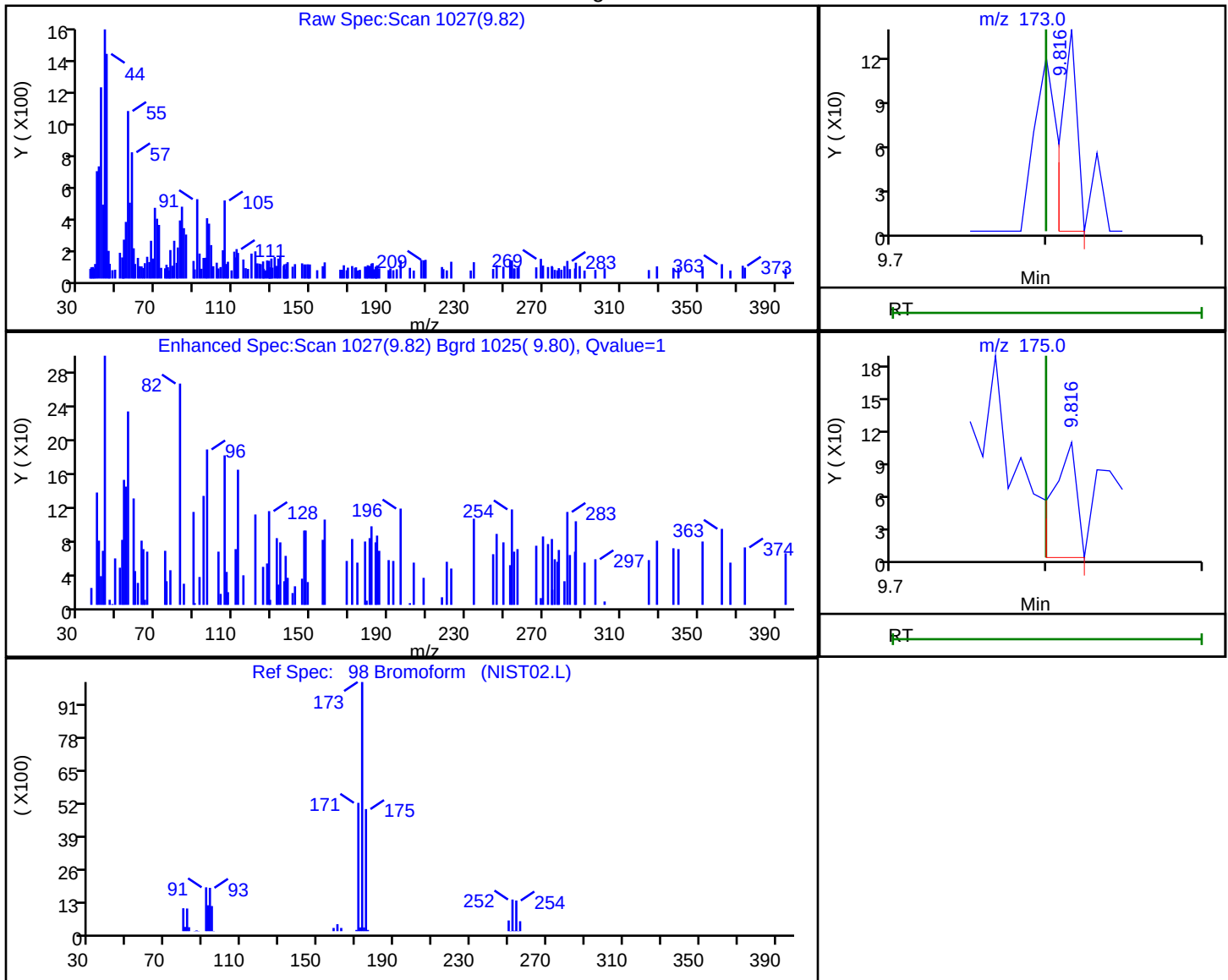
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

98 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
9.82	173.00	97	0.063120
9.82	175.00	112	

Reviewer: pakanatir, 02-Dec-2019 10:48:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

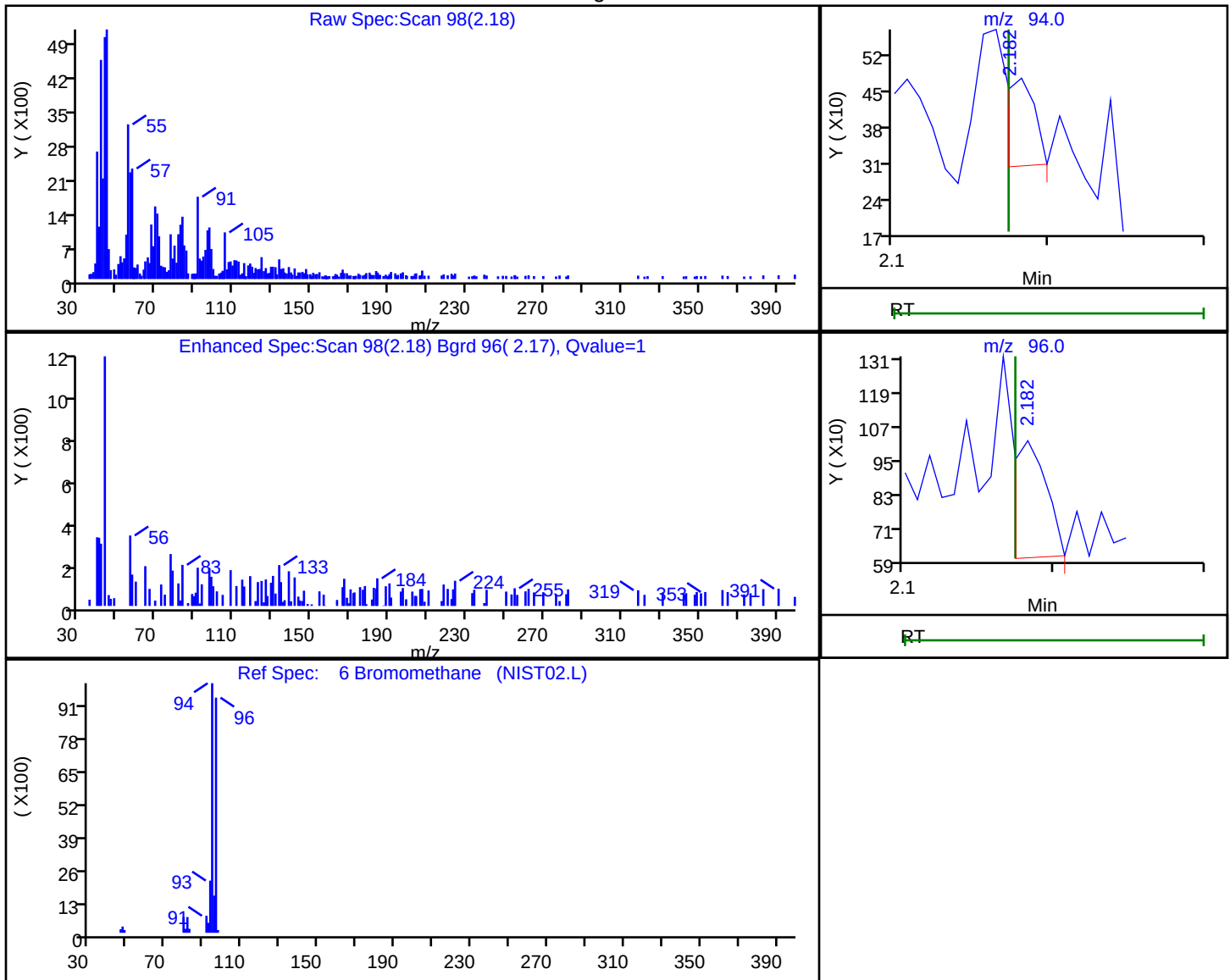
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.18	94.00	215	0.250000
2.18	96.00	639	

Reviewer: boykink, 29-Nov-2019 22:36:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

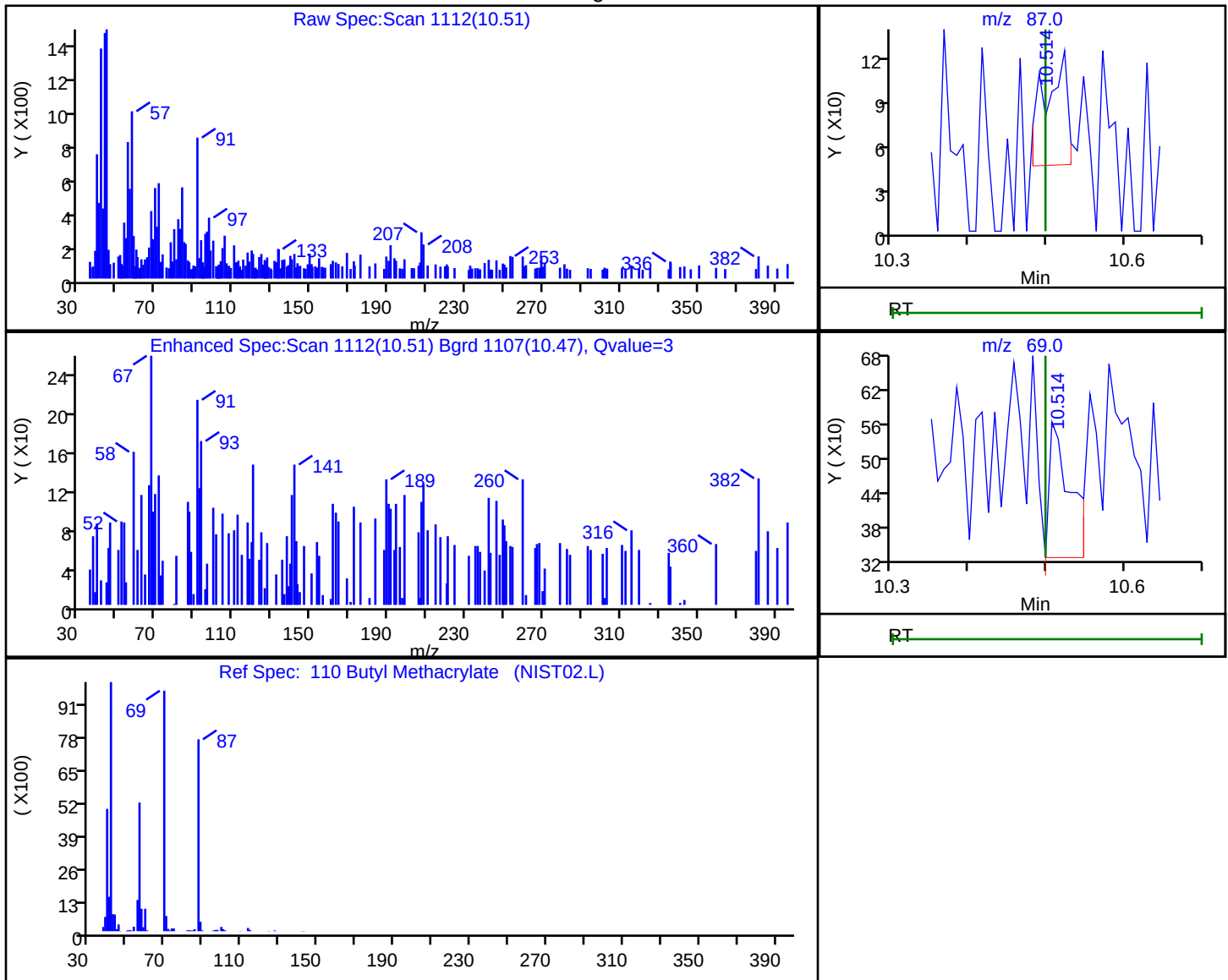
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

110 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
10.51	87.00	153	0.043340
10.51	69.00	436	

Reviewer: pakanatir, 02-Dec-2019 10:48:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

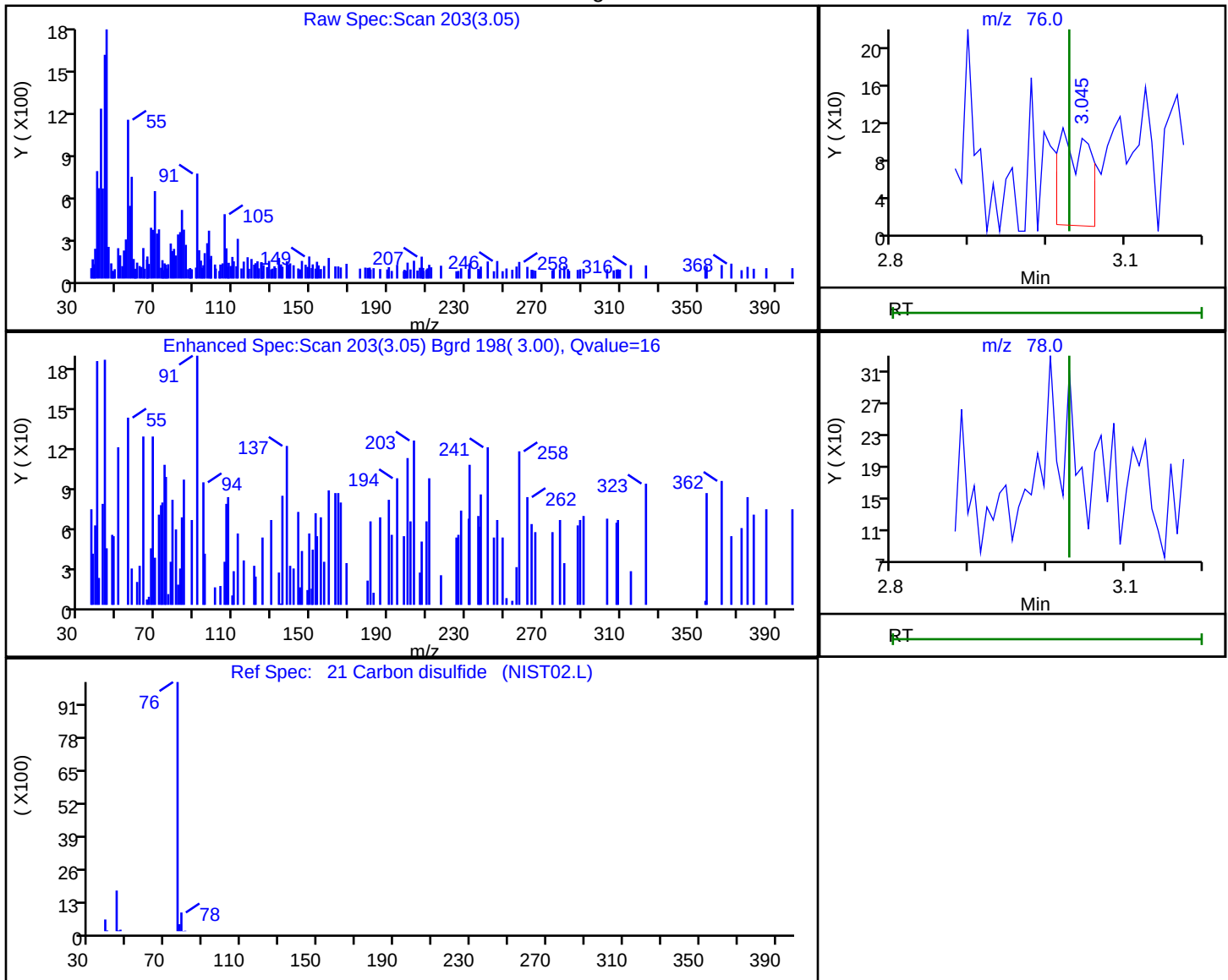
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.05	76.00	275	0.031472
3.04	78.00	0	

Reviewer: pakanatir, 02-Dec-2019 10:47:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

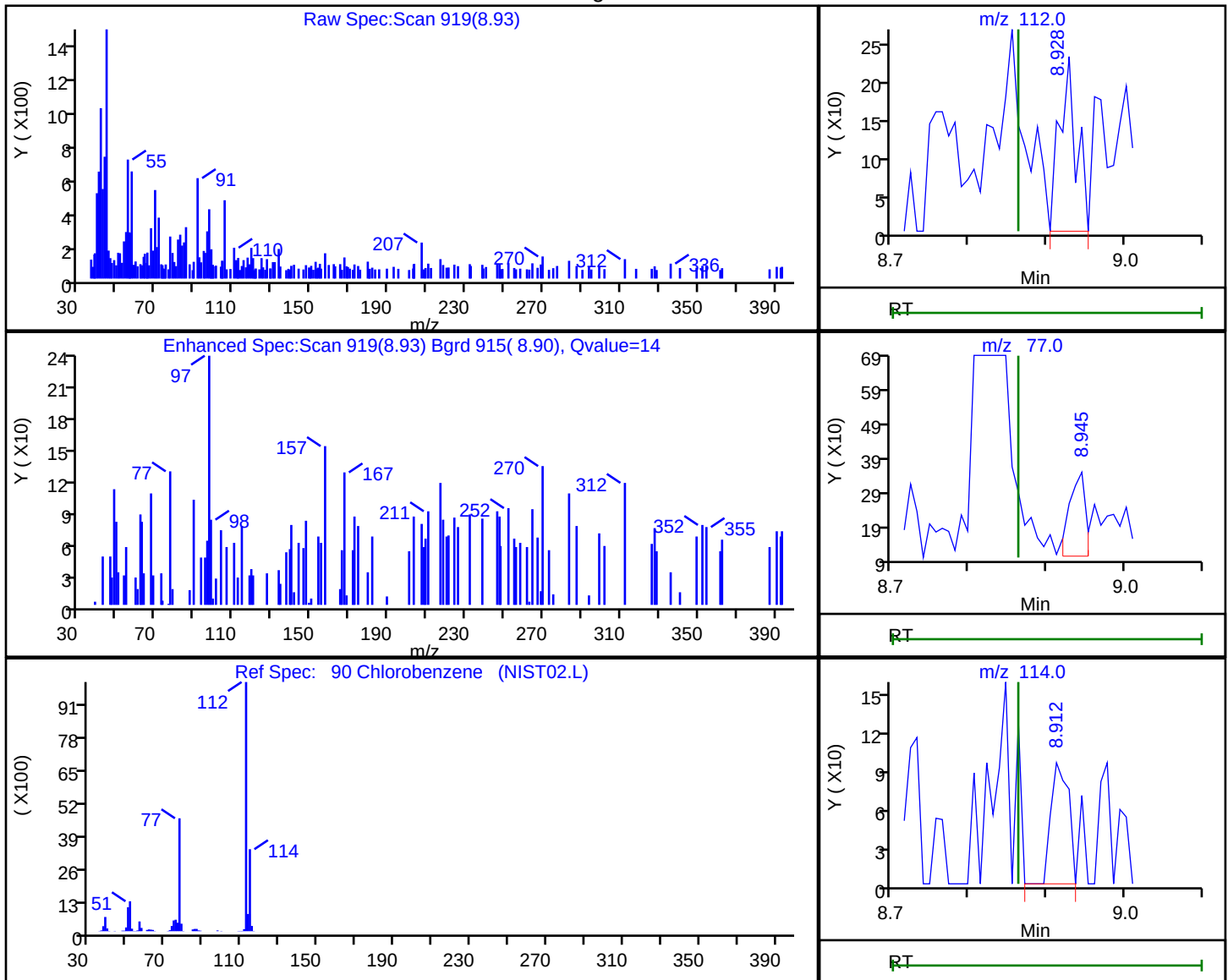
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

90 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
8.93	112.00	350	0.060177
8.94	77.00	362	
8.91	114.00	151	

Reviewer: pakanatir, 02-Dec-2019 10:48:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

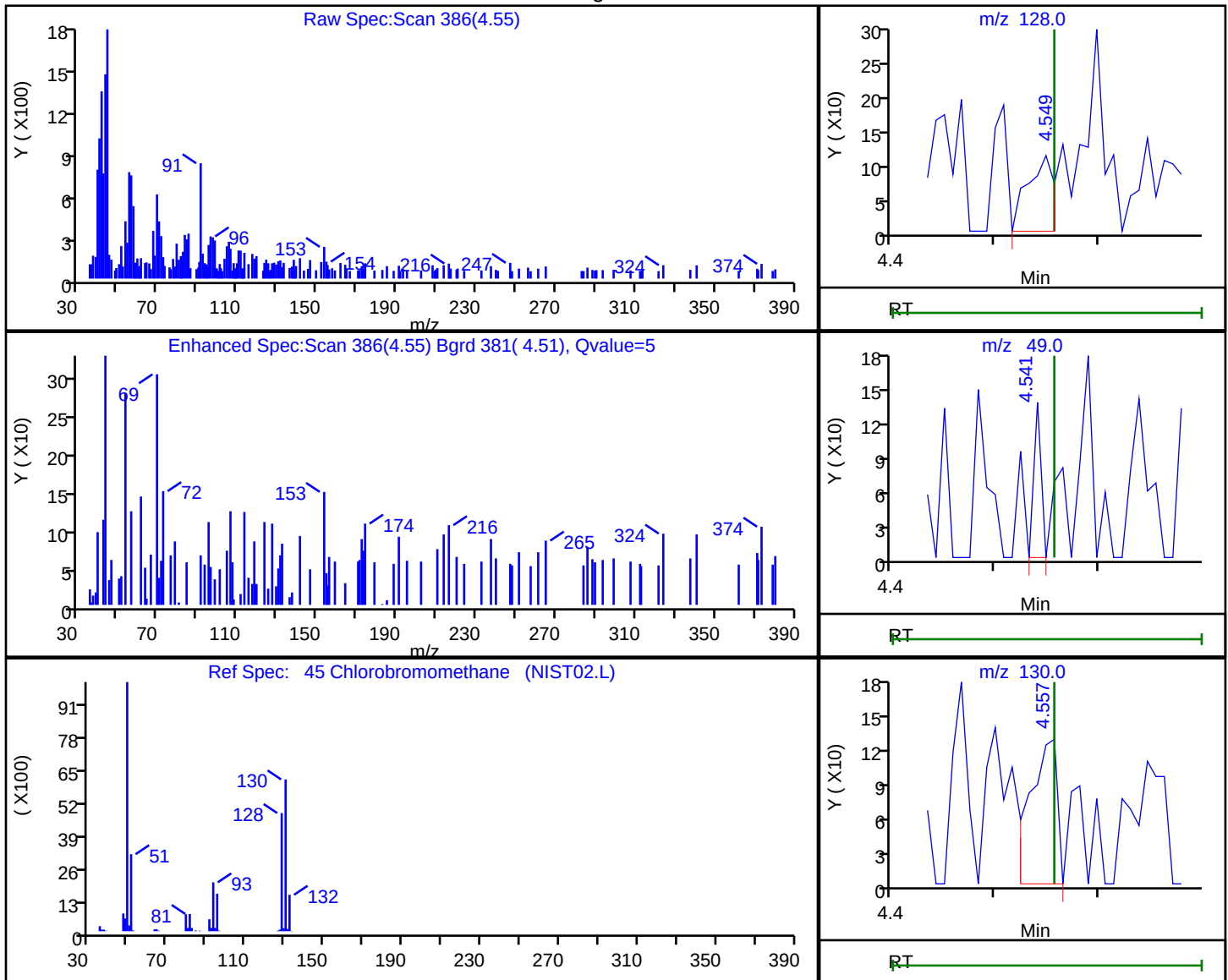
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

45 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.55	128.00	192	0.158703
4.54	49.00	66	
4.56	130.00	227	

Reviewer: pakanatir, 02-Dec-2019 10:47:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

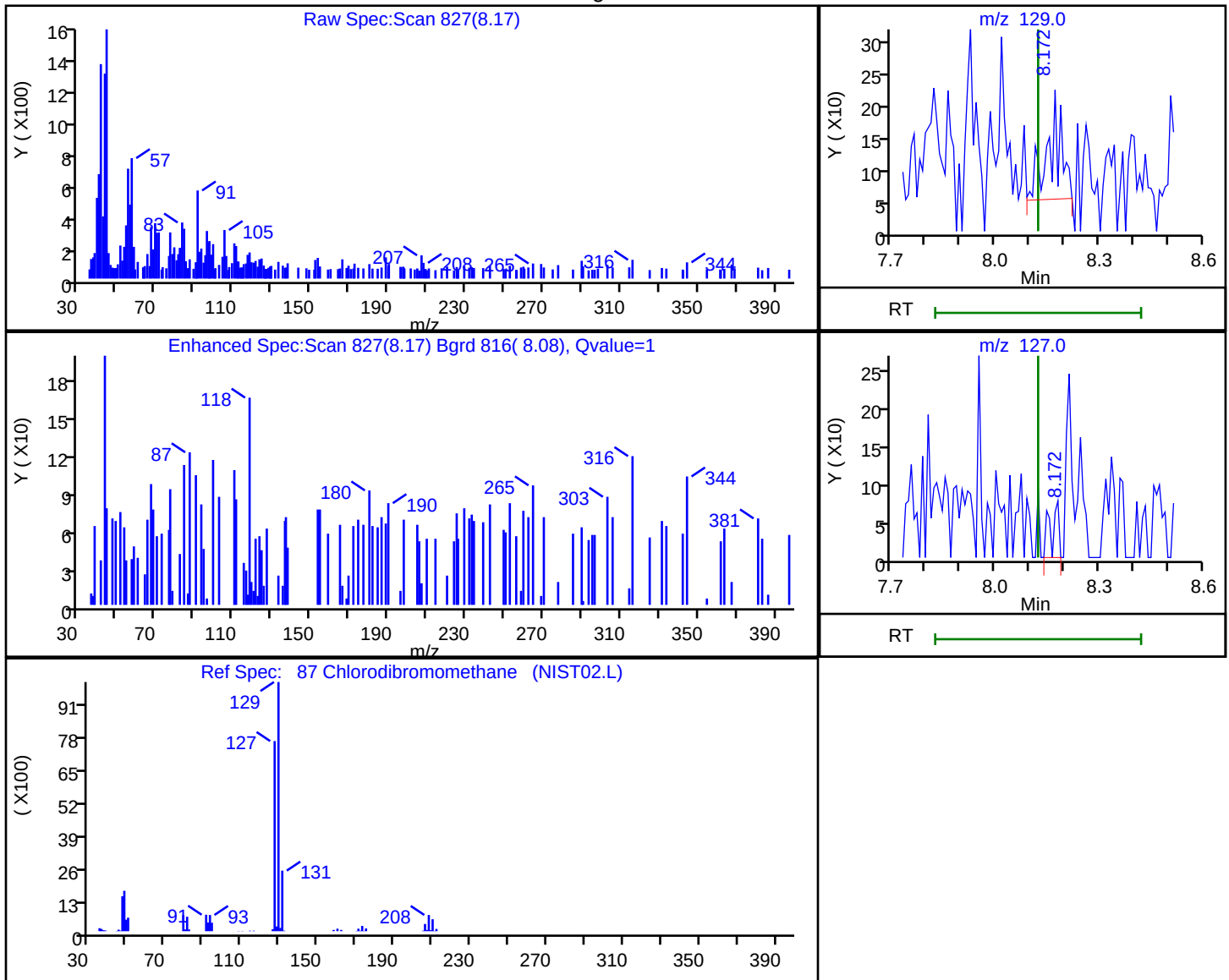
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 Chlorodibromomethane, CAS: 124-48-1

Processing Results



Reviewer: pakanatir, 02-Dec-2019 10:48:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

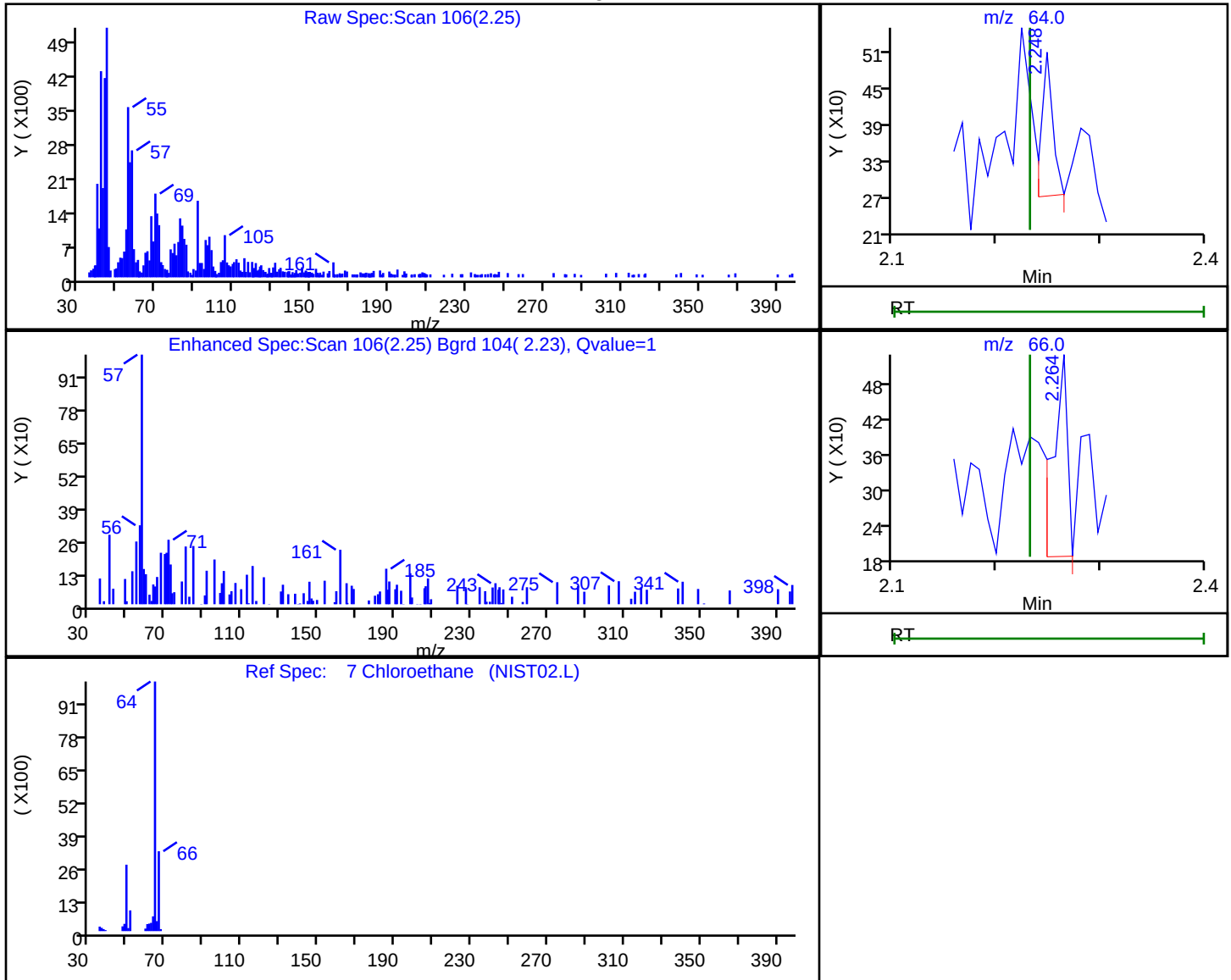
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.25	64.00	177	0.250000
2.26	66.00	338	

Reviewer: boykink, 29-Nov-2019 22:36:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

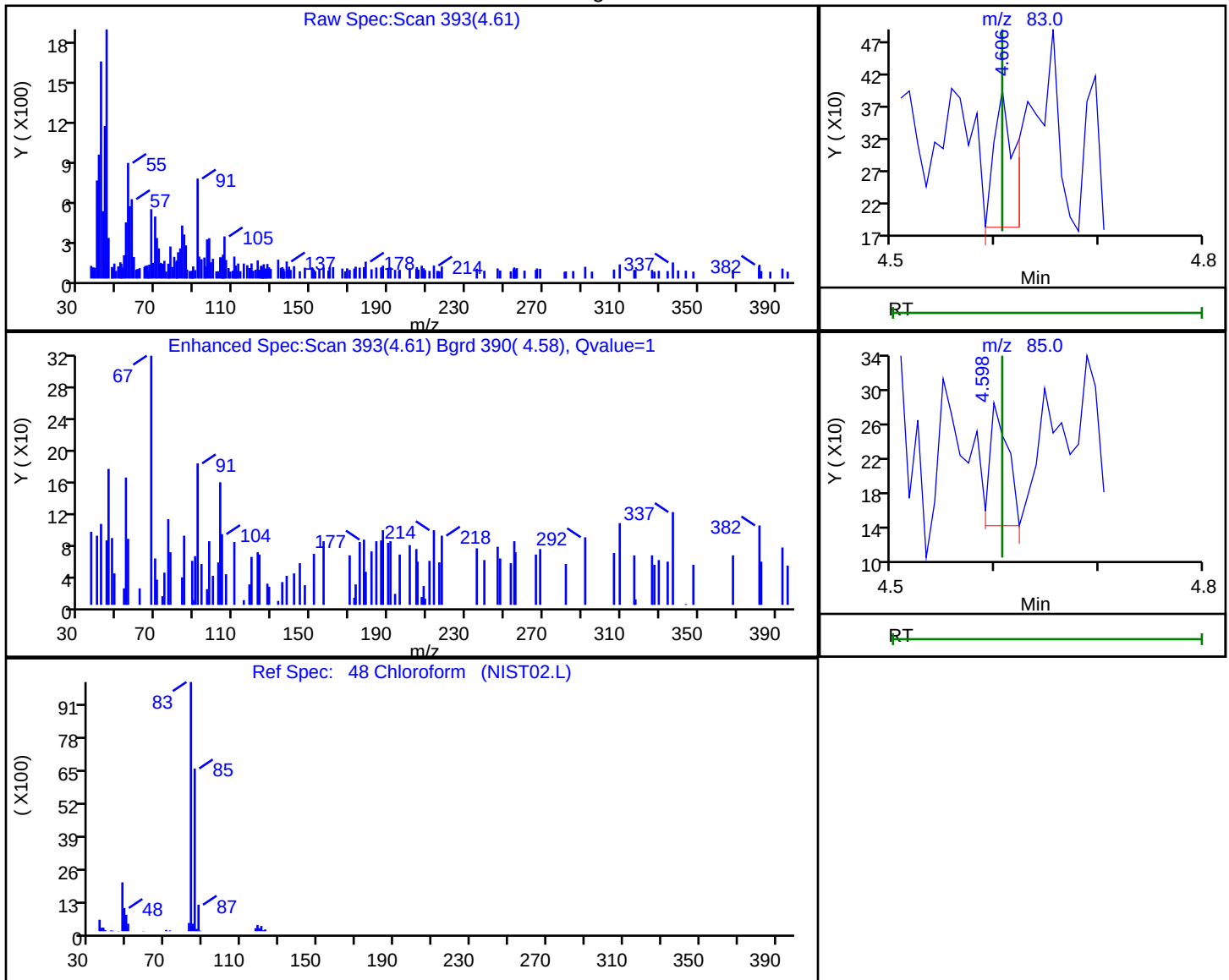
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.61	83.00	285	0.073094
4.60	85.00	172	

Reviewer: pakanatir, 02-Dec-2019 10:47:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

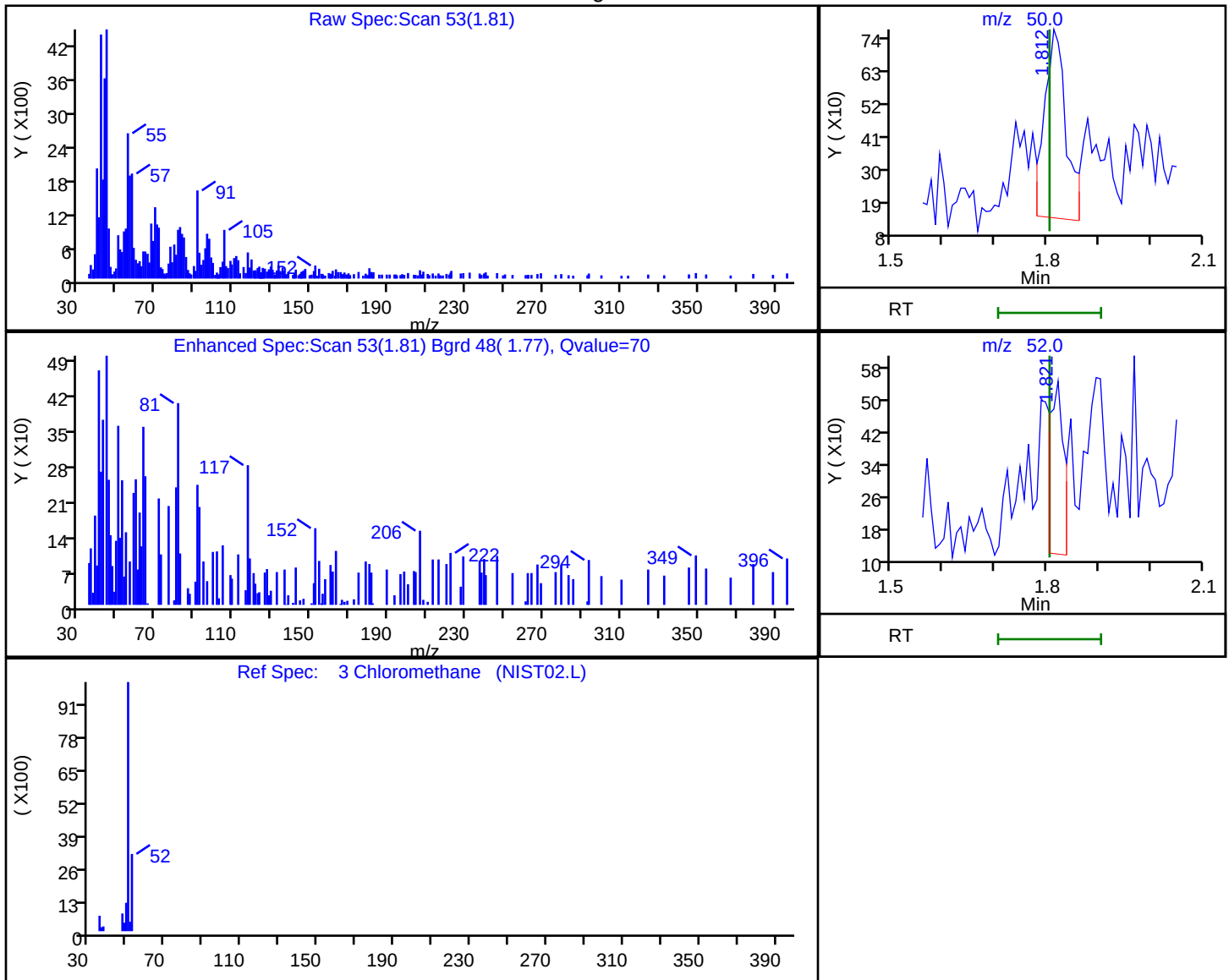
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.81	50.00	1888	0.250000
1.82	52.00	808	

Reviewer: boykink, 29-Nov-2019 22:36:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

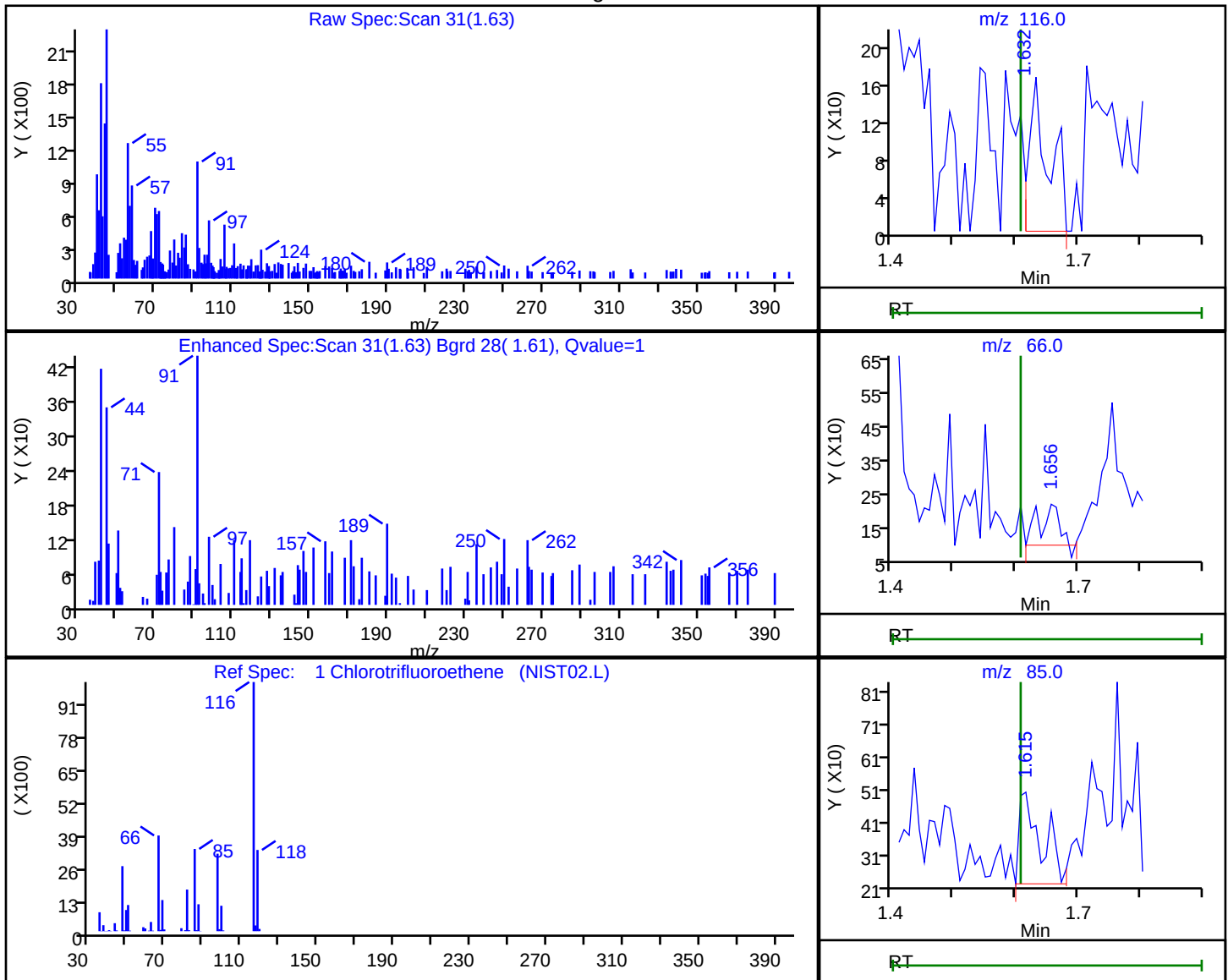
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.63	116.00	349	0.360021
1.66	66.00	269	
1.62	85.00	709	
1.65	118.00	125	

Reviewer: pakanatir, 02-Dec-2019 10:46:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

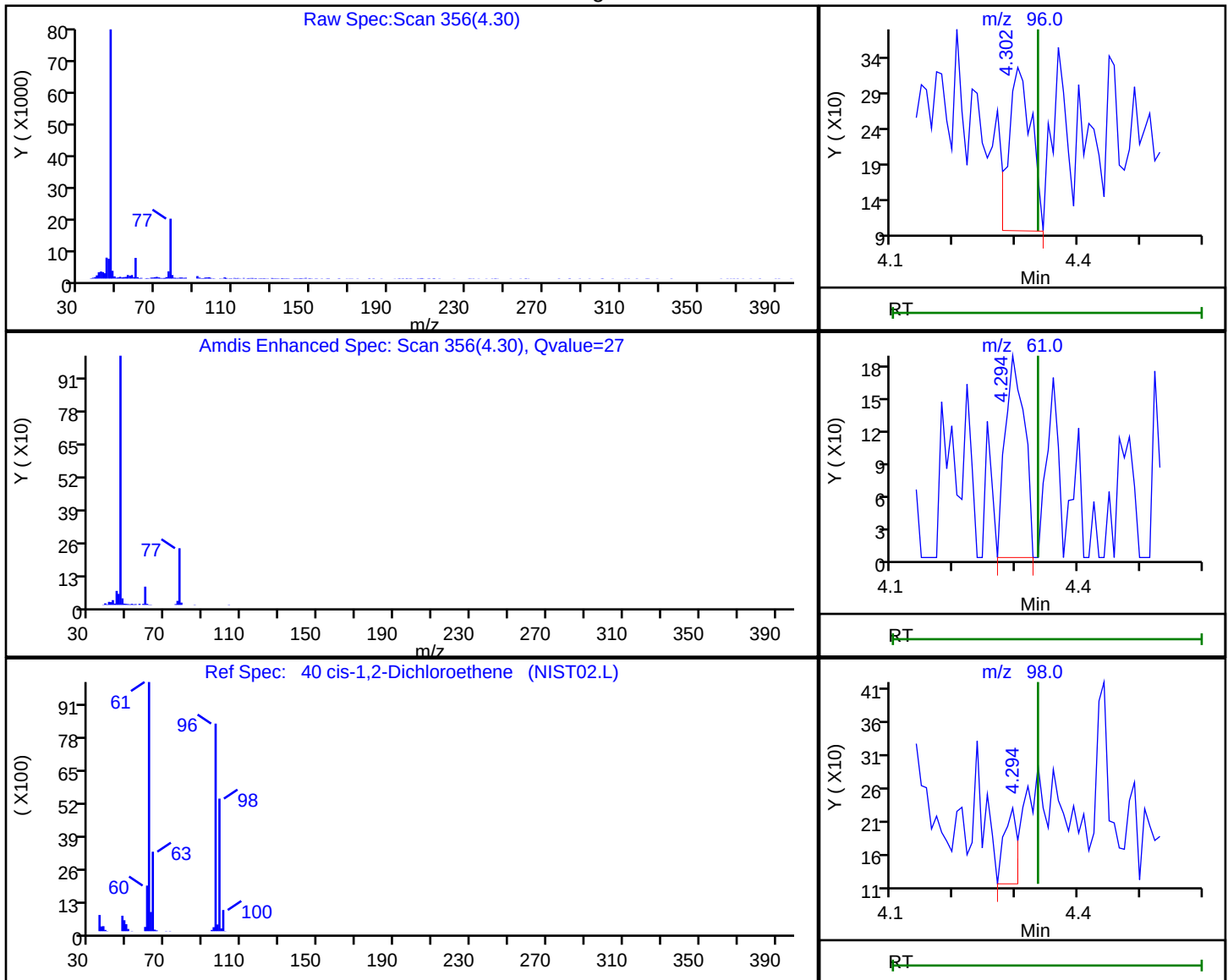
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
4.30	96.00	580	0.239599
4.29	61.00	395	
4.29	98.00	163	

Reviewer: pakanatir, 02-Dec-2019 10:47:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

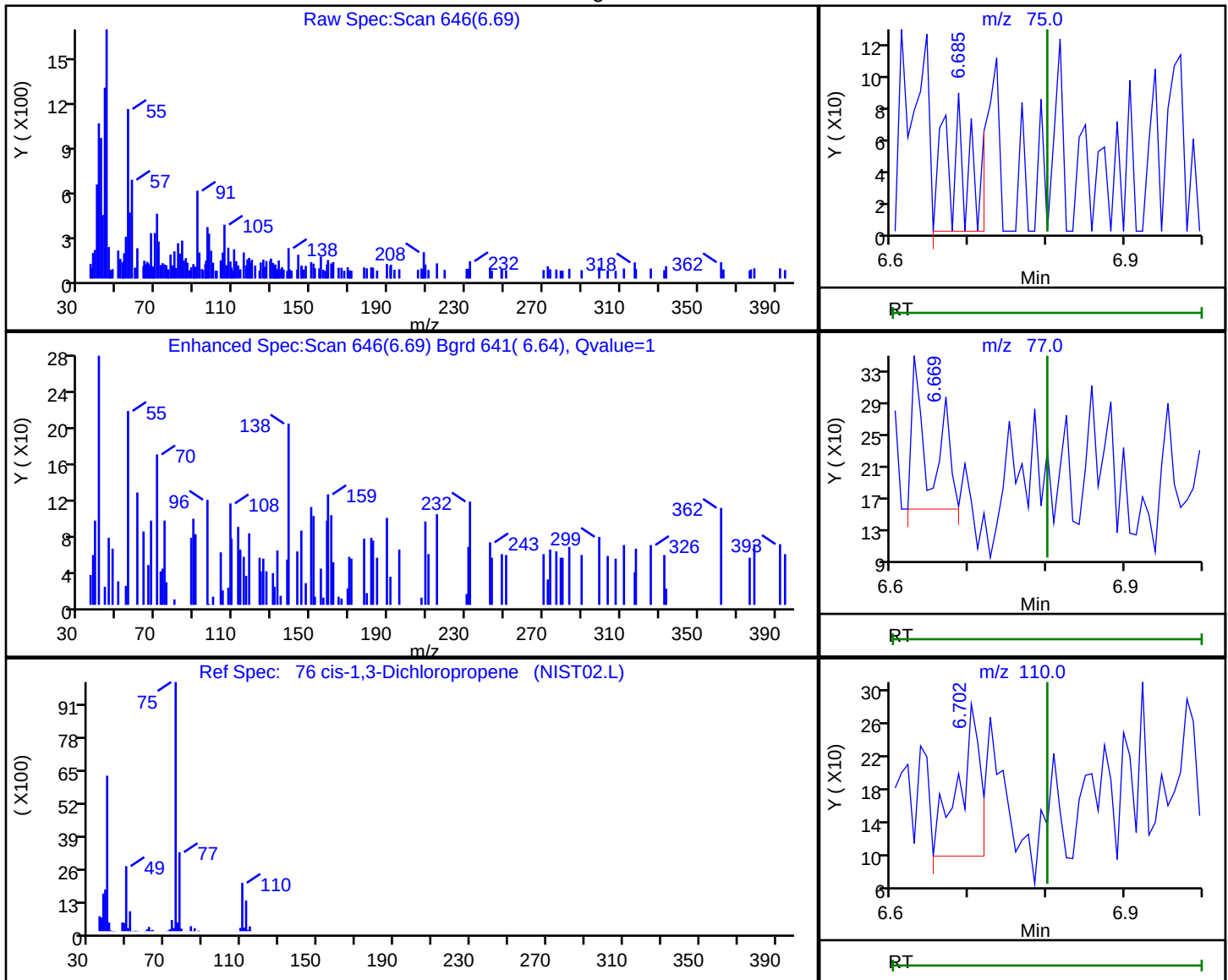
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
6.69	75.00	177	0.051312
6.67	77.00	298	
6.70	110.00	353	

Reviewer: pakanatir, 02-Dec-2019 10:48:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

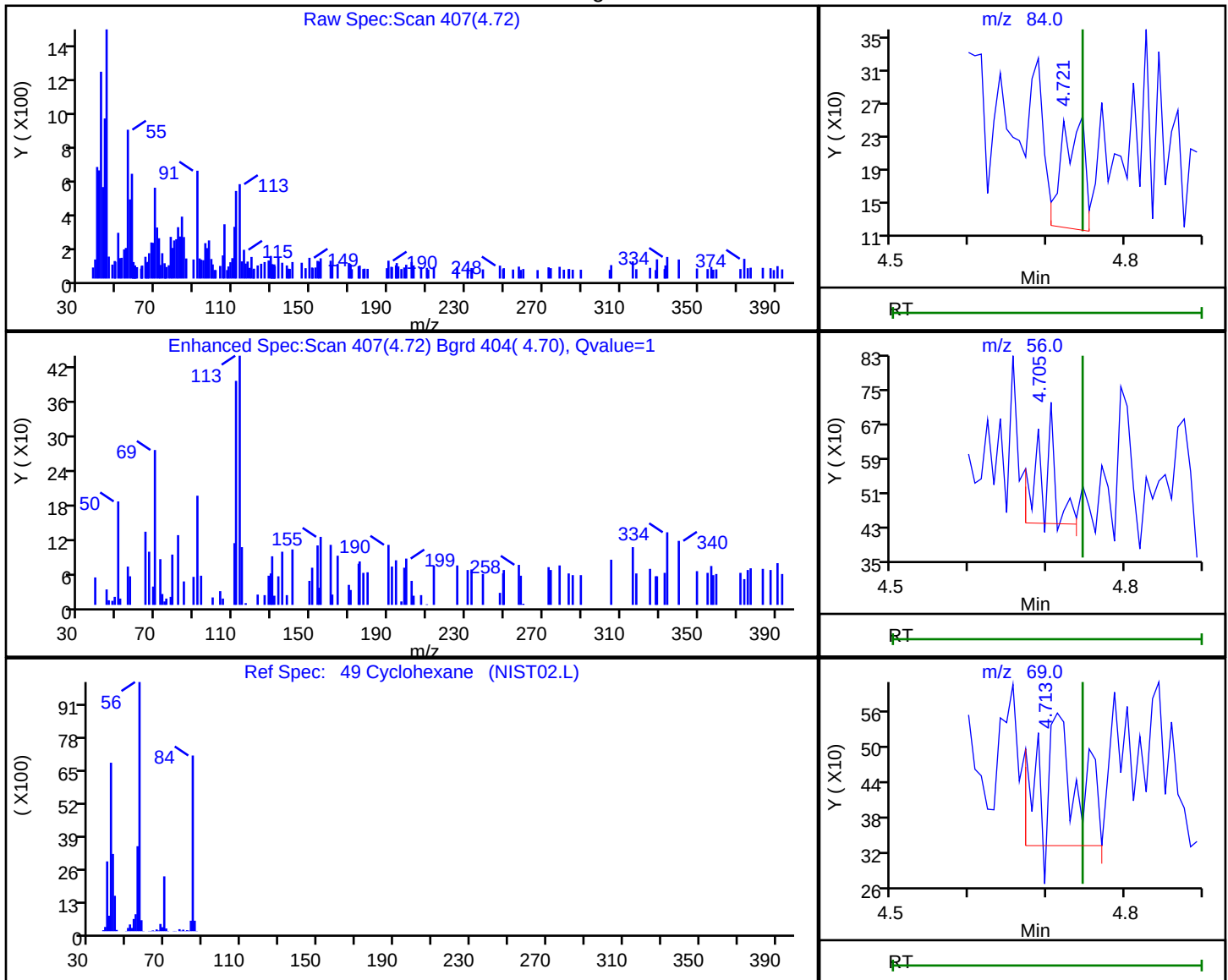
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

49 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.72	84.00	275	0.073935
4.70	56.00	360	
4.71	69.00	724	

Reviewer: pakanatir, 02-Dec-2019 10:47:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

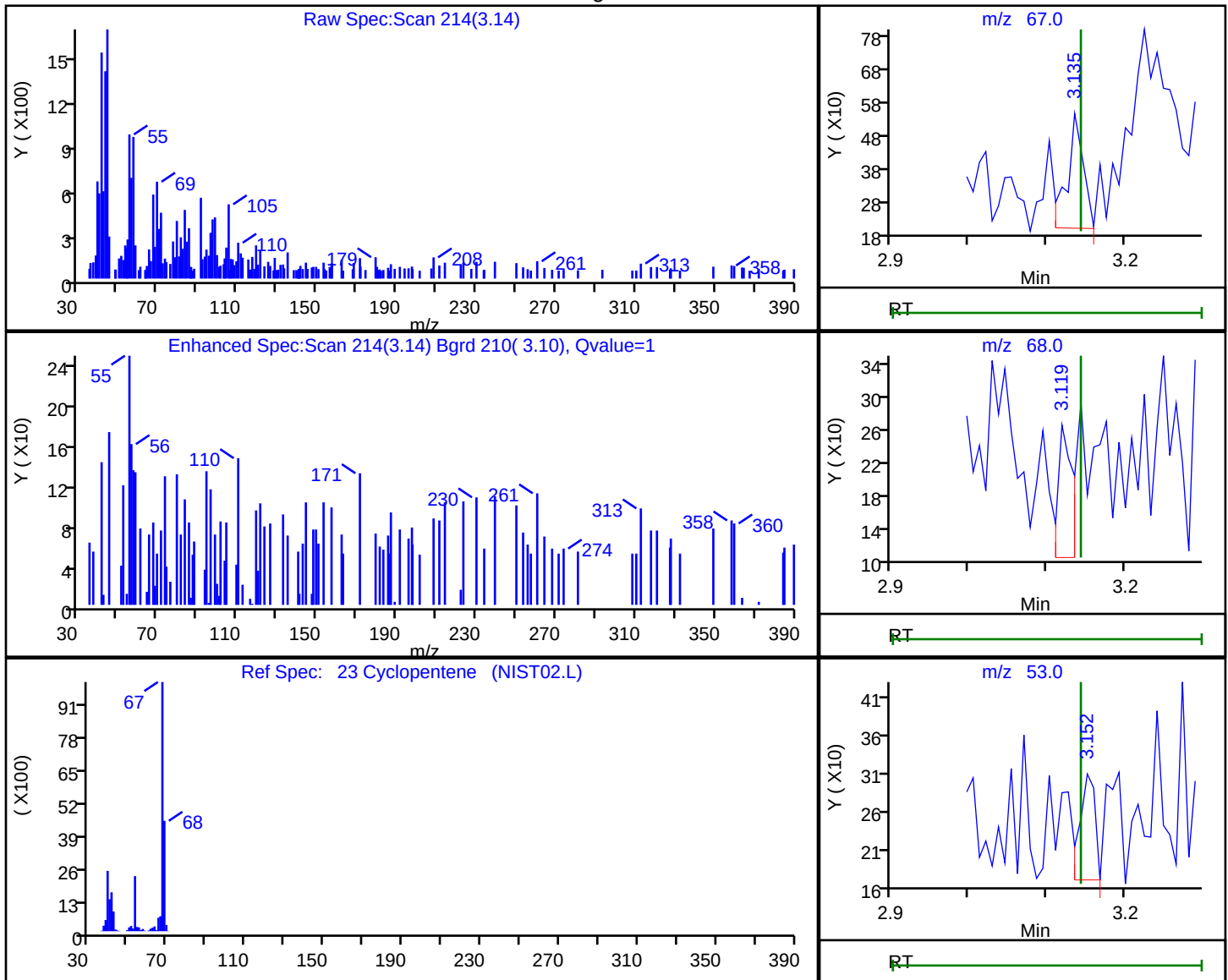
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

23 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.14	67.00	498	0.086895
3.12	68.00	208	
3.15	53.00	185	

Reviewer: pakanatir, 02-Dec-2019 10:47:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

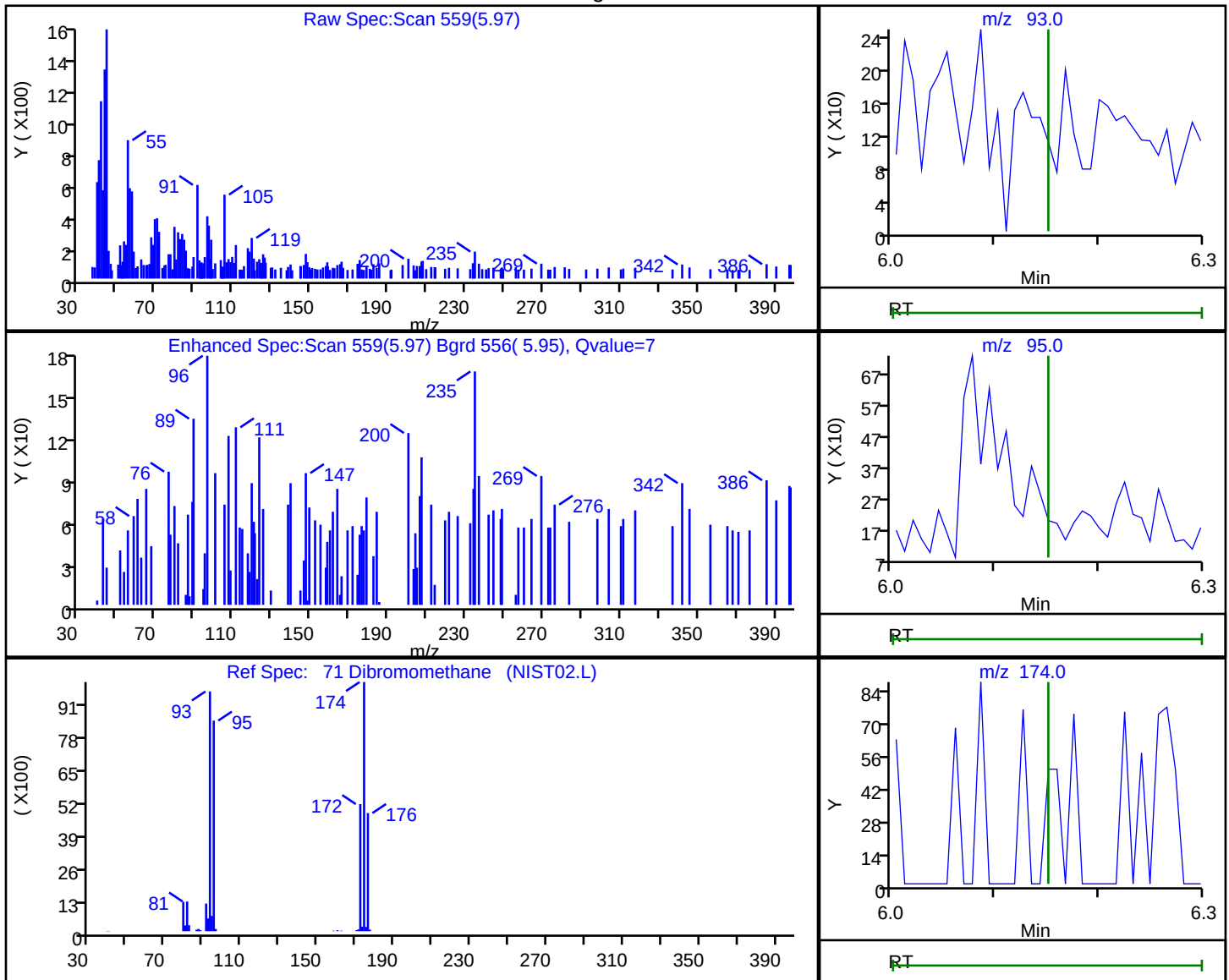
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

71 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
5.97	93.00	460	0.345588
5.95	95.00	153	
5.97	174.00	138	

Reviewer: pakanatir, 02-Dec-2019 10:47:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

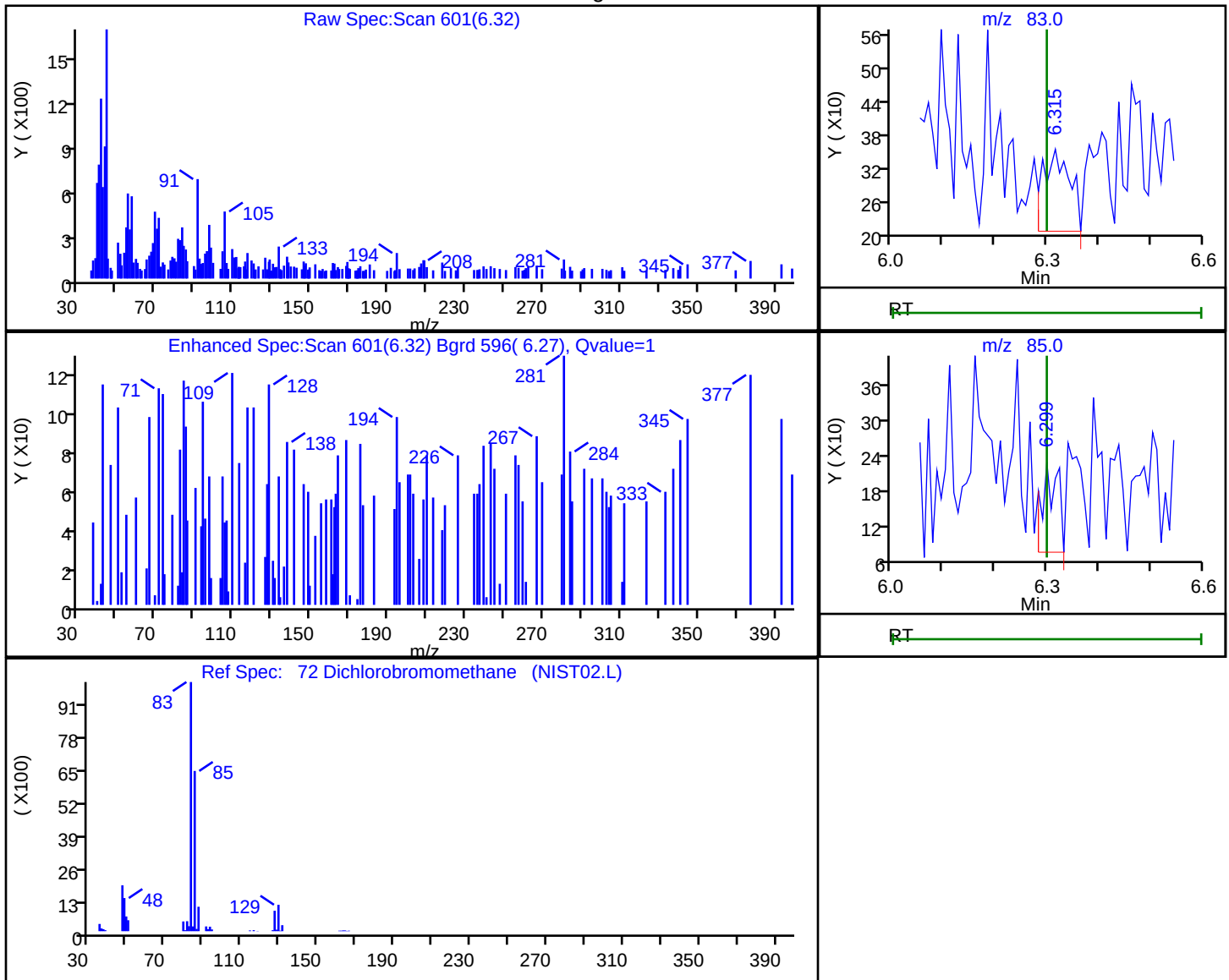
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

72 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
6.32	83.00	526	0.186837
6.30	85.00	322	

Reviewer: pakanatir, 02-Dec-2019 10:47:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

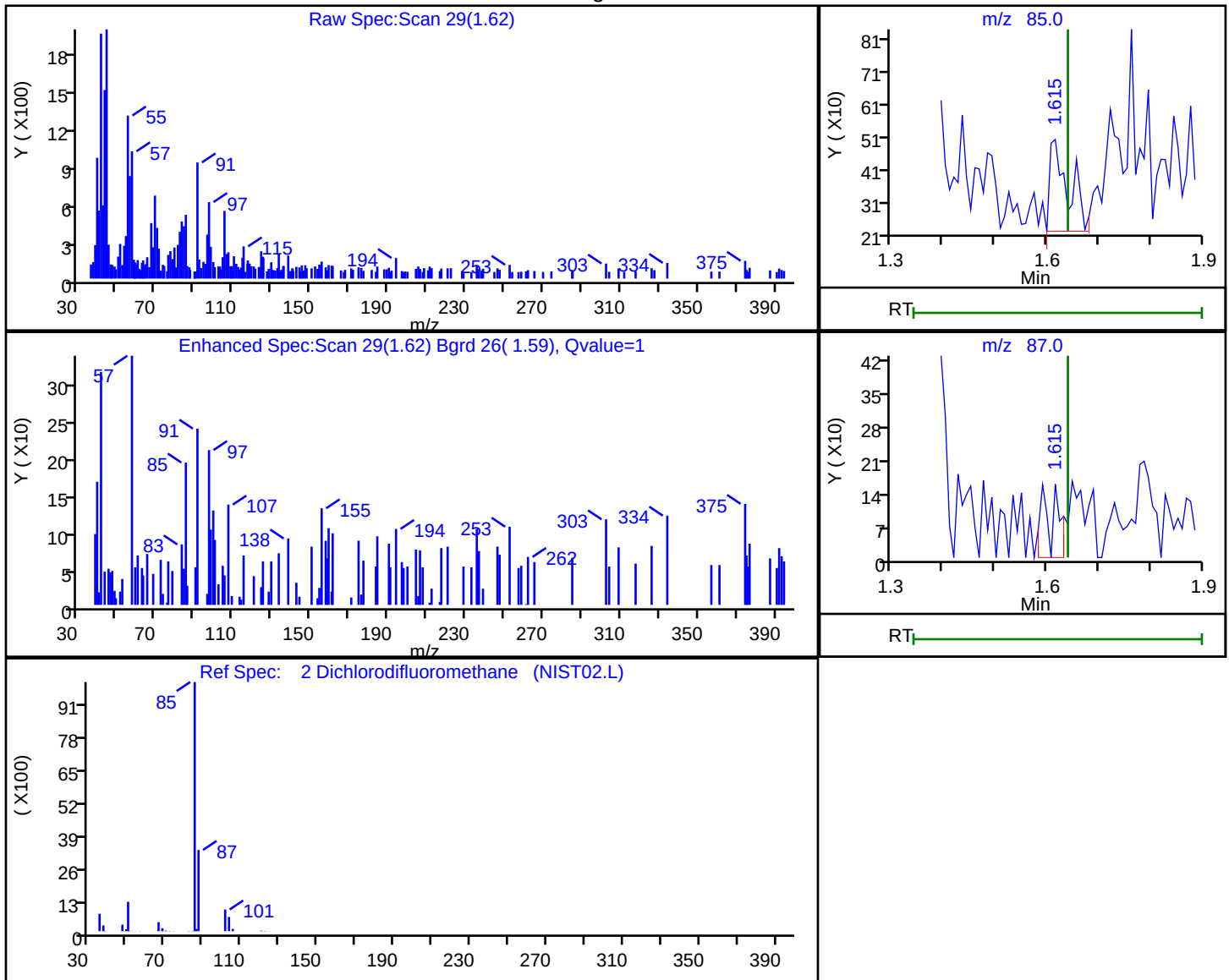
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.62	85.00	709	0.250000
1.62	87.00	305	

Reviewer: boykink, 29-Nov-2019 22:36:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

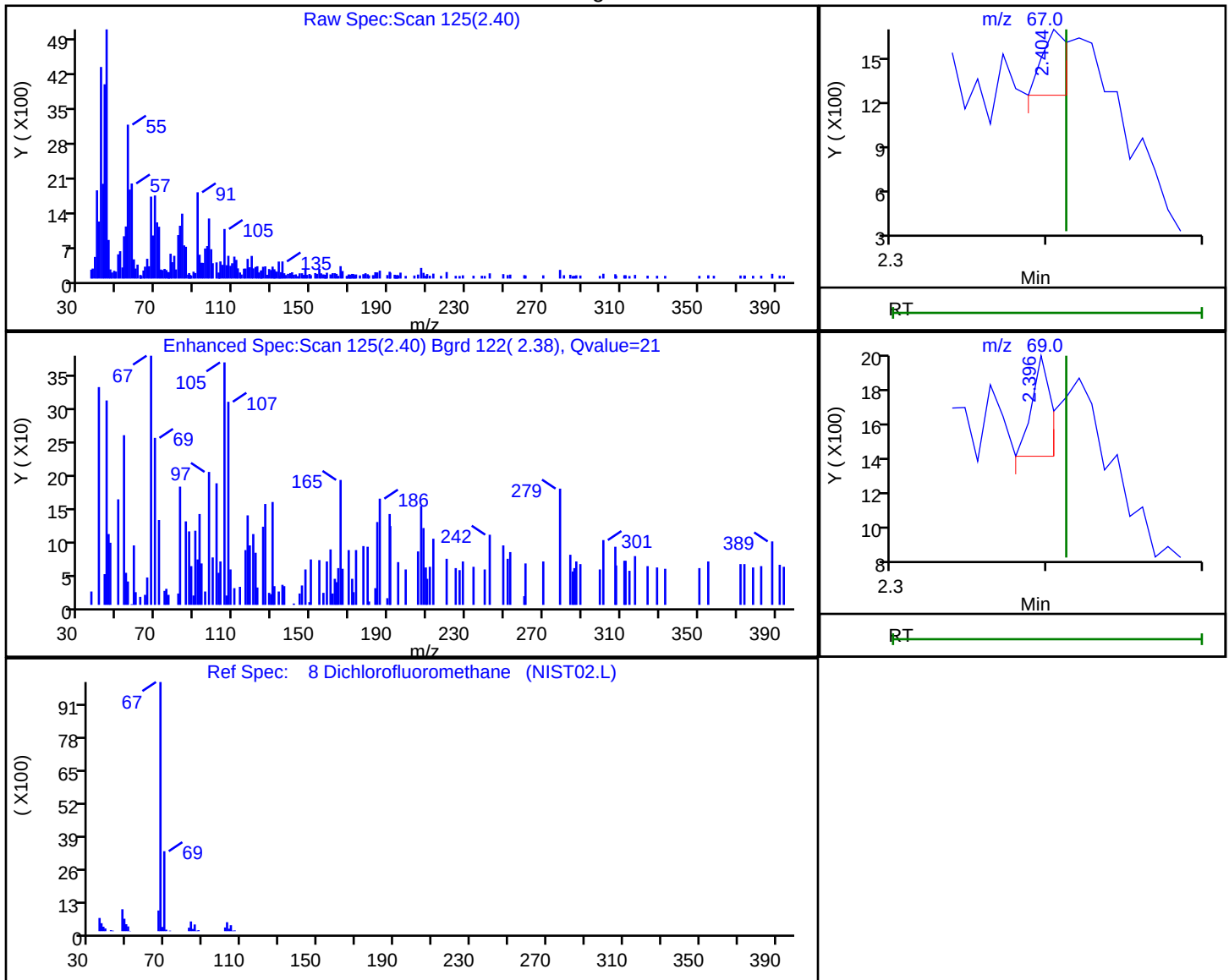
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.40	67.00	484	0.250000
2.40	69.00	489	

Reviewer: boykink, 29-Nov-2019 22:36:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

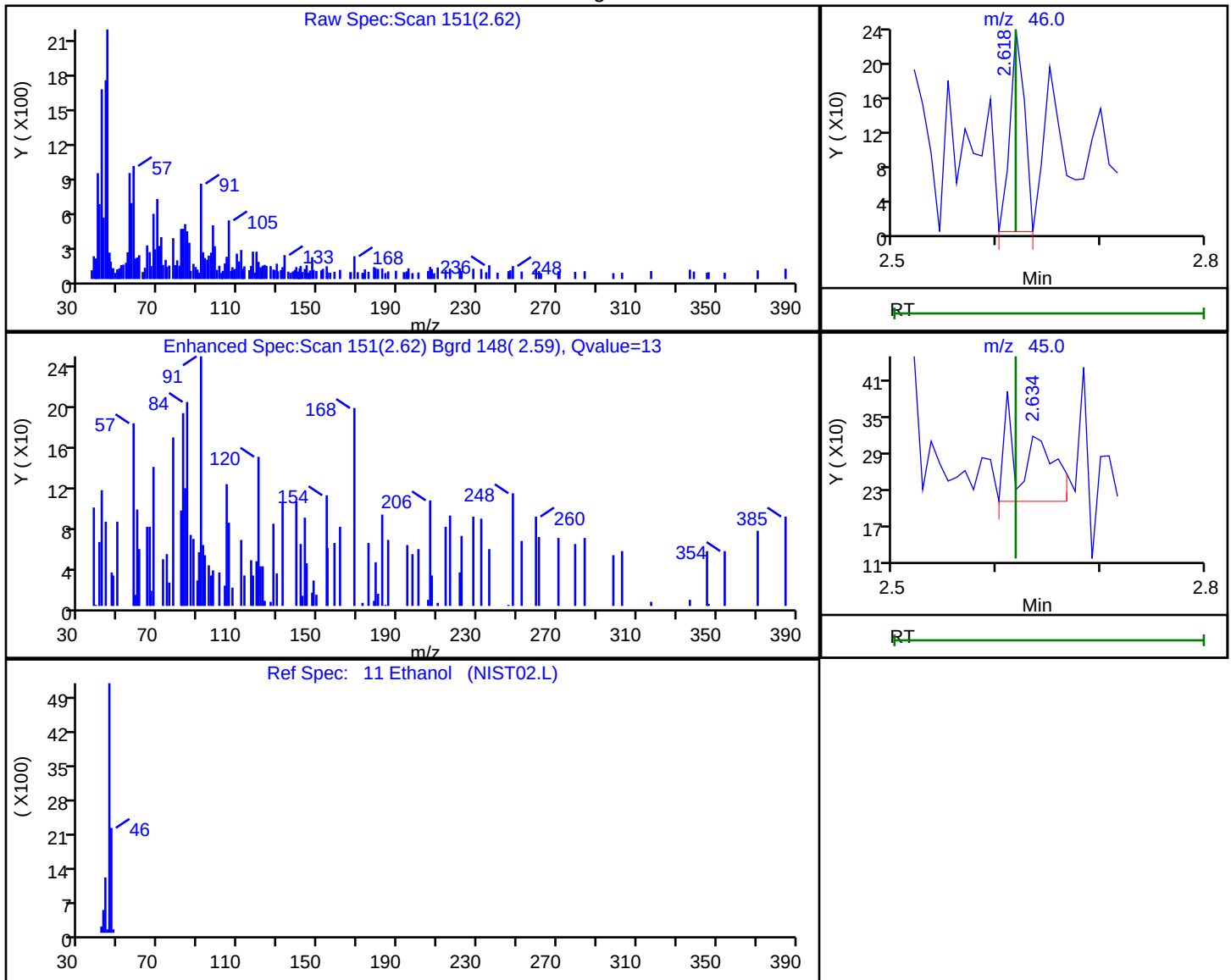
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.62	46.00	230	19.215157
2.63	45.00	301	

Reviewer: pakanatir, 02-Dec-2019 10:47:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

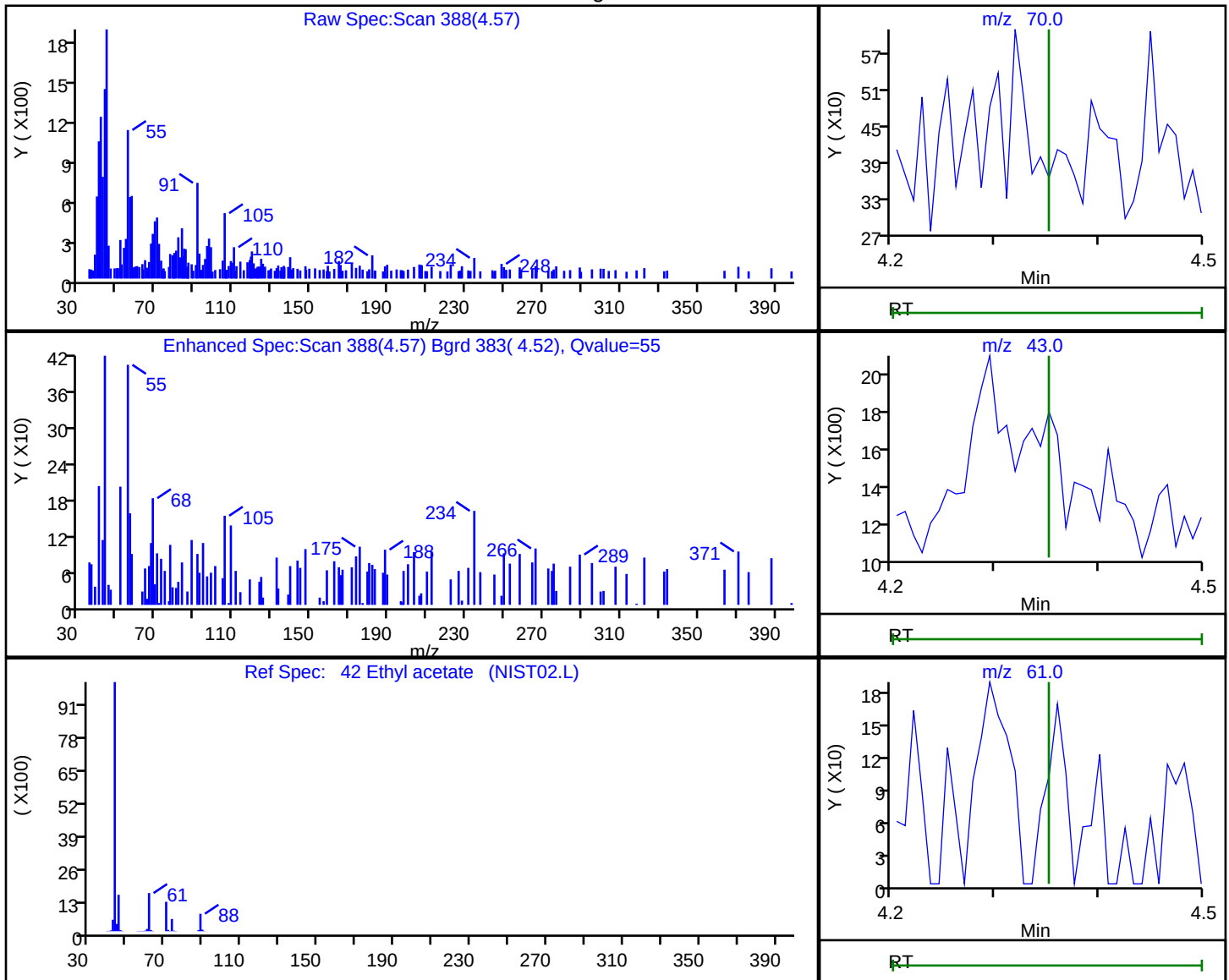
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

42 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.57	70.00	309	1.235012
4.57	43.00	335	
4.35	61.00	0	

Reviewer: pakanatir, 02-Dec-2019 10:47:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

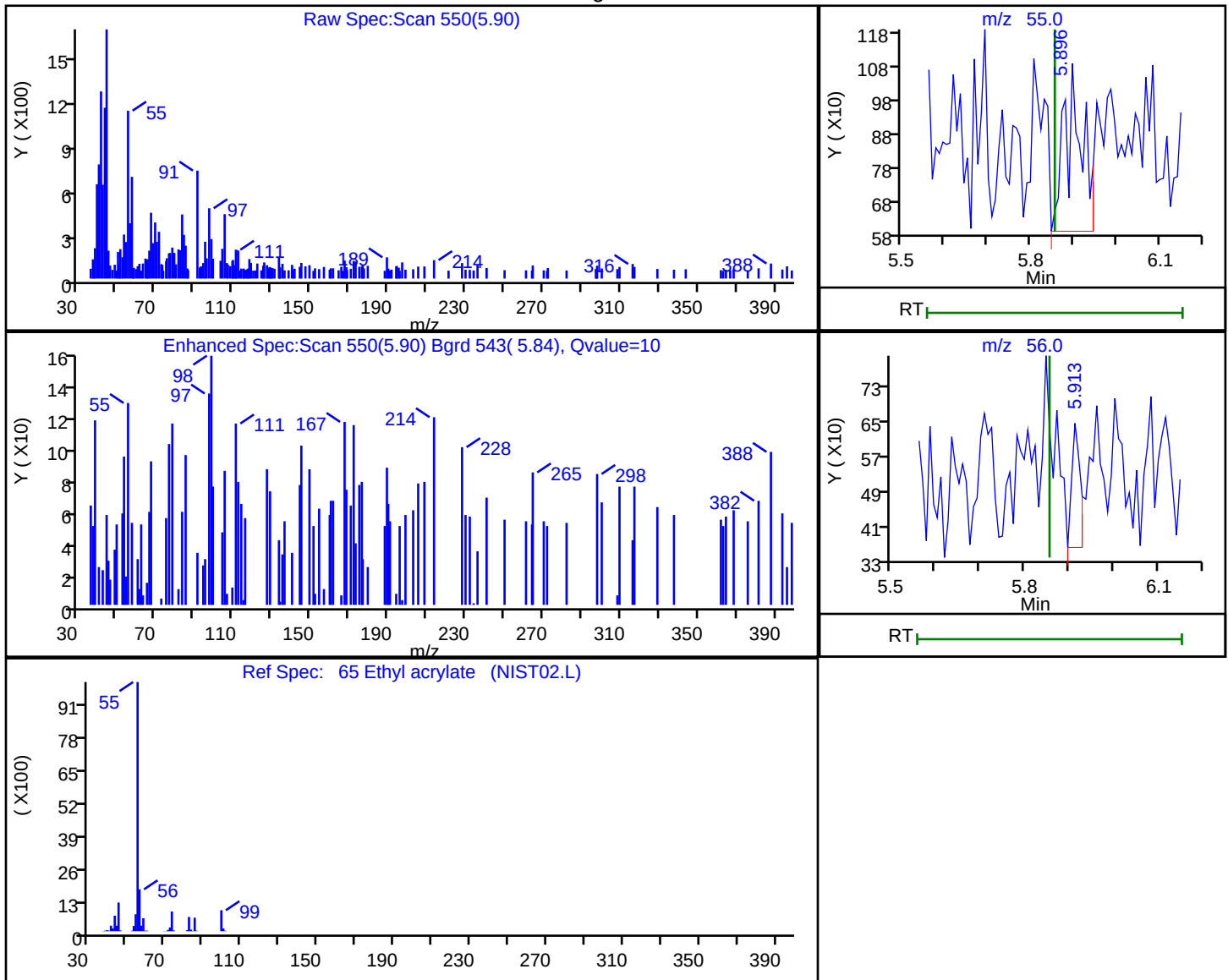
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.90	55.00	1438	0.230778
5.91	56.00	371	

Reviewer: pakanatir, 02-Dec-2019 10:47:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

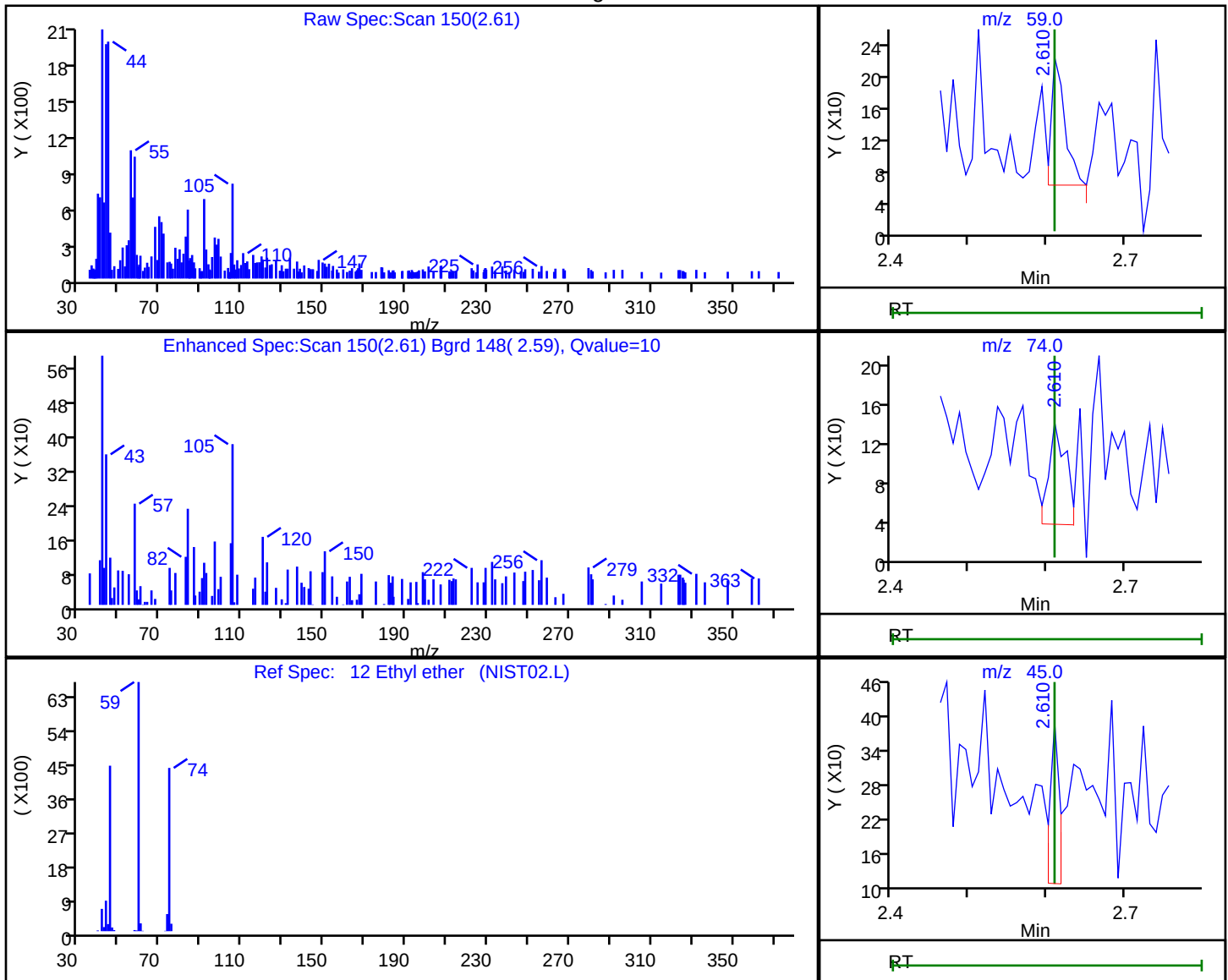
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.61	59.00	196	0.107573
2.61	74.00	167	
2.61	45.00	249	

Reviewer: pakanatir, 02-Dec-2019 10:47:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

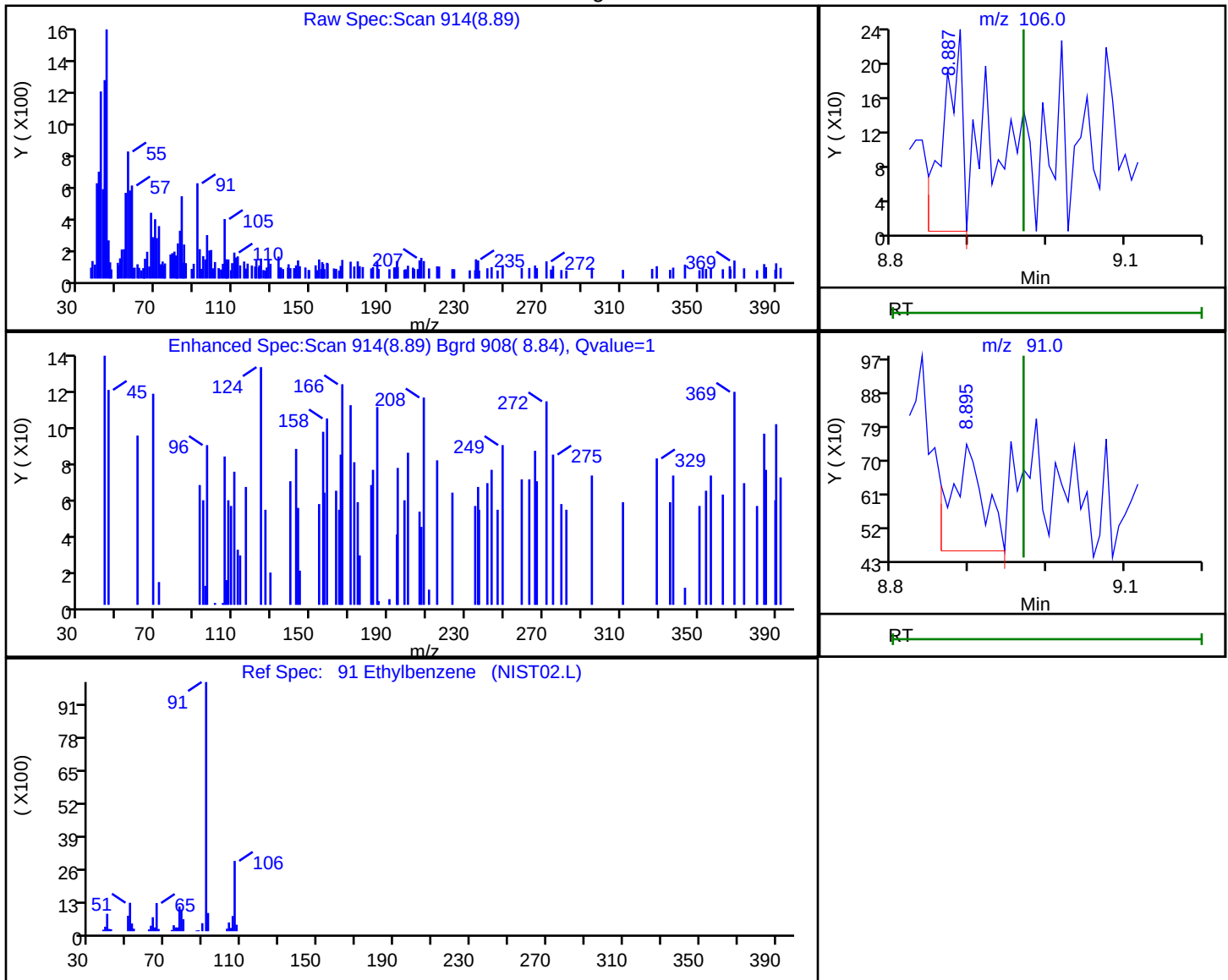
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.89	106.00	387	0.122139
8.90	91.00	803	

Reviewer: pakanatir, 02-Dec-2019 10:48:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

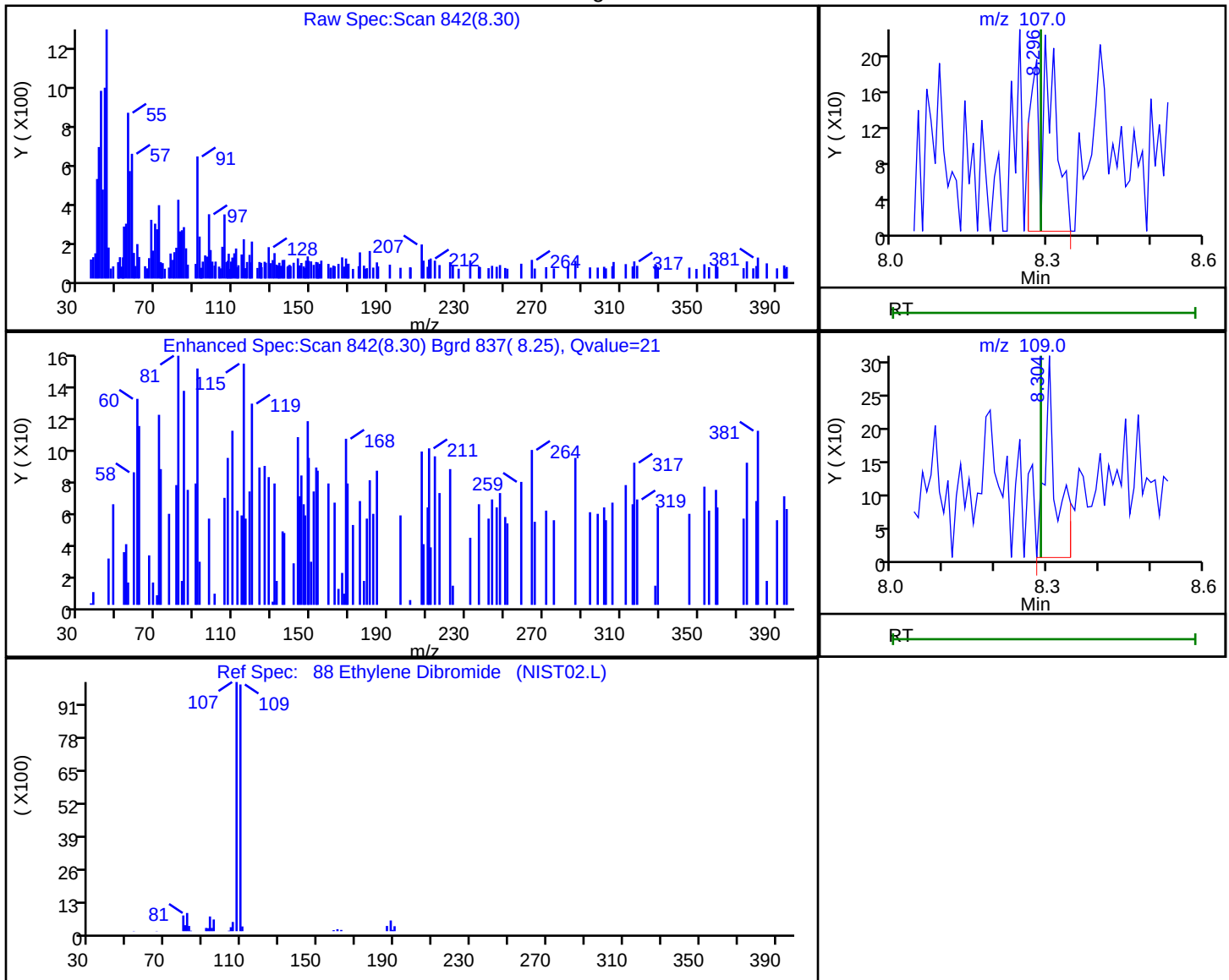
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
8.30	107.00	602	0.311578
8.30	109.00	466	

Reviewer: pakanatir, 02-Dec-2019 10:48:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

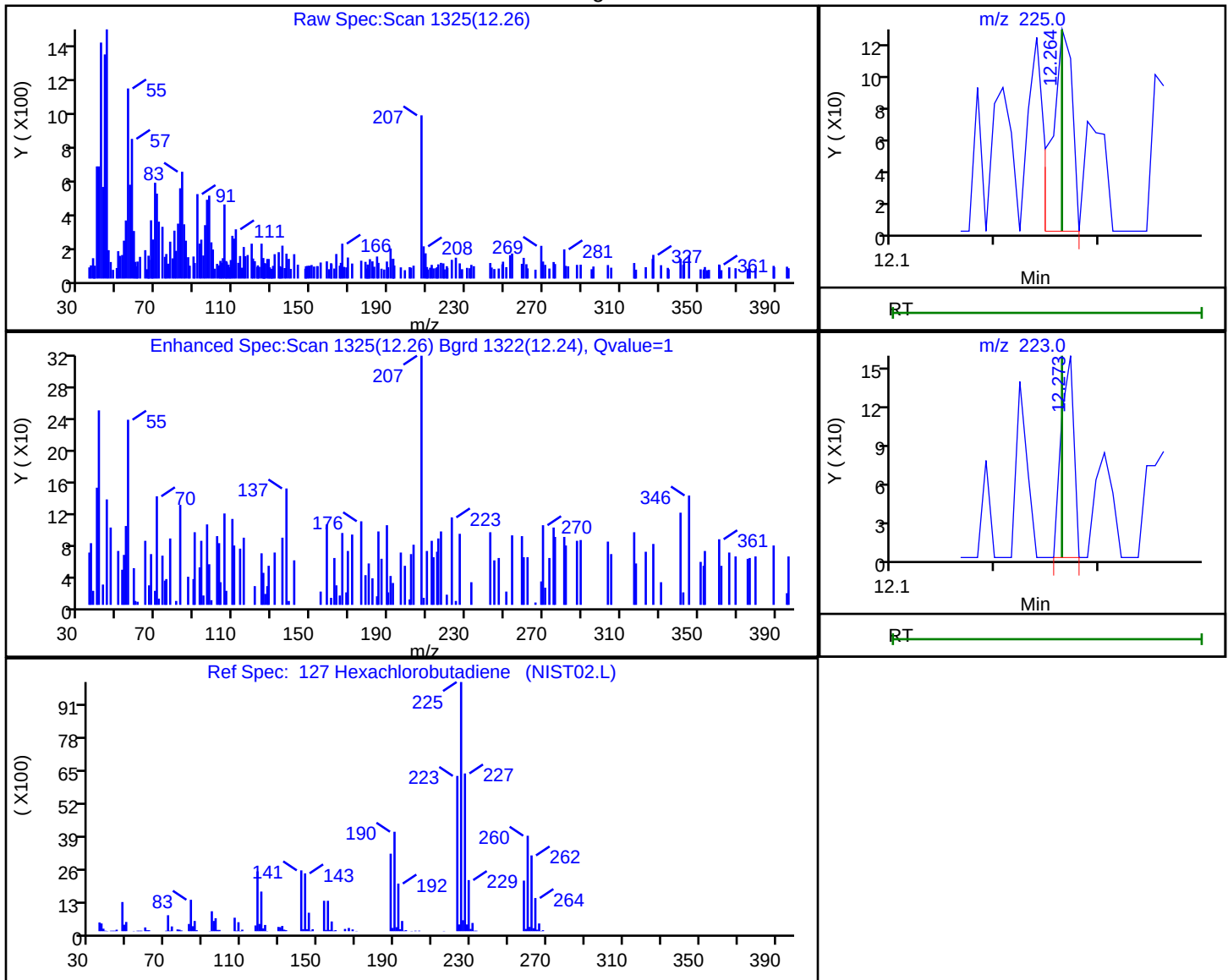
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

127 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.26	225.00	169	0.087674
12.27	223.00	132	

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

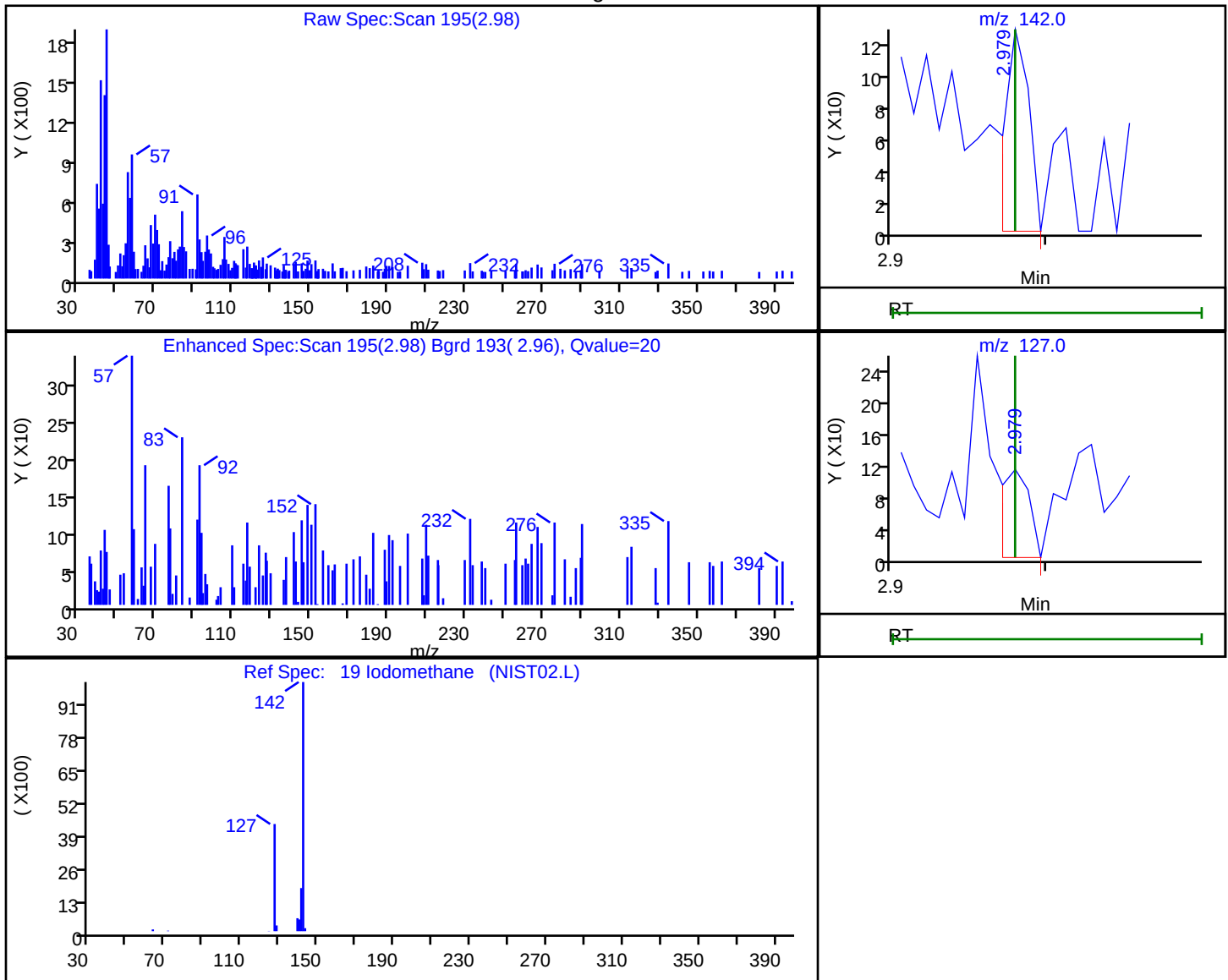
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.98	142.00	135	0.031566
2.98	127.00	144	

Reviewer: pakanatir, 02-Dec-2019 10:47:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

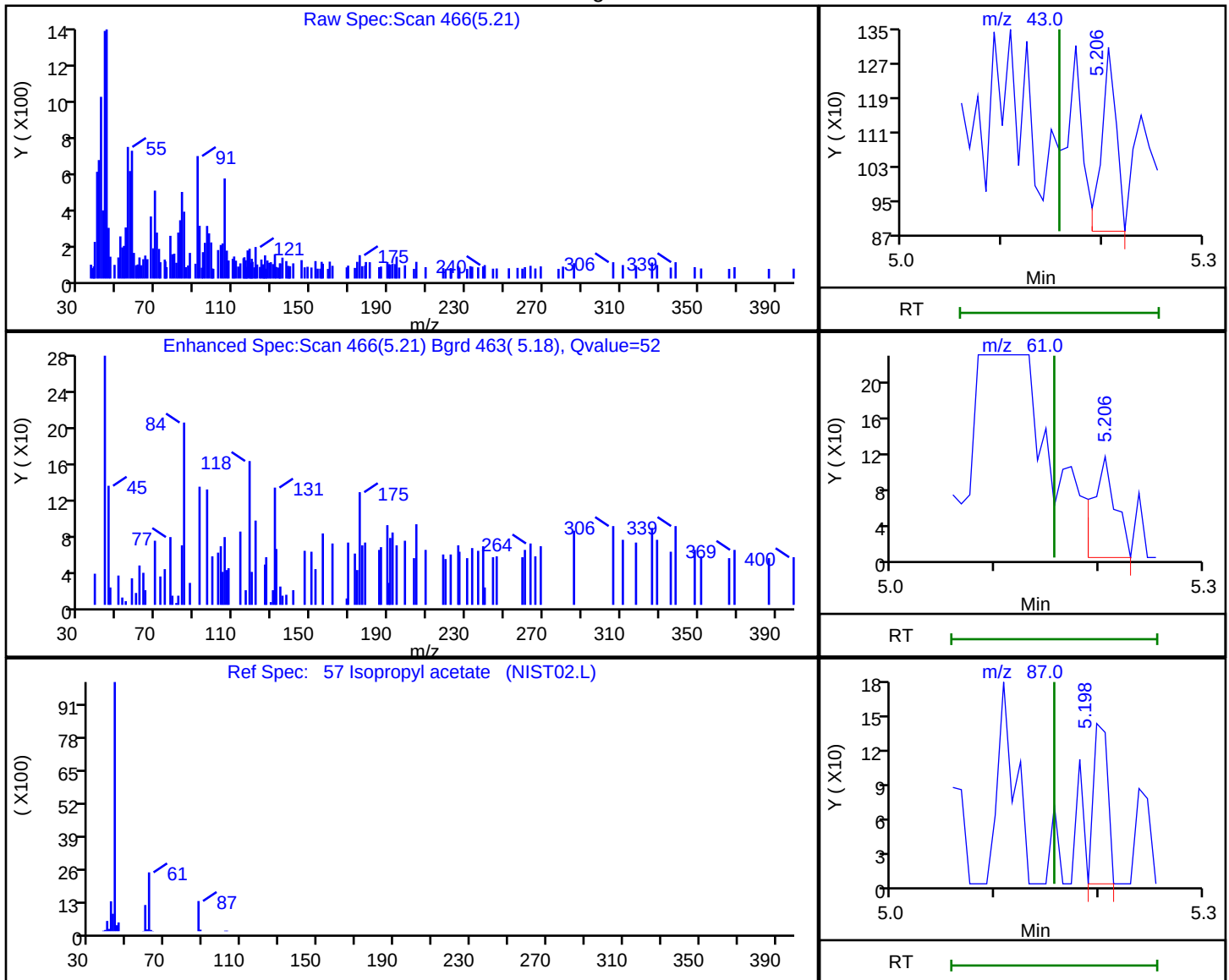
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.21	43.00	438	0.059640
5.21	61.00	170	
5.20	87.00	137	

Reviewer: pakanatir, 02-Dec-2019 10:47:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

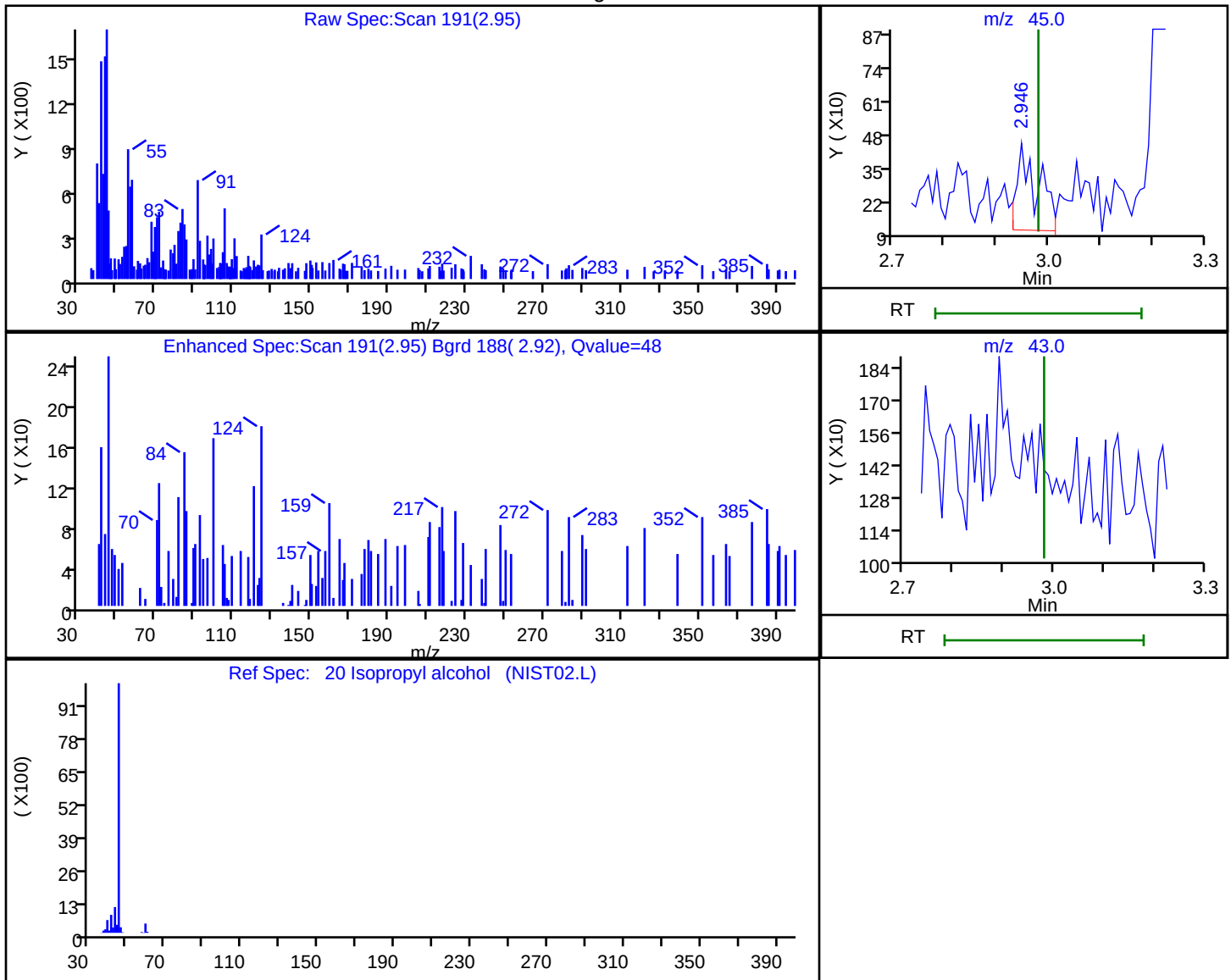
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.95	45.00	941	6.466596
2.98	43.00	0	

Reviewer: pakanatir, 02-Dec-2019 10:47:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

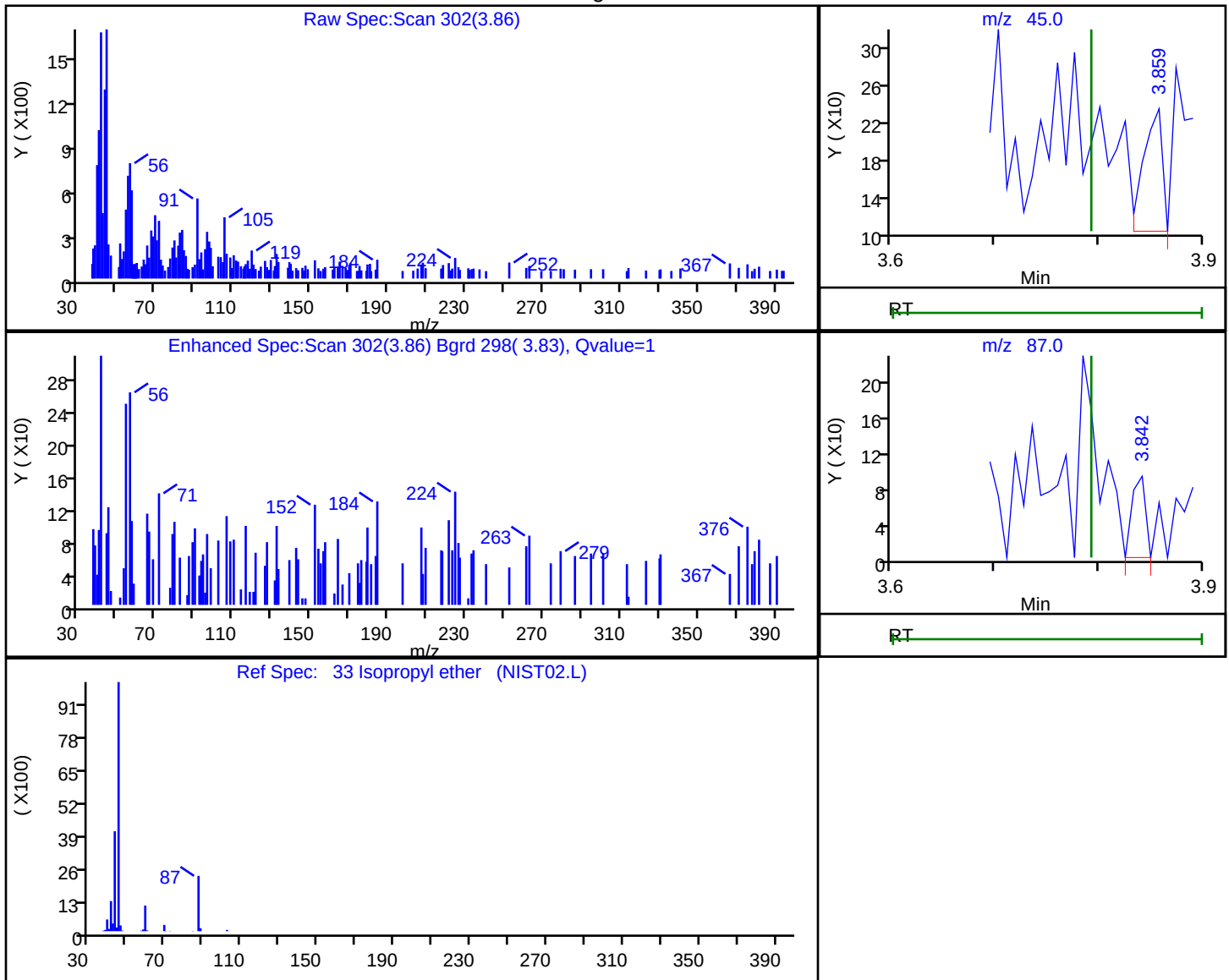
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

33 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
3.86	45.00	160	0.020887
3.84	87.00	80	

Reviewer: pakanatir, 02-Dec-2019 10:47:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

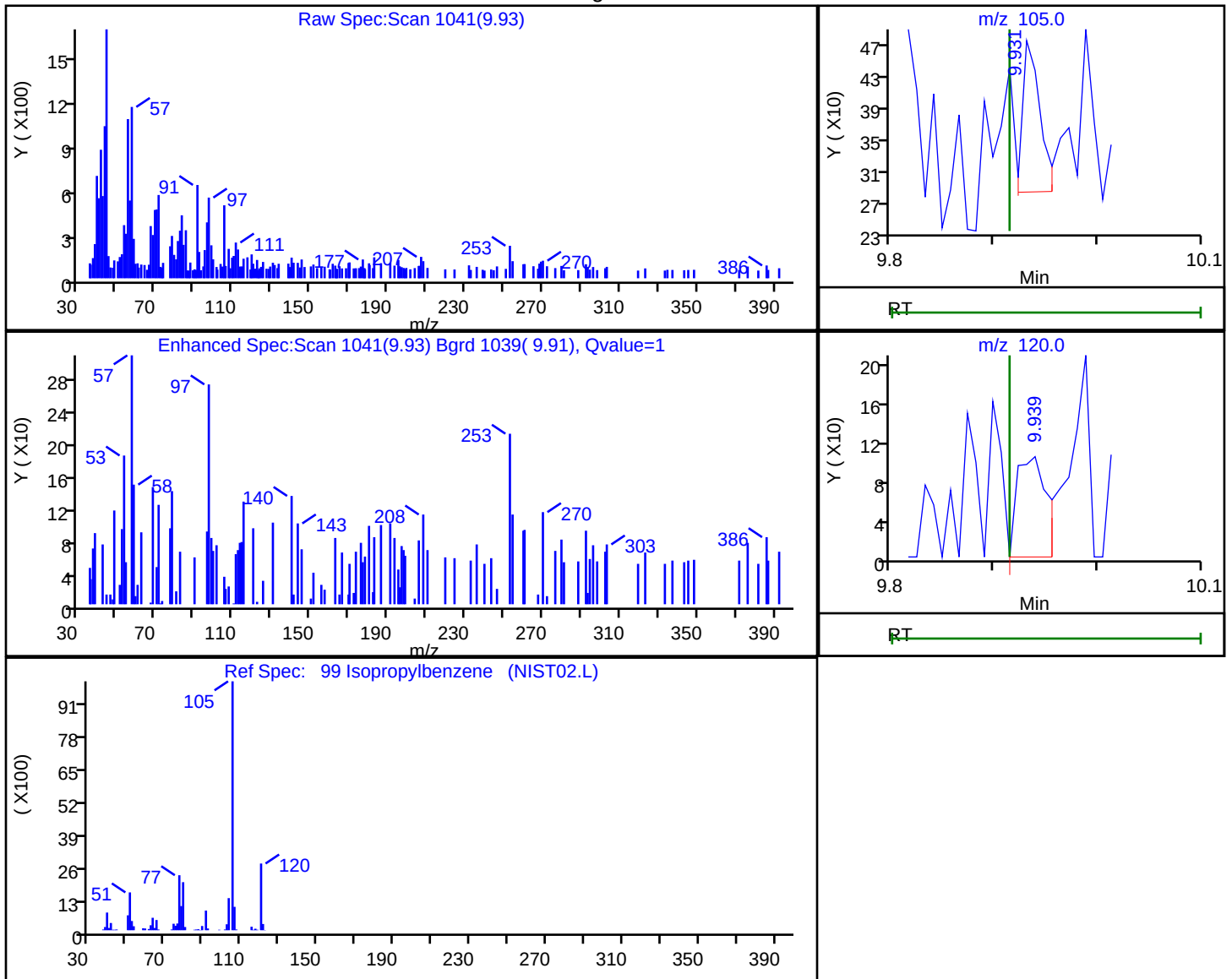
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

99 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.93	105.00	223	0.020716
9.94	120.00	205	

Reviewer: pakanatir, 02-Dec-2019 10:48:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

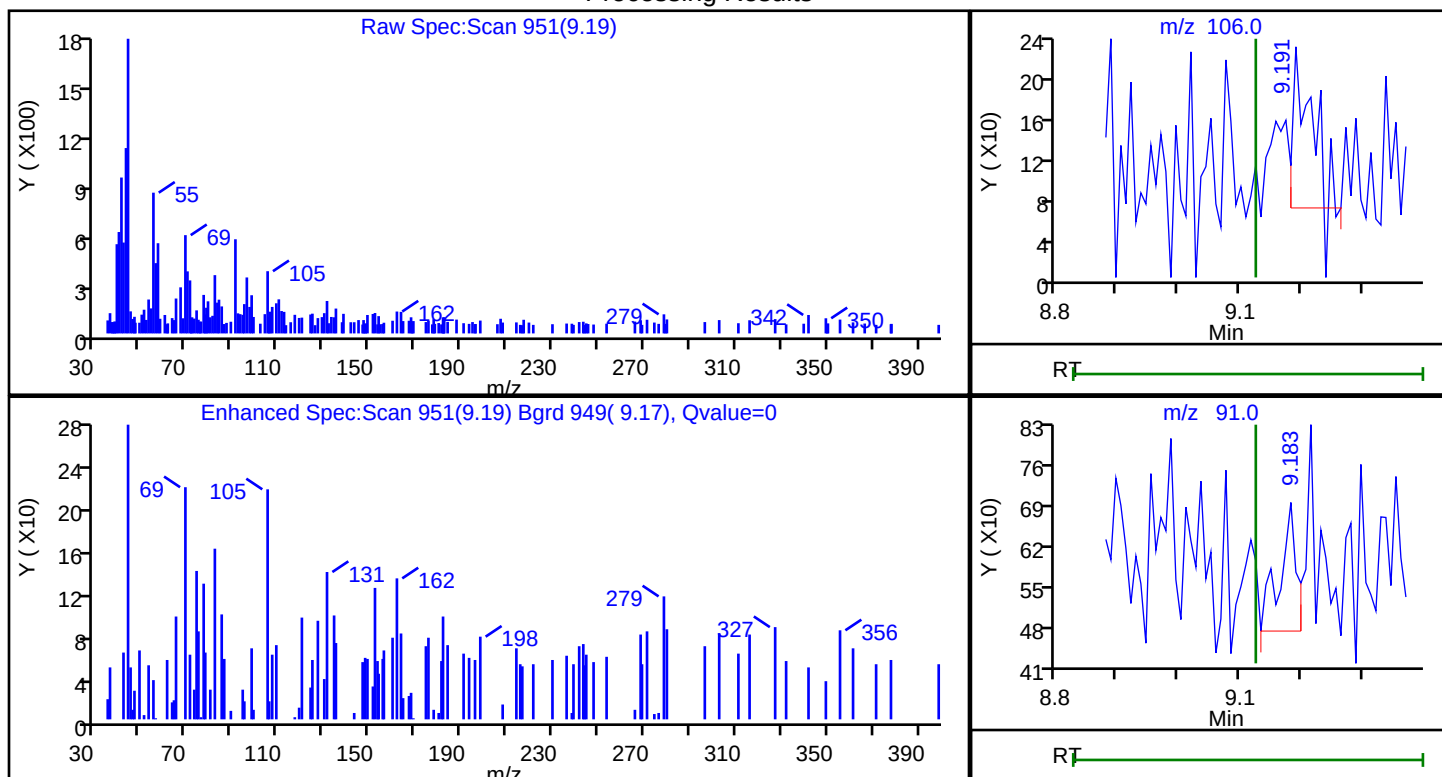
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
9.19	106.00	324	0.082659
9.18	91.00	423	

Reviewer: pakanatir, 02-Dec-2019 10:48:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

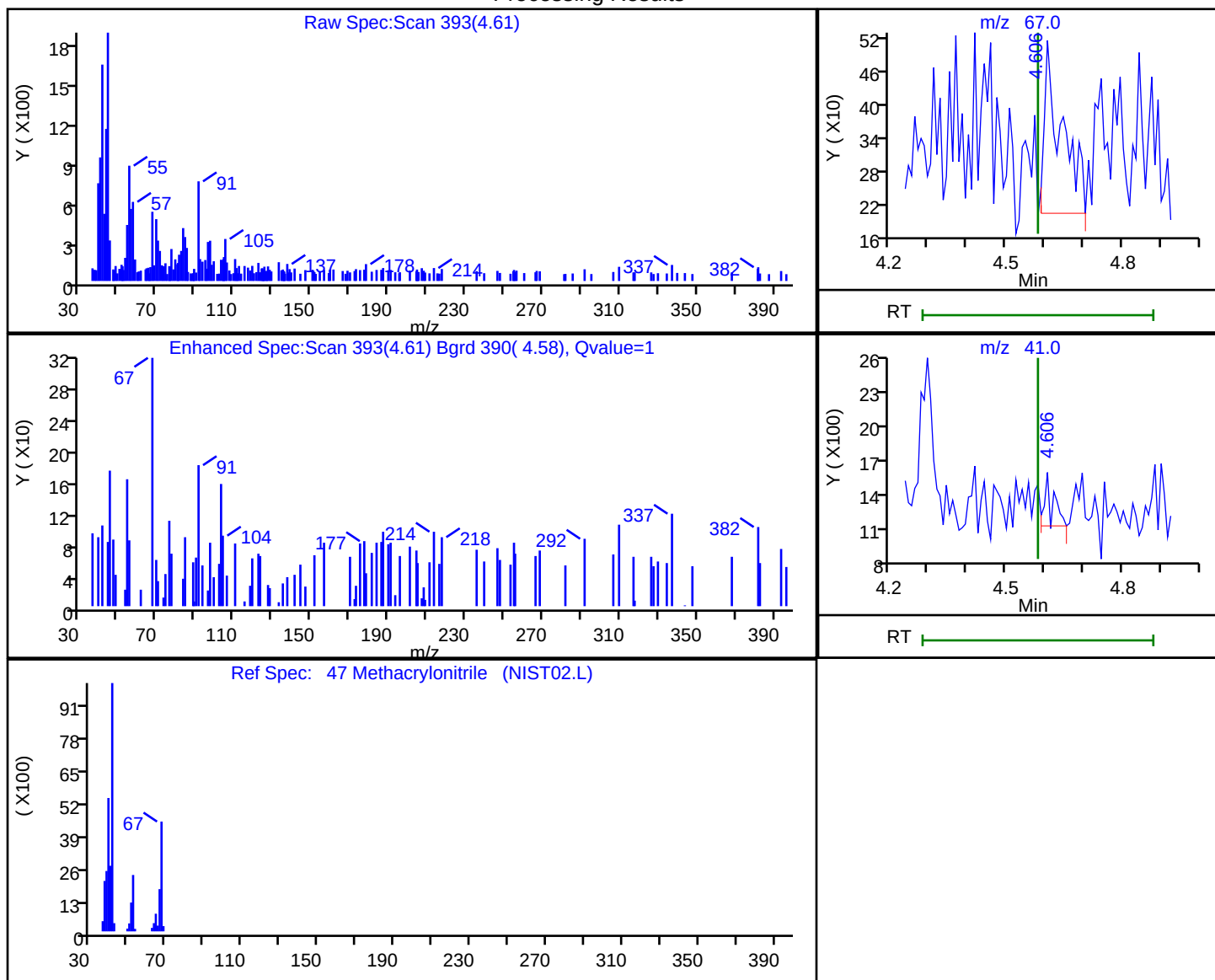
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.61	67.00	974	0.984700
4.61	41.00	677	

Reviewer: pakanatir, 02-Dec-2019 10:47:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

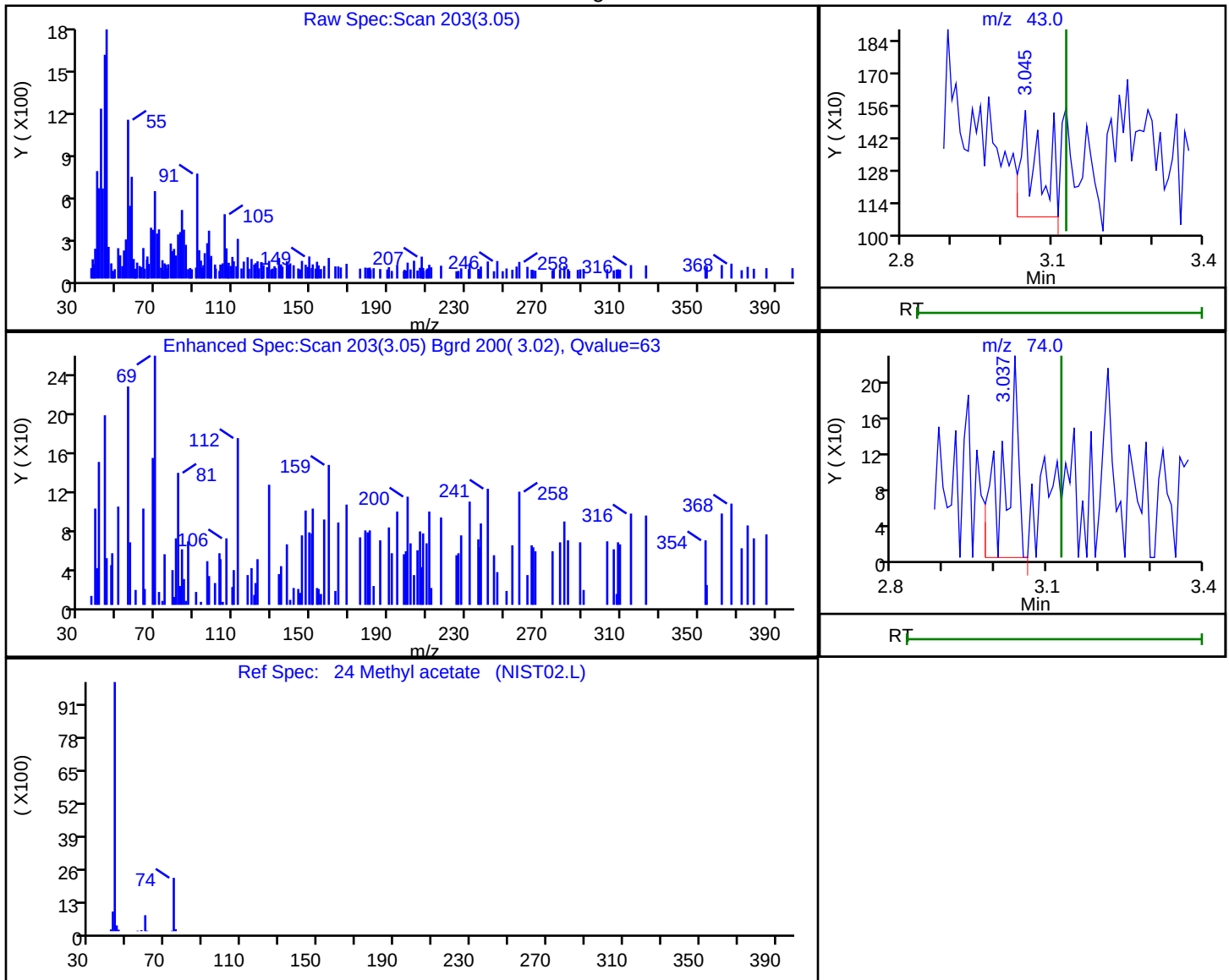
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.05	43.00	1177	0.603482
3.04	74.00	410	

Reviewer: pakanatir, 02-Dec-2019 10:47:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

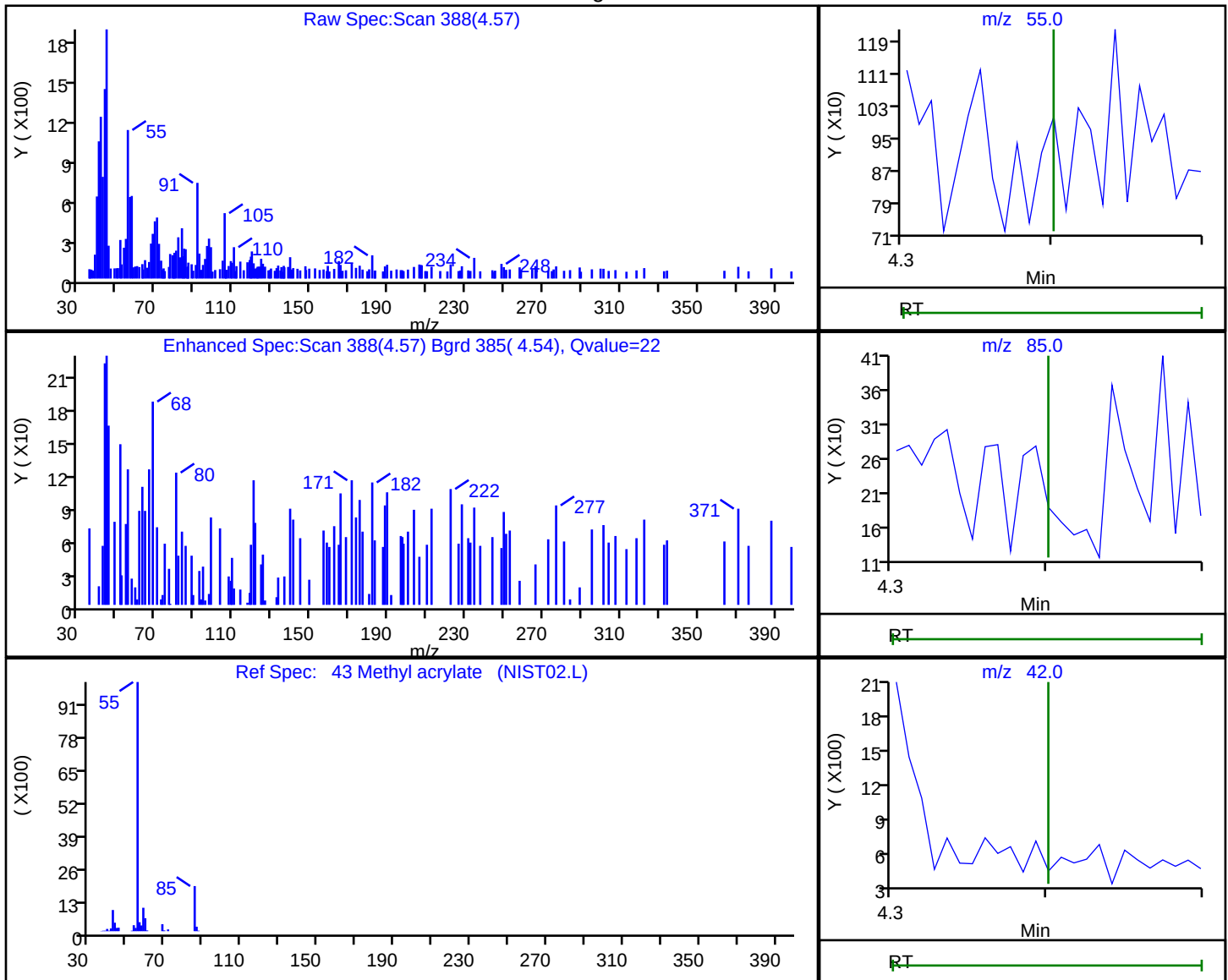
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.57	55.00	427	0.201957
4.55	85.00	275	
4.56	42.00	1238	

Reviewer: pakanatir, 02-Dec-2019 10:47:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

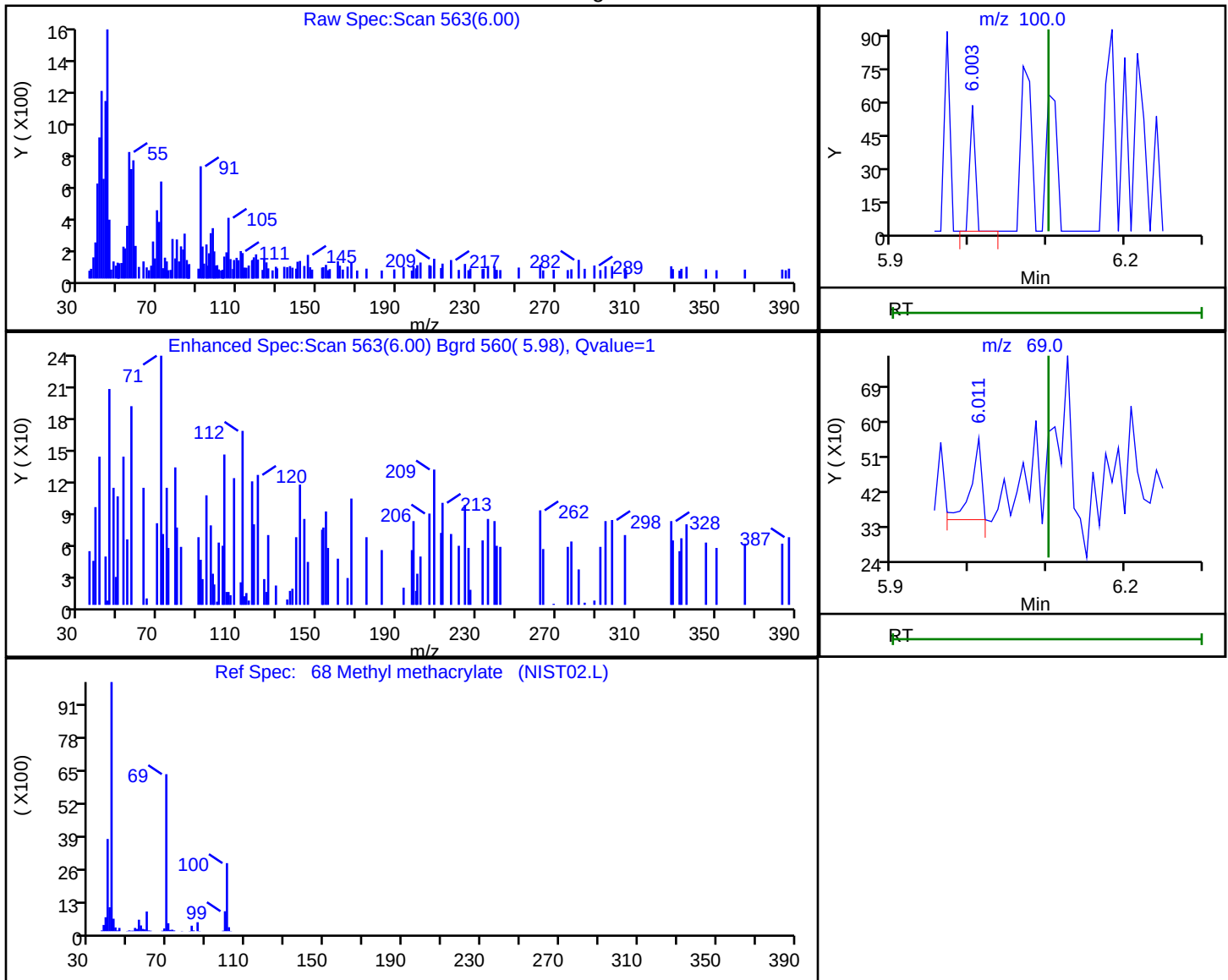
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
6.00	100.00	29	0.045748
6.01	69.00	203	

Reviewer: pakanatir, 02-Dec-2019 10:47:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

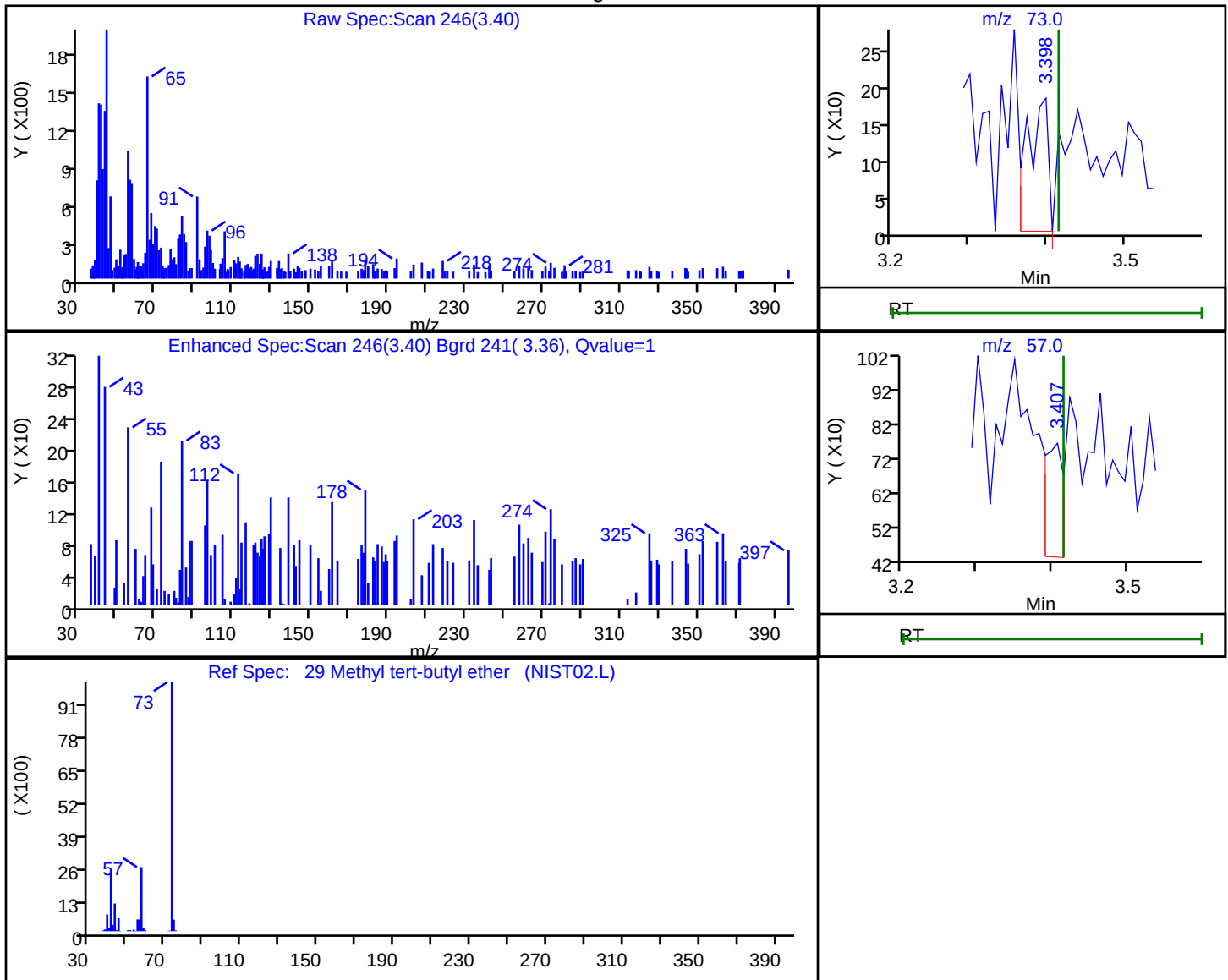
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
3.40	73.00	335	0.049821
3.41	57.00	585	

Reviewer: pakanatir, 02-Dec-2019 10:47:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

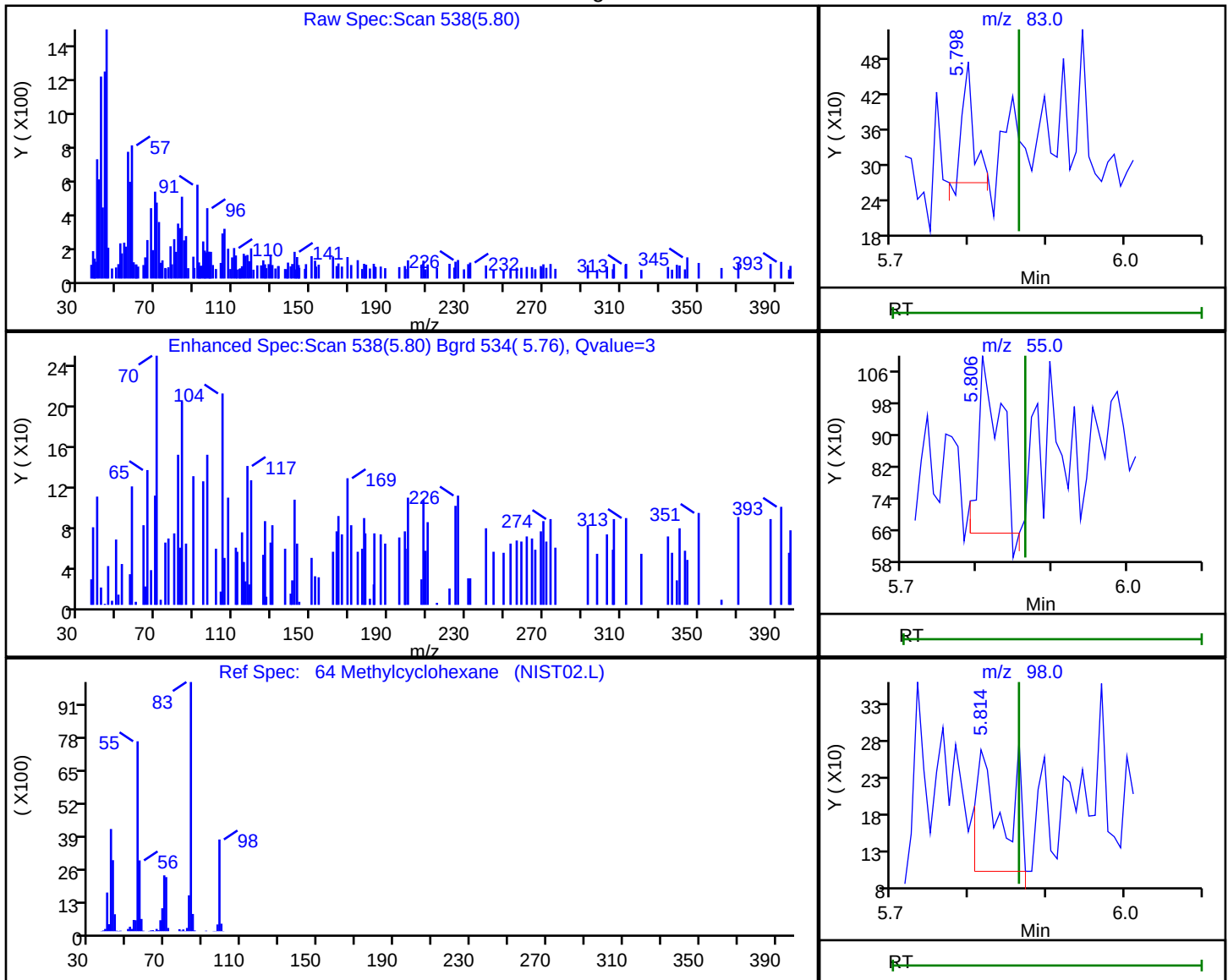
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.80	83.00	197	0.046796
5.81	55.00	876	
5.81	98.00	392	

Reviewer: pakanatir, 02-Dec-2019 10:47:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

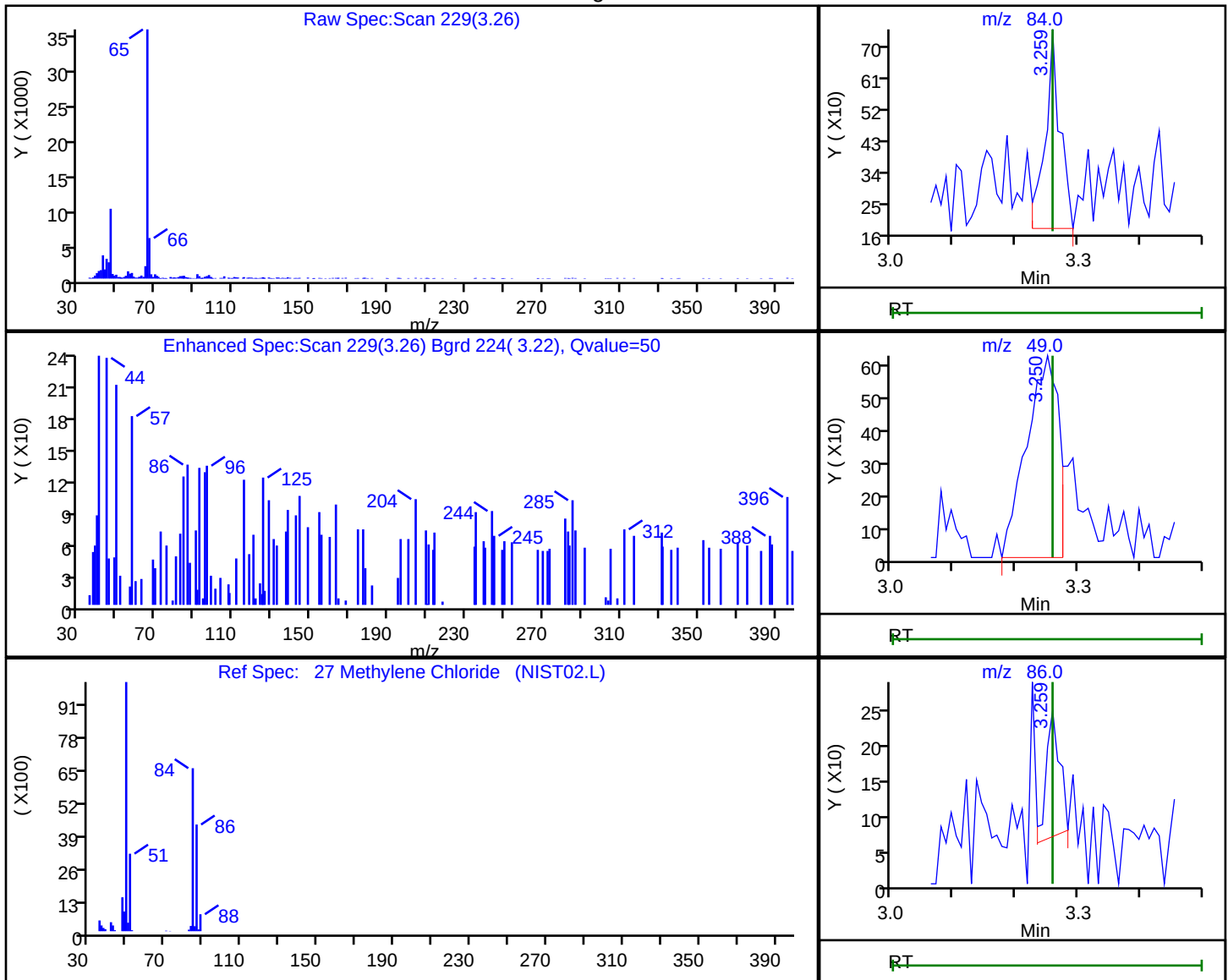
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.26	84.00	959	0.363653
3.25	49.00	2271	
3.26	86.00	272	

Reviewer: pakanatir, 02-Dec-2019 10:47:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

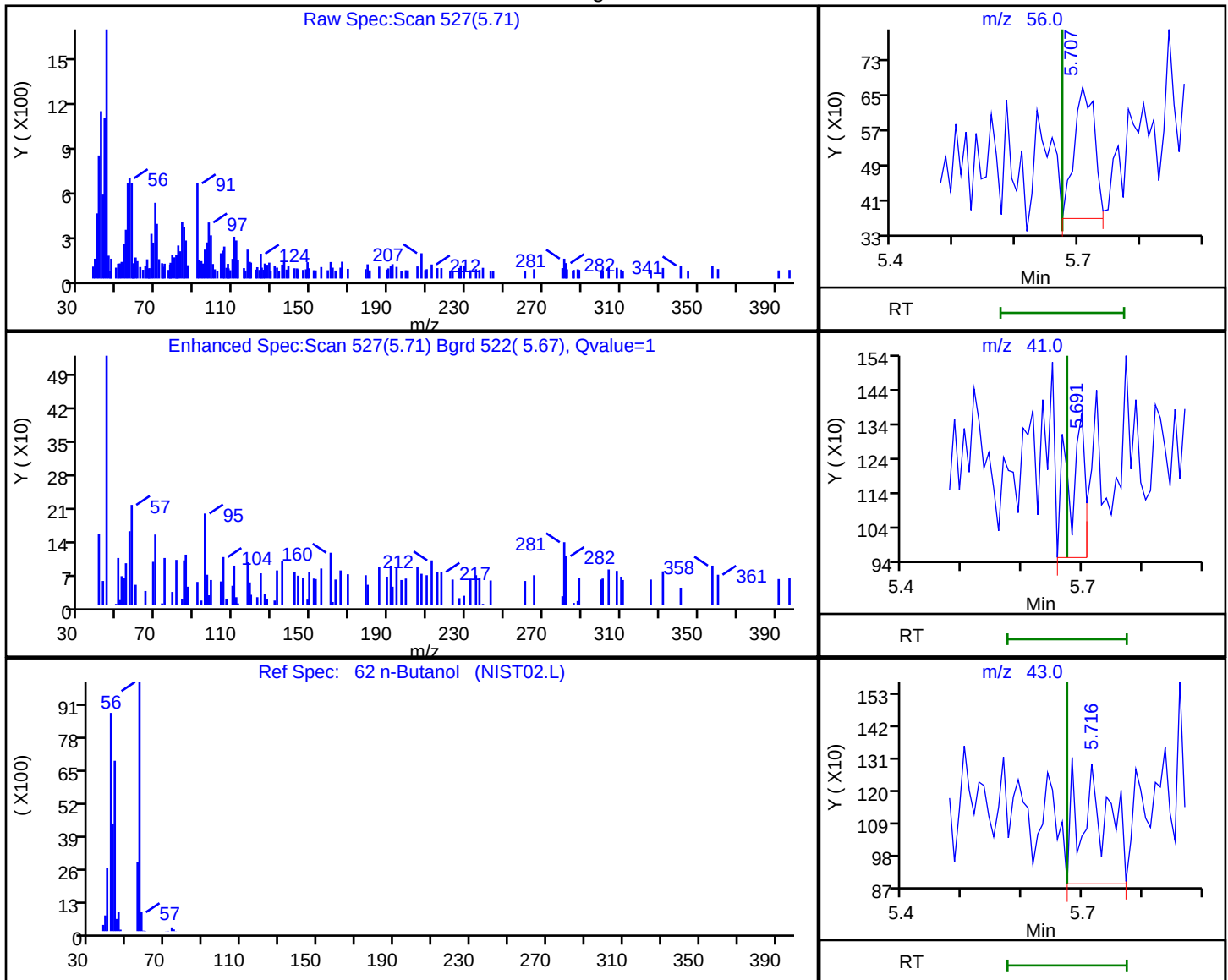
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

62 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.71	56.00	681	10.588931
5.69	41.00	785	
5.72	43.00	1354	

Reviewer: pakanatir, 02-Dec-2019 10:47:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

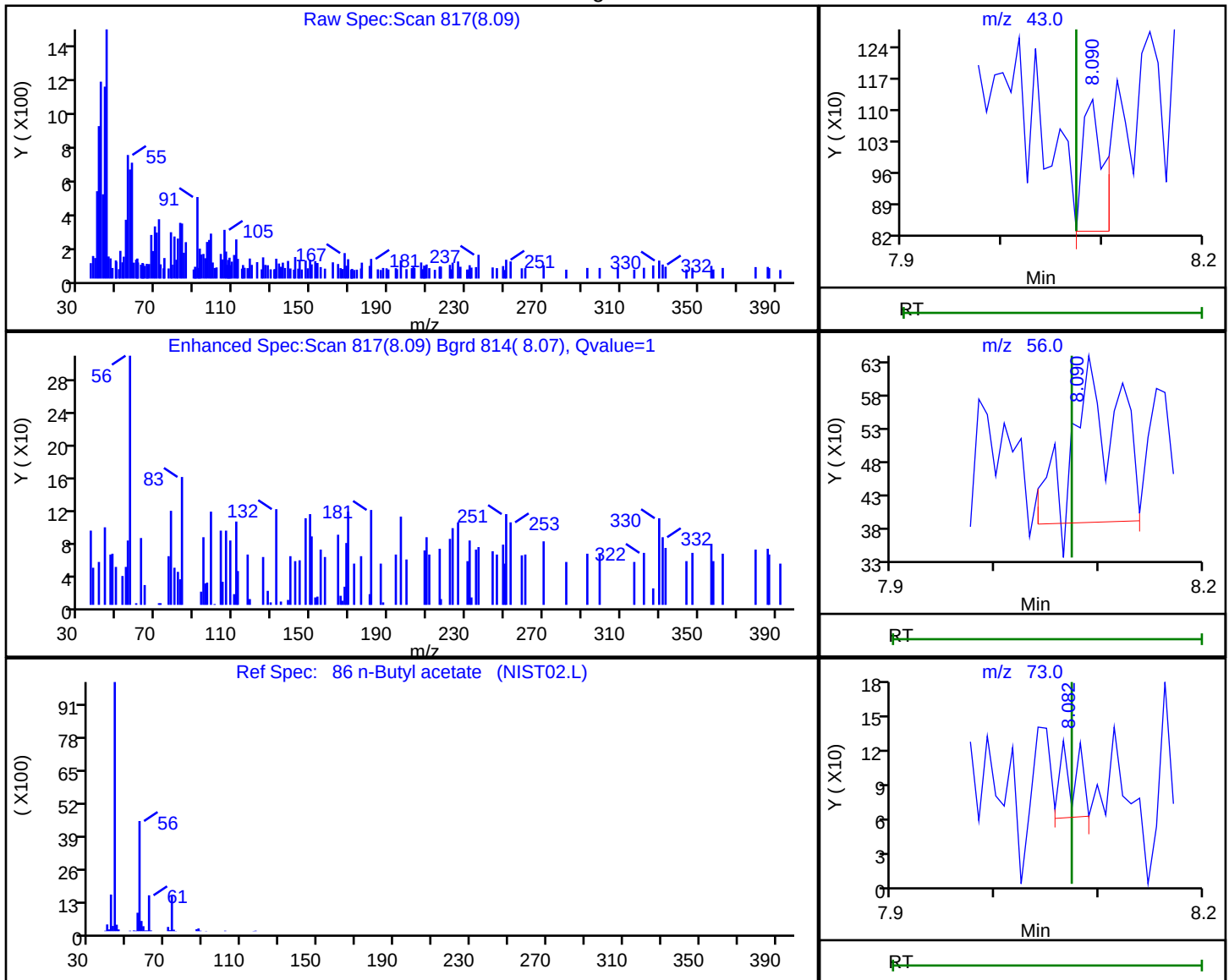
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
8.09	43.00	423	0.109107
8.09	56.00	749	
8.08	73.00	74	

Reviewer: pakanatir, 02-Dec-2019 10:48:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

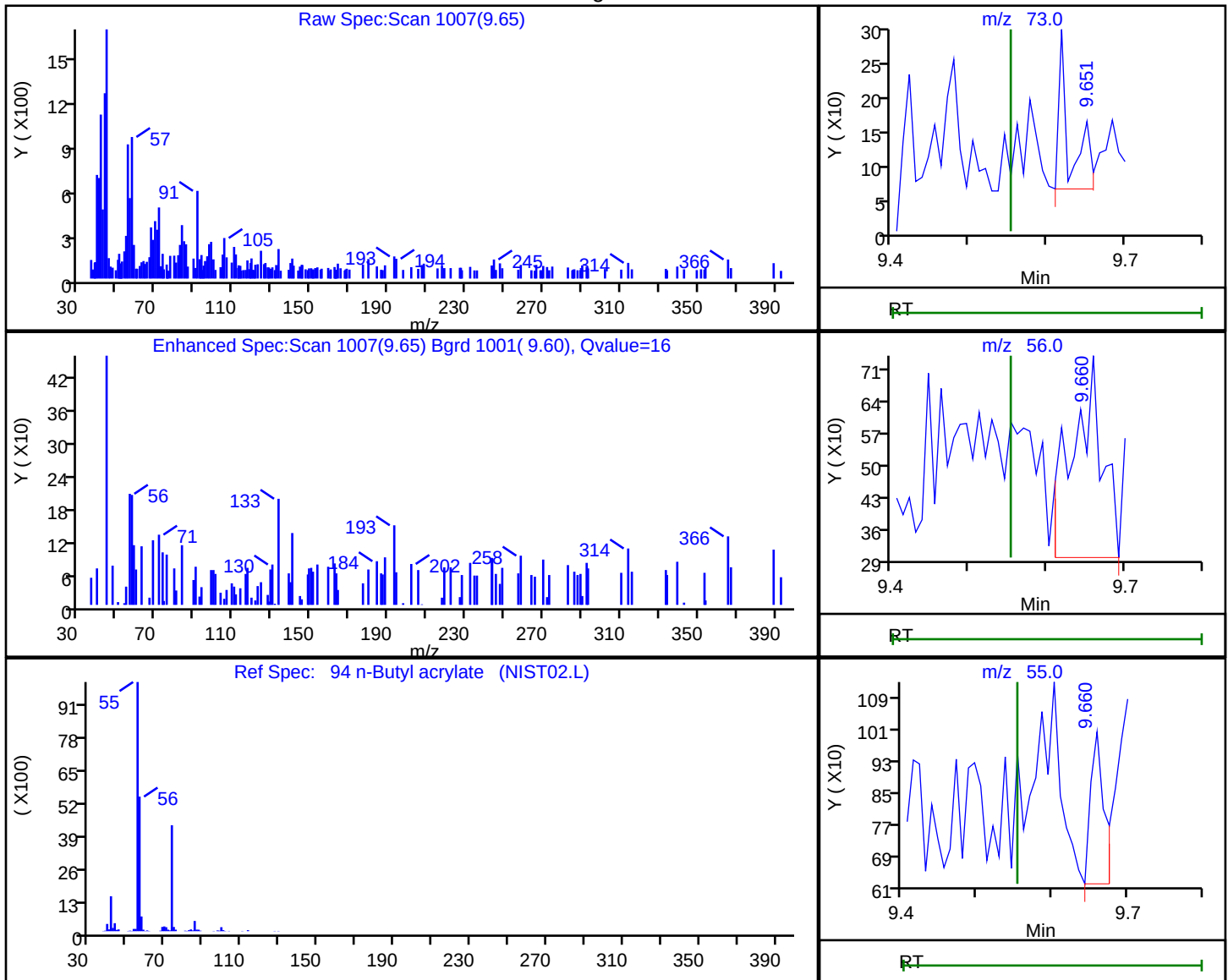
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

94 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.65	73.00	224	0.116112
9.66	56.00	1180	
9.66	55.00	482	

Reviewer: pakanatir, 02-Dec-2019 10:48:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

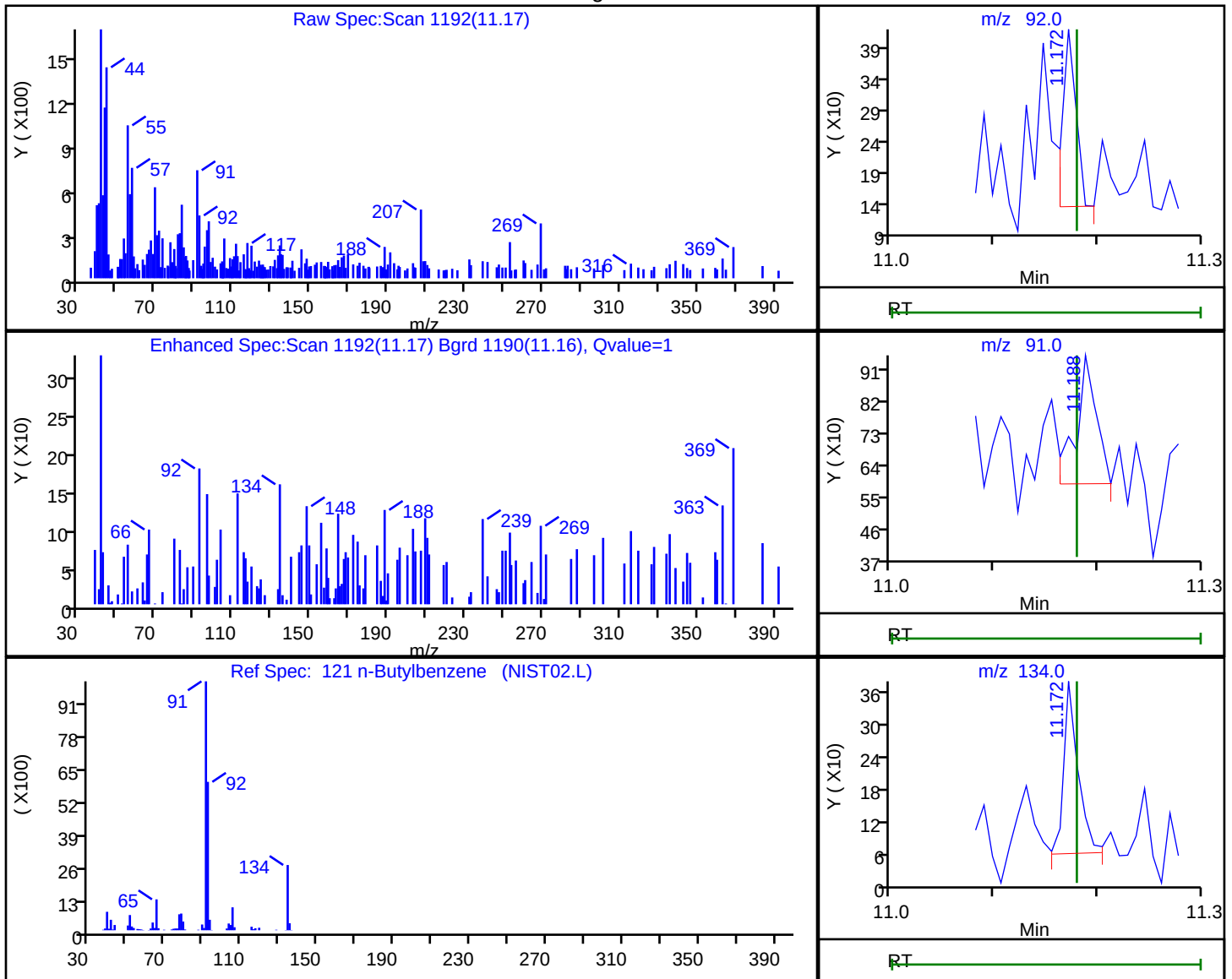
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

121 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.17	92.00	257	0.044865
11.19	91.00	499	
11.17	134.00	313	

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

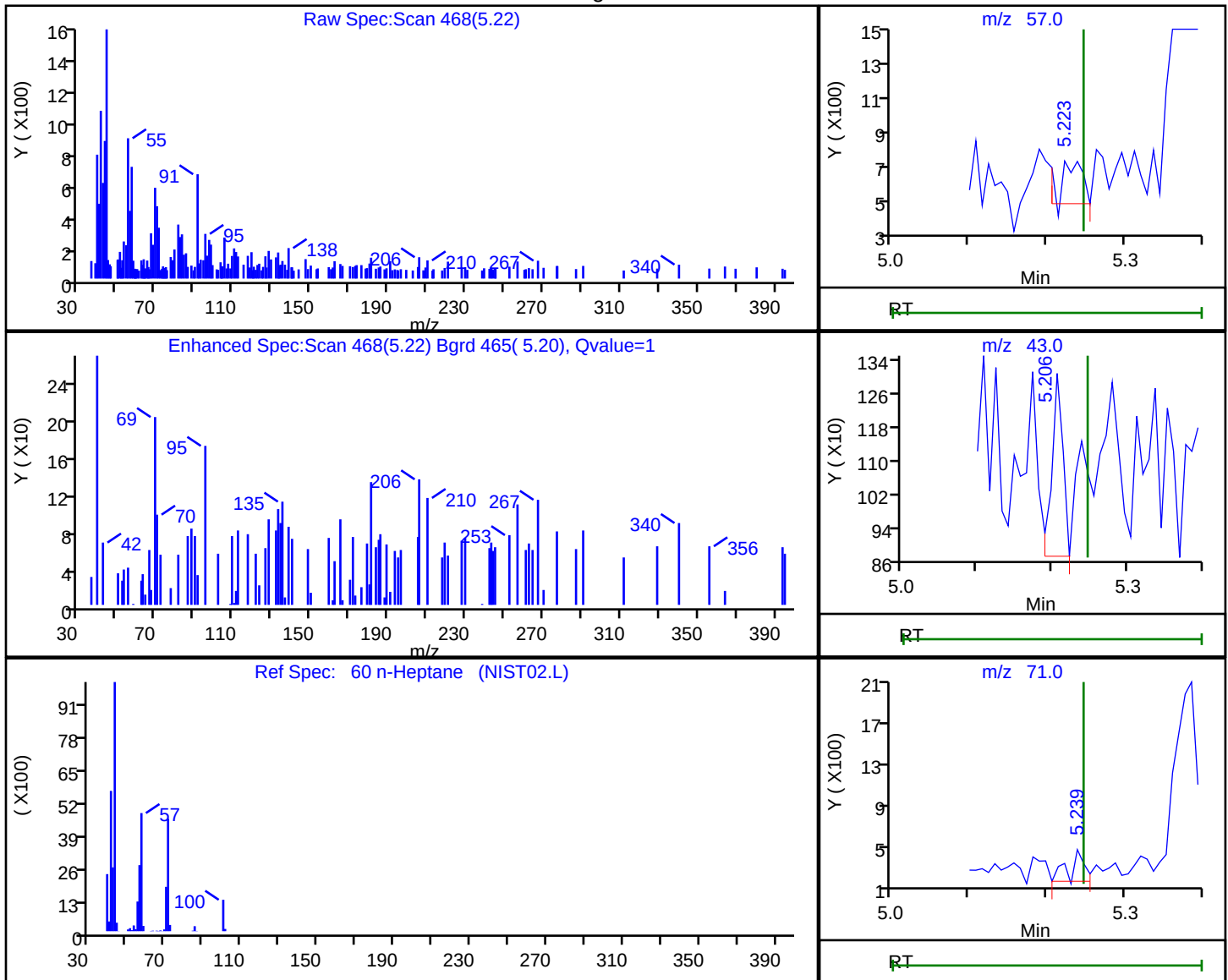
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.22	57.00	448	0.261496
5.21	43.00	438	
5.24	71.00	399	

Reviewer: pakanatir, 02-Dec-2019 10:47:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

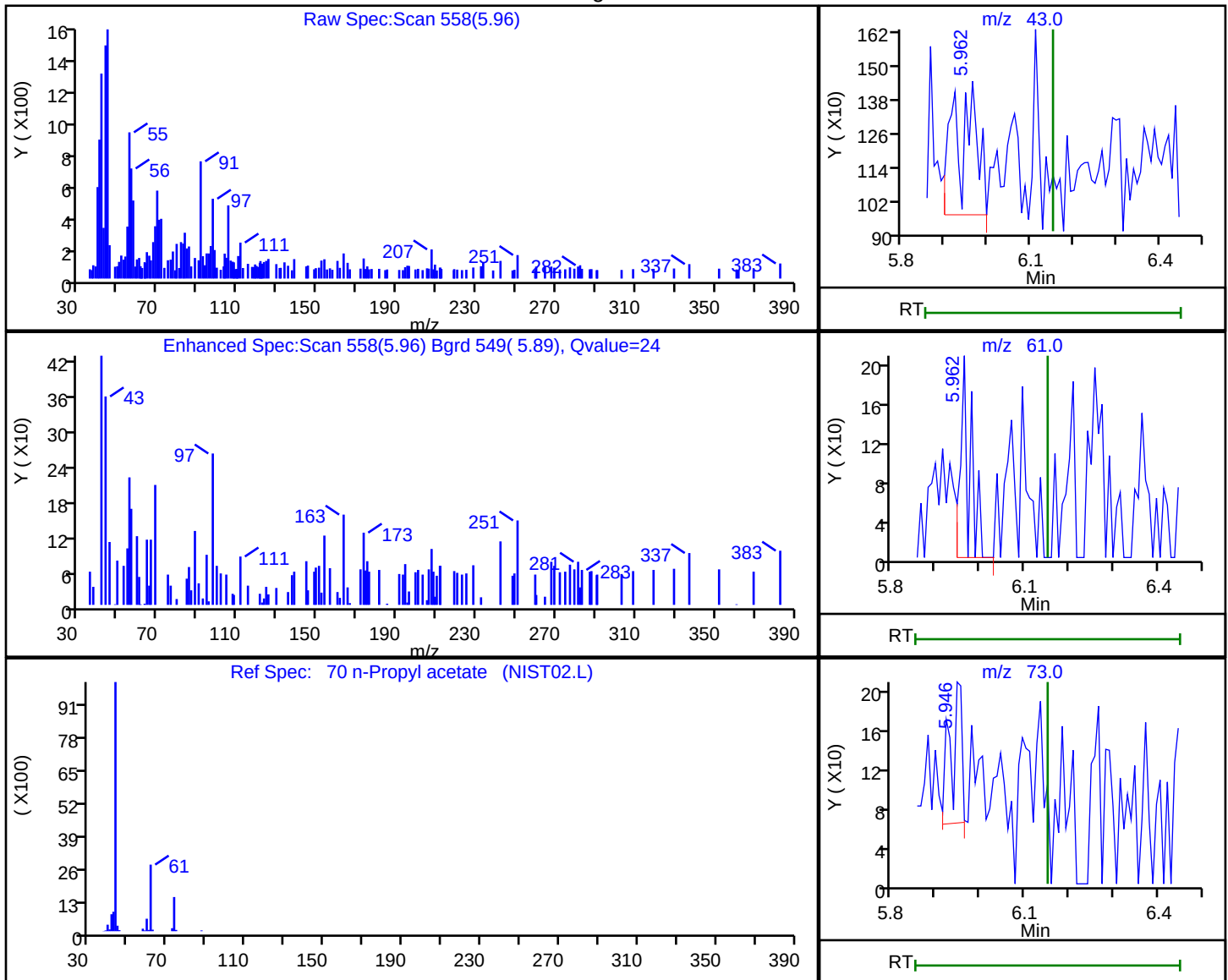
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

70 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.96	43.00	1670	0.472925
5.96	61.00	299	
5.95	73.00	254	

Reviewer: pakanatir, 02-Dec-2019 10:47:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

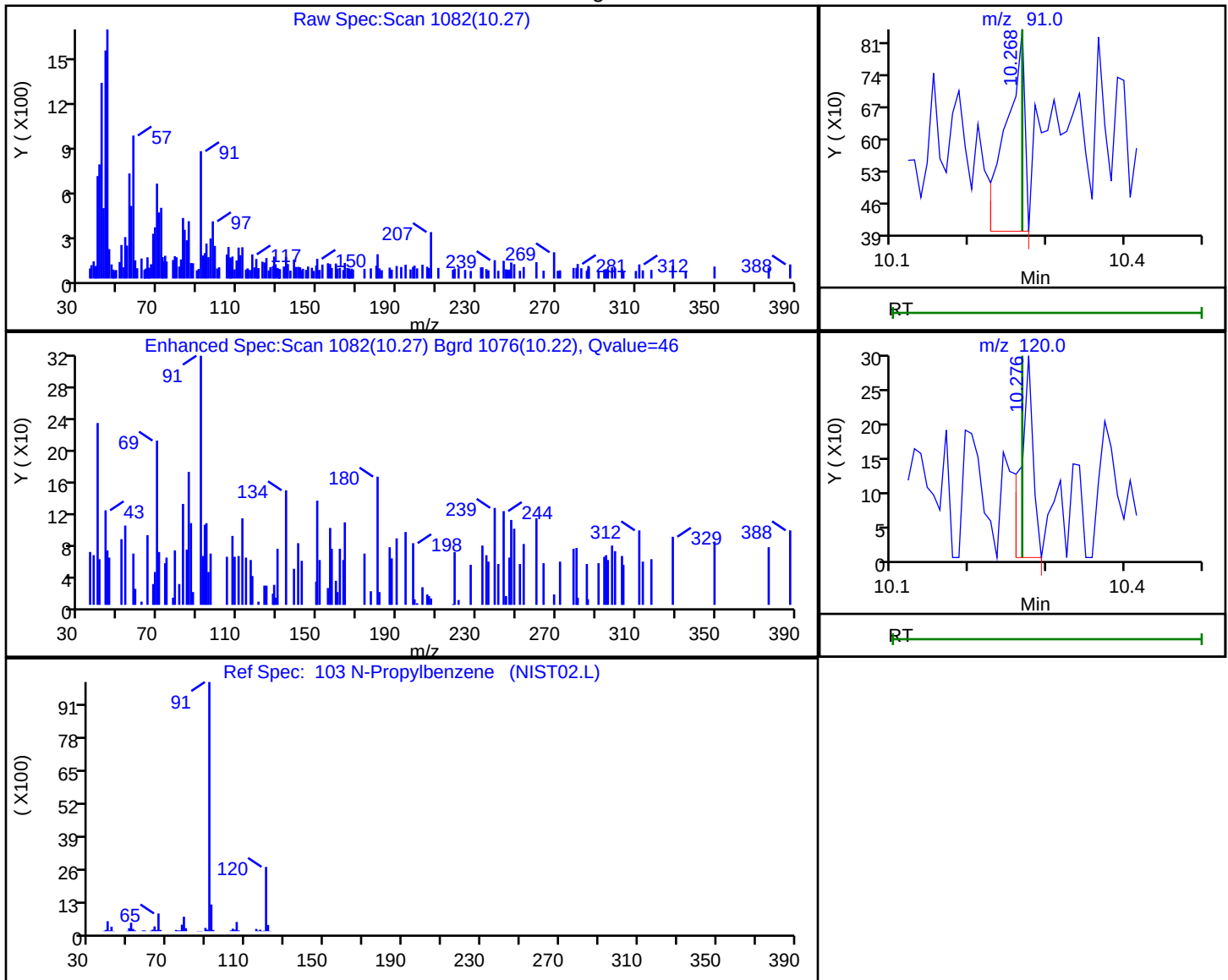
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.27	91.00	733	0.056487
10.28	120.00	315	

Reviewer: pakanatir, 02-Dec-2019 10:48:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

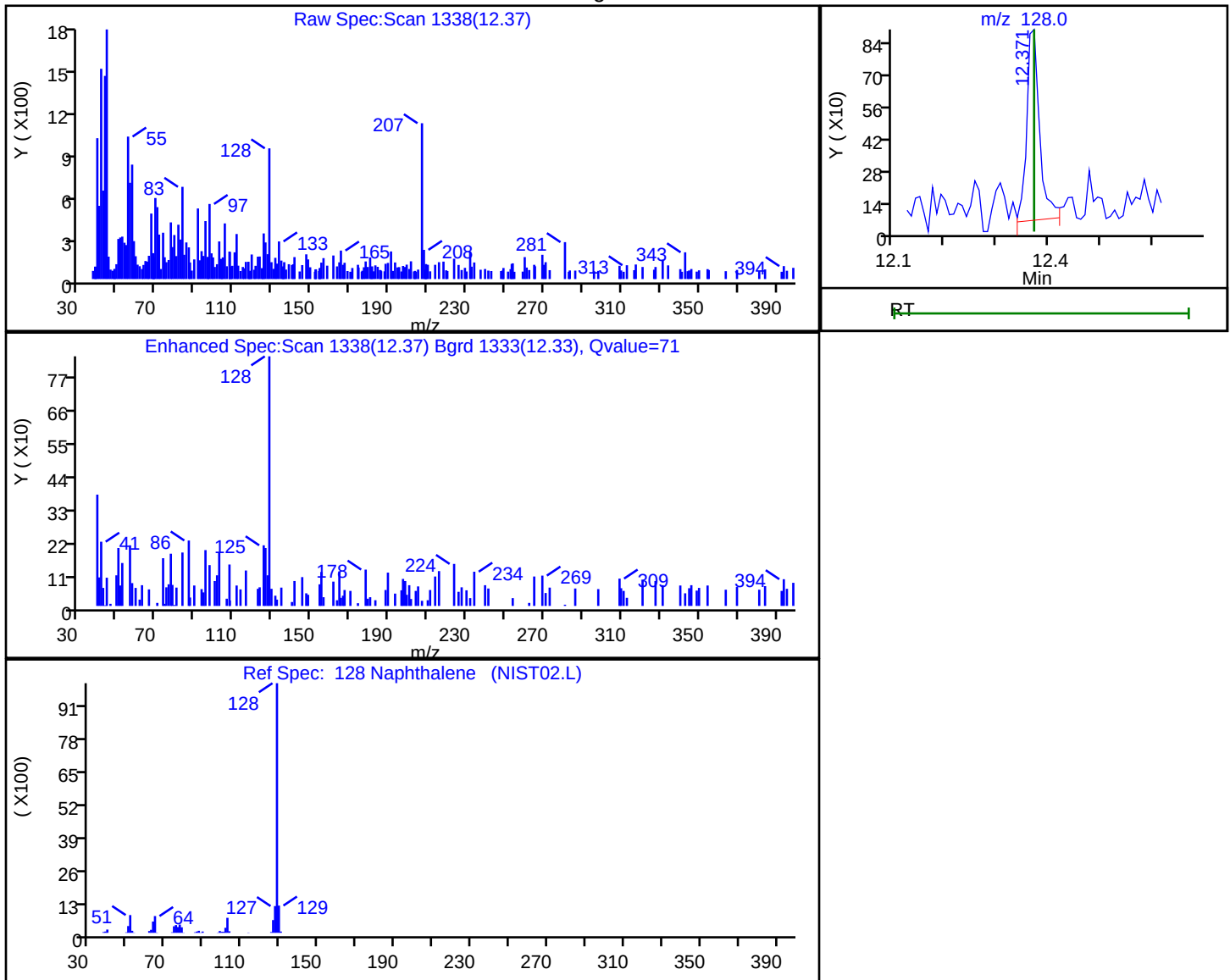
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

128 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.37	128.00	1482	0.155518

Reviewer: pakanatir, 02-Dec-2019 10:48:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

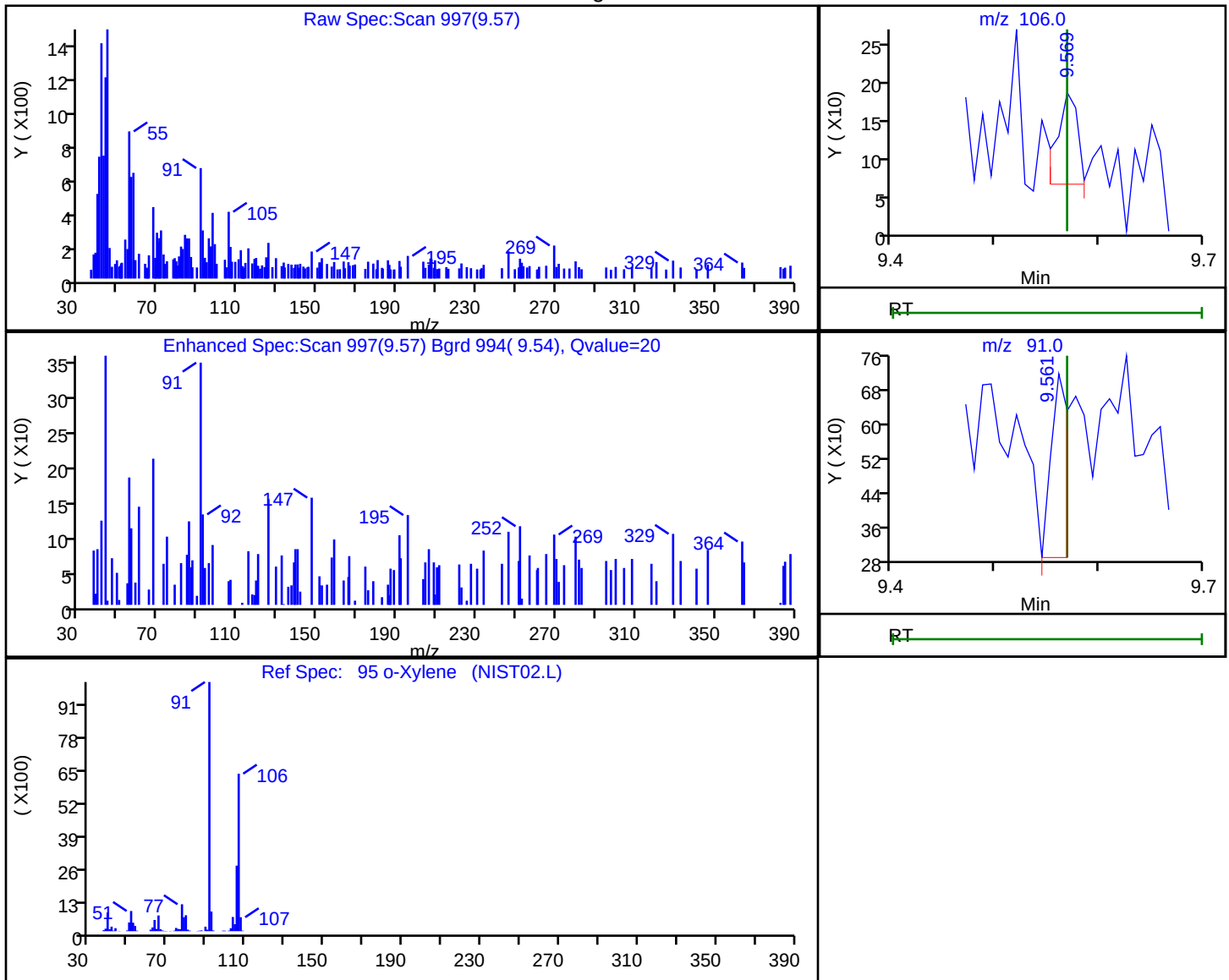
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

95 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
9.57	106.00	163	0.039790
9.56	91.00	503	

Reviewer: pakanatir, 02-Dec-2019 10:48:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

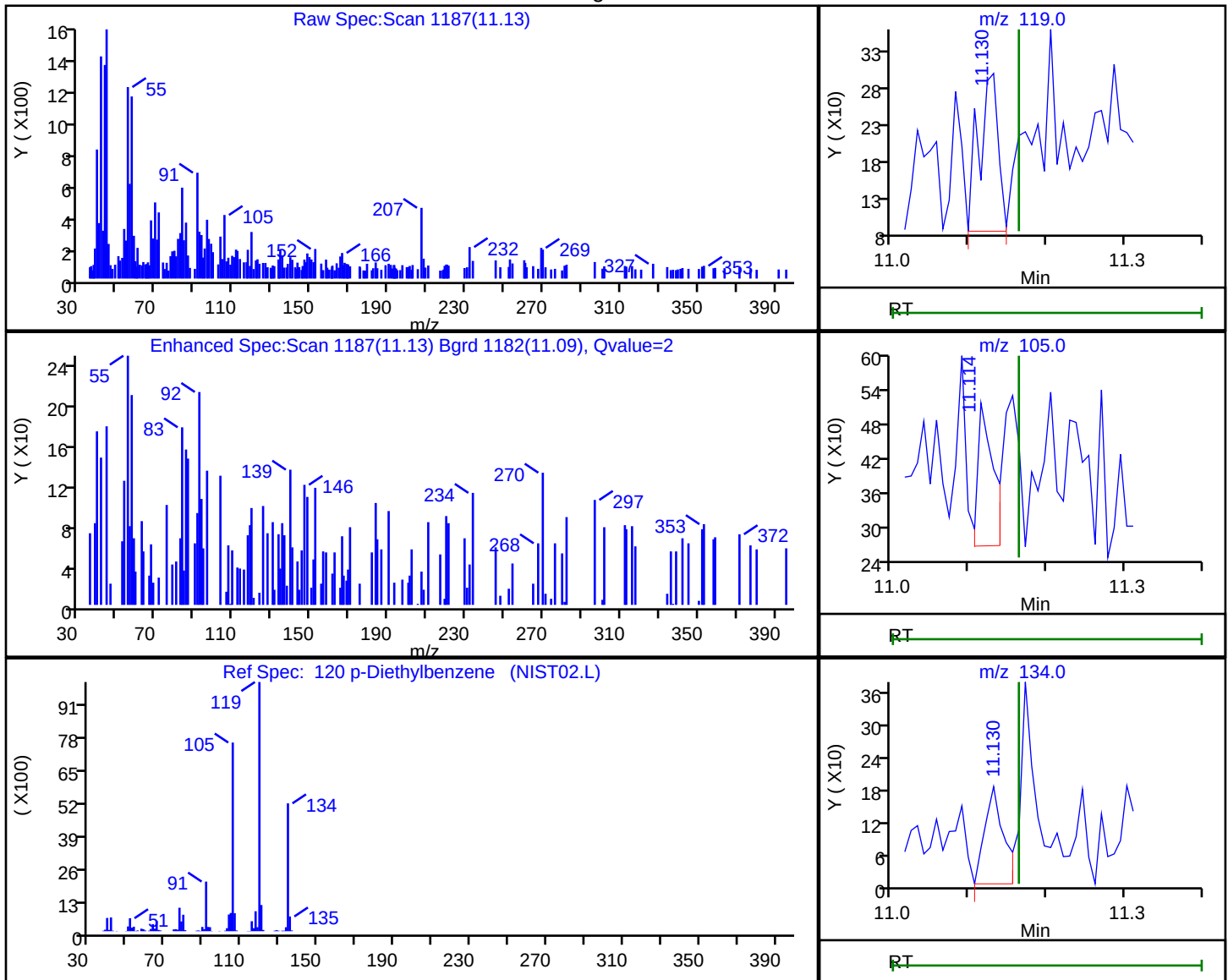
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.13	119.00	359	0.059369
11.11	105.00	350	
11.13	134.00	307	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

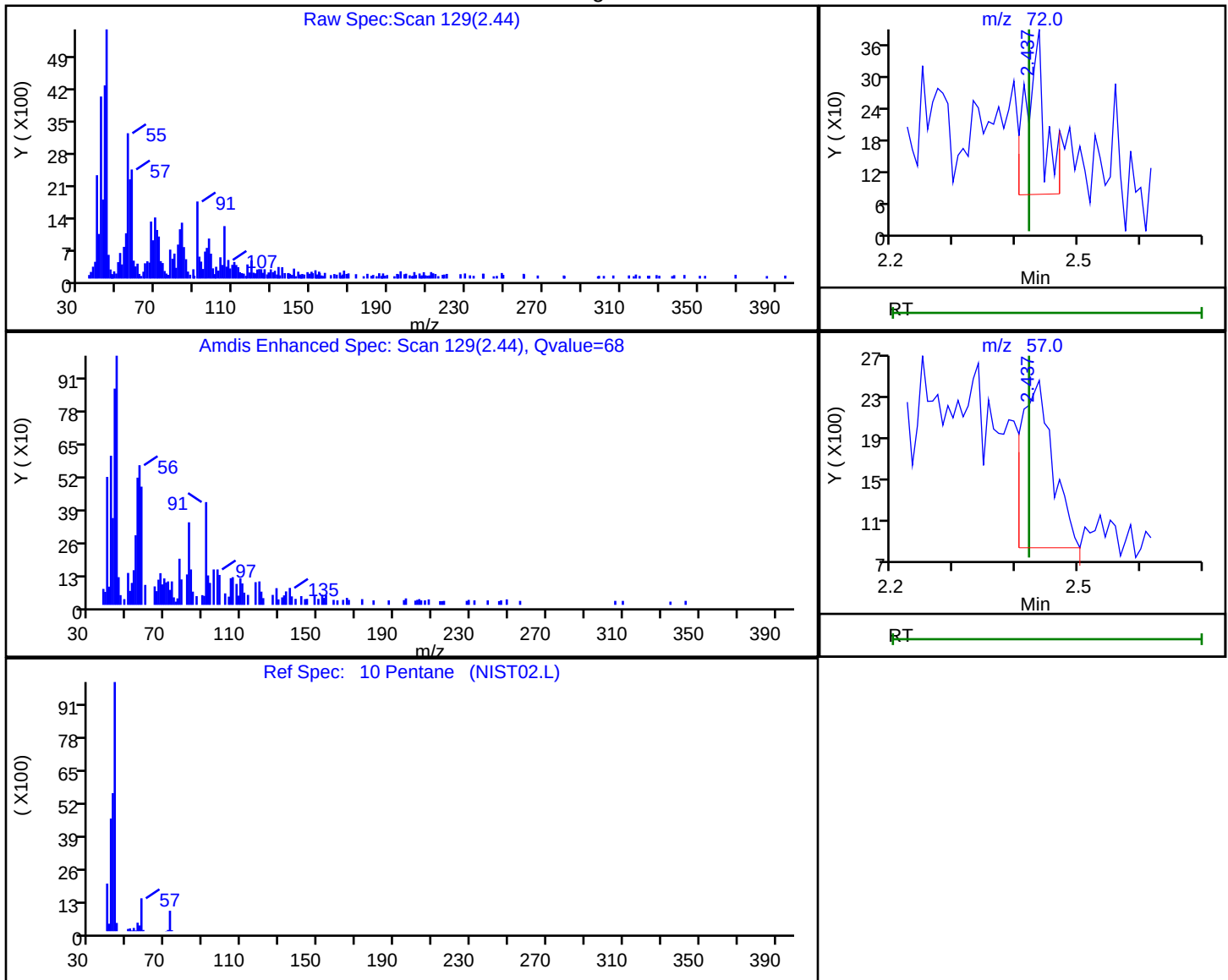
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.44	72.00	647	1.187841
2.44	57.00	5257	

Reviewer: pakanatir, 02-Dec-2019 10:46:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

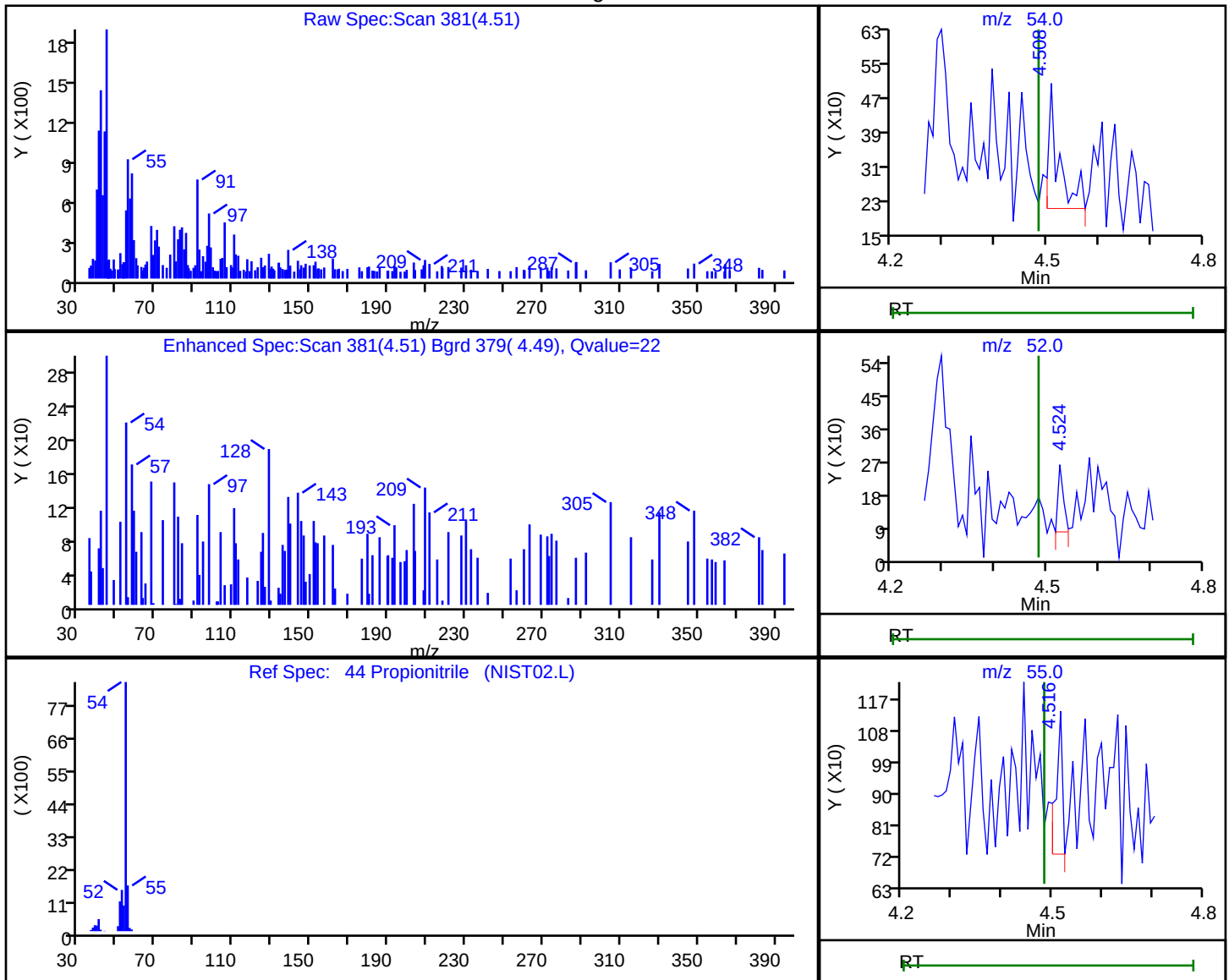
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

44 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.51	54.00	391	1.119901
4.52	52.00	136	
4.52	55.00	358	

Reviewer: pakanatir, 02-Dec-2019 10:47:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

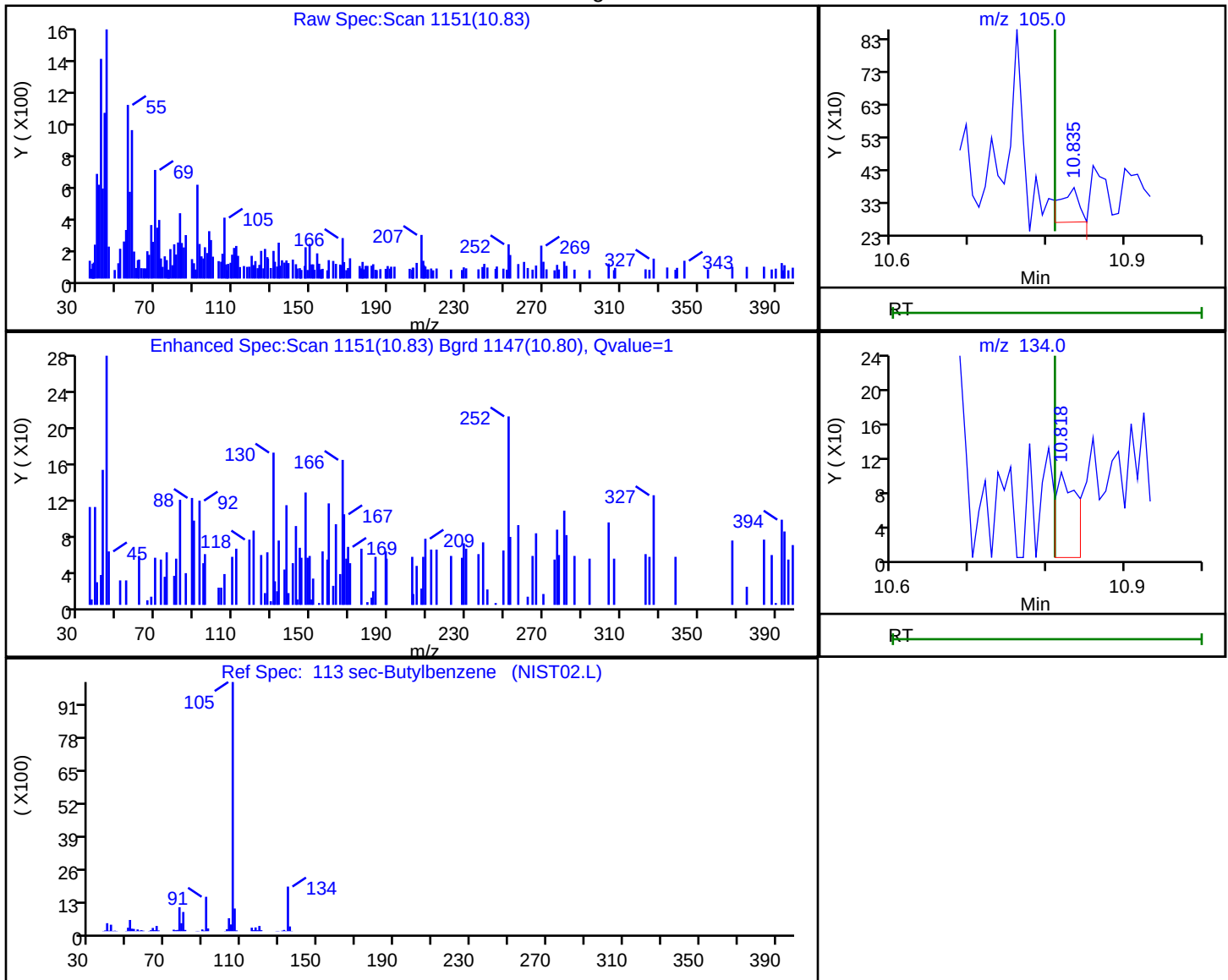
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.83	105.00	181	0.015030
10.82	134.00	191	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

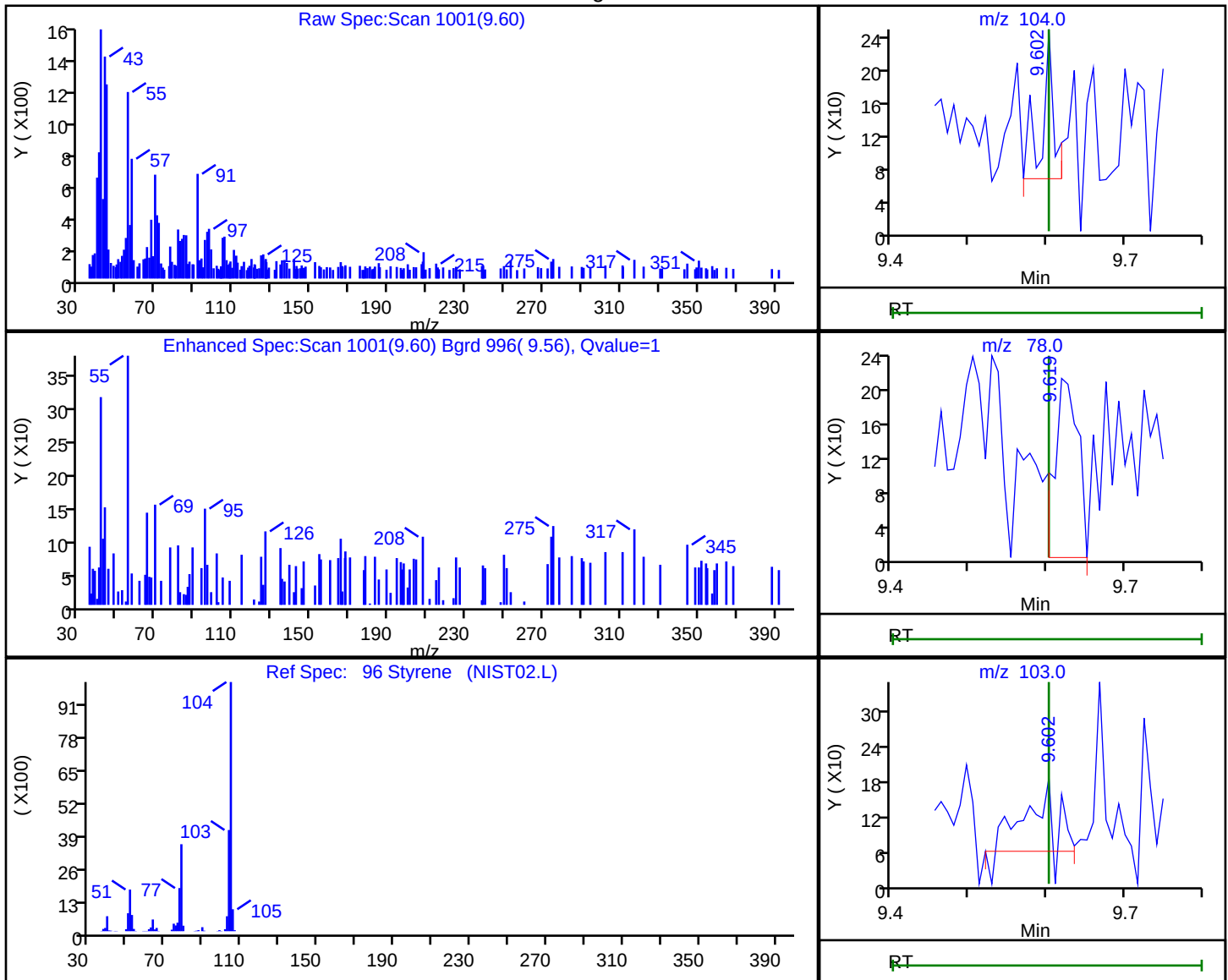
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.60	104.00	194	0.028945
9.62	78.00	452	
9.60	103.00	291	

Reviewer: pakanatir, 02-Dec-2019 10:48:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

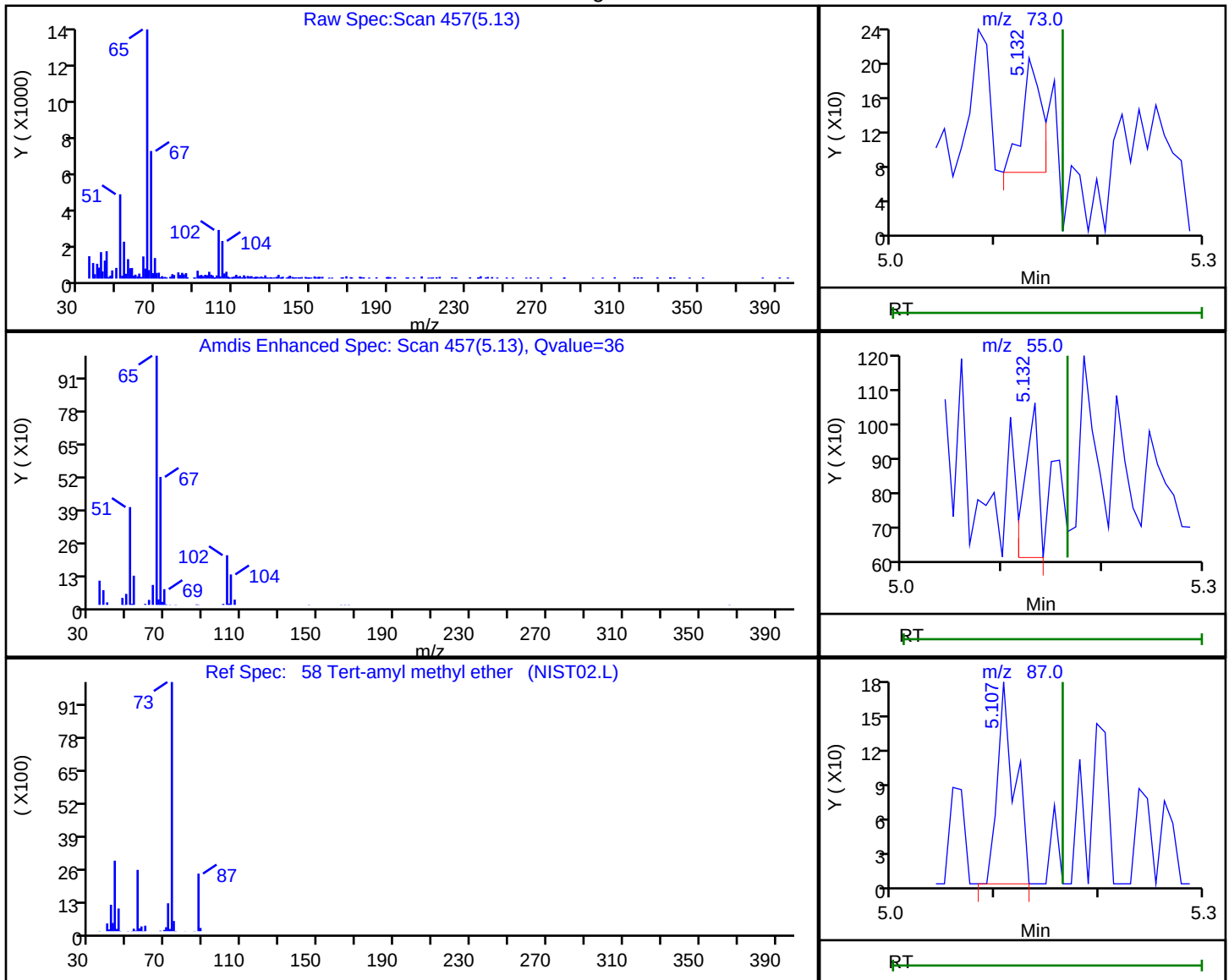
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
5.13	73.00	178	0.025776
5.13	55.00	416	
5.11	87.00	209	

Reviewer: pakanatir, 02-Dec-2019 10:47:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

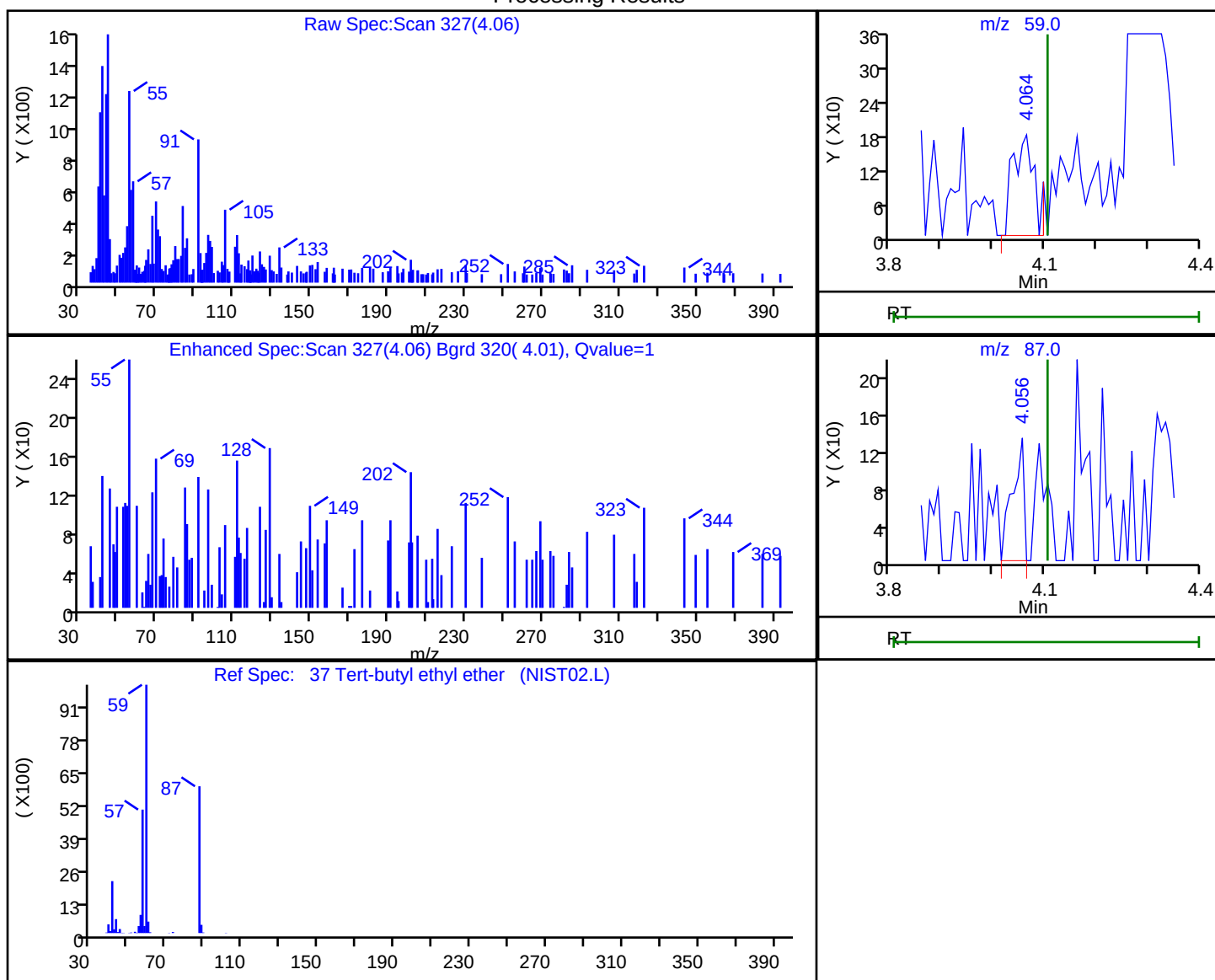
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

37 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
4.06	59.00	516	0.069184
4.06	87.00	207	

Reviewer: pakanatir, 02-Dec-2019 10:47:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

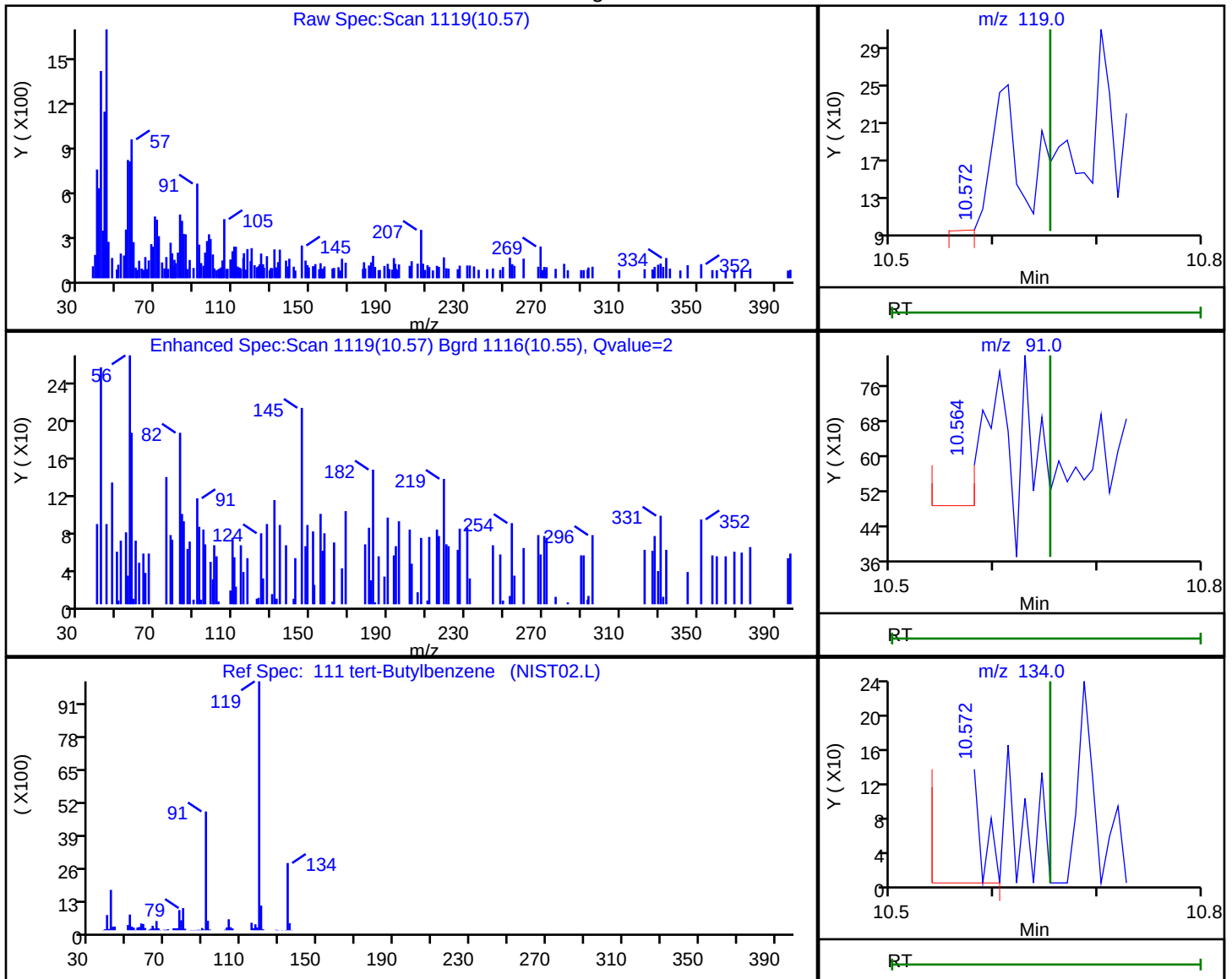
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

111 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.57	119.00	171	0.022810
10.56	91.00	274	
10.57	134.00	405	

Reviewer: pakanatir, 02-Dec-2019 10:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

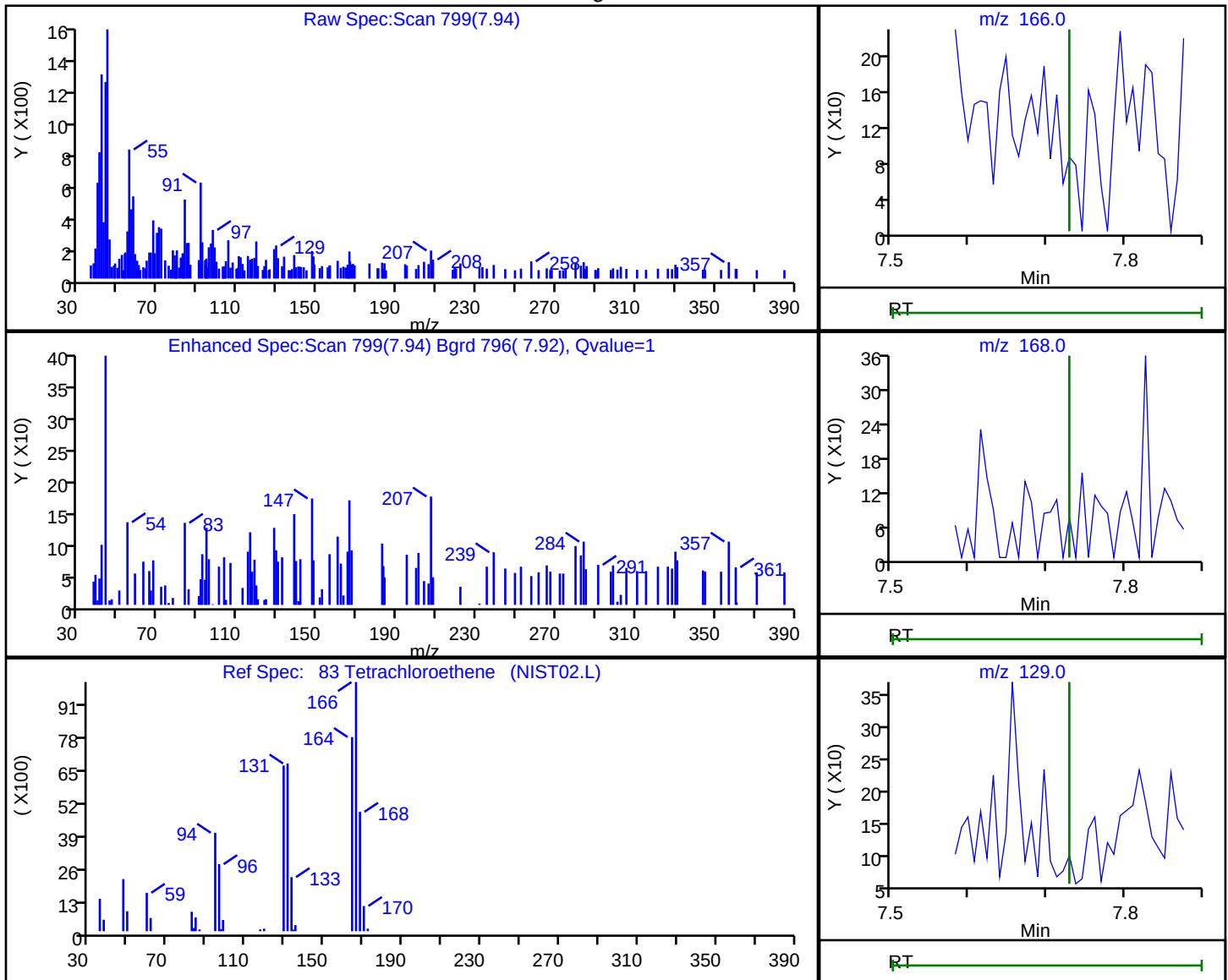
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
7.94	166.00	421	0.189634
7.94	168.00	306	
7.93	129.00	370	

Reviewer: pakanatir, 02-Dec-2019 10:48:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

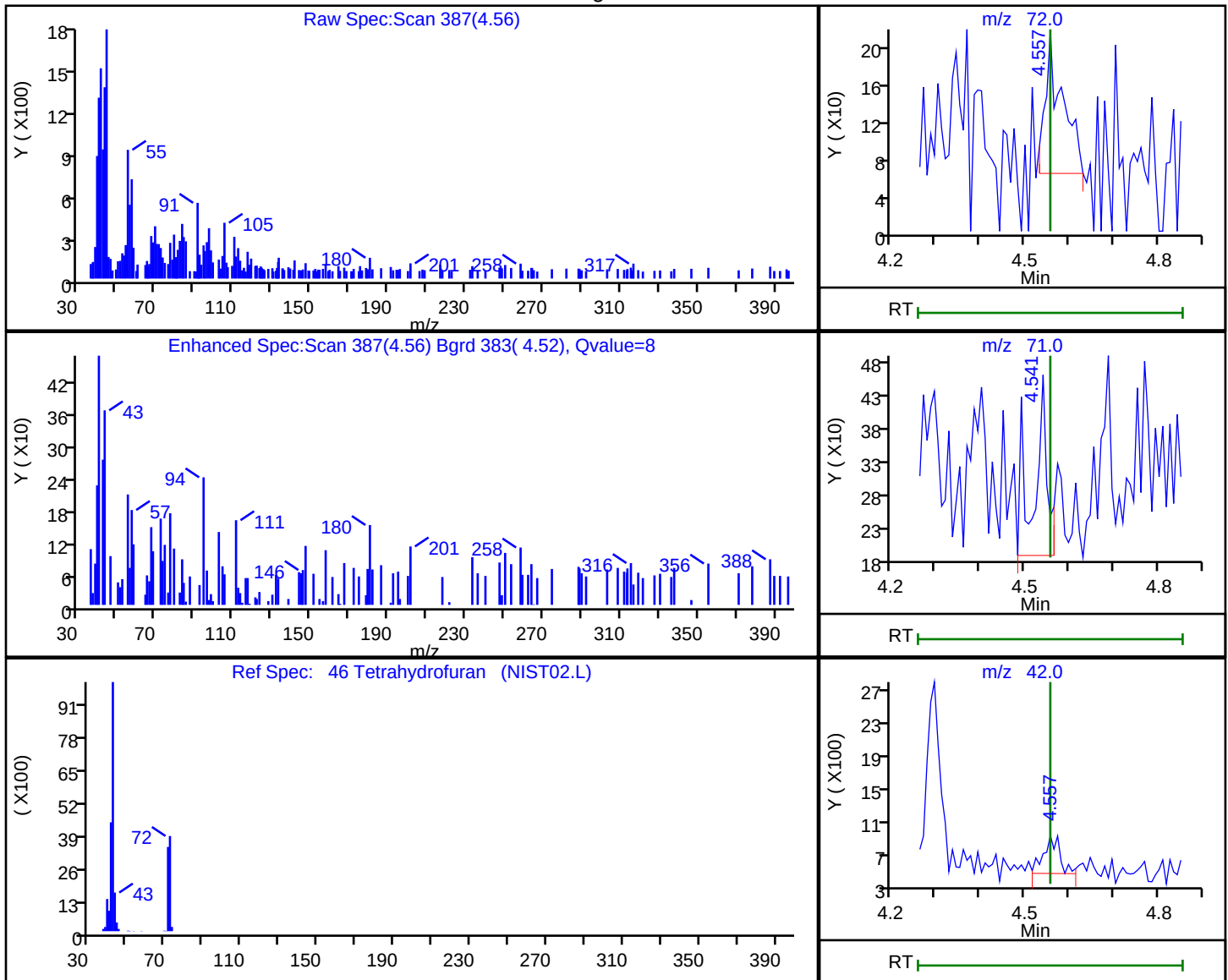
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.56	72.00	423	1.406042
4.54	71.00	535	
4.56	42.00	1171	

Reviewer: pakanatir, 02-Dec-2019 10:47:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

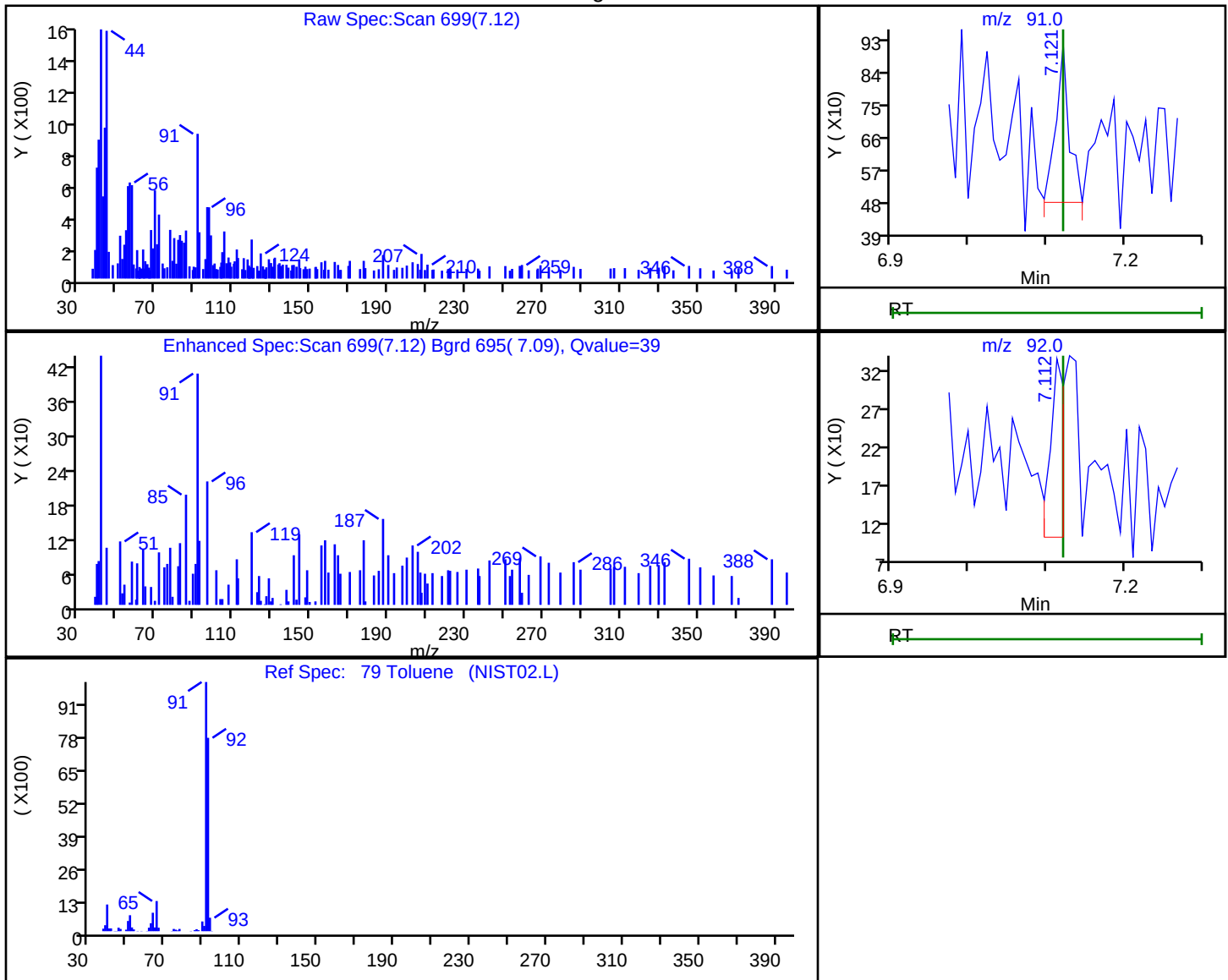
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

79 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.12	91.00	524	0.057620
7.11	92.00	286	

Reviewer: pakanatir, 02-Dec-2019 10:48:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

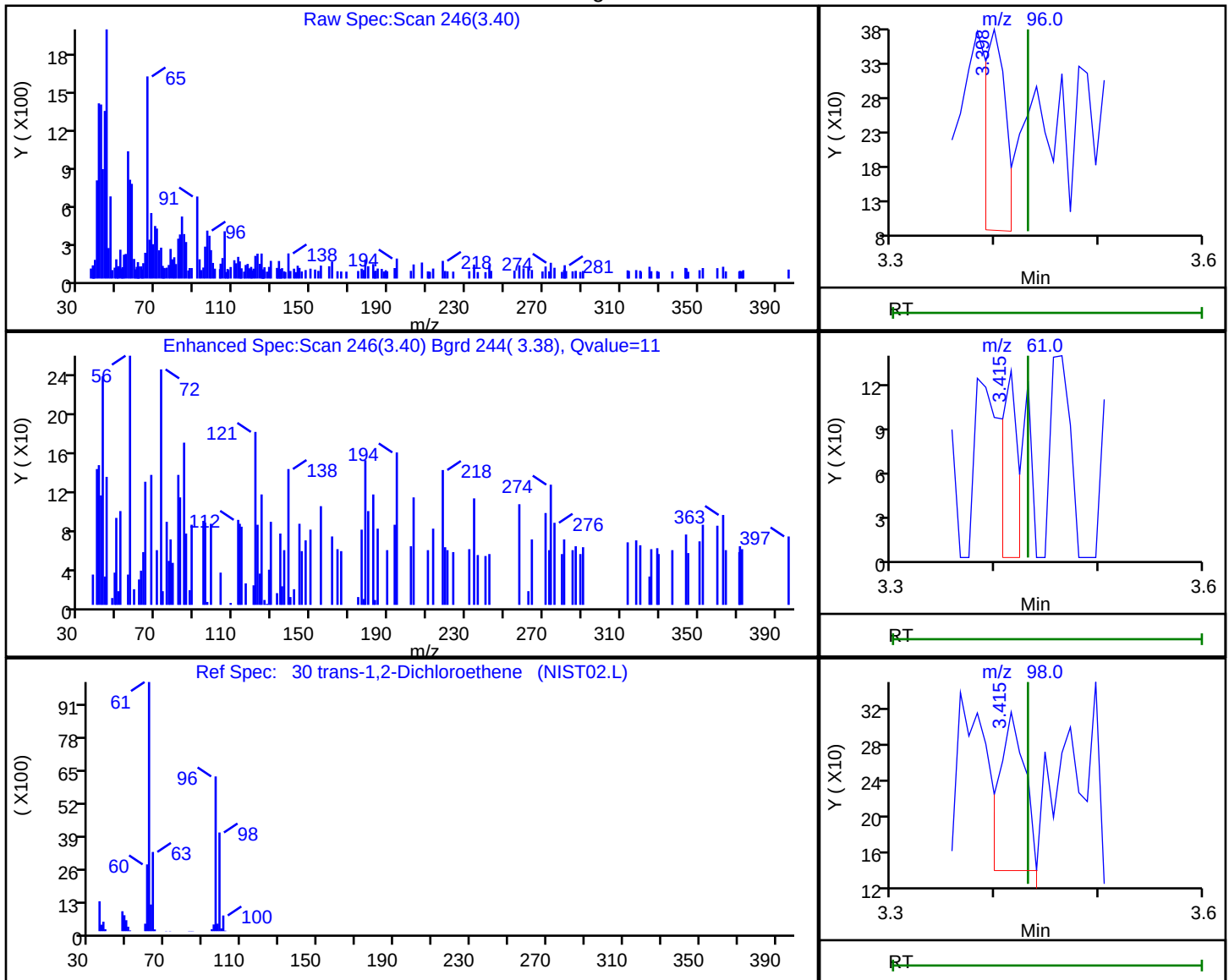
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.40	96.00	420	0.189001
3.41	61.00	134	
3.41	98.00	310	

Reviewer: pakanatir, 02-Dec-2019 10:47:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

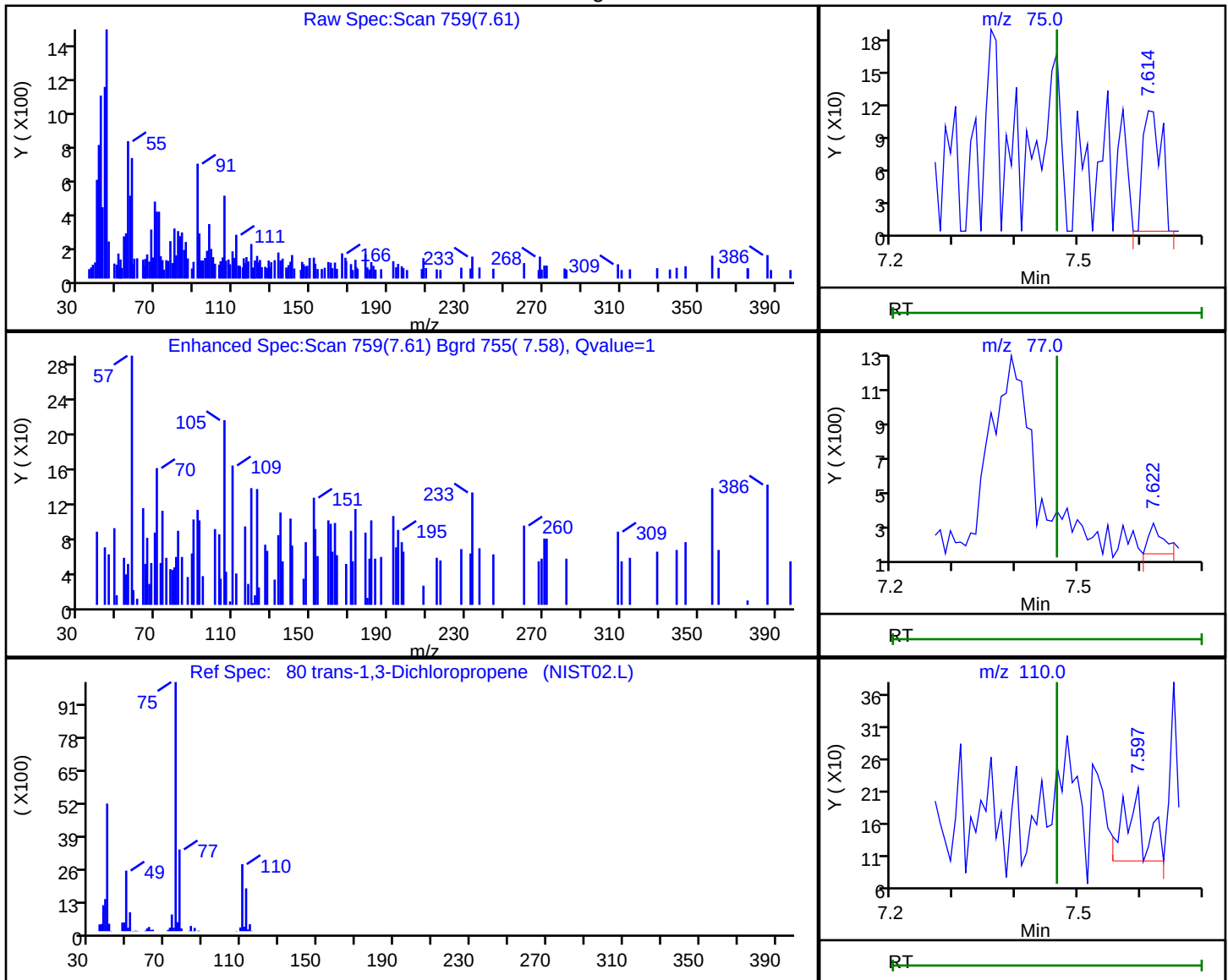
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

80 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
7.61	75.00	225	0.069589
7.62	77.00	272	
7.60	110.00	272	

Reviewer: pakanatir, 02-Dec-2019 10:48:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

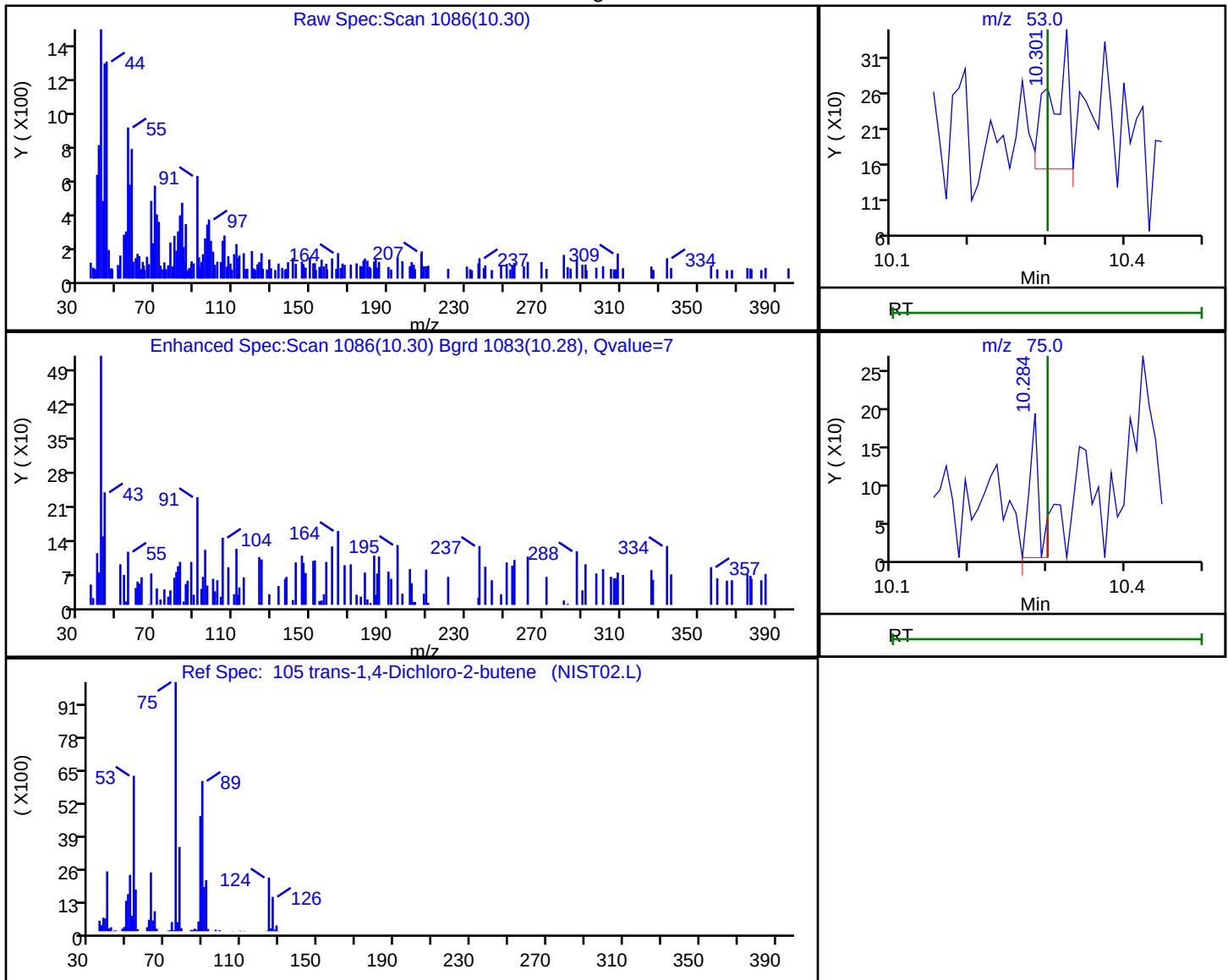
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
10.30	53.00	291	0.318862
10.28	75.00	164	

Reviewer: pakanatir, 02-Dec-2019 10:48:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

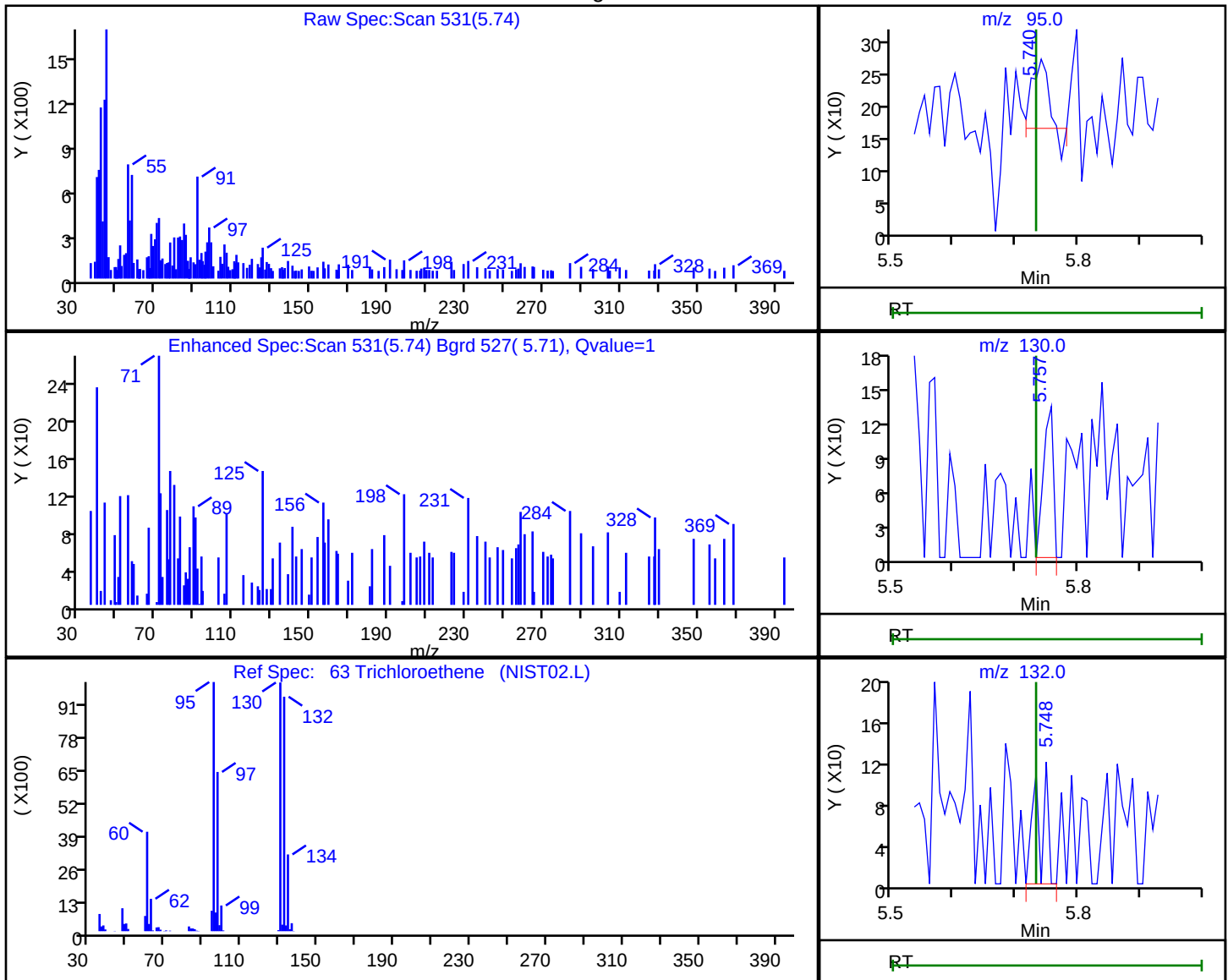
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
5.74	95.00	165	0.077093
5.76	130.00	144	
5.75	132.00	142	

Reviewer: pakanatir, 02-Dec-2019 10:47:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

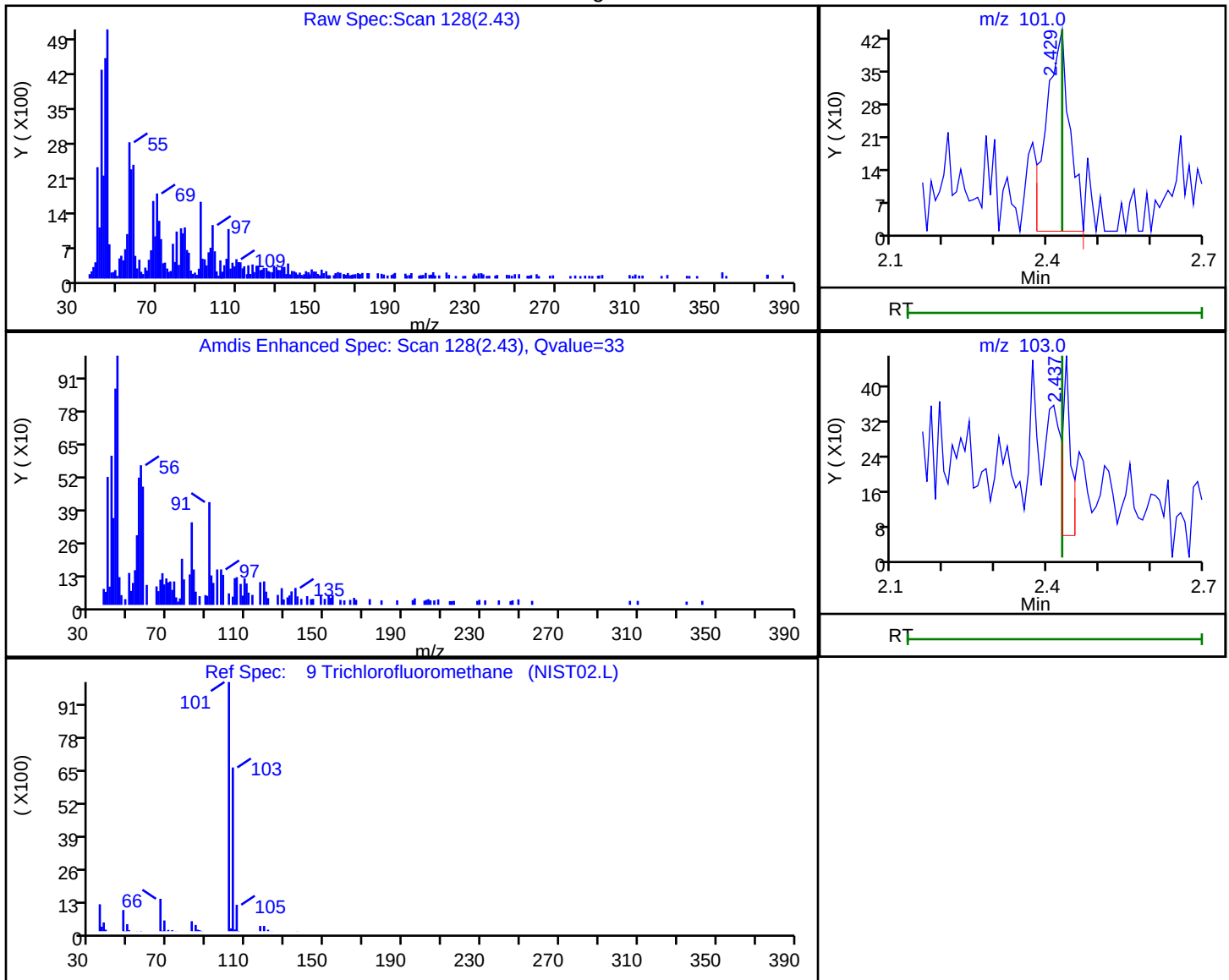
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.43	101.00	1338	0.250000
2.44	103.00	457	

Reviewer: boykink, 29-Nov-2019 22:36:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

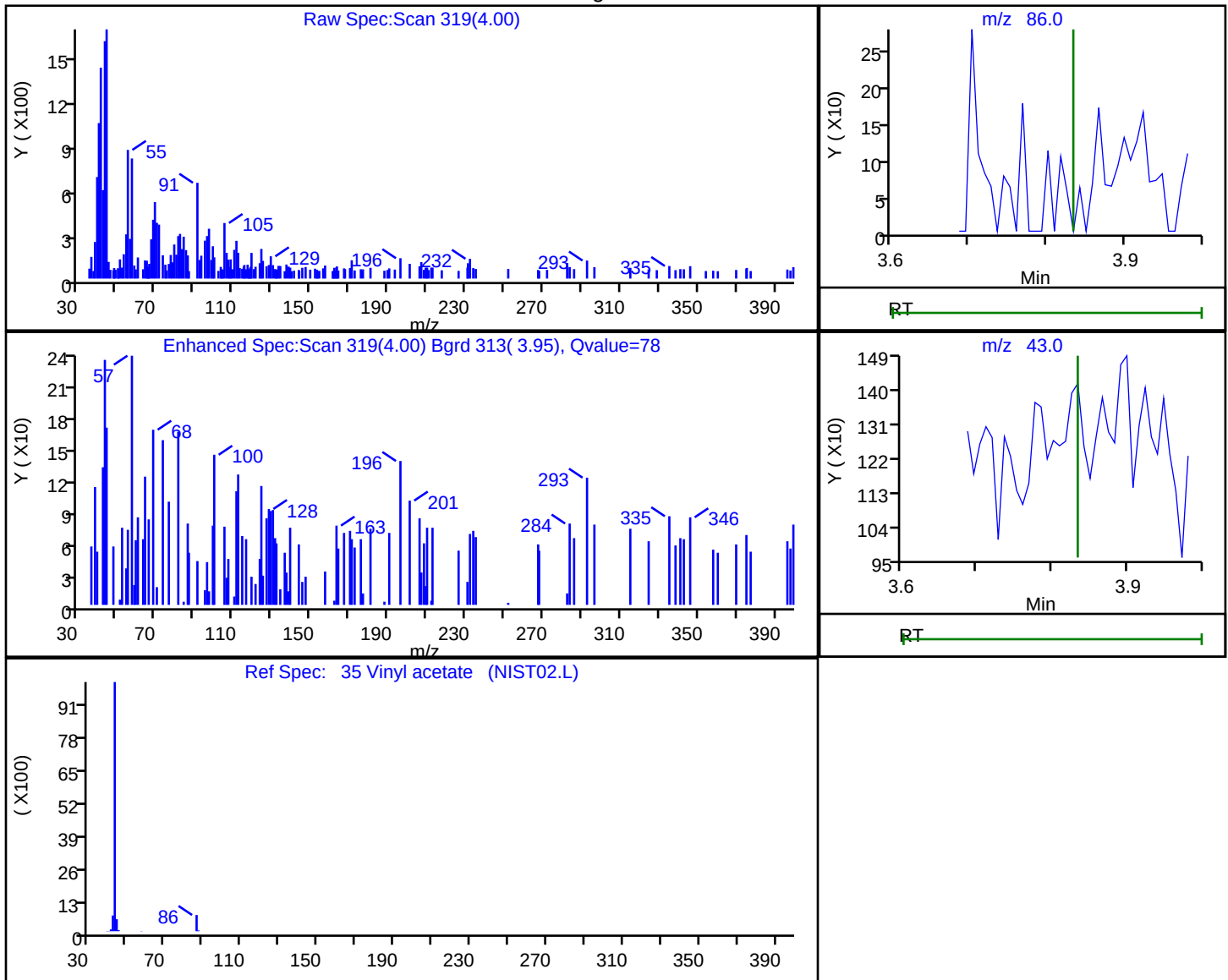
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
4.00	86.00	196	0.367875
4.00	43.00	1407	

Reviewer: pakanatir, 02-Dec-2019 10:47:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89085.D

Injection Date: 29-Nov-2019 22:20:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

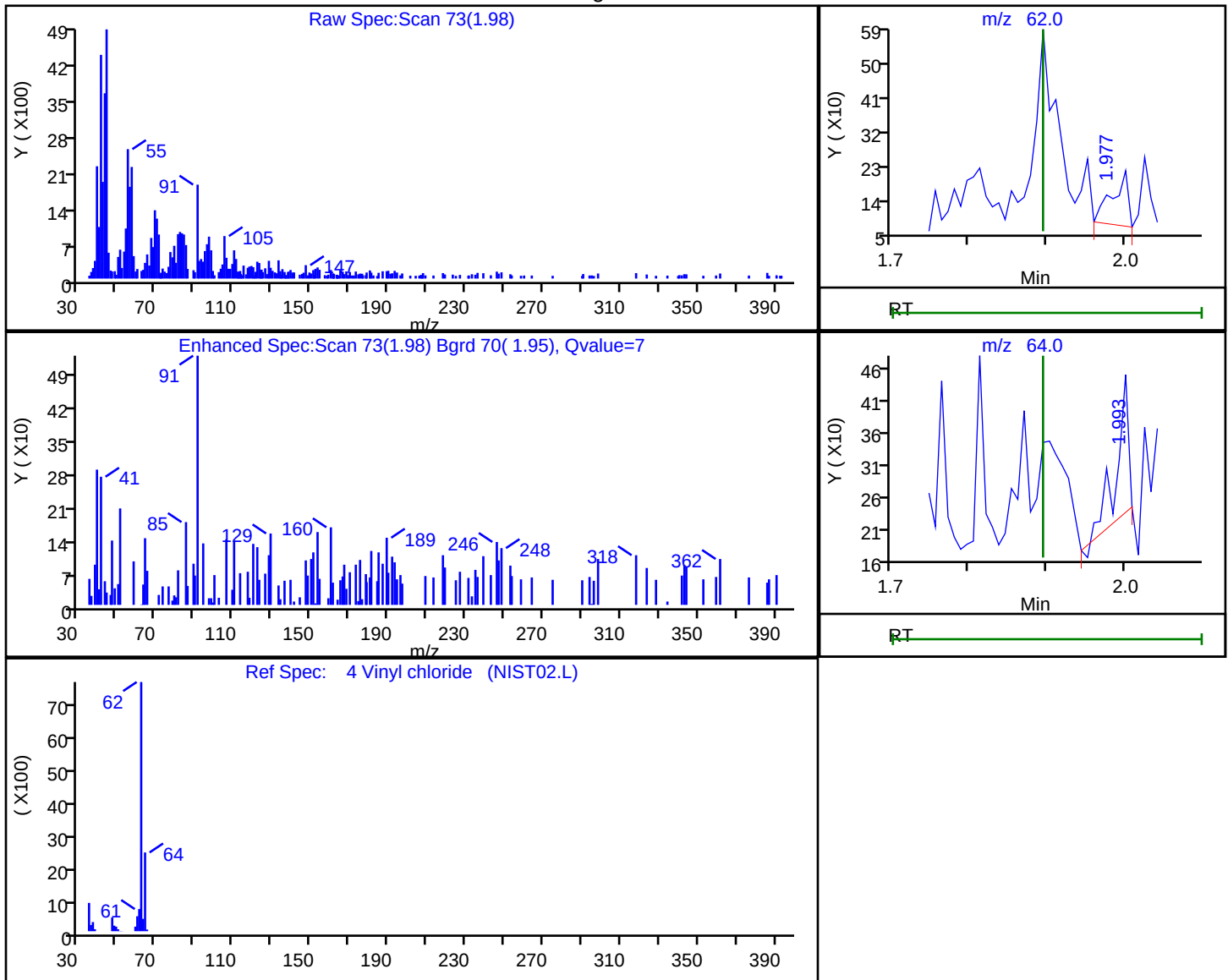
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.98	62.00	206	0.250000
1.99	64.00	221	

Reviewer: boykink, 29-Nov-2019 22:36:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 29-Nov-2019 22:43:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0102046-004
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Dec-2019 11:33:31 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: boykink

Date: 29-Nov-2019 23:18:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.591	1.607	-0.016	35	715	1.00	0.8041	M
2 Dichlorodifluoromethane	85	1.632	1.640	-0.008	63	2963	1.00	0.8786	
3 Chloromethane	50	1.812	1.804	0.008	98	4397	1.00	1.13	M
4 Vinyl chloride	62	1.903	1.895	0.008	87	3428	1.00	0.9407	
5 Butadiene	54	1.903	1.895	0.008	94	3648	1.00	1.05	
6 Bromomethane	94	2.174	2.174	0.000	95	2821	1.00	1.13	
7 Chloroethane	64	2.231	2.231	0.000	31	2492	1.00	1.09	M
8 Dichlorofluoromethane	67	2.420	2.412	0.008	92	7505	1.00	1.24	M
10 Pentane	72	2.429	2.420	0.009	88	674	2.00	1.33	M
9 Trichlorofluoromethane	101	2.437	2.429	0.008	52	4522	1.00	1.04	M
12 Ethyl ether	59	2.618	2.609	0.009	89	1771	1.00	1.06	M
11 Ethanol	46	2.651	2.618	0.033	26	490	40.0	43.9	a
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	92	1841	1.00	0.9086	
164 1,1,1-Trifluoro-2,2-dichlo	83	2.716	2.724	-0.008	35	2528	1.00	0.8389	a
15 Acrolein	56	2.798	2.782	0.016	18	1127	4.00	3.50	M
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.798	0.009	44	2268	1.00	1.02	
17 1,1-Dichloroethene	96	2.848	2.831	0.017	88	2400	1.00	1.15	M
18 Acetone	43	2.905	2.897	0.008	82	4740	5.00	6.40	M
19 Iodomethane	142	2.987	2.979	0.008	98	4595	1.00	1.17	
20 Isopropyl alcohol	45	2.996	2.979	0.017	34	1033	10.0	7.61	
21 Carbon disulfide	76	3.037	3.028	0.009	95	8295	1.00	1.03	M
22 3-Chloro-1-propene	41	3.127	3.119	0.008	89	4336	1.00	1.03	a
24 Methyl acetate	43	3.135	3.127	0.008	91	4840	2.00	2.70	
23 Cyclopentene	67	3.152	3.143	0.009	90	5534	1.00	1.05	
25 Acetonitrile	41	3.218	3.193	0.025	20	2460	10.0	7.31	Ma
* 26 TBA-d9 (IS)	65	3.242	3.234	0.008	0	217046	1000.0	1000.0	
27 Methylene Chloride	84	3.259	3.259	0.000	42	2603	1.00	1.08	
28 2-Methyl-2-propanol	59	3.291	3.300	-0.009	36	2855	10.0	12.8	a
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	94	5549	1.00	0.8995	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	97	2168	1.00	1.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.505	3.497	0.008	98	8666	10.0	10.0	
32 Hexane	43	3.595	3.579	0.016	72	3074	1.00	0.99	
33 Isopropyl ether	45	3.793	3.793	0.000	91	6820	1.00	0.9704	
34 1,1-Dichloroethane	63	3.826	3.817	0.009	61	4369	1.00	1.14	
35 Vinyl acetate	86	3.842	3.834	0.008	99	1169	2.00	2.39	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	93	1863	1.00	1.00	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	84	7650	1.00	1.12	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	225758	250.0	250.0	
39 2,2-Dichloropropane	97	4.319	4.327	-0.008	45	991	1.00	1.24	M
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	94	2345	1.00	1.06	
41 2-Butanone (MEK)	72	4.351	4.343	0.008	95	1663	5.00	6.53	
42 Ethyl acetate	70	4.360	4.351	0.009	91	647	2.00	2.72	
43 Methyl acrylate	55	4.401	4.401	0.000	41	2113	1.00	1.07	a
44 Propionitrile	54	4.475	4.483	-0.008	92	3346	10.0	10.3	
46 Tetrahydrofuran	72	4.565	4.557	0.008	68	1124	2.00	1.98	M
45 Chlorobromomethane	128	4.557	4.557	0.000	90	1245	1.00	1.12	
47 Methacrylonitrile	67	4.582	4.581	0.001	96	8524	10.0	9.39	
48 Chloroform	83	4.614	4.606	0.008	93	3844	1.00	1.07	
49 Cyclohexane	84	4.746	4.746	0.000	89	3176	1.00	0.9307	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	97	87590	50.0	49.1	
50 1,1,1-Trichloroethane	97	4.754	4.762	-0.008	52	3636	1.00	1.07	
52 Carbon tetrachloride	117	4.877	4.877	0.000	92	3163	1.00	1.10	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	92	2842	1.00	1.05	
54 Isobutyl alcohol	43	5.017	5.009	0.008	80	3296	25.0	33.9	
55 Benzene	78	5.099	5.099	0.000	74	8311	1.00	1.02	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	109121	50.0	46.3	
57 Isopropyl acetate	43	5.157	5.157	0.000	65	6335	1.00	0.9402	M
58 Tert-amyl methyl ether	73	5.173	5.165	0.008	84	6379	1.00	1.01	
59 1,2-Dichloroethane	62	5.181	5.190	-0.009	37	3386	1.00	1.15	
60 n-Heptane	57	5.255	5.247	0.008	47	2513	1.00	0.9687	a
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	341670	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	69	1839	25.0	30.7	M
63 Trichloroethene	95	5.732	5.732	0.000	92	2478	1.00	1.26	
65 Ethyl acrylate	55	5.855	5.855	0.000	94	5928	1.00	1.04	
64 Methylcyclohexane	83	5.863	5.863	0.000	73	4094	1.00	1.06	
66 1,2-Dichloropropane	63	6.019	6.019	0.000	79	2185	1.00	1.10	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	19718	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	87	1358	2.00	2.33	
69 1,4-Dioxane	88	6.135	6.126	0.008	55	1413	50.0	56.7	
70 n-Propyl acetate	43	6.151	6.151	0.000	98	4104	1.00	1.27	
71 Dibromomethane	93	6.159	6.151	0.008	52	1355	1.00	1.11	
72 Dichlorobromomethane	83	6.299	6.299	0.000	97	2937	1.00	1.14	M
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	60	1494	1.00	1.19	
73 2-Nitropropane	41	6.636	6.636	0.000	87	2125	2.00	3.24	M
75 Epichlorohydrin	57	6.743	6.742	0.001	96	4353	20.0	18.0	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	93	3185	1.00	0.9876	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	96	10830	5.00	5.01	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	99	338282	50.0	49.2	
79 Toluene	91	7.129	7.120	0.009	94	9202	1.00	1.08	
80 trans-1,3-Dichloropropene	75	7.474	7.466	0.008	93	3232	1.00	1.07	
81 Ethyl methacrylate	69	7.507	7.498	0.009	89	3234	1.00	1.13	M
82 1,1,2-Trichloroethane	83	7.679	7.687	-0.008	83	1239	1.00	0.9060	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.729	7.729	0.000	91	2161	1.00	1.04	
84 1,3-Dichloropropane	76	7.901	7.893	0.008	87	3077	1.00	1.04	
85 2-Hexanone	43	7.967	7.959	0.008	96	9087	5.00	6.30	
86 n-Butyl acetate	43	8.082	8.074	0.008	97	4084	1.00	1.13	
87 Chlorodibromomethane	129	8.123	8.123	0.000	96	2350	1.00	1.20	
88 Ethylene Dibromide	107	8.287	8.287	0.000	92	2294	1.00	1.27	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	260785	50.0	50.0	
90 Chlorobenzene	112	8.871	8.862	0.009	92	6147	1.00	1.13	
91 Ethylbenzene	106	8.978	8.969	0.009	98	2908	1.00	0.9817	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	41	2417	1.00	1.11	
93 m-Xylene & p-Xylene	106	9.125	9.125	0.000	0	3462	1.00	0.9447	
94 n-Butyl acrylate	73	9.561	9.553	0.008	96	1929	1.00	1.07	
95 o-Xylene	106	9.569	9.569	0.000	92	4050	1.00	1.06	
96 Styrene	104	9.602	9.602	0.000	96	6277	1.00	1.00	
97 Amyl acetate (mixed isomer)	43	9.783	9.783	0.000	86	5684	1.00	1.17	
98 Bromoform	173	9.791	9.799	-0.008	51	1466	1.00	1.02	
99 Isopropylbenzene	105	9.914	9.914	0.000	96	9479	1.00	0.9419	
\$ 100 4-Bromofluorobenzene	174	10.087	10.095	-0.008	89	118558	50.0	50.9	
101 Bromobenzene	156	10.210	10.210	0.000	89	2548	1.00	1.06	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	95	2984	1.00	1.19	
103 N-Propylbenzene	91	10.268	10.268	0.000	98	12317	1.00	1.02	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	76	1133	1.00	1.38	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	3	825	1.00	0.99	Ma
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	8379	1.00	1.01	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	9243	1.00	0.9214	
108 1,3,5-Trimethylbenzene	105	10.416	10.424	-0.008	92	7918	1.00	0.9130	
109 4-Chlorotoluene	91	10.448	10.448	0.000	97	7610	1.00	1.02	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	3109	1.00	0.9450	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	6258	1.00	0.8958	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	97	8684	1.00	0.9514	
113 sec-Butylbenzene	105	10.810	10.810	0.000	98	10592	1.00	0.9438	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	9402	1.00	0.9499	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	74	5581	1.00	1.12	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	157973	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	92	5351	1.00	1.05	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	93	8540	1.00	0.8957	
118 Benzyl chloride	91	11.081	11.081	0.000	99	6402	1.00	1.04	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	8945	1.00	0.9643	
120 p-Diethylbenzene	119	11.163	11.163	0.000	91	5314	1.00	0.9430	
121 n-Butylbenzene	92	11.180	11.180	0.000	97	4980	1.00	0.9329	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	94	4821	1.00	0.9429	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	94	10436	1.00	1.03	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	59	793	1.00	1.22	
125 1,3,5-Trichlorobenzene	180	11.796	11.804	-0.008	95	4304	1.00	0.99	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	93	3831	1.00	0.9663	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	91	1885	1.00	1.05	
128 Naphthalene	128	12.371	12.371	0.000	99	9084	1.00	1.02	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	93	3771	1.00	1.07	
S 130 1,2-Dichloroethene, Total	100				0		2.00	2.12	
S 131 Xylenes, Total	100				0		2.00	2.00	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00343	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00108	Amount Added: 10.00	Units: uL	
ACROLEIN W_00099	Amount Added: 4.00	Units: uL	
14DIOXINTER_00107	Amount Added: 30.00	Units: uL	
524freon_00015	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00030	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

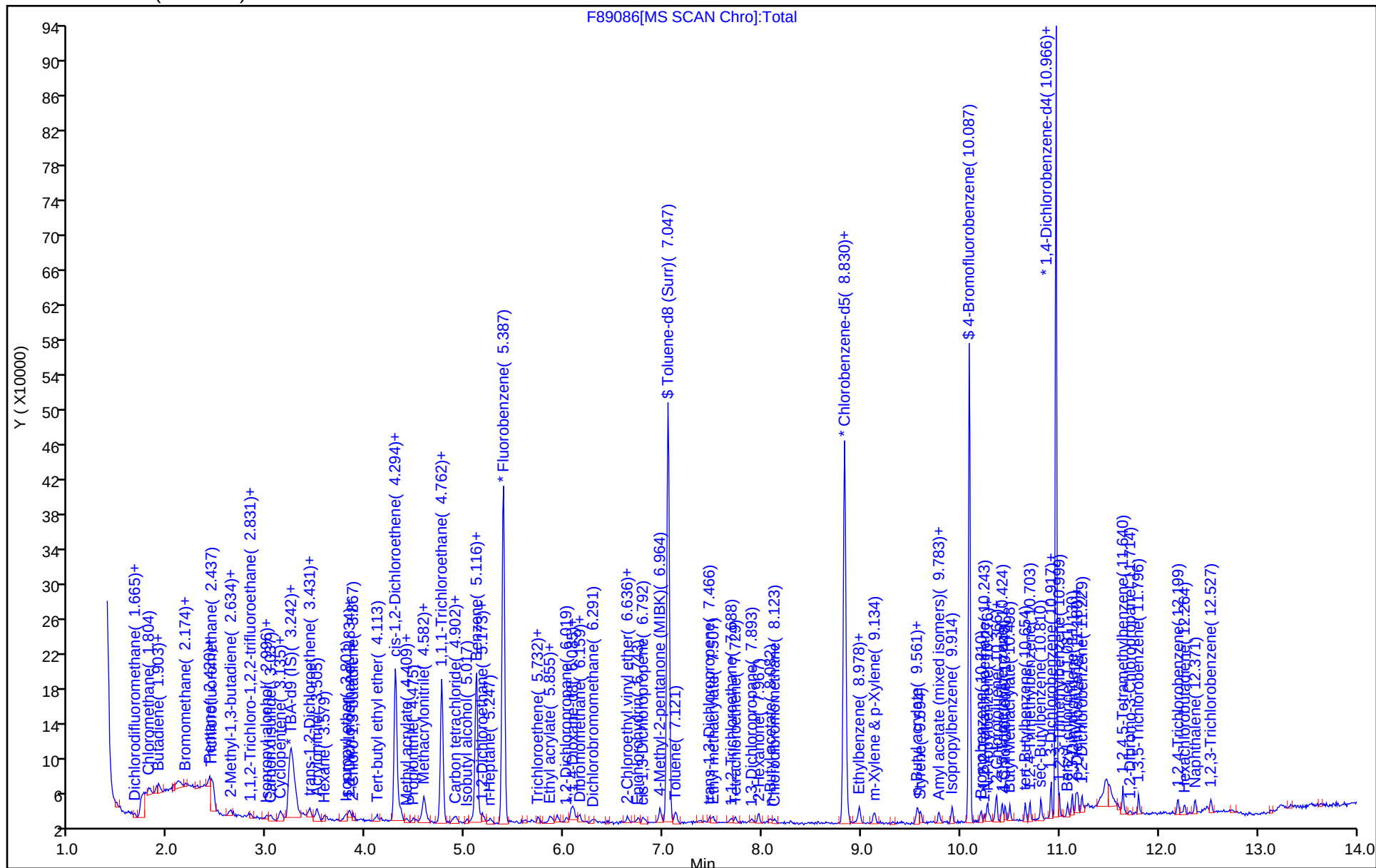
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

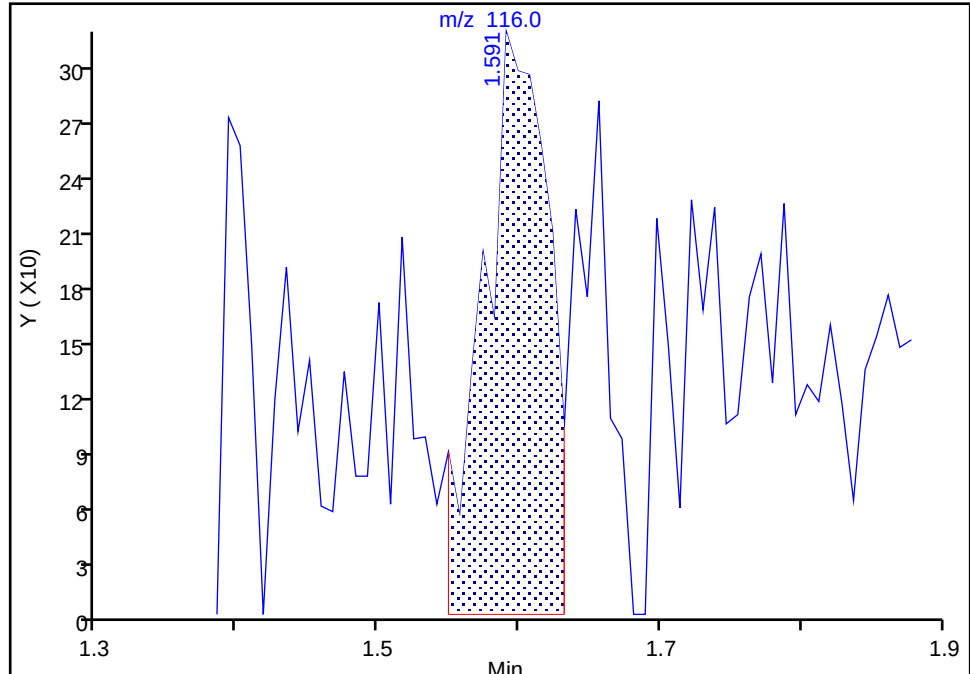
MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

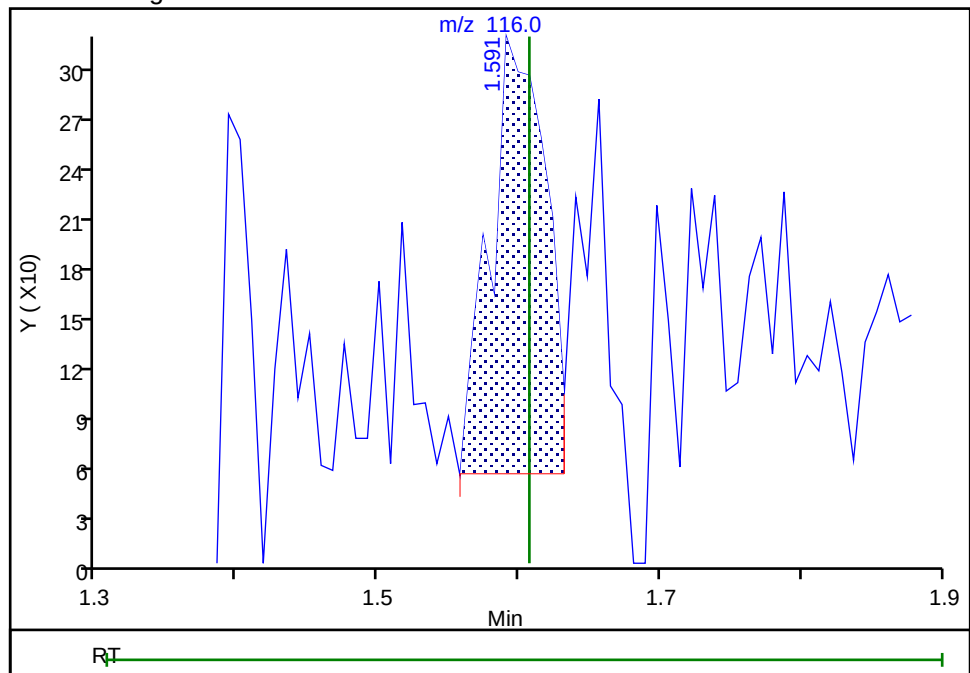
RT: 1.59
Area: 1020
Amount: 1.147145
Amount Units: ug/l

Processing Integration Results



RT: 1.59
Area: 715
Amount: 0.804054
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:33:25

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

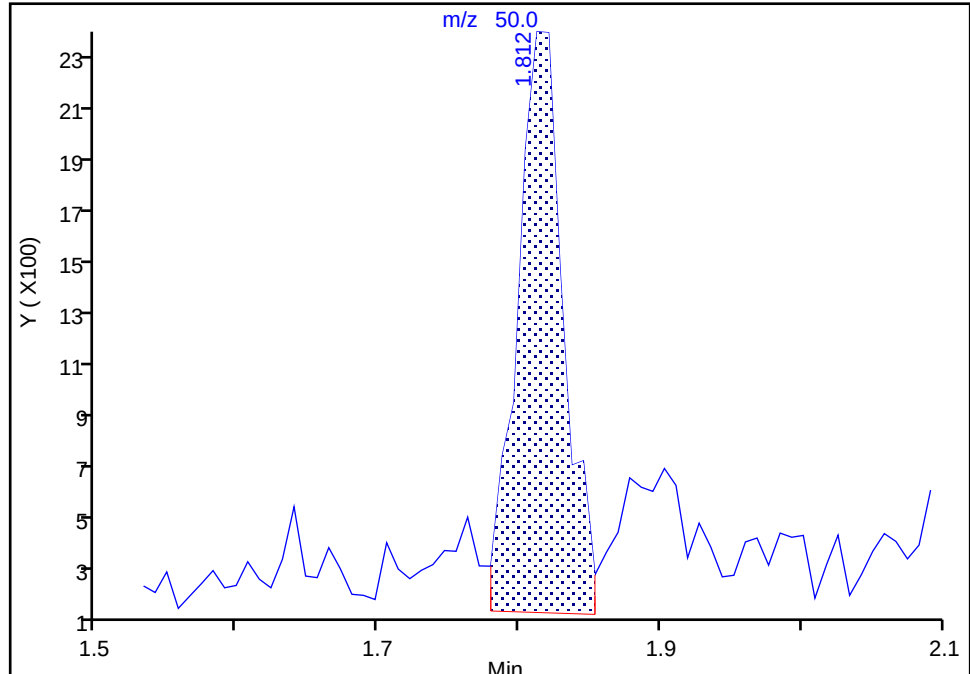
MS SCAN

3 Chloromethane, CAS: 74-87-3

Signal: 1

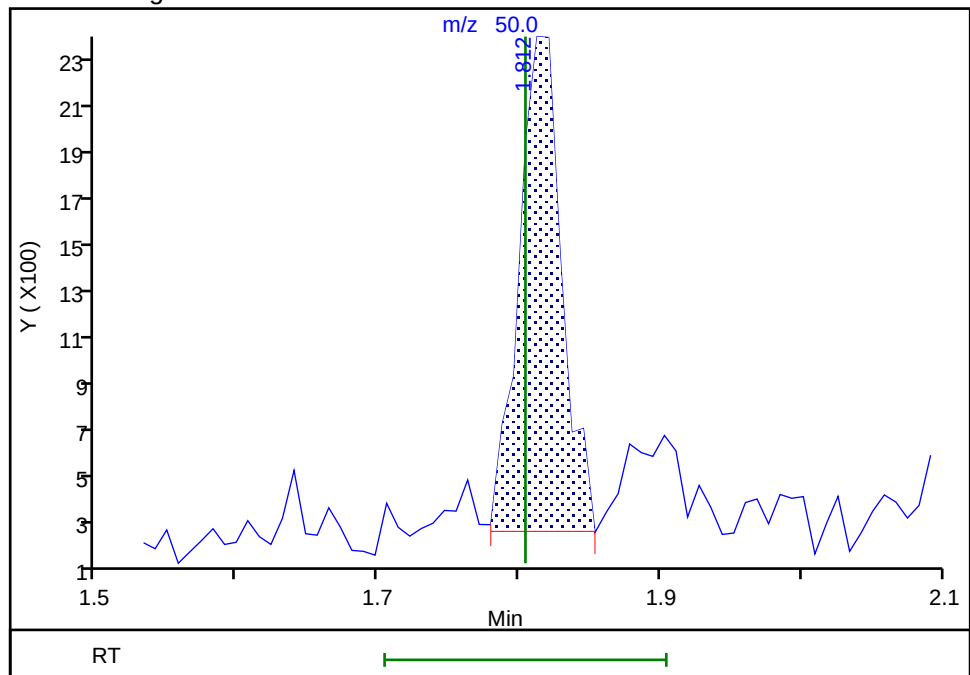
RT: 1.81
Area: 5139
Amount: 1.284934
Amount Units: ug/l

Processing Integration Results



RT: 1.81
Area: 4397
Amount: 1.134487
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:34:04

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

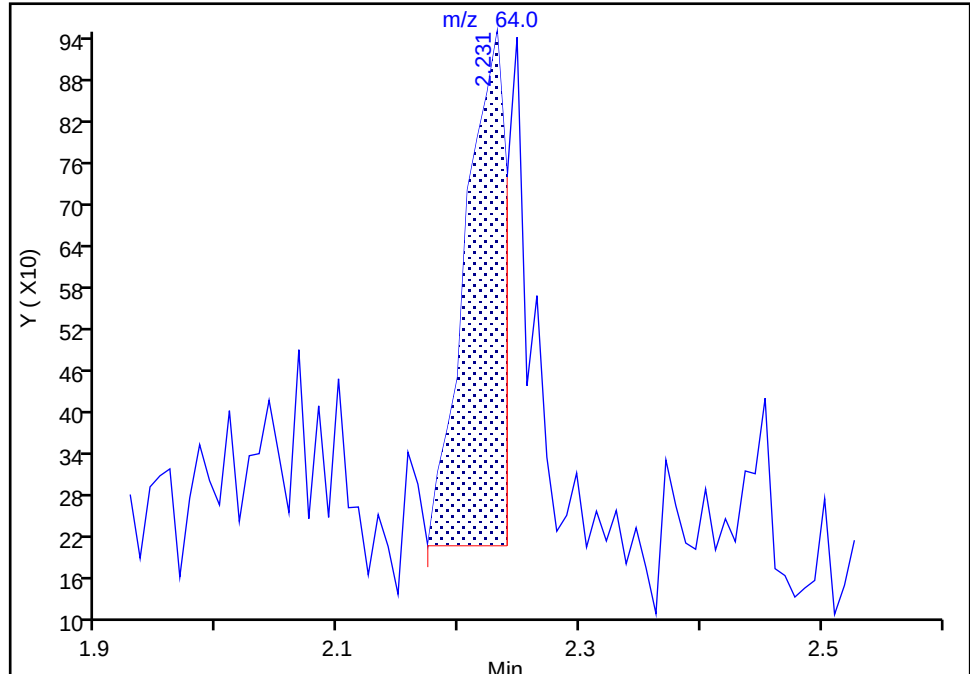
Detector: MS SCAN

7 Chloroethane, CAS: 75-00-3

Signal: 1

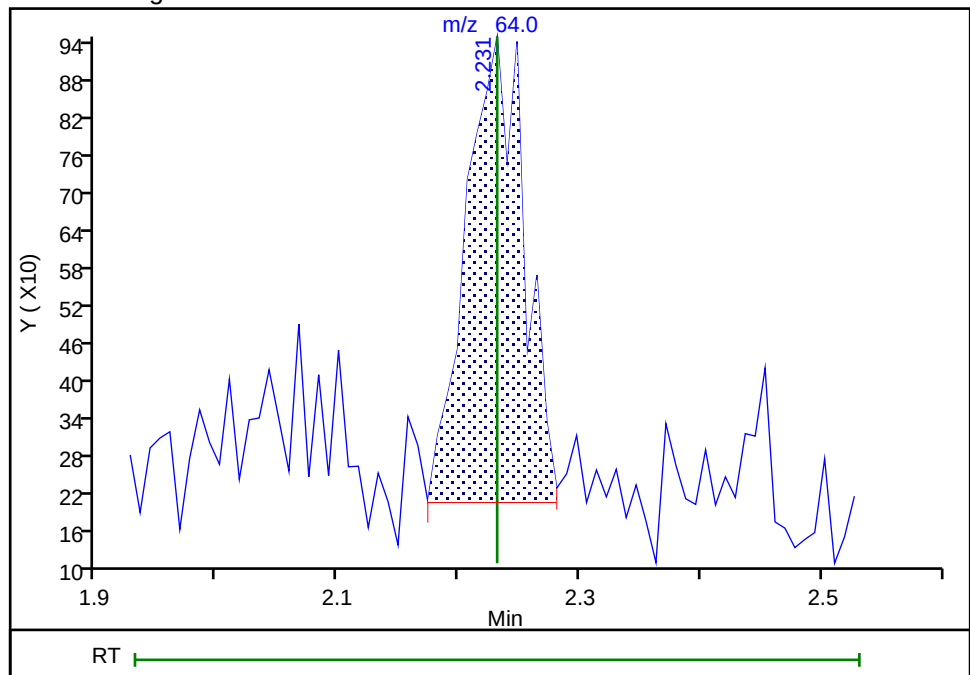
RT: 2.23
Area: 1751
Amount: 0.851238
Amount Units: ug/l

Processing Integration Results



RT: 2.23
Area: 2492
Amount: 1.088870
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:55:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

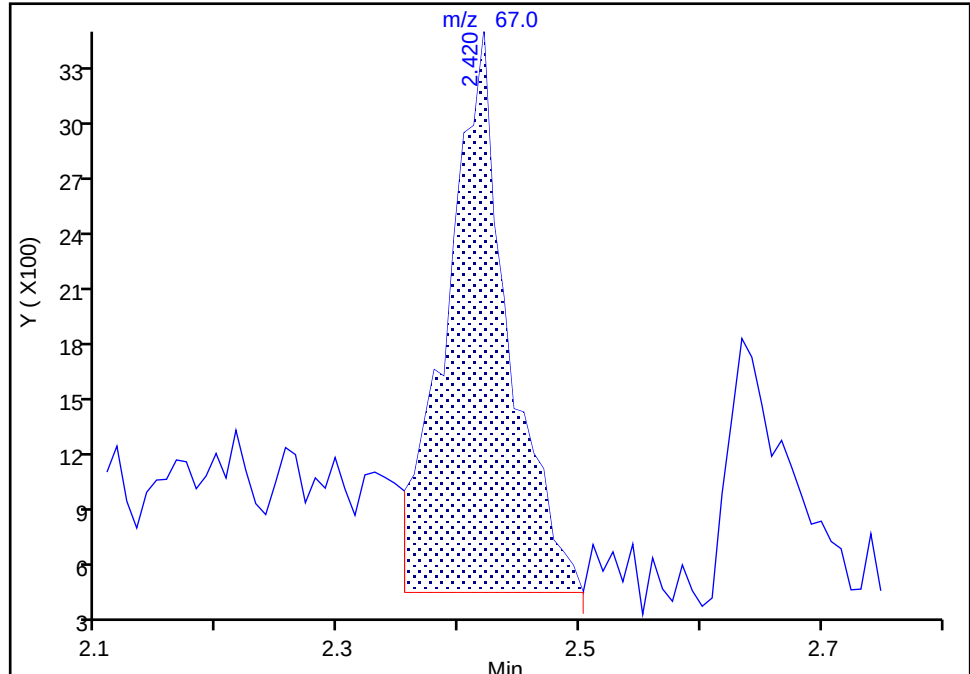
MS SCAN

8 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

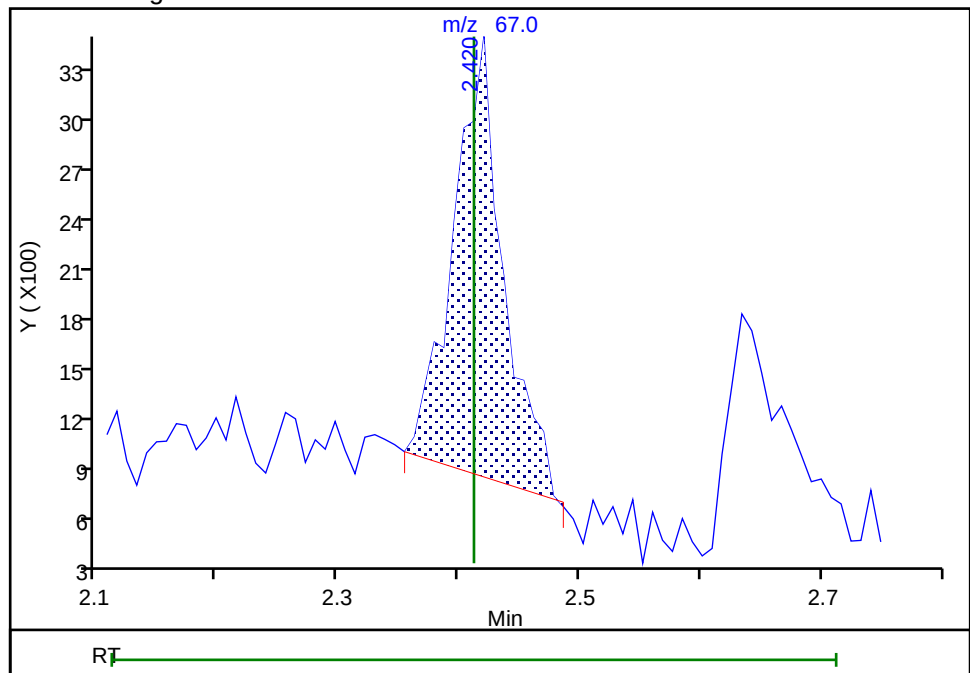
RT: 2.42
Area: 10918
Amount: 2.152451
Amount Units: ug/l

Processing Integration Results



RT: 2.42
Area: 7505
Amount: 1.237087
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:57:02

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

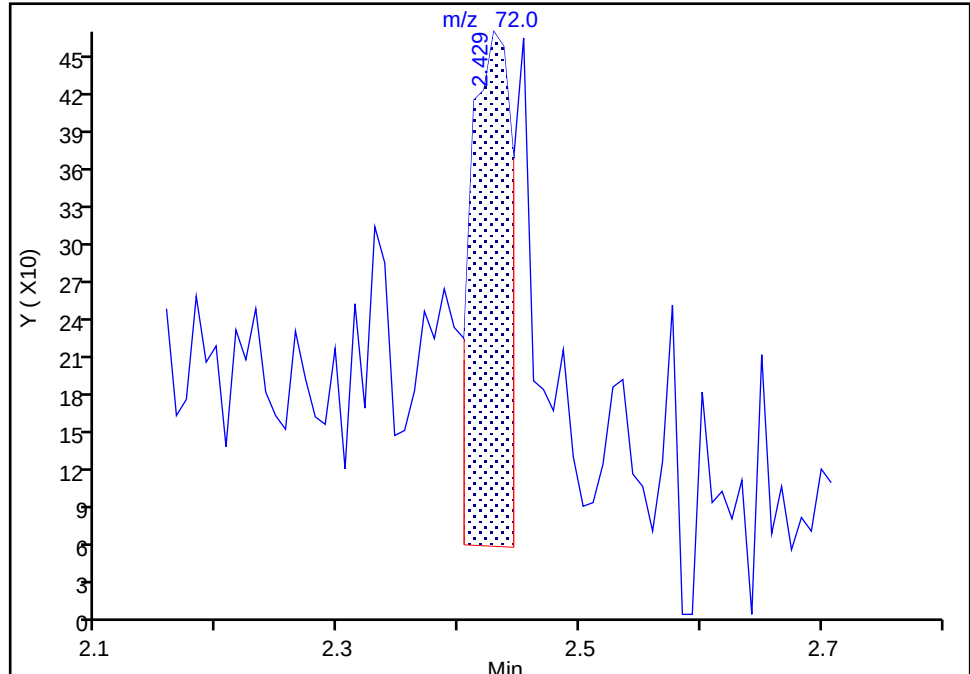
Detector: MS SCAN

10 Pentane, CAS: 109-66-0

Signal: 1

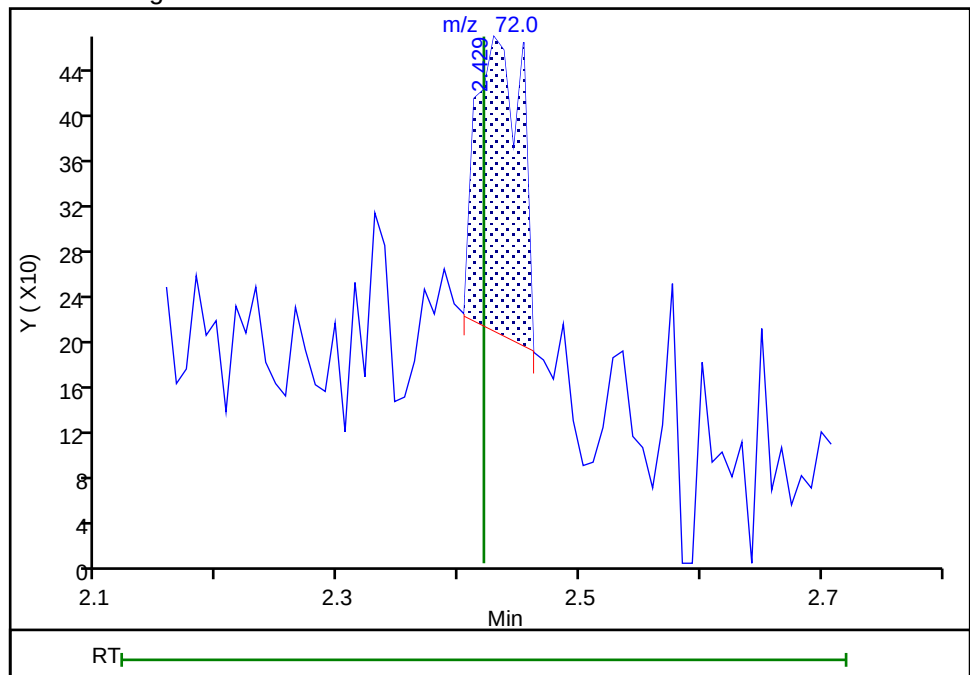
RT: 2.43
Area: 996
Amount: 1.921243
Amount Units: ug/l

Processing Integration Results



RT: 2.43
Area: 674
Amount: 1.327438
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Nov-2019 01:02:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

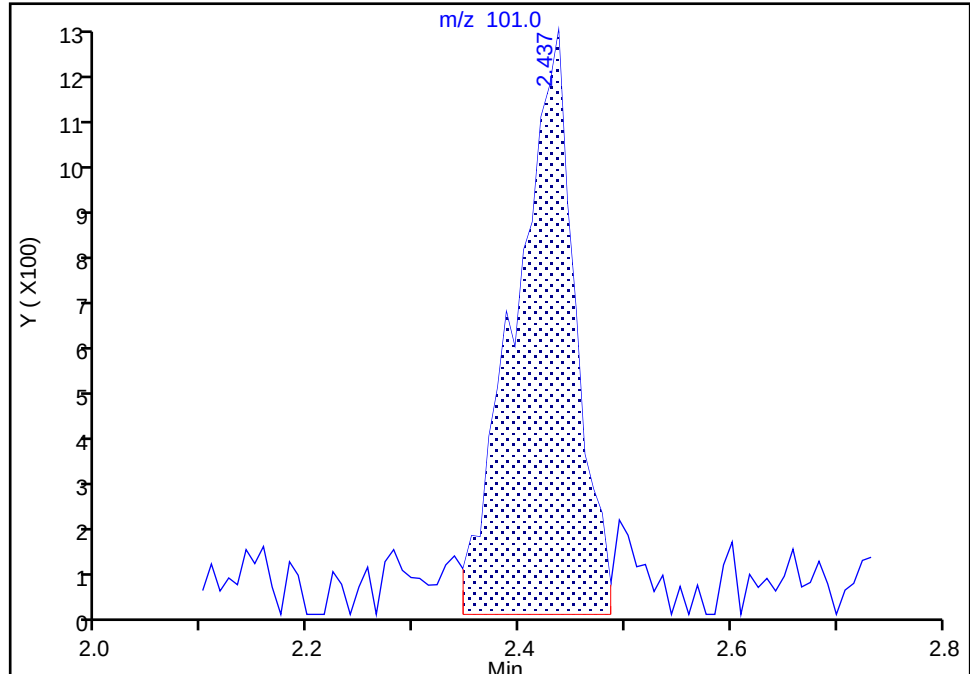
MS SCAN

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

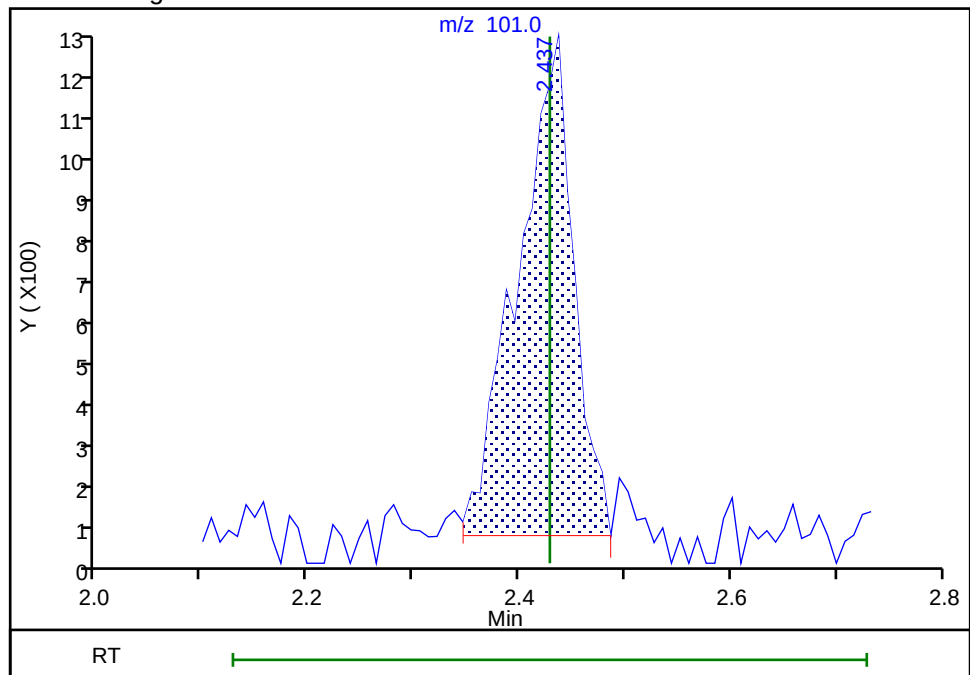
RT: 2.44
Area: 5125
Amount: 1.149420
Amount Units: ug/l

Processing Integration Results



RT: 2.44
Area: 4522
Amount: 1.037568
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:34:55

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

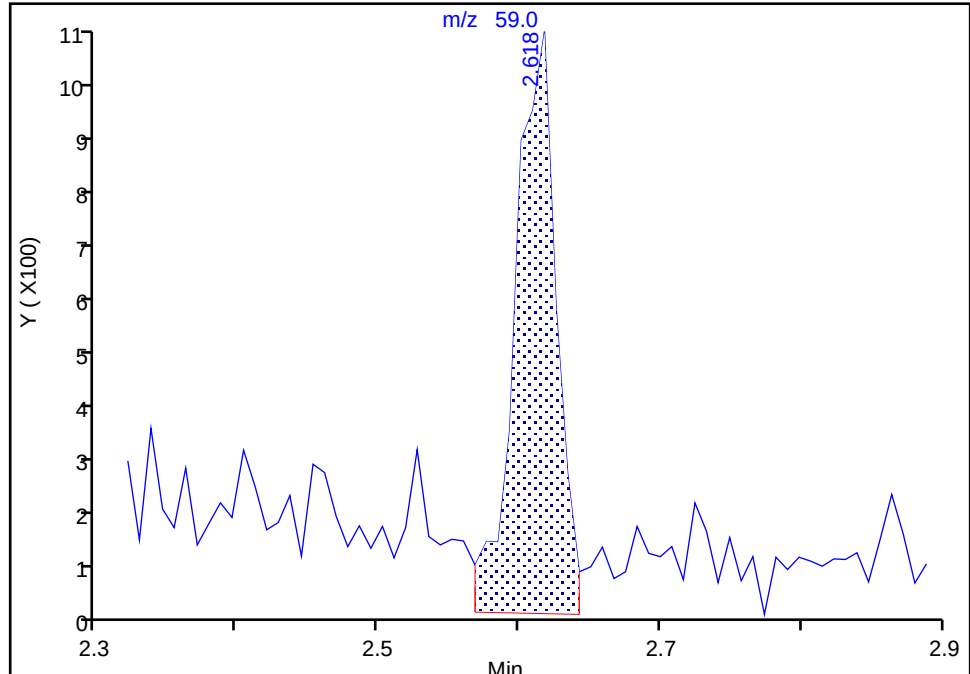
MS SCAN

12 Ethyl ether, CAS: 60-29-7

Signal: 1

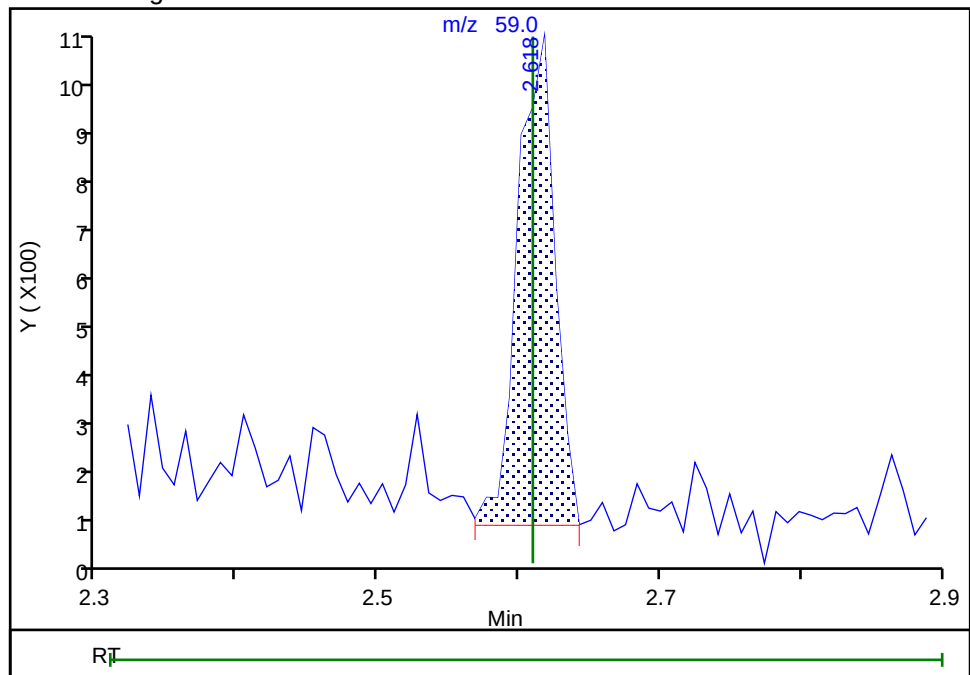
RT: 2.62
Area: 2131
Amount: 1.230639
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 1771
Amount: 1.059451
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:35:25

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

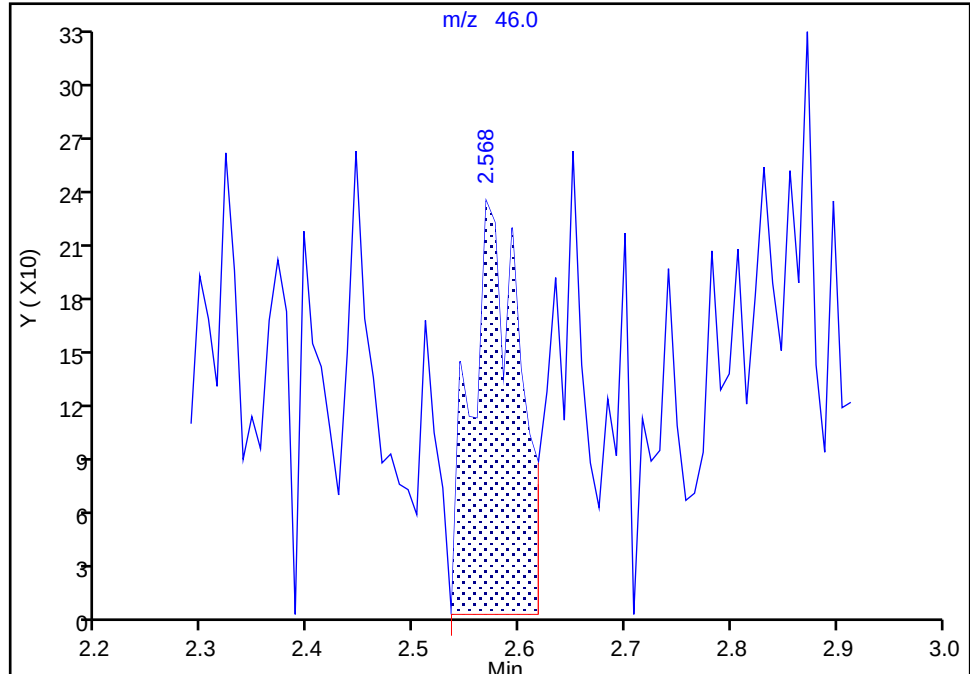
Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

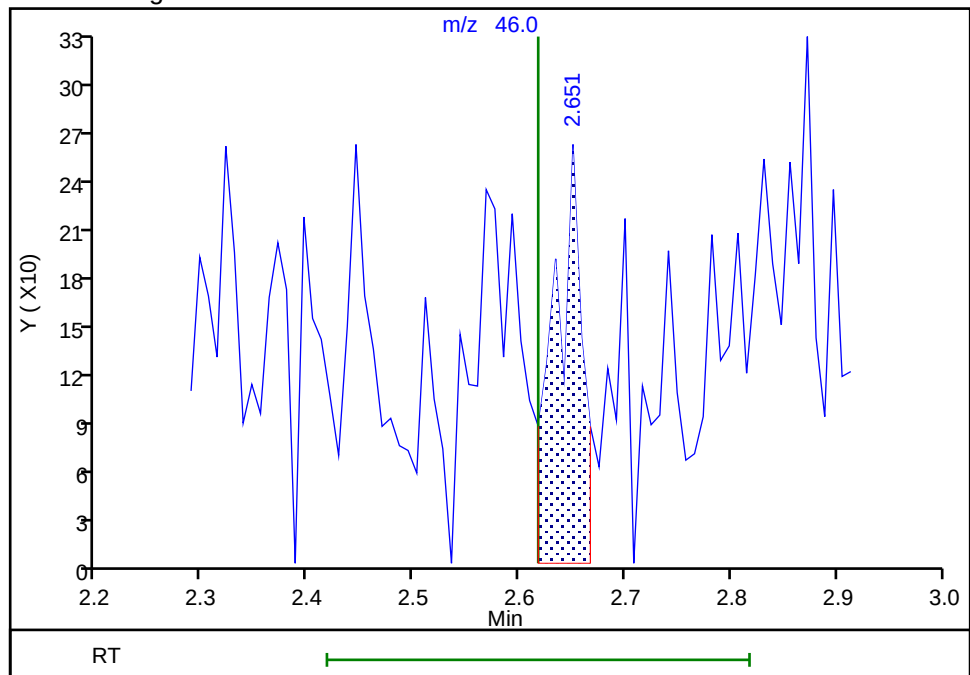
RT: 2.57
Area: 732
Amount: 57.892991
Amount Units: ug/l

Processing Integration Results



RT: 2.65
Area: 490
Amount: 43.913253
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Nov-2019 01:00:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

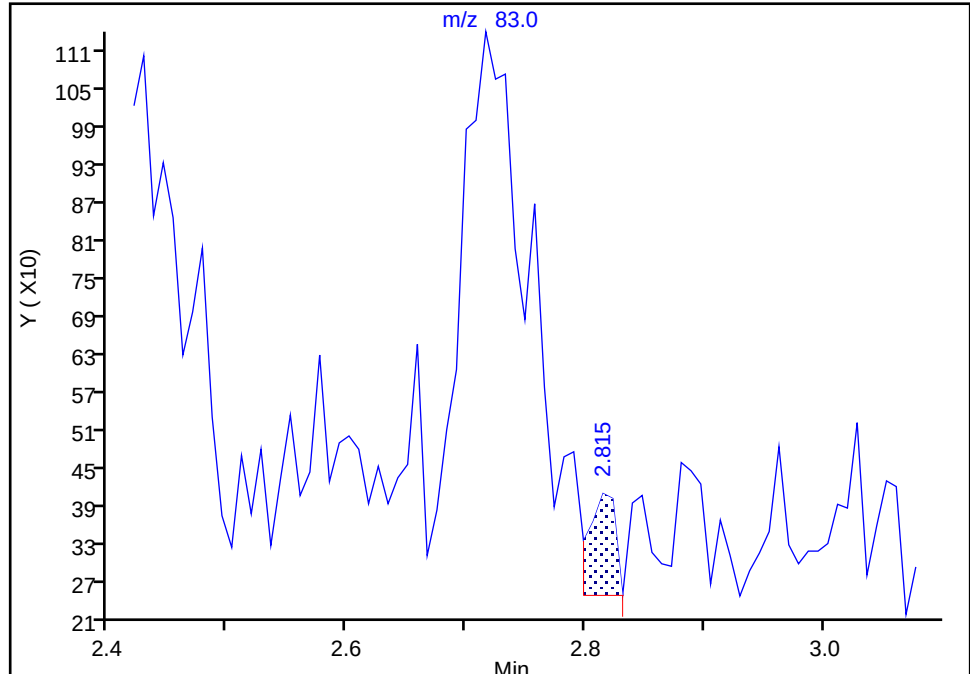
MS SCAN

164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

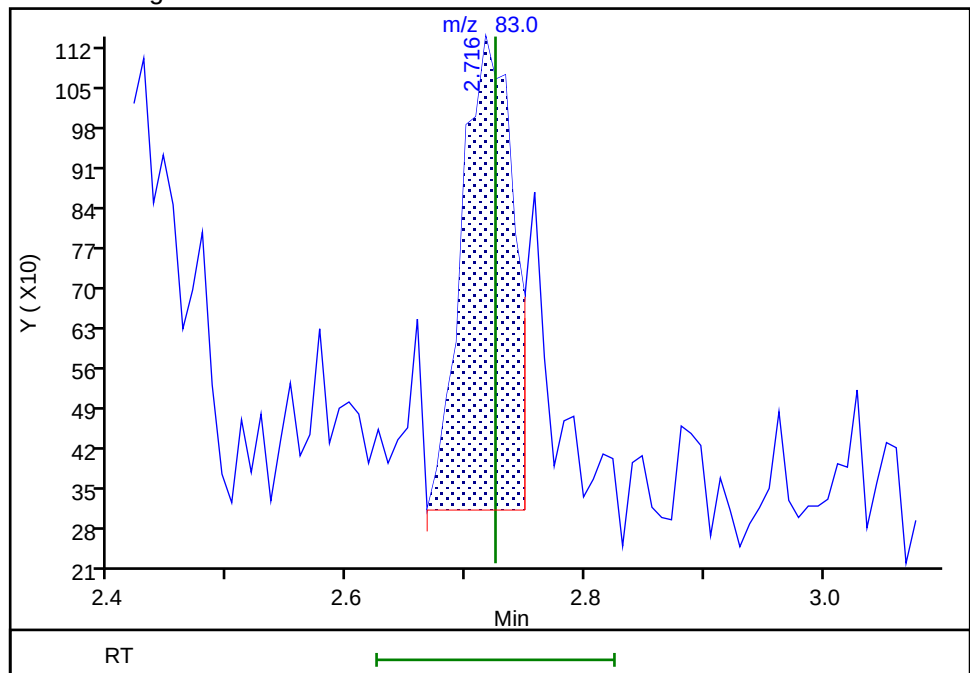
RT: 2.81
Area: 255
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 2528
Amount: 0.838889
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 29-Nov-2019 23:13:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

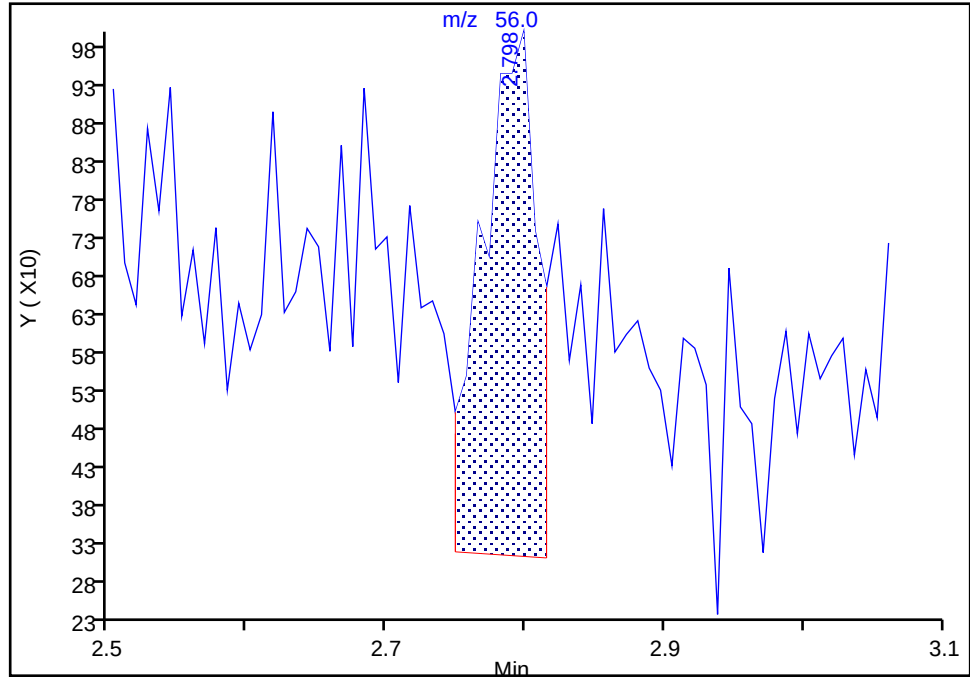
MS SCAN

15 Acrolein, CAS: 107-02-8

Signal: 1

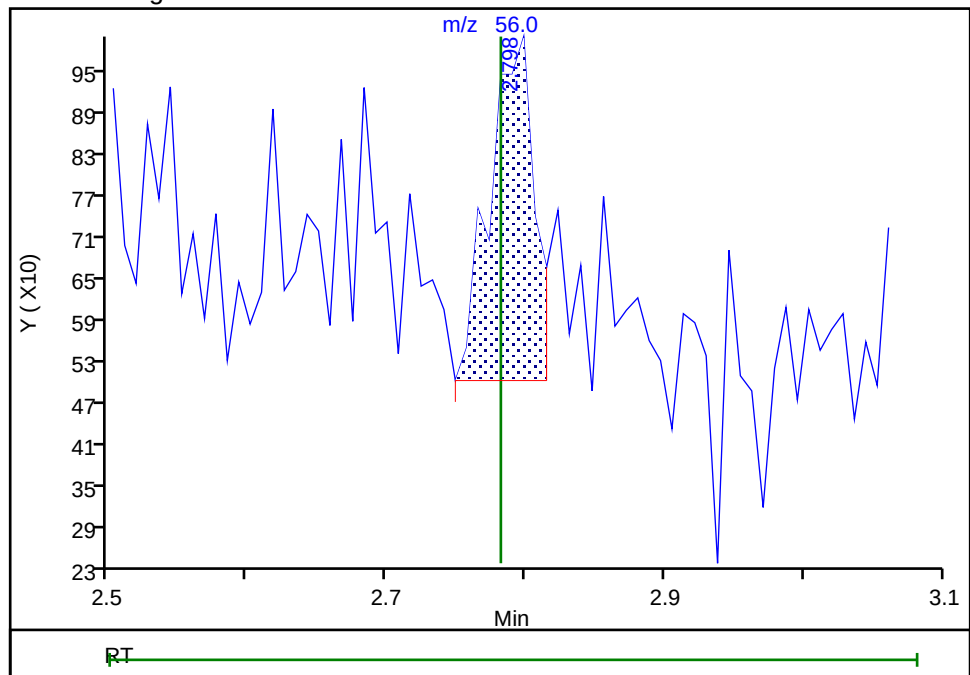
RT: 2.80
Area: 1957
Amount: 5.818261
Amount Units: ug/l

Processing Integration Results



RT: 2.80
Area: 1127
Amount: 3.498047
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:36:20

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

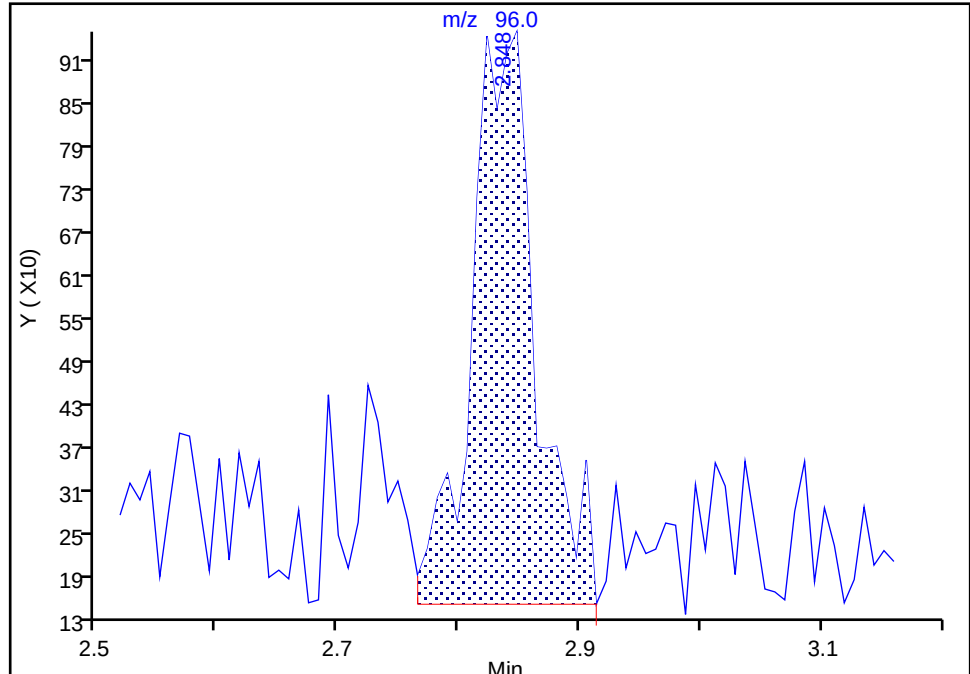
MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

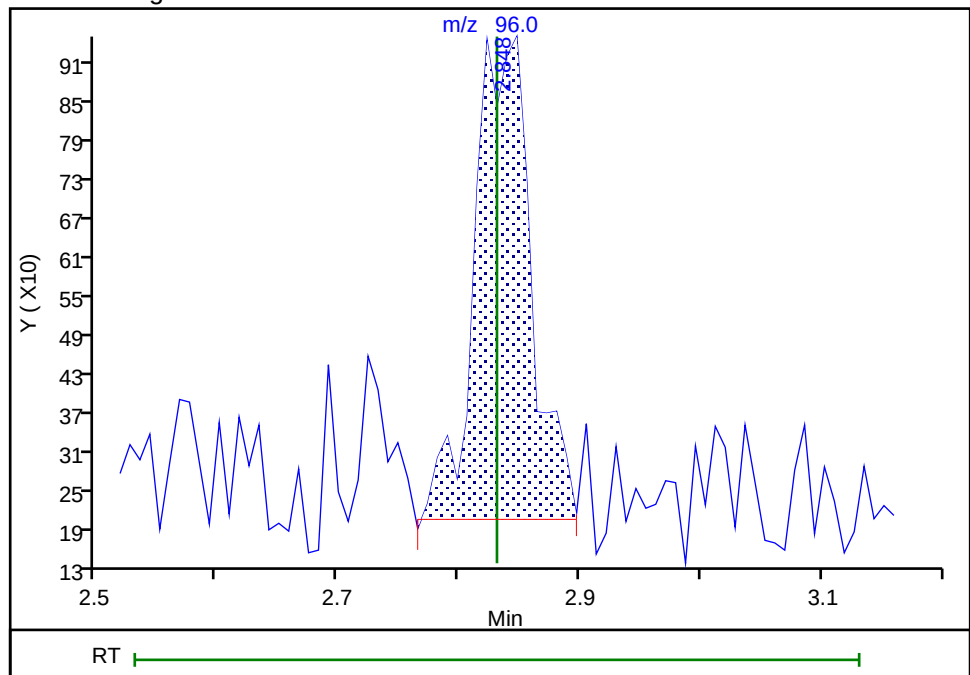
RT: 2.85
Area: 2942
Amount: 1.346957
Amount Units: ug/l

Processing Integration Results



RT: 2.85
Area: 2400
Amount: 1.146214
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:37:03

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

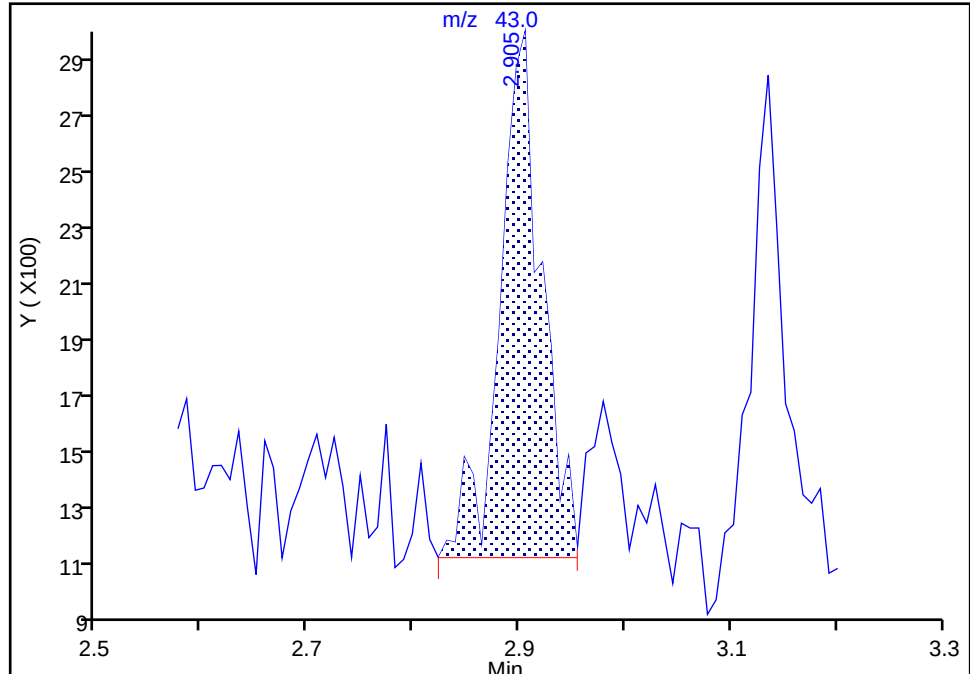
Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

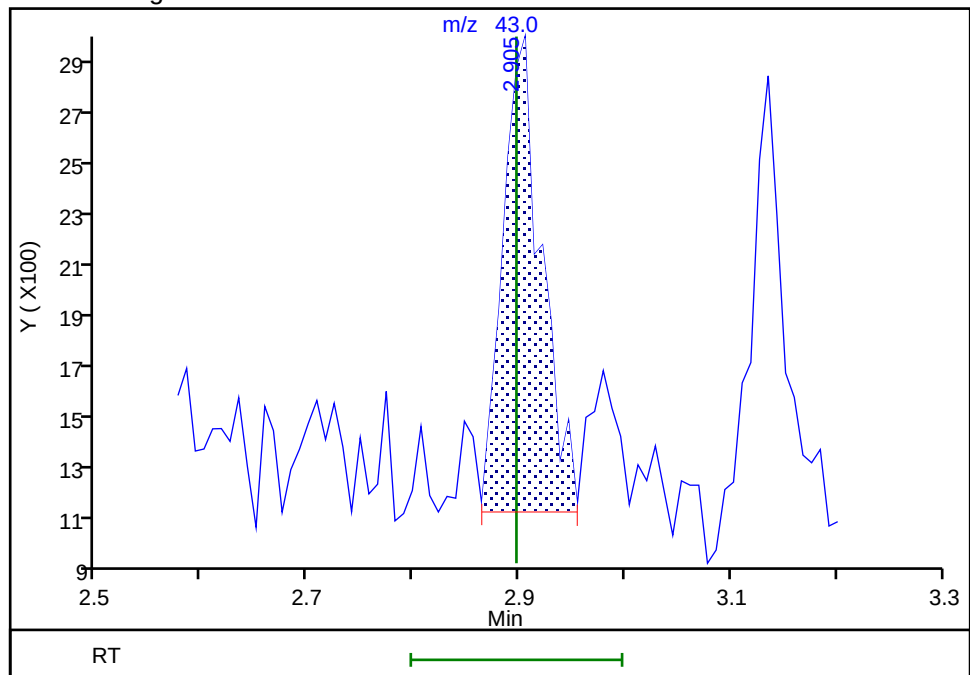
RT: 2.91
Area: 5118
Amount: 7.437024
Amount Units: ug/l

Processing Integration Results



RT: 2.91
Area: 4740
Amount: 6.395469
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:37:35

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

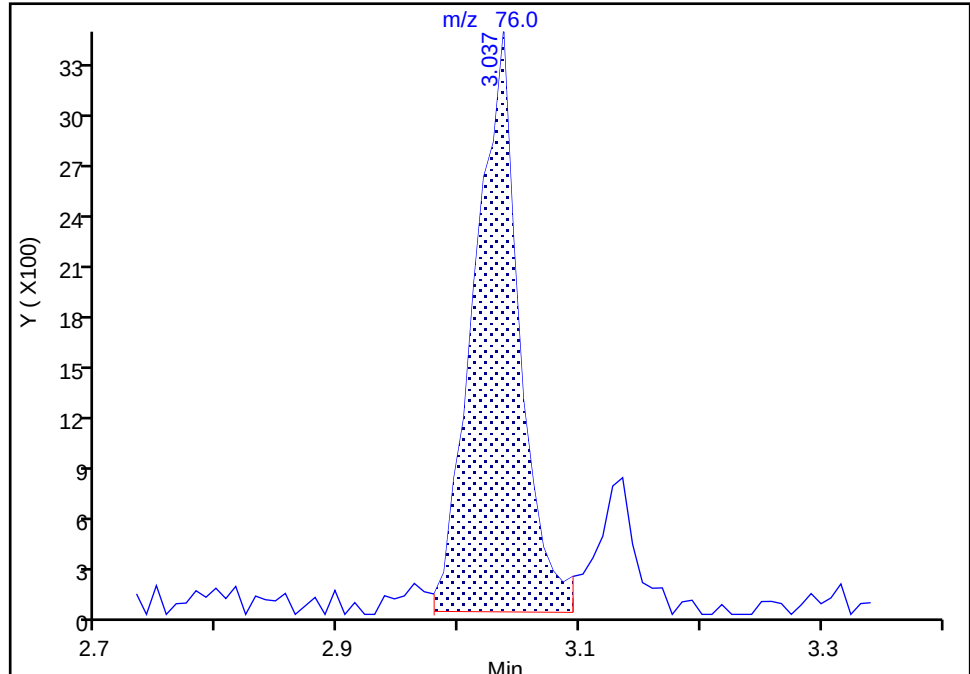
MS SCAN

21 Carbon disulfide, CAS: 75-15-0

Signal: 1

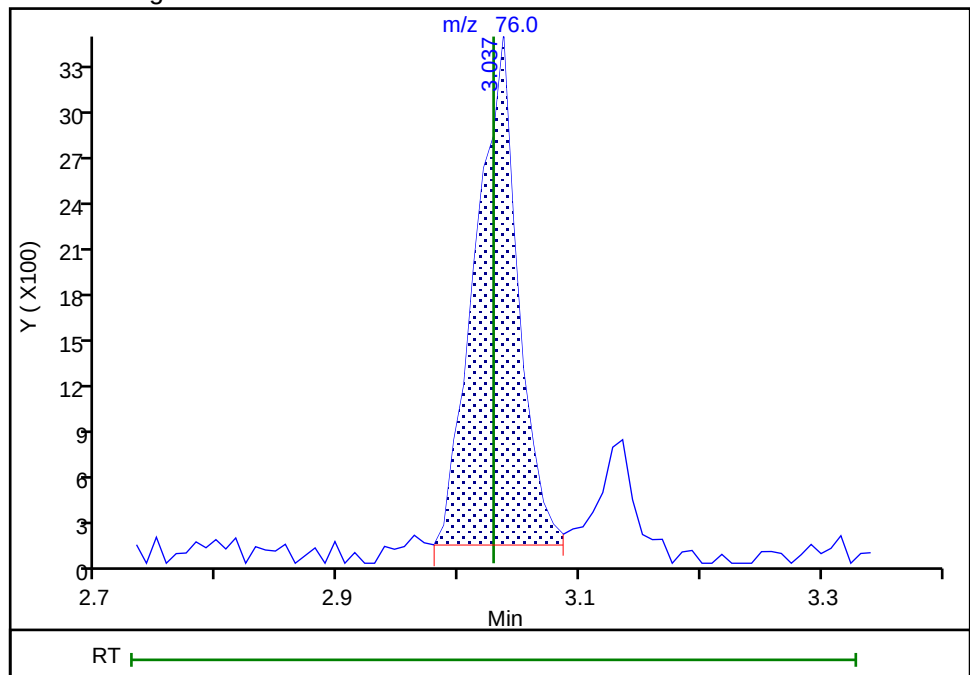
RT: 3.04
Area: 9131
Amount: 1.119559
Amount Units: ug/l

Processing Integration Results



RT: 3.04
Area: 8295
Amount: 1.034734
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:38:57

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

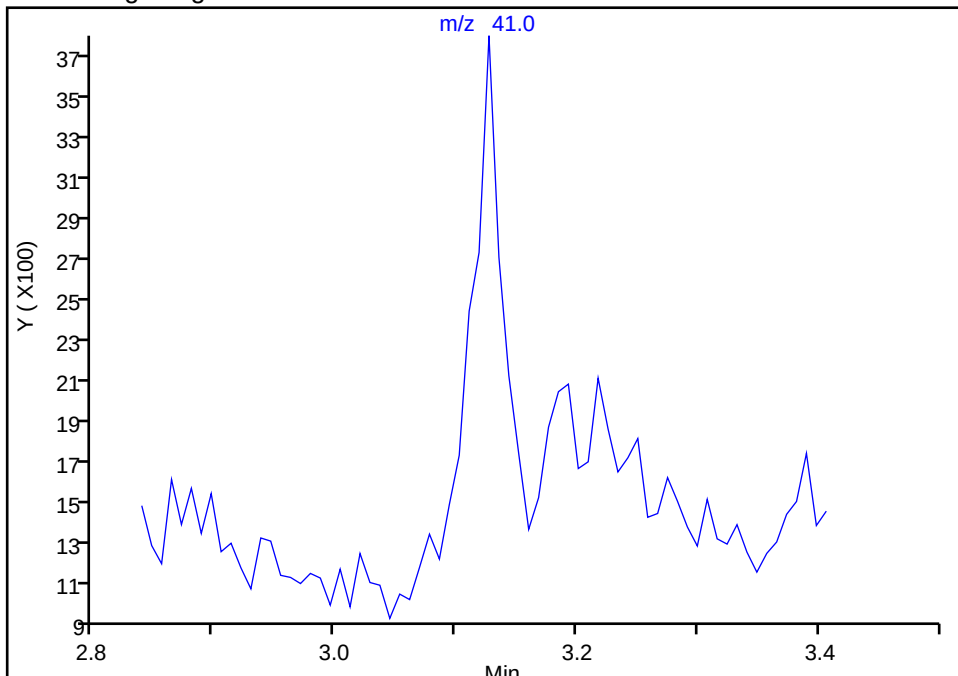
22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

Not Detected

Expected RT: 3.12

Processing Integration Results



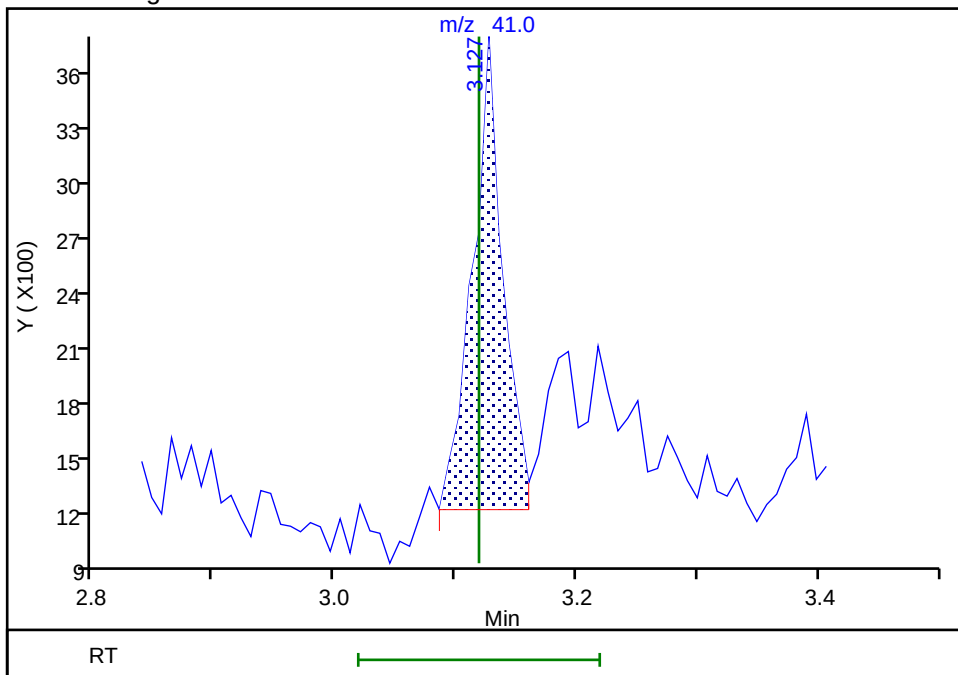
RT: 3.13

Area: 4336

Amount: 1.027421

Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 29-Nov-2019 23:14:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

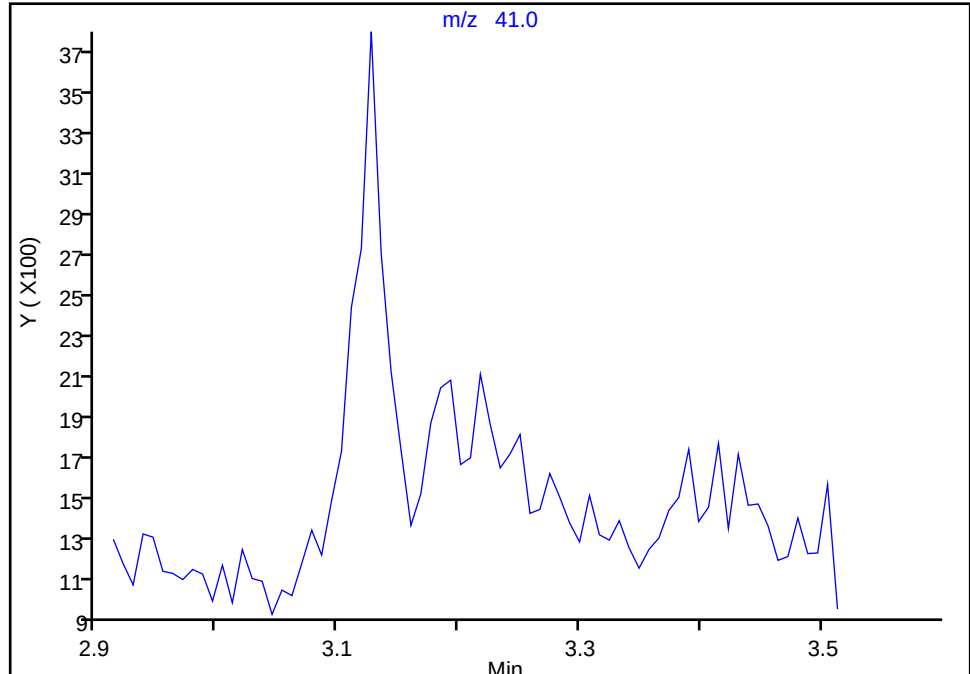
25 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.19

Processing Integration Results



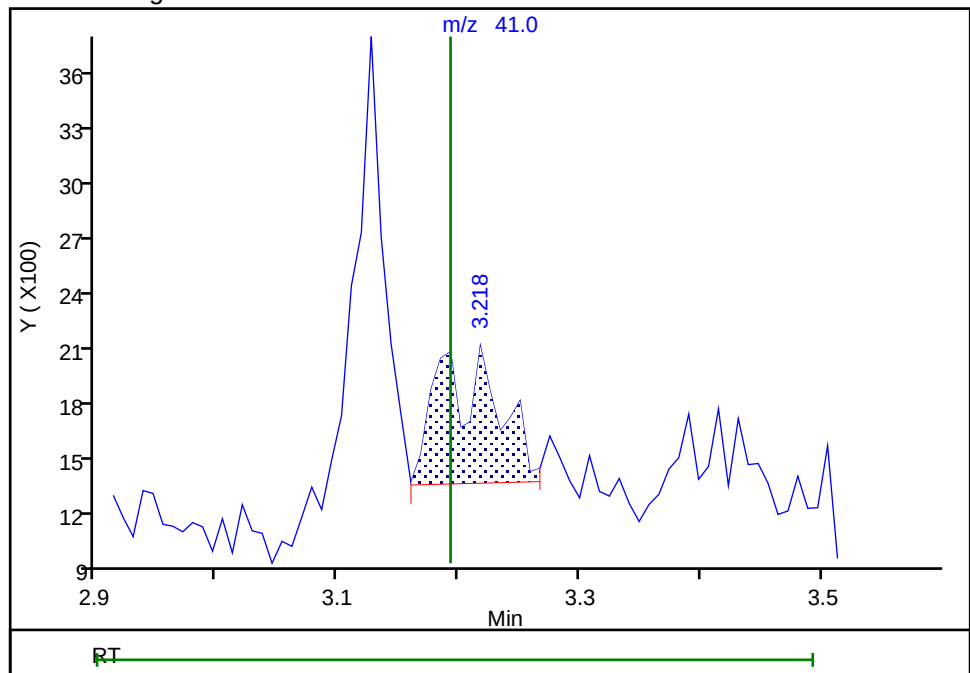
RT: 3.22

Area: 2460

Amount: 7.311589

Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Nov-2019 01:03:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

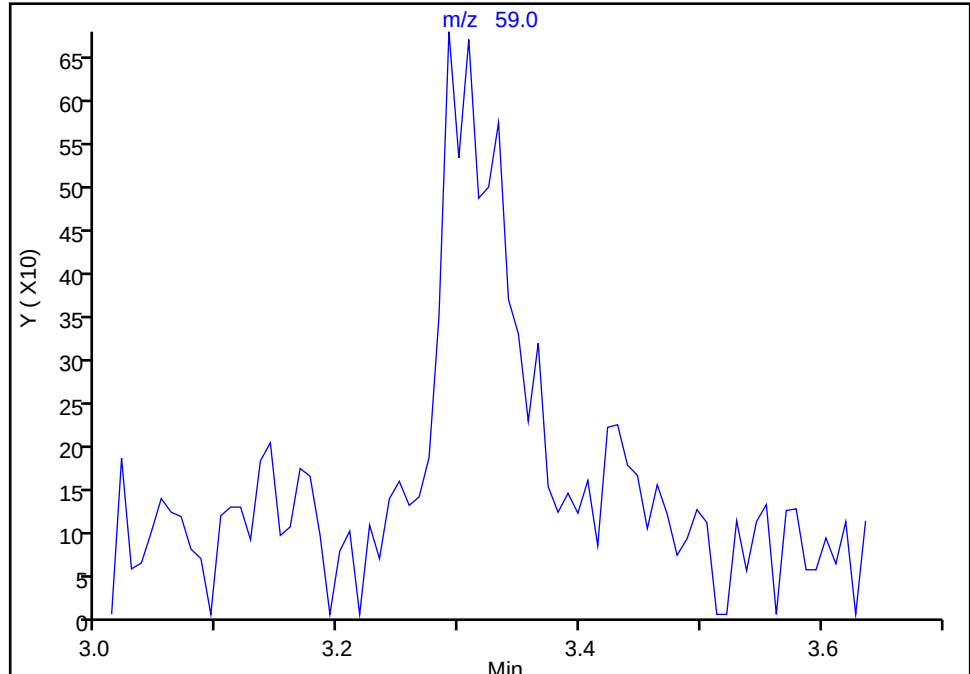
28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

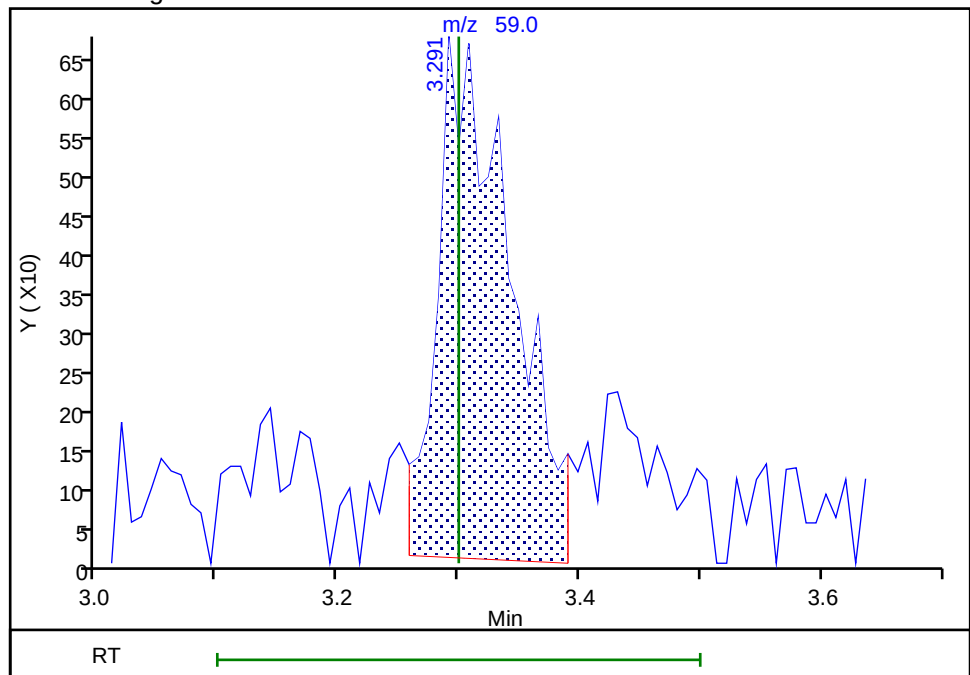
Not Detected

Expected RT: 3.30

Processing Integration Results



Manual Integration Results



RT: 3.29

Area: 2855

Amount: 12.778721

Amount Units: ug/l

Reviewer: boykink, 29-Nov-2019 23:14:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

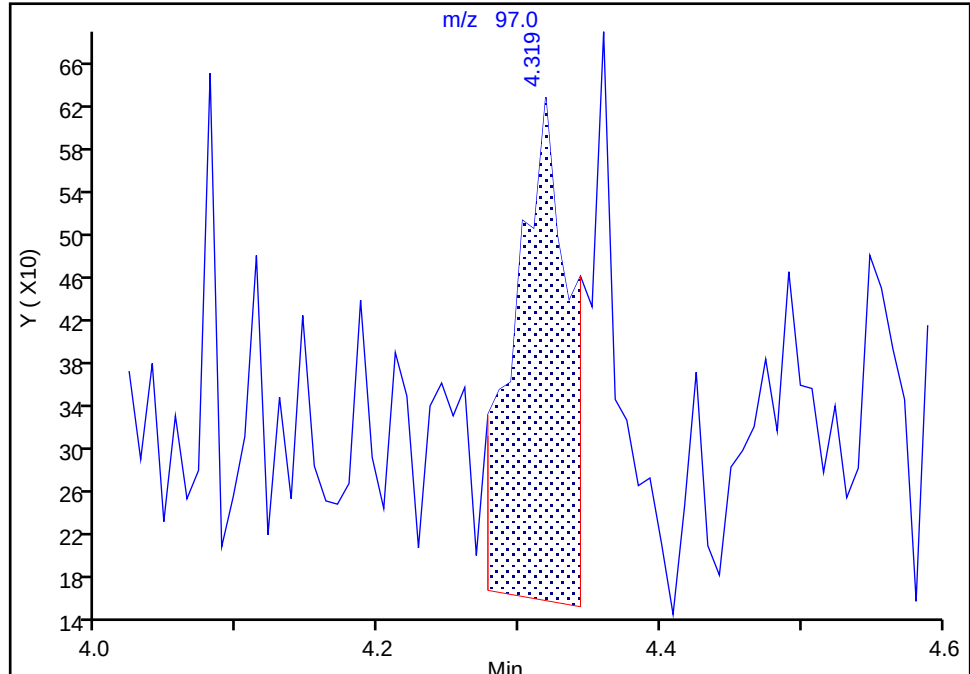
MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

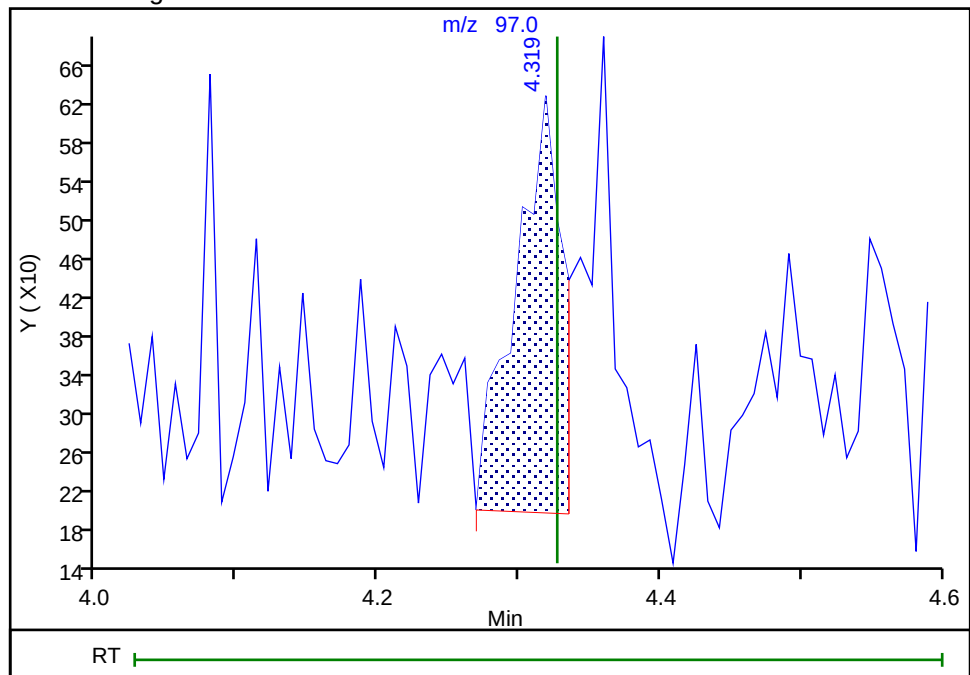
RT: 4.32
Area: 1284
Amount: 1.449136
Amount Units: ug/l

Processing Integration Results



RT: 4.32
Area: 991
Amount: 1.241019
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Nov-2019 01:07:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

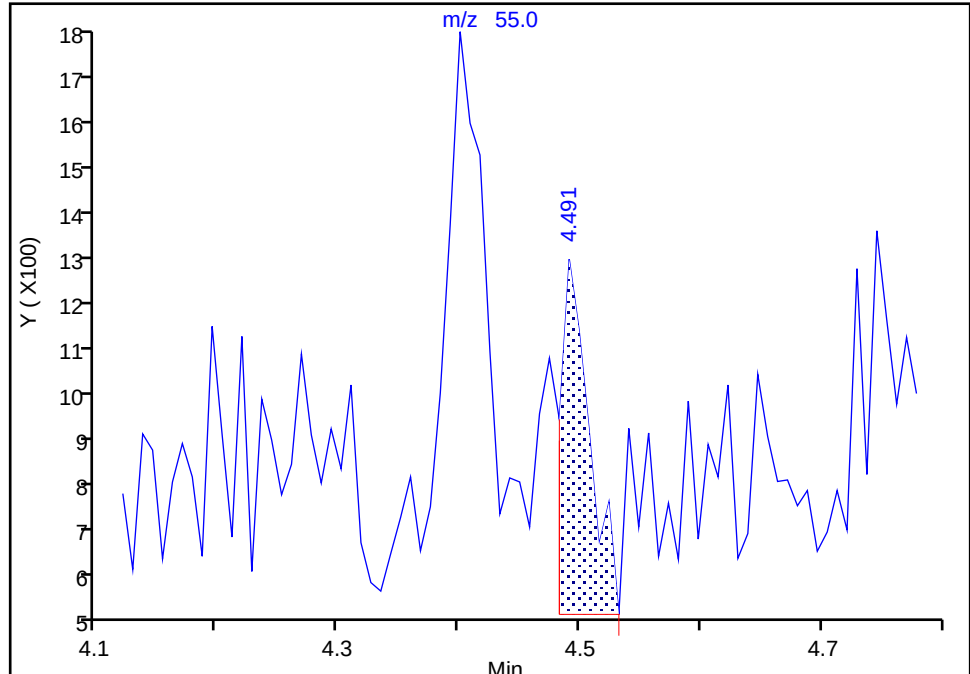
Detector: MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

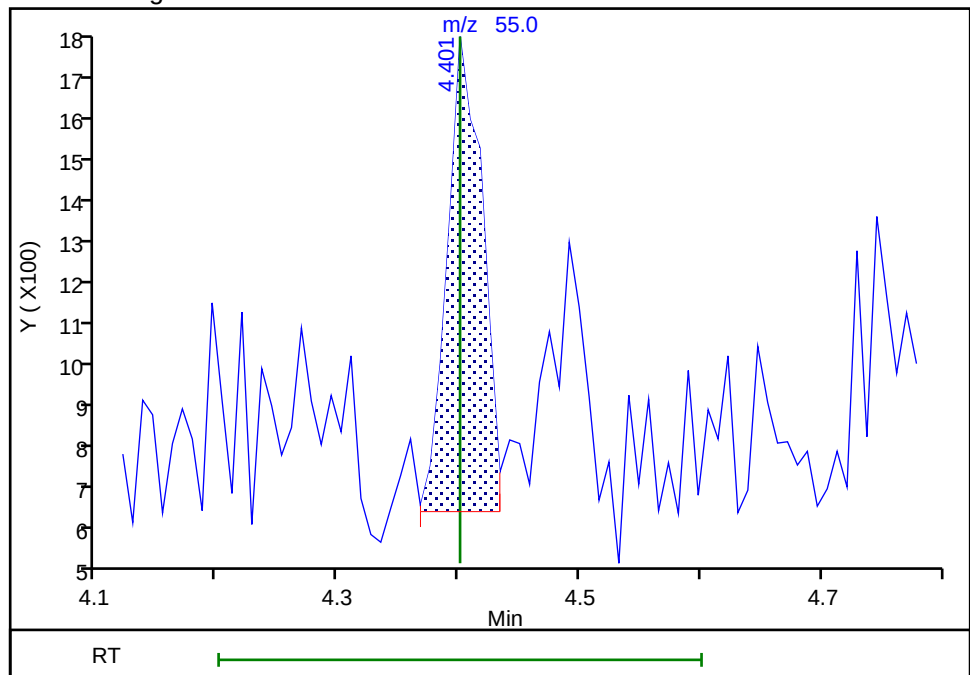
RT: 4.49
Area: 1171
Amount: 0.622936
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 2113
Amount: 1.068936
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Nov-2019 01:04:38

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

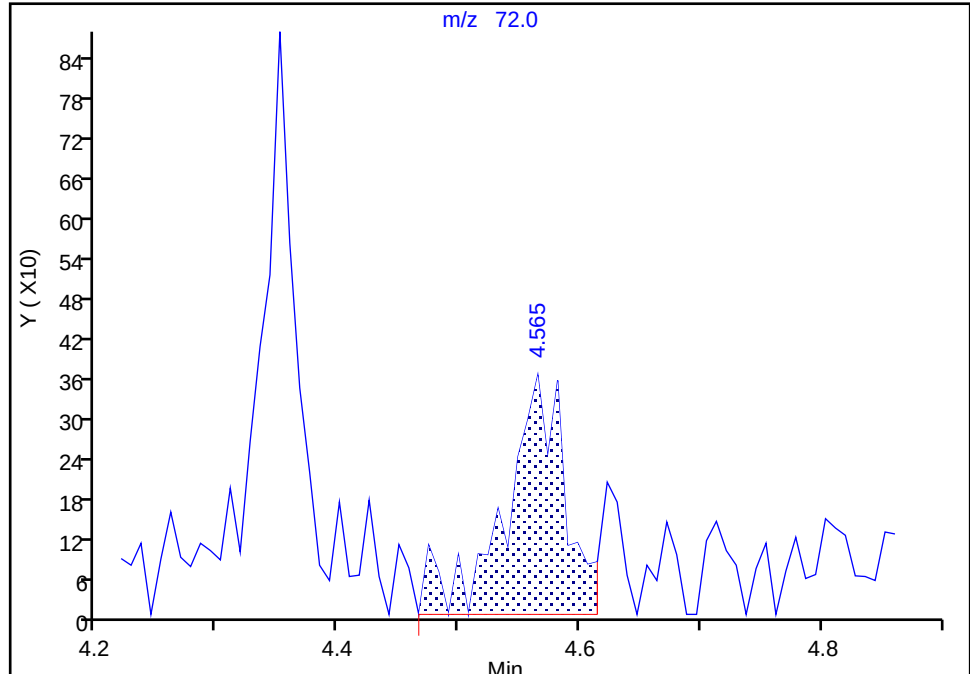
Detector: MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

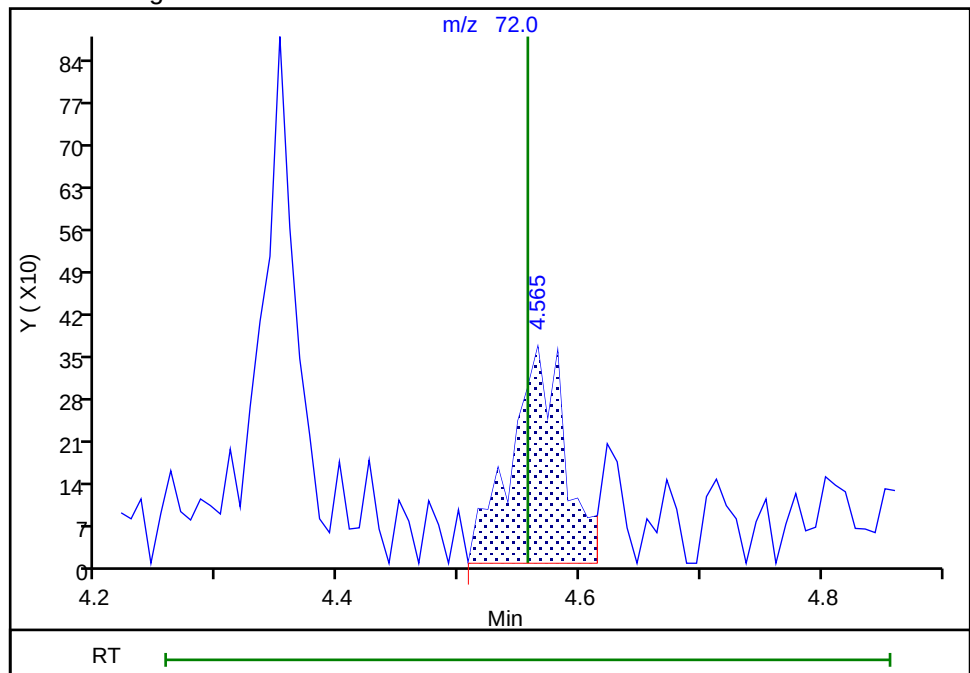
RT: 4.57
Area: 1251
Amount: 4.378984
Amount Units: ug/l

Processing Integration Results



RT: 4.57
Area: 1124
Amount: 1.984398
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 11:00:37

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

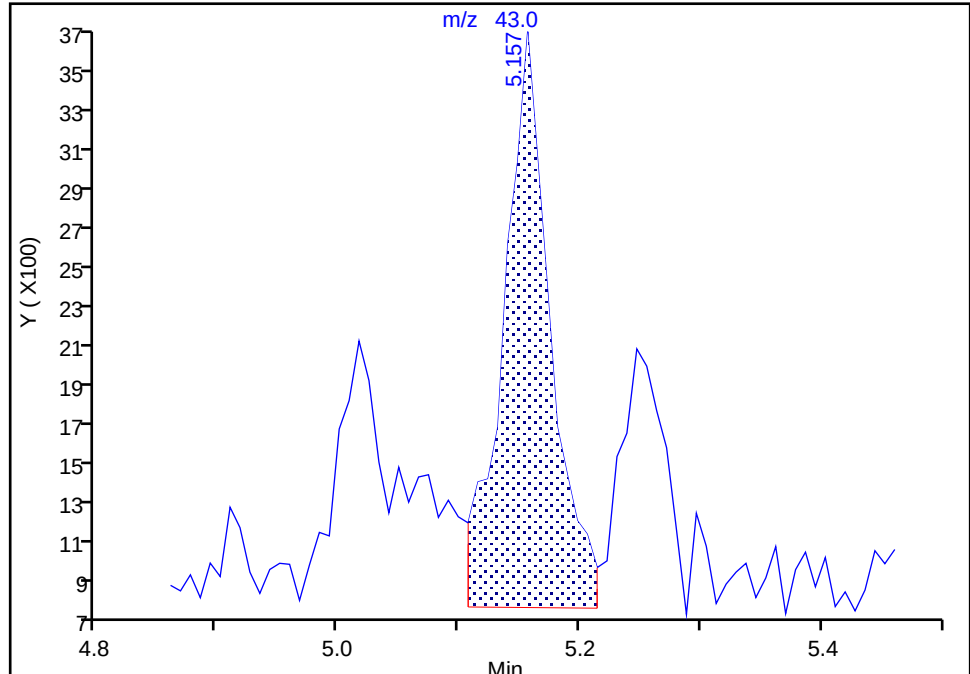
MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

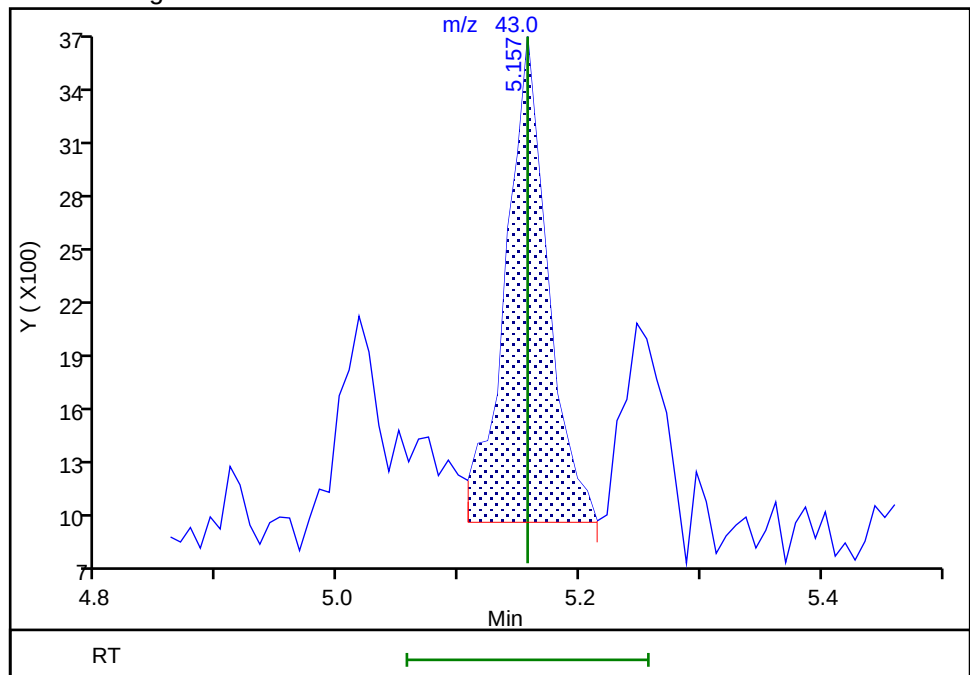
RT: 5.16
Area: 7625
Amount: 1.096675
Amount Units: ug/l

Processing Integration Results



RT: 5.16
Area: 6335
Amount: 0.940213
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:42:15

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

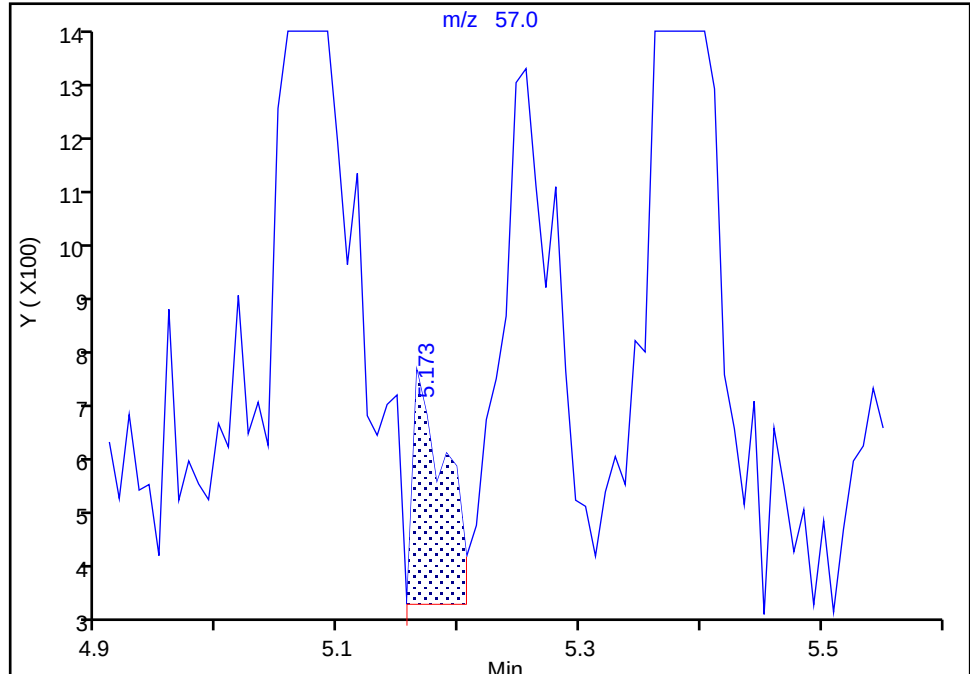
Detector: MS SCAN

60 n-Heptane, CAS: 142-82-5

Signal: 1

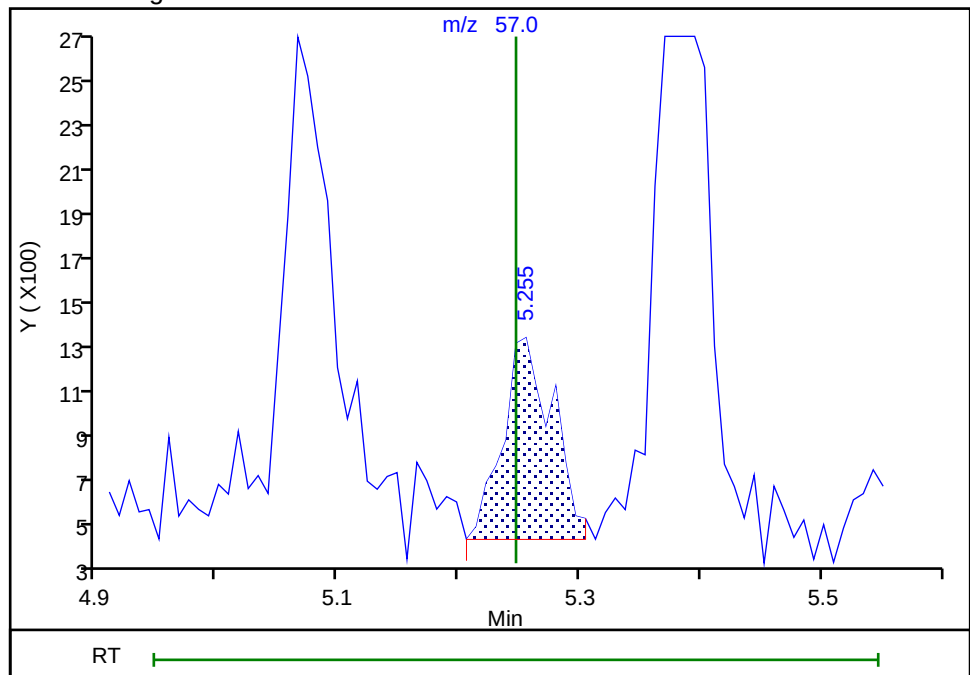
RT: 5.17
Area: 776
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 5.26
Area: 2513
Amount: 0.968734
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 29-Nov-2019 23:15:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

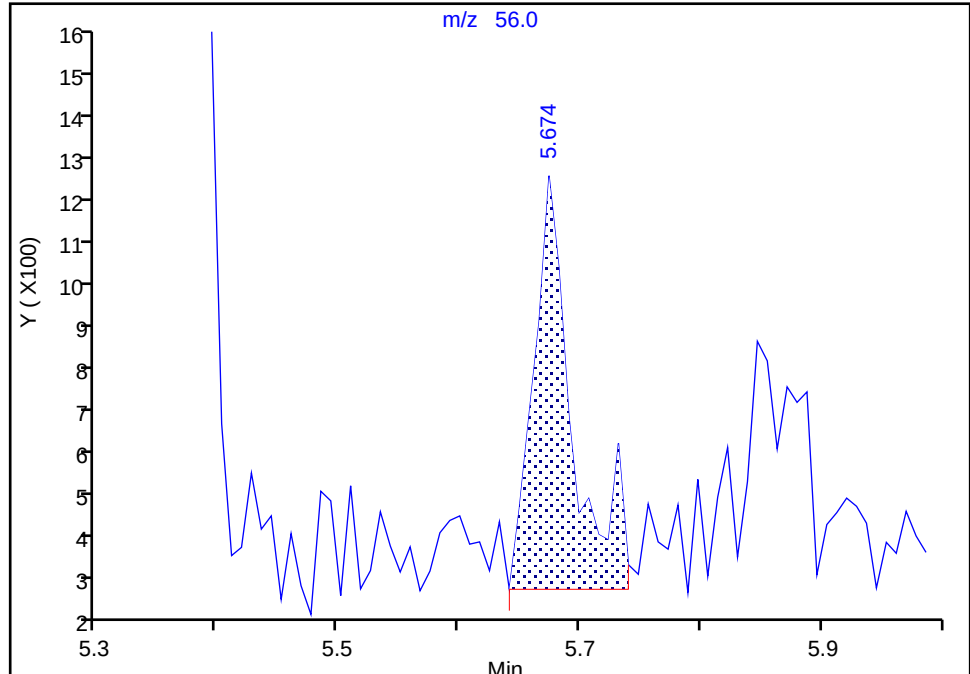
Detector: MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

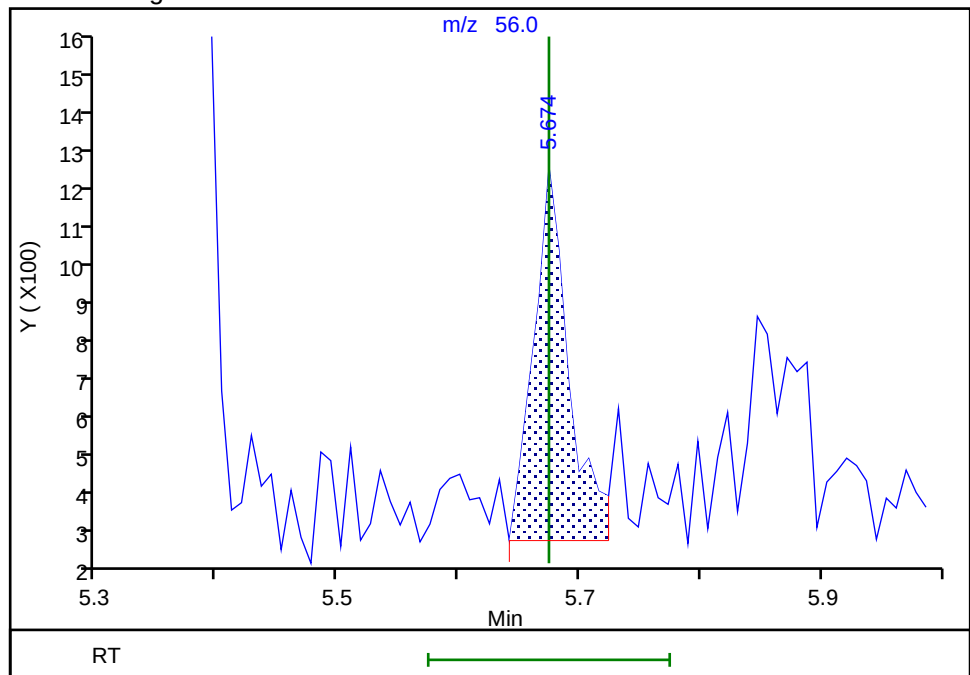
RT: 5.67
Area: 2023
Amount: 33.066493
Amount Units: ug/l

Processing Integration Results



RT: 5.67
Area: 1839
Amount: 30.673981
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:42:57

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

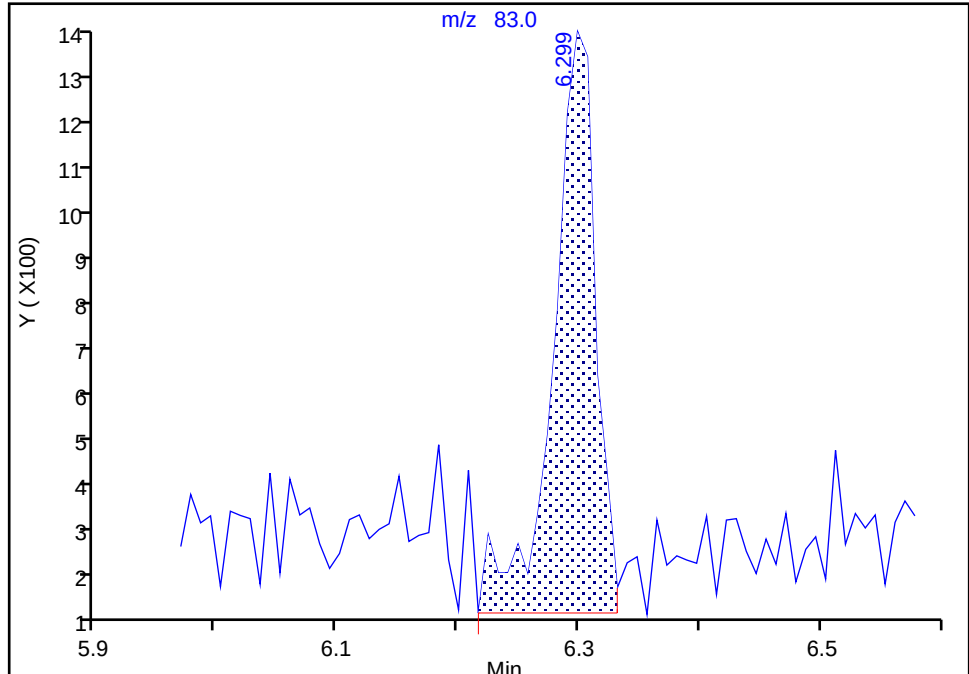
MS SCAN

72 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

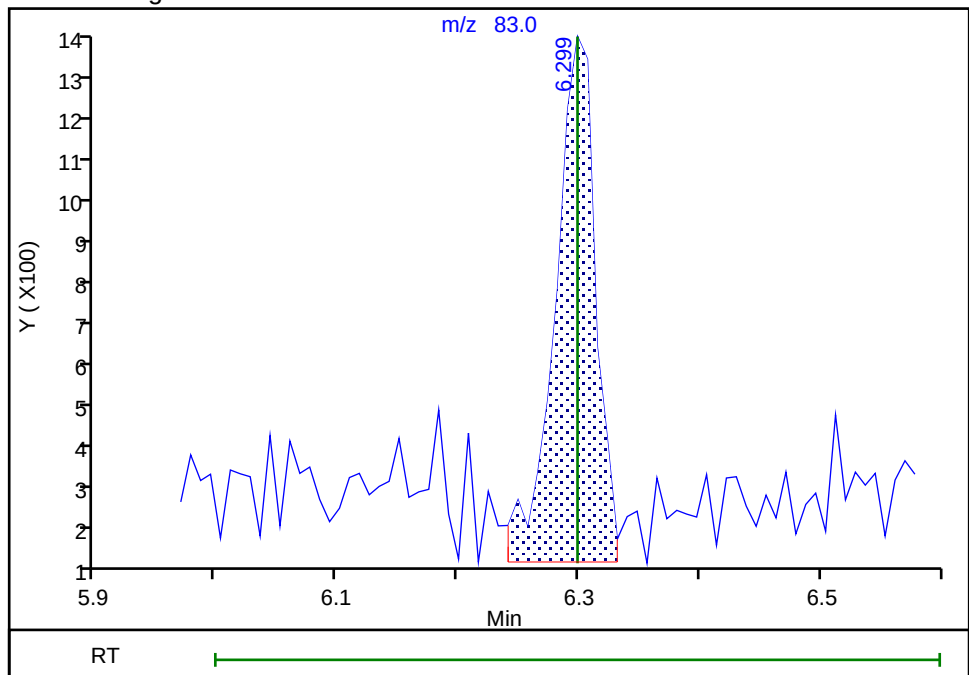
RT: 6.30
Area: 3062
Amount: 1.176000
Amount Units: ug/l

Processing Integration Results



RT: 6.30
Area: 2937
Amount: 1.137090
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:43:53

Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

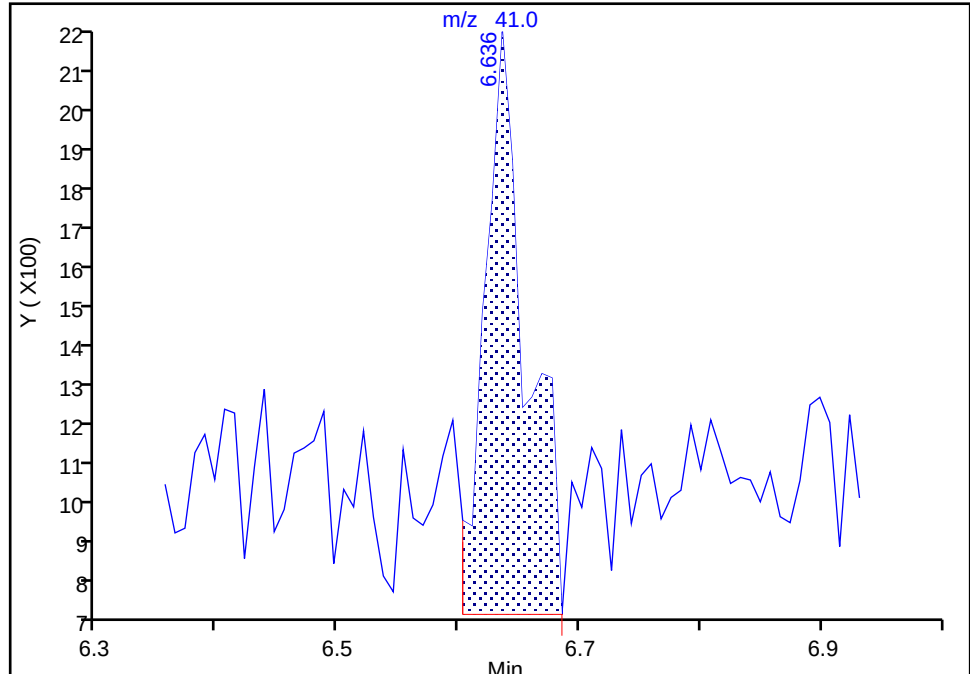
MS SCAN

73 2-Nitropropane, CAS: 79-46-9

Signal: 1

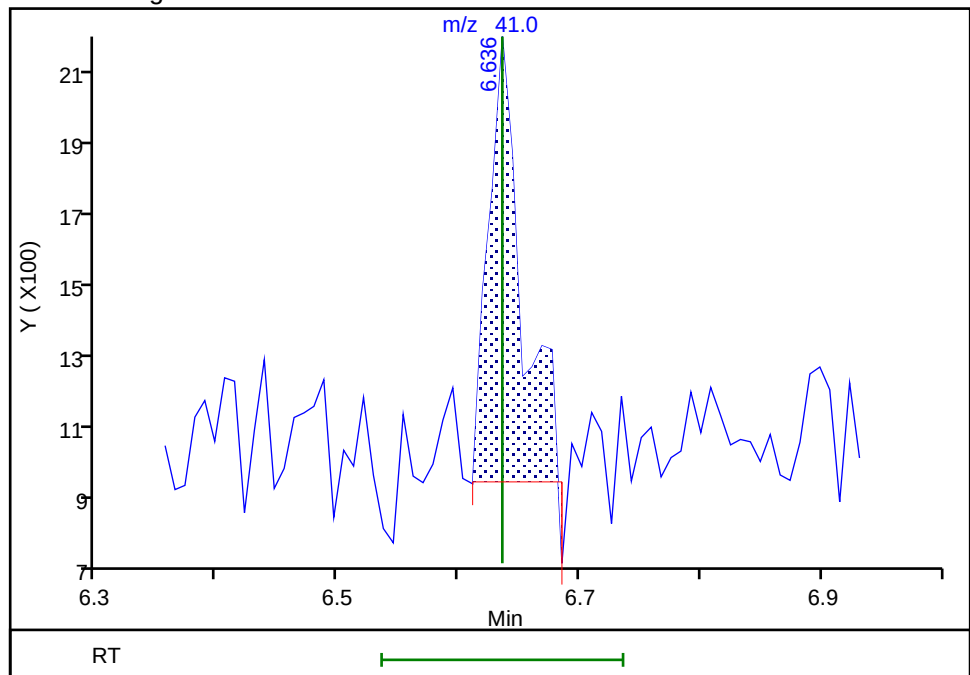
RT: 6.64
Area: 3274
Amount: 4.991740
Amount Units: ug/l

Processing Integration Results



RT: 6.64
Area: 2125
Amount: 3.240304
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 11:02:37

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

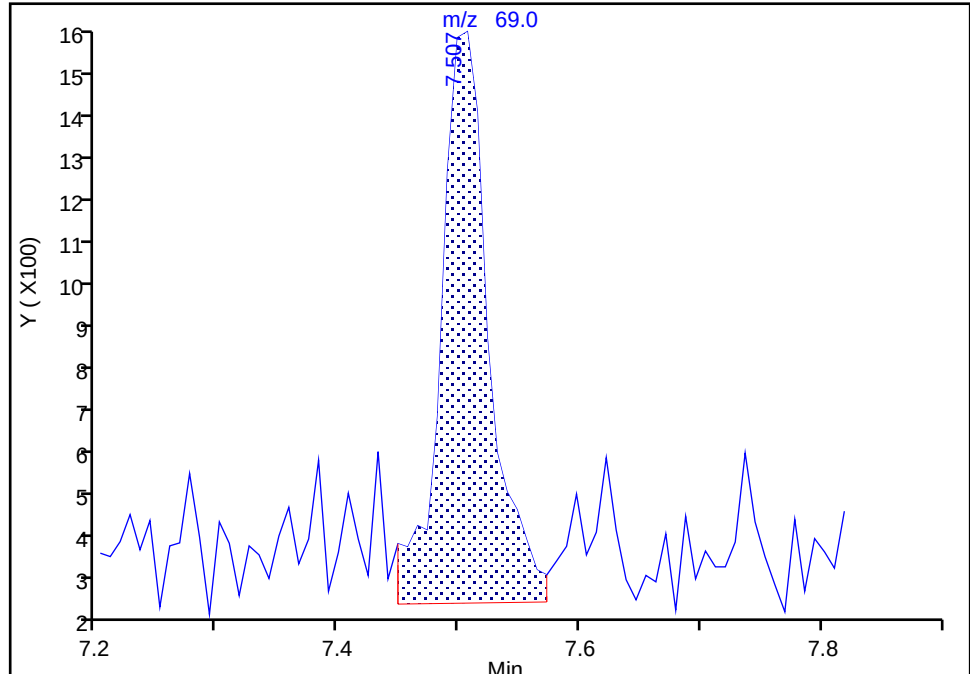
MS SCAN

81 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

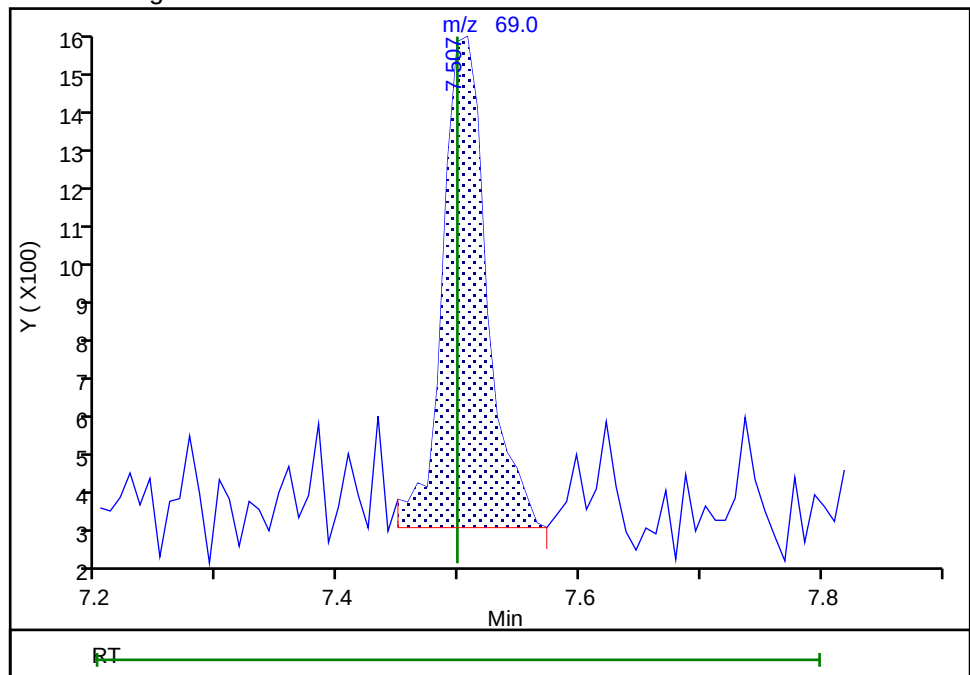
RT: 7.51
Area: 3750
Amount: 1.270293
Amount Units: ug/l

Processing Integration Results



RT: 7.51
Area: 3234
Amount: 1.128372
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:45:09

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89086.D

Injection Date: 29-Nov-2019 22:43:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

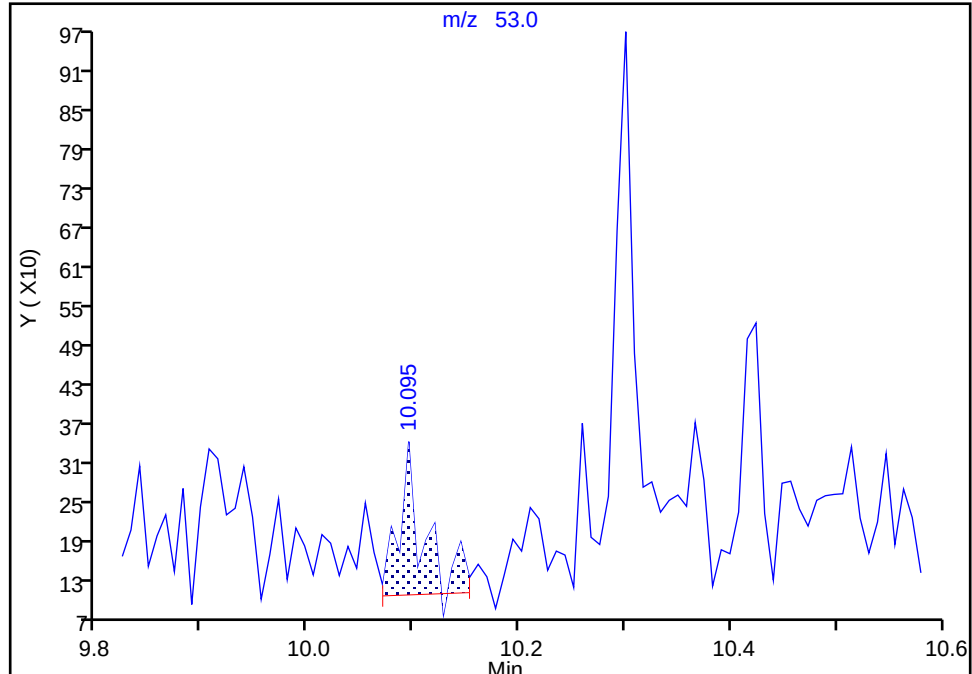
MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

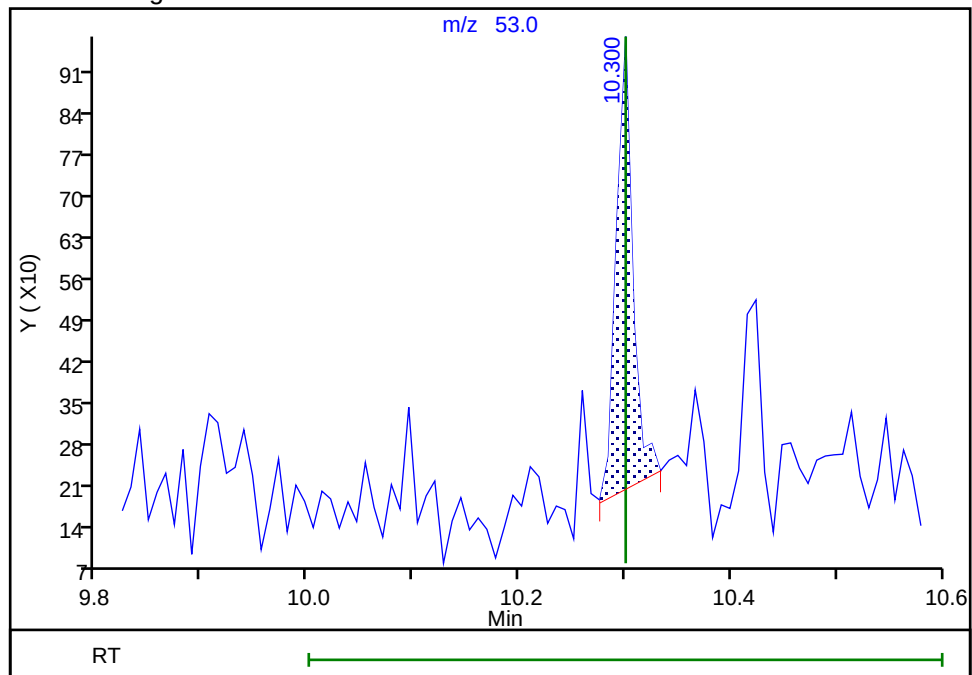
RT: 10.10
Area: 370
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 10.30
Area: 825
Amount: 0.992548
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 11:04:06

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89087.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 29-Nov-2019 23:07:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0102046-005
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Dec-2019 11:33:48 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: boykink

Date: 29-Nov-2019 23:37:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.615	1.607	0.008	64	6617	5.00	7.26	
2 Dichlorodifluoromethane	85	1.640	1.640	0.000	99	19196	5.00	5.54	
3 Chloromethane	50	1.820	1.804	0.016	99	22977	5.00	5.77	
4 Vinyl chloride	62	1.903	1.895	0.008	94	22214	5.00	5.93	
5 Butadiene	54	1.894	1.895	-0.001	96	21127	5.00	5.91	
6 Bromomethane	94	2.190	2.174	0.016	99	14039	5.00	5.46	
7 Chloroethane	64	2.231	2.231	0.000	97	12992	5.00	5.53	
8 Dichlorofluoromethane	67	2.420	2.412	0.008	98	34750	5.00	5.57	
10 Pentane	72	2.429	2.420	0.009	94	7305	10.0	13.9	
9 Trichlorofluoromethane	101	2.437	2.429	0.008	62	26218	5.00	5.85	
12 Ethyl ether	59	2.618	2.609	0.009	94	9688	5.00	5.64	
11 Ethanol	46	2.593	2.618	-0.025	69	2631	200.0	227.8	
13 2-Methyl-1,3-butadiene	53	2.642	2.634	0.008	97	12277	5.00	5.90	
164 1,1,1-Trifluoro-2,2-dichlo	83	2.733	2.724	0.009	88	18757	5.00	6.06	a
15 Acrolein	56	2.782	2.782	0.000	93	7913	20.0	23.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.815	2.798	0.017	95	13978	5.00	6.12	
17 1,1-Dichloroethene	96	2.839	2.831	0.008	97	11712	5.00	5.44	
18 Acetone	43	2.905	2.897	0.008	86	19835	25.0	25.8	
19 Iodomethane	142	2.987	2.979	0.008	98	22021	5.00	5.46	
20 Isopropyl alcohol	45	2.979	2.979	0.000	46	8552	50.0	60.9	
21 Carbon disulfide	76	3.037	3.028	0.009	100	47327	5.00	5.75	
22 3-Chloro-1-propene	41	3.127	3.119	0.008	86	24120	5.00	5.56	
24 Methyl acetate	43	3.135	3.127	0.008	96	18097	10.0	9.84	
23 Cyclopentene	67	3.152	3.143	0.009	95	29709	5.00	5.50	
25 Acetonitrile	41	3.193	3.193	0.000	88	16409	50.0	47.1	a
* 26 TBA-d9 (IS)	65	3.242	3.234	0.008	0	224671	1000.0	1000.0	
27 Methylene Chloride	84	3.267	3.259	0.008	93	14511	5.00	5.84	
28 2-Methyl-2-propanol	59	3.324	3.300	0.024	92	12269	50.0	53.1	a
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	95	37587	5.00	5.93	
30 trans-1,2-Dichloroethene	96	3.439	3.431	0.008	98	11882	5.00	5.67	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.505	3.497	0.008	91	48853	50.0	55.1	
32 Hexane	43	3.587	3.579	0.008	91	10870	5.00	4.99	
33 Isopropyl ether	45	3.793	3.793	0.000	93	39610	5.00	5.49	
34 1,1-Dichloroethane	63	3.825	3.817	0.008	99	21026	5.00	5.32	
35 Vinyl acetate	86	3.842	3.834	0.008	100	5058	10.0	10.1	
36 2-Chloro-1,3-butadiene	88	3.875	3.867	0.008	95	10678	5.00	5.60	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	89	38628	5.00	5.49	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	234148	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.327	0.000	61	4475	5.00	5.45	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	94	12756	5.00	5.59	
41 2-Butanone (MEK)	72	4.351	4.343	0.008	95	6983	25.0	26.4	
42 Ethyl acetate	70	4.360	4.351	0.009	93	2594	10.0	10.5	
43 Methyl acrylate	55	4.409	4.401	0.008	98	10787	5.00	5.38	
44 Propionitrile	54	4.483	4.483	0.000	98	17272	50.0	51.3	
46 Tetrahydrofuran	72	4.565	4.557	0.008	72	3684	10.0	10.4	
45 Chlorobromomethane	128	4.565	4.557	0.008	93	6452	5.00	5.66	
47 Methacrylonitrile	67	4.590	4.581	0.009	94	47815	50.0	51.3	
48 Chloroform	83	4.614	4.606	0.008	96	19608	5.00	5.33	
49 Cyclohexane	84	4.754	4.746	0.008	95	19817	5.00	5.65	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	92938	50.0	50.7	
50 1,1,1-Trichloroethane	97	4.754	4.762	-0.008	78	19078	5.00	5.47	
52 Carbon tetrachloride	117	4.877	4.877	0.000	95	15573	5.00	5.29	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	93	15068	5.00	5.44	
54 Isobutyl alcohol	43	5.017	5.009	0.008	97	13428	125.0	133.3	
55 Benzene	78	5.099	5.099	0.000	97	42299	5.00	5.13	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.107	0.008	0	113969	50.0	47.1	
57 Isopropyl acetate	43	5.157	5.157	0.000	90	35571	5.00	5.14	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	91	33740	5.00	5.18	
59 1,2-Dichloroethane	62	5.189	5.190	-0.001	95	15590	5.00	5.18	
60 n-Heptane	57	5.255	5.247	0.008	94	10346	5.00	5.80	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	351049	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	84	7655	125.0	123.3	
63 Trichloroethene	95	5.740	5.732	0.008	97	10532	5.00	5.22	
65 Ethyl acrylate	55	5.863	5.855	0.008	96	32116	5.00	5.47	
64 Methylcyclohexane	83	5.871	5.863	0.008	88	21819	5.00	5.50	
66 1,2-Dichloropropane	63	6.028	6.019	0.009	83	10480	5.00	5.15	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	19947	1000.0	1000.0	
68 Methyl methacrylate	100	6.101	6.102	-0.001	92	6110	10.0	10.2	
69 1,4-Dioxane	88	6.143	6.126	0.017	25	2965	100.0	117.6	
70 n-Propyl acetate	43	6.159	6.151	0.008	99	16731	5.00	5.03	
71 Dibromomethane	93	6.151	6.151	0.000	54	5975	5.00	4.76	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	13659	5.00	5.15	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	64	7004	5.01	5.43	
73 2-Nitropropane	41	6.636	6.636	0.000	85	10004	10.0	14.8	
75 Epichlorohydrin	57	6.742	6.742	0.000	99	22183	100.0	105.0	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	96	17354	5.00	5.31	
77 4-Methyl-2-pentanone (MIBK	43	6.972	6.964	0.008	98	60072	25.0	26.8	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.047	-0.001	99	344148	50.0	49.3	
79 Toluene	91	7.129	7.120	0.009	94	44542	5.00	5.17	
80 trans-1,3-Dichloropropene	75	7.465	7.466	-0.001	96	16151	5.00	5.27	
81 Ethyl methacrylate	69	7.507	7.498	0.009	92	14246	5.00	4.90	
82 1,1,2-Trichloroethane	83	7.687	7.687	0.000	94	6944	5.00	5.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.729	0.008	95	11338	5.00	5.39	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	95	15917	5.00	5.32	
85 2-Hexanone	43	7.959	7.959	-0.001	97	38806	25.0	25.9	
86 n-Butyl acetate	43	8.082	8.074	0.008	99	18747	5.00	5.10	
87 Chlorodibromomethane	129	8.123	8.123	0.000	97	10054	5.00	5.08	
88 Ethylene Dibromide	107	8.279	8.287	-0.008	98	9085	5.00	4.96	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	88	264503	50.0	50.0	
90 Chlorobenzene	112	8.871	8.862	0.009	93	28644	5.00	5.19	
91 Ethylbenzene	106	8.977	8.969	0.008	99	16002	5.00	5.33	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	92	11744	5.00	5.32	
93 m-Xylene & p-Xylene	106	9.134	9.125	0.009	0	20852	5.00	5.61	
94 n-Butyl acrylate	73	9.553	9.553	0.000	97	9404	5.00	5.14	
95 o-Xylene	106	9.569	9.569	0.000	93	20156	5.00	5.19	
96 Styrene	104	9.602	9.602	0.000	94	32334	5.00	5.09	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	89	25385	5.00	5.01	
98 Bromoform	173	9.799	9.799	0.000	95	7577	5.00	5.20	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	52254	5.00	5.12	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	93	119440	50.0	50.5	
101 Bromobenzene	156	10.210	10.210	0.000	94	13073	5.00	5.25	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	97	12254	5.00	4.70	
103 N-Propylbenzene	91	10.267	10.268	-0.001	99	64726	5.00	5.15	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	96	4470	5.00	5.23	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	72	3918	5.00	4.53	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	44618	5.00	5.17	
107 4-Ethyltoluene	105	10.366	10.366	0.000	99	54815	5.00	5.25	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	94	44339	5.00	4.92	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	39726	5.00	5.12	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	16921	5.00	4.94	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	34675	5.00	4.77	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	47494	5.00	5.00	
113 sec-Butylbenzene	105	10.810	10.810	0.000	98	57842	5.00	4.96	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	72	26463	5.00	5.13	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	98	52026	5.00	5.05	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	164320	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	94	27805	5.00	5.24	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	98	48990	5.00	4.94	
118 Benzyl chloride	91	11.081	11.081	0.000	98	32533	5.00	5.07	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	95	49317	5.00	5.11	
120 p-Diethylbenzene	119	11.163	11.163	0.000	93	29541	5.00	5.04	
121 n-Butylbenzene	92	11.180	11.180	0.000	98	28208	5.00	5.08	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	96	27722	5.00	5.21	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	52860	5.00	5.03	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	91	3453	5.00	5.12	
125 1,3,5-Trichlorobenzene	180	11.804	11.804	0.000	98	23961	5.00	5.31	
126 1,2,4-Trichlorobenzene	180	12.198	12.199	-0.001	94	22470	5.00	5.45	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	10000	5.00	5.35	
128 Naphthalene	128	12.371	12.371	0.000	99	45728	5.00	4.95	
129 1,2,3-Trichlorobenzene	180	12.535	12.527	0.008	95	18647	5.00	5.10	
S 130 1,2-Dichloroethene, Total	100				0		10.0	11.3	
S 131 Xylenes, Total	100				0		10.0	10.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00343	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00108	Amount Added: 10.00	Units: uL	
ACROLEIN W_00099	Amount Added: 4.00	Units: uL	
524freon_00015	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00030	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89087.D

Injection Date: 29-Nov-2019 23:07:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

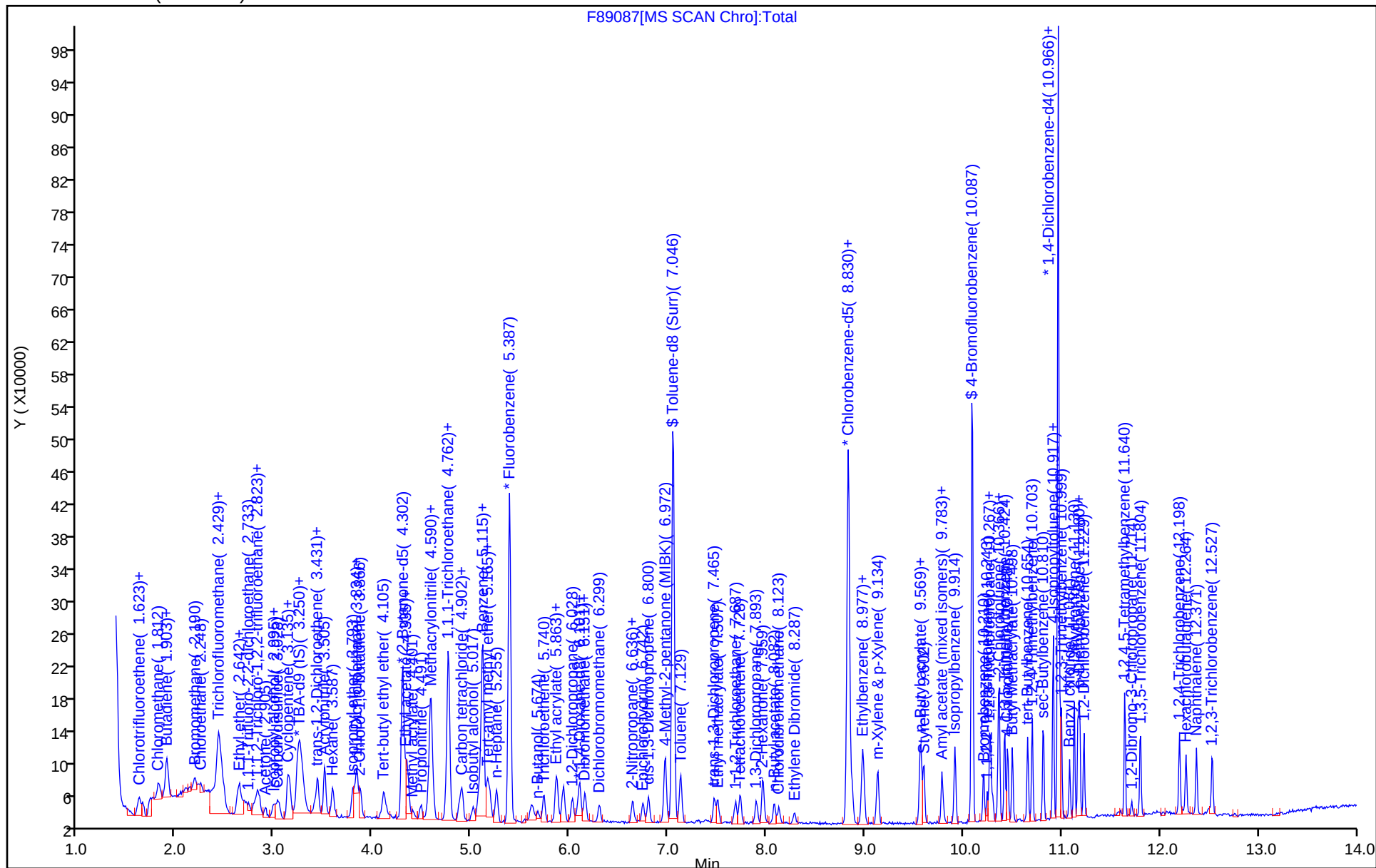
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89087.D

Injection Date: 29-Nov-2019 23:07:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

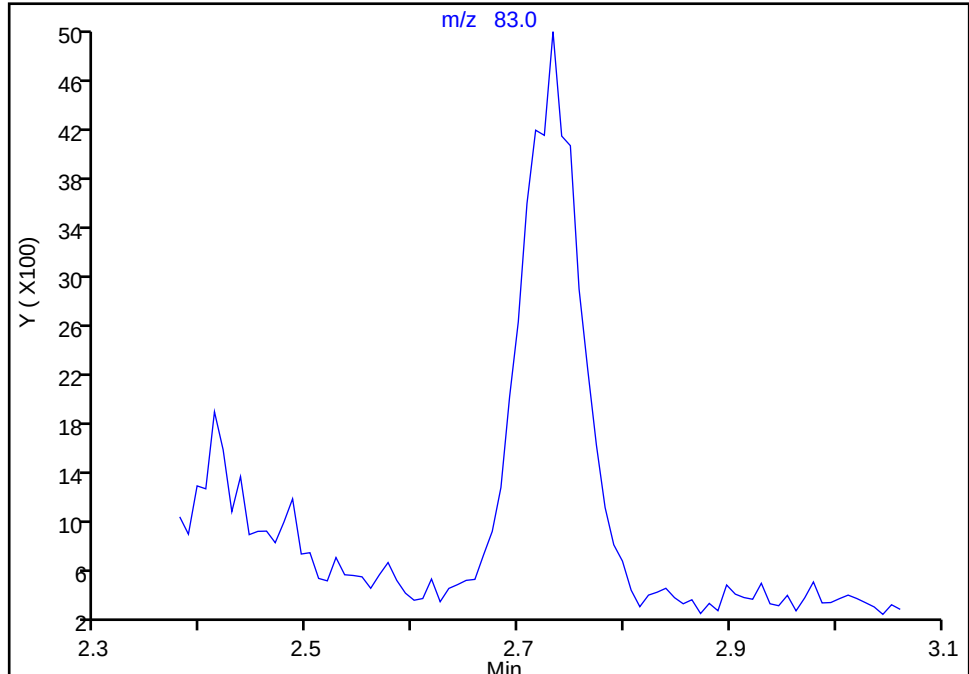
164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

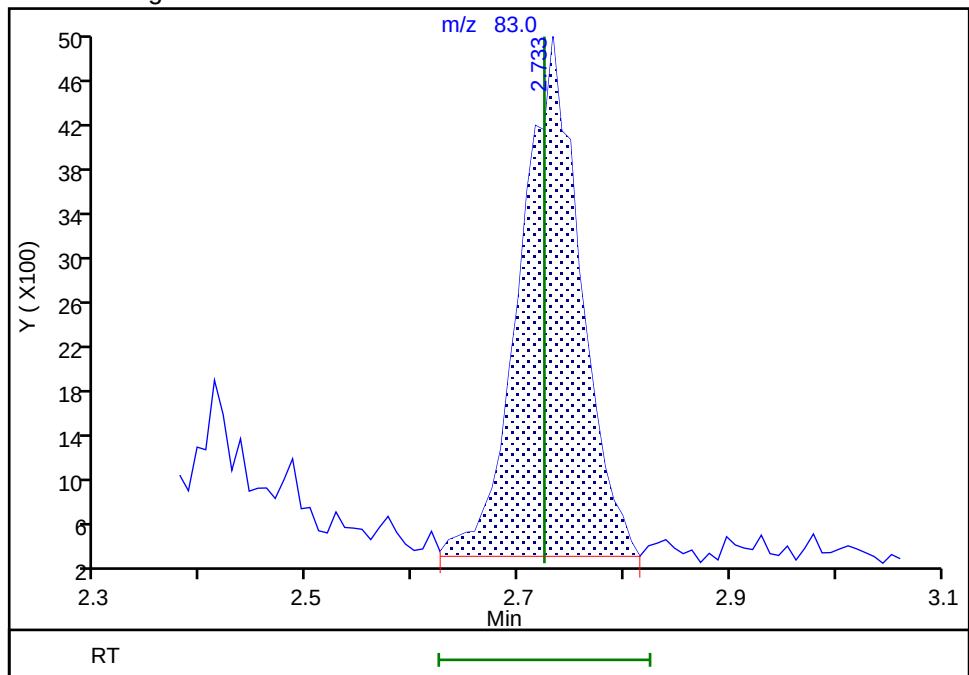
Not Detected

Expected RT: 2.72

Processing Integration Results



Manual Integration Results



RT: 2.73

Area: 18757

Amount: 6.058008

Amount Units: ug/l

Reviewer: boykink, 29-Nov-2019 23:33:47

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89087.D

Injection Date: 29-Nov-2019 23:07:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

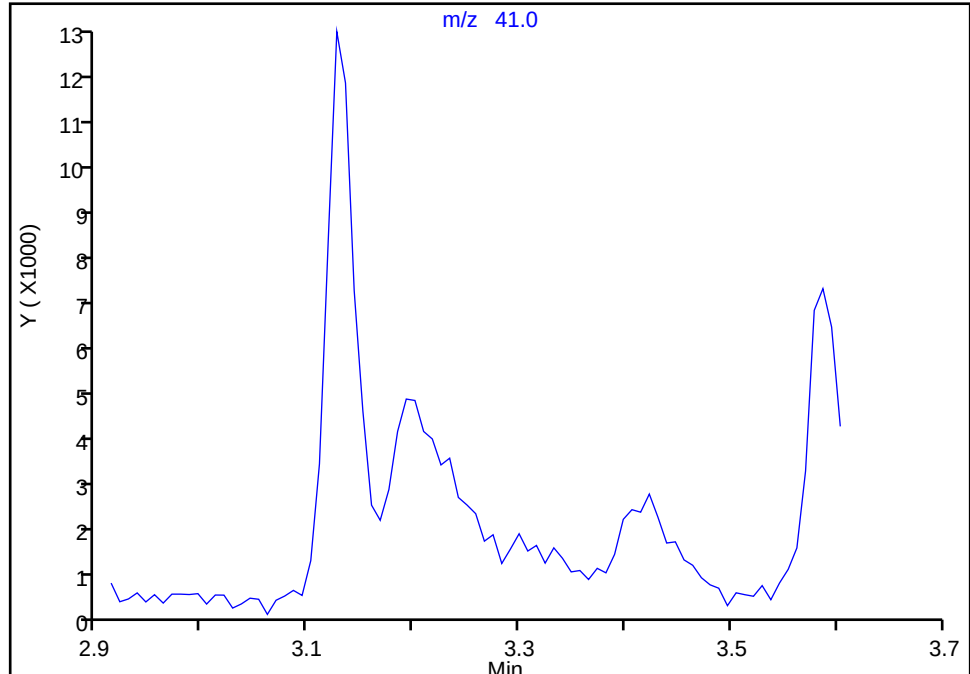
25 Acetonitrile, CAS: 75-05-8

Signal: 1

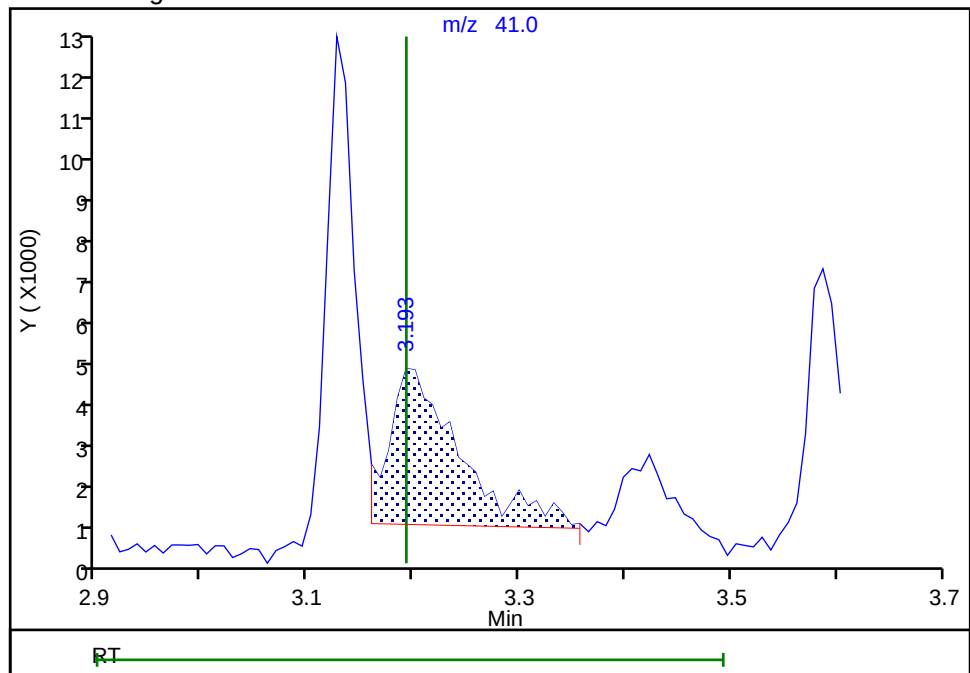
Not Detected

Expected RT: 3.19

Processing Integration Results



Manual Integration Results



RT: 3.19
Area: 16409
Amount: 47.115469
Amount Units: ug/l

Reviewer: boykink, 29-Nov-2019 23:34:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89087.D

Injection Date: 29-Nov-2019 23:07:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

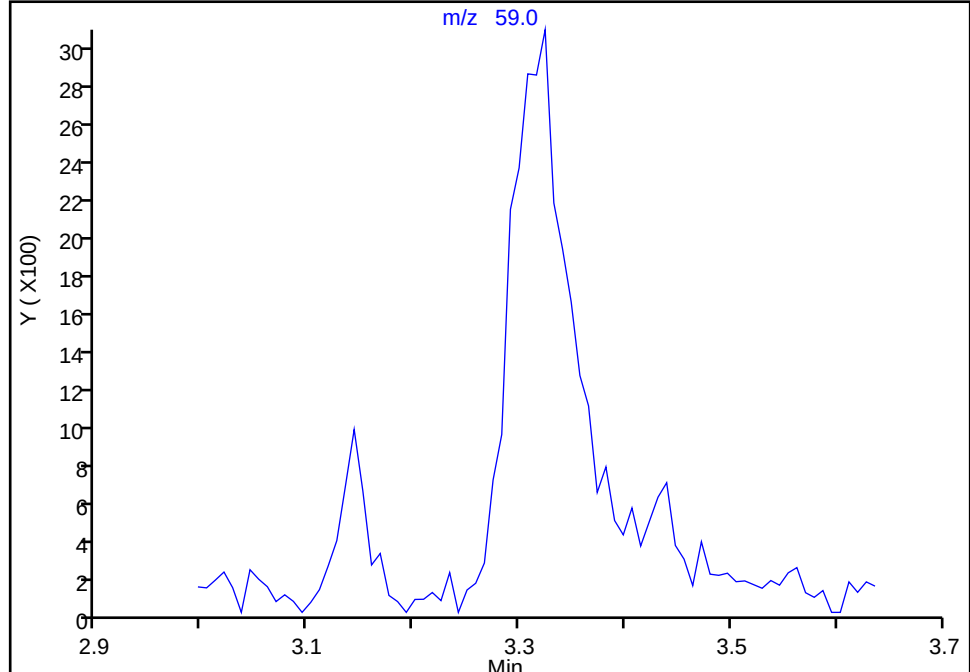
28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

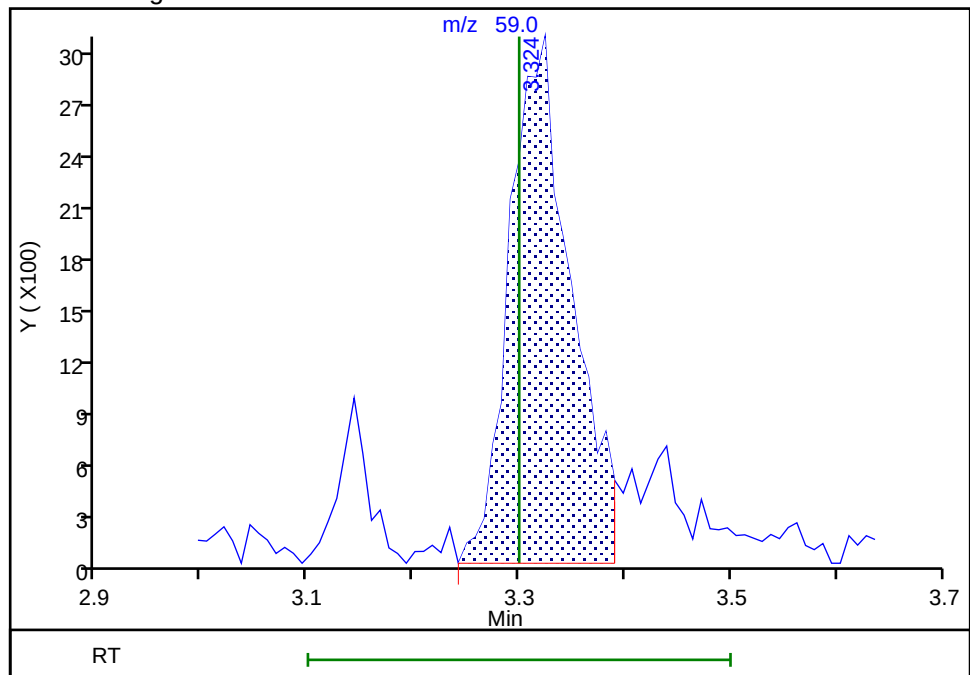
Not Detected

Expected RT: 3.30

Processing Integration Results



Manual Integration Results



RT: 3.32
Area: 12269
Amount: 53.051201
Amount Units: ug/l

Reviewer: boykink, 29-Nov-2019 23:34:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89088.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 29-Nov-2019 23:31:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0102046-006
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Dec-2019 11:34:04 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: boykink

Date: 29-Nov-2019 23:55:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.607	1.607	0.000	60	23855	20.0	26.2	
2 Dichlorodifluoromethane	85	1.640	1.640	0.000	72	80077	20.0	23.0	
3 Chloromethane	50	1.804	1.804	0.000	99	84044	20.0	21.0	
4 Vinyl chloride	62	1.895	1.895	0.000	98	79982	20.0	21.3	
5 Butadiene	54	1.895	1.895	0.000	97	73358	20.0	20.4	
6 Bromomethane	94	2.174	2.174	0.000	99	53804	20.0	20.9	
7 Chloroethane	64	2.231	2.231	0.000	100	48689	20.0	20.6	
8 Dichlorofluoromethane	67	2.412	2.412	0.000	99	120470	20.0	19.2	
10 Pentane	72	2.420	2.420	0.000	97	22485	40.0	41.2	
9 Trichlorofluoromethane	101	2.429	2.429	0.000	83	96945	20.0	21.6	
12 Ethyl ether	59	2.609	2.609	0.000	95	35922	20.0	20.8	
11 Ethanol	46	2.618	2.618	0.000	68	10339	800.0	852.6	
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	98	42842	20.0	20.5	
164 1,1,1-Trifluoro-2,2-dichlo	83	2.724	2.724	0.000	94	64801	20.0	20.8	a
15 Acrolein	56	2.782	2.782	0.000	92	14579	40.0	41.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.798	2.798	0.000	97	48083	20.0	21.0	
17 1,1-Dichloroethene	96	2.831	2.831	0.000	98	44755	20.0	20.7	
18 Acetone	43	2.897	2.897	0.000	84	83347	100.0	105.5	
19 Iodomethane	142	2.979	2.979	0.000	98	85617	20.0	21.1	
20 Isopropyl alcohol	45	2.979	2.979	0.000	44	34083	200.0	231.2	
21 Carbon disulfide	76	3.028	3.028	0.000	100	179969	20.0	21.8	
22 3-Chloro-1-propene	41	3.119	3.119	0.000	92	88343	20.0	20.3	
24 Methyl acetate	43	3.127	3.127	0.000	99	70452	40.0	38.2	
23 Cyclopentene	67	3.143	3.143	0.000	91	107378	20.0	19.8	
25 Acetonitrile	41	3.193	3.193	0.000	96	93110	200.0	254.7	a
* 26 TBA-d9 (IS)	65	3.234	3.234	0.000	0	235867	1000.0	1000.0	
27 Methylene Chloride	84	3.259	3.259	0.000	97	51024	20.0	20.4	
28 2-Methyl-2-propanol	59	3.300	3.300	0.000	97	47215	200.0	194.5	
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	96	141905	20.0	22.3	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	99	42662	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.497	3.497	0.000	94	194162	200.0	218.1	
32 Hexane	43	3.579	3.579	0.000	93	44966	20.0	22.6	
33 Isopropyl ether	45	3.793	3.793	0.000	94	152882	20.0	21.1	
34 1,1-Dichloroethane	63	3.817	3.817	0.000	99	80151	20.0	20.2	
35 Vinyl acetate	86	3.834	3.834	0.000	99	20068	40.0	39.8	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	95	38651	20.0	20.2	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	89	146677	20.0	20.8	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	240746	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.327	0.000	91	17213	20.0	20.9	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	92	46207	20.0	20.2	
41 2-Butanone (MEK)	72	4.343	4.343	0.000	96	26684	100.0	98.3	
42 Ethyl acetate	70	4.351	4.351	0.000	93	9596	40.0	37.9	
43 Methyl acrylate	55	4.401	4.401	0.000	100	40469	20.0	20.1	
44 Propionitrile	54	4.483	4.483	0.000	97	73039	200.0	206.5	
46 Tetrahydrofuran	72	4.557	4.557	0.000	67	12627	40.0	39.5	
45 Chlorobromomethane	128	4.557	4.557	0.000	93	23835	20.0	20.8	
47 Methacrylonitrile	67	4.581	4.581	0.000	93	190007	200.0	202.9	
48 Chloroform	83	4.606	4.606	0.000	97	73859	20.0	20.0	
49 Cyclohexane	84	4.746	4.746	0.000	93	74198	20.0	21.1	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	97	92733	50.0	50.4	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	78	69666	20.0	19.9	
52 Carbon tetrachloride	117	4.877	4.877	0.000	95	60121	20.0	20.4	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	94	56196	20.0	20.2	
54 Isobutyl alcohol	43	5.009	5.009	0.000	98	49609	500.0	469.0	
55 Benzene	78	5.099	5.099	0.000	97	161001	20.0	19.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.107	5.107	0.000	0	119325	50.0	49.1	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	148726	20.0	21.4	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	92	136930	20.0	20.9	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	96	58327	20.0	19.3	
60 n-Heptane	57	5.247	5.247	0.000	95	32994	20.0	19.8	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	352541	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	90	32390	500.0	497.1	
63 Trichloroethene	95	5.732	5.732	0.000	96	37619	20.0	18.6	
65 Ethyl acrylate	55	5.855	5.855	0.000	97	119827	20.0	20.3	
64 Methylcyclohexane	83	5.863	5.863	0.000	83	82227	20.0	20.6	
66 1,2-Dichloropropane	63	6.019	6.019	0.000	86	40573	20.0	19.9	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	20055	1000.0	1000.0	M
68 Methyl methacrylate	100	6.102	6.102	0.000	91	23487	40.0	39.1	
69 1,4-Dioxane	88	6.126	6.126	0.000	59	9563	400.0	377.1	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	65912	20.0	19.7	
71 Dibromomethane	93	6.151	6.151	0.000	95	25613	20.0	20.3	
72 Dichlorobromomethane	83	6.299	6.299	0.000	99	52424	20.0	19.7	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	66	25411	20.0	19.6	
73 2-Nitropropane	41	6.636	6.636	0.000	83	31602	40.0	46.6	
75 Epichlorohydrin	57	6.742	6.742	0.000	100	92575	400.0	439.3	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	97	62656	20.0	19.1	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	98	235405	100.0	102.1	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	99	344076	50.0	49.2	
79 Toluene	91	7.120	7.120	0.000	93	167408	20.0	19.4	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	97	62904	20.0	20.5	
81 Ethyl methacrylate	69	7.498	7.498	0.000	94	58311	20.0	20.0	
82 1,1,2-Trichloroethane	83	7.687	7.687	0.000	94	30275	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.729	7.729	0.000	96	42235	20.0	20.0	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	95	60171	20.0	20.1	
85 2-Hexanone	43	7.959	7.959	0.000	98	156535	100.0	101.7	
86 n-Butyl acetate	43	8.074	8.074	0.000	99	73335	20.0	19.9	
87 Chlorodibromomethane	129	8.123	8.123	0.000	97	37293	20.0	18.8	
88 Ethylene Dibromide	107	8.287	8.287	0.000	99	36438	20.0	19.8	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	87	265064	50.0	50.0	
90 Chlorobenzene	112	8.862	8.862	0.000	93	108669	20.0	19.7	
91 Ethylbenzene	106	8.969	8.969	0.000	99	60063	20.0	19.9	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	94	41853	20.0	18.9	
93 m-Xylene & p-Xylene	106	9.125	9.125	0.000	0	73558	20.0	19.7	
94 n-Butyl acrylate	73	9.553	9.553	0.000	97	37138	20.0	20.3	
95 o-Xylene	106	9.569	9.569	0.000	92	75082	20.0	19.3	
96 Styrene	104	9.602	9.602	0.000	94	125964	20.0	19.8	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	97832	20.0	19.5	
98 Bromoform	173	9.799	9.799	0.000	96	29404	20.0	20.1	
99 Isopropylbenzene	105	9.914	9.914	0.000	96	202065	20.0	19.8	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	96	120806	50.0	51.0	
101 Bromobenzene	156	10.210	10.210	0.000	96	49540	20.0	20.1	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	97	52582	20.0	20.4	
103 N-Propylbenzene	91	10.268	10.268	0.000	99	247538	20.0	19.9	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	95	15635	20.0	18.5	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	92	18333	20.0	21.5	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	166807	20.0	19.6	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	207955	20.0	20.2	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	93	178535	20.0	20.0	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	150733	20.0	19.7	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	68521	20.0	20.3	
111 tert-Butylbenzene	119	10.654	10.654	0.000	94	141737	20.0	19.7	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	188721	20.0	20.1	
113 sec-Butylbenzene	105	10.810	10.810	0.000	99	229312	20.0	19.9	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	203073	20.0	20.0	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	72	102786	20.0	20.2	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	162346	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	95	107397	20.0	20.5	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	196156	20.0	20.0	
118 Benzyl chloride	91	11.081	11.081	0.000	98	130845	20.0	20.6	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	95	193495	20.0	20.3	
120 p-Diethylbenzene	119	11.163	11.163	0.000	96	121345	20.0	21.0	
121 n-Butylbenzene	92	11.180	11.180	0.000	96	110975	20.0	20.2	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	96	109715	20.0	20.9	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	210290	20.0	20.3	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	93	12805	20.0	19.2	
125 1,3,5-Trichlorobenzene	180	11.804	11.804	0.000	97	92501	20.0	20.7	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	94	87197	20.0	21.4	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	95	37861	20.0	20.5	
128 Naphthalene	128	12.371	12.371	0.000	99	192682	20.0	21.1	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	95	74794	20.0	20.7	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.4	
S 131 Xylenes, Total	100				0		40.0	39.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00343	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00108	Amount Added: 20.00	Units: uL	
ACROLEIN W_00099	Amount Added: 4.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00030	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89088.D

Injection Date: 29-Nov-2019 23:31:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

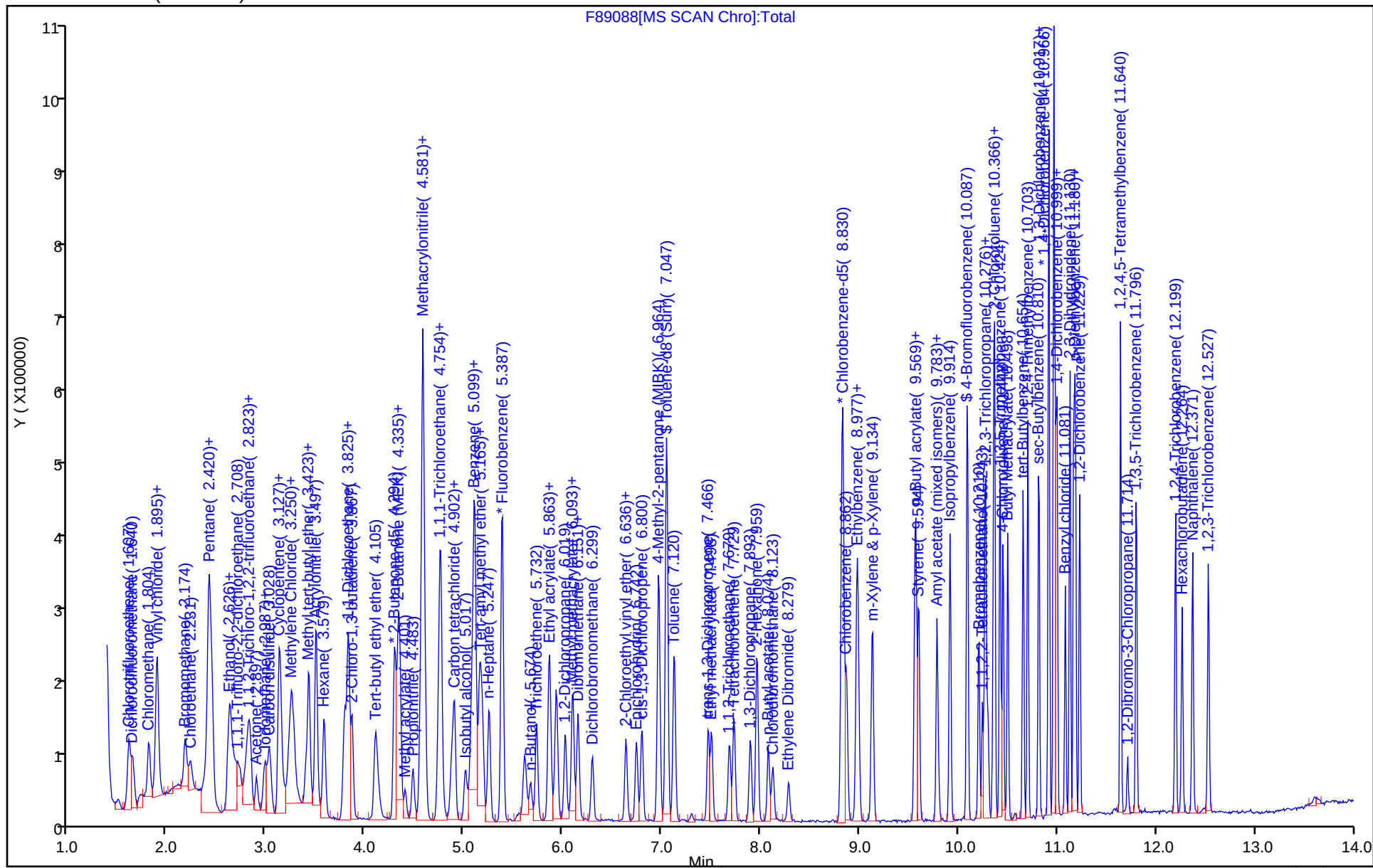
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89088.D

Injection Date: 29-Nov-2019 23:31:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

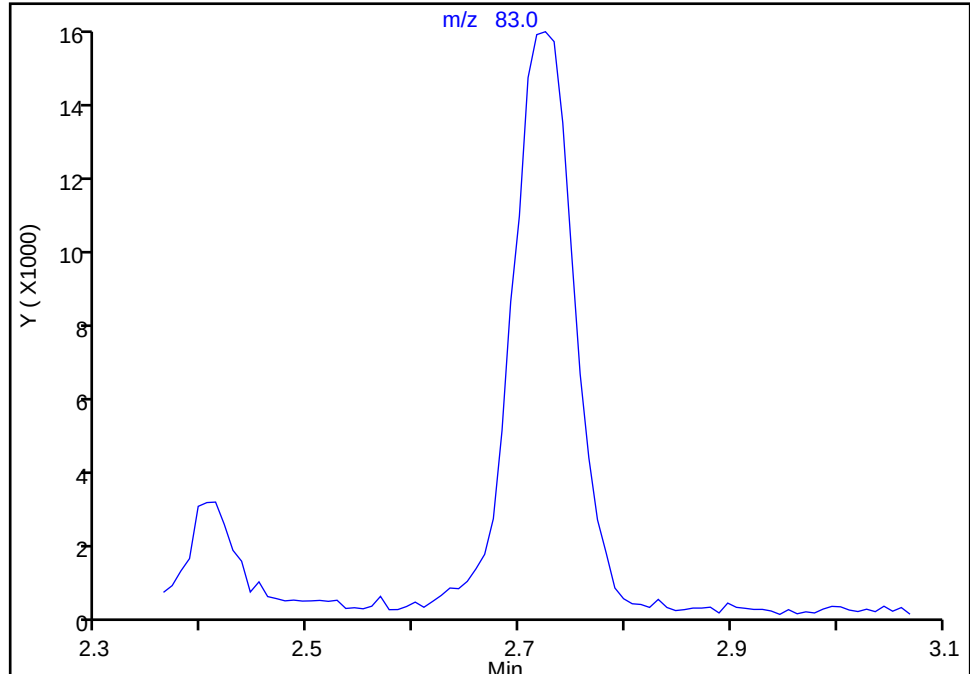
164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

Not Detected

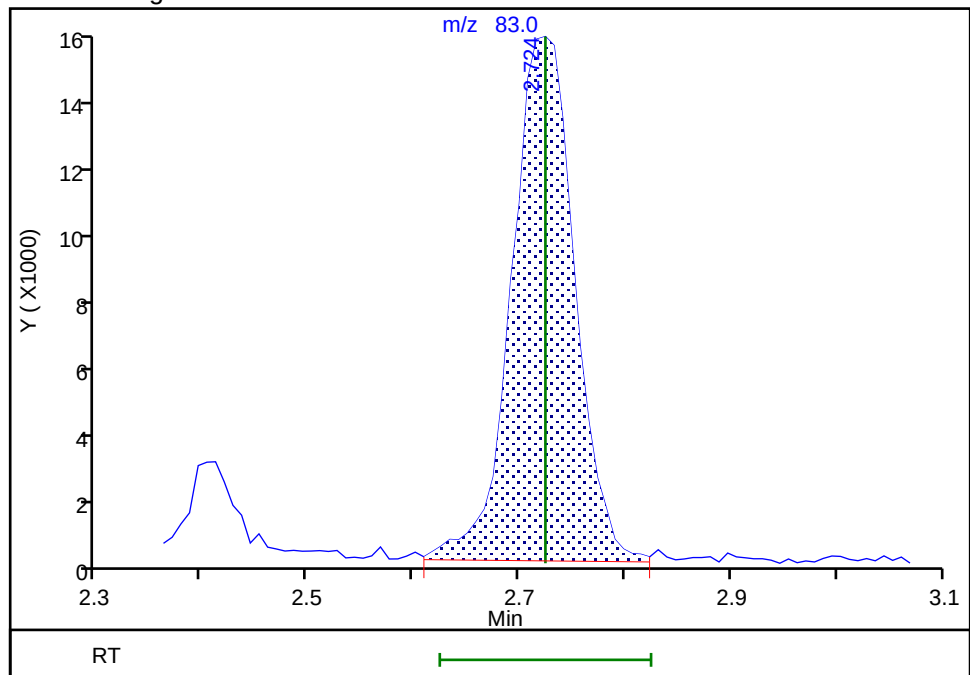
Expected RT: 2.72

Processing Integration Results



RT: 2.72
Area: 64801
Amount: 20.840412
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 29-Nov-2019 23:53:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89088.D

Injection Date: 29-Nov-2019 23:31:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

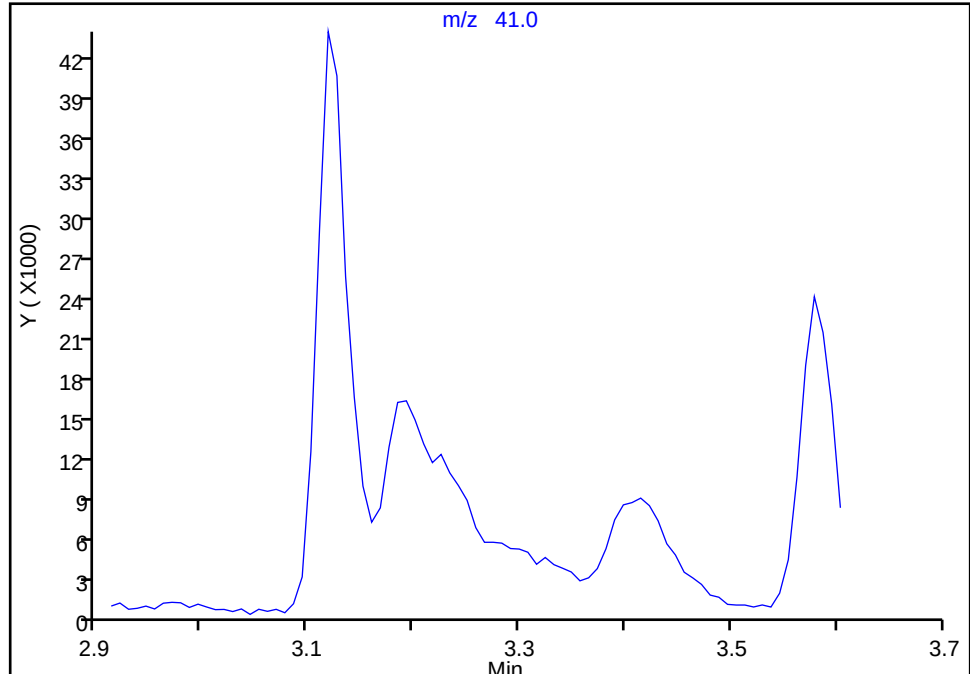
25 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.19

Processing Integration Results



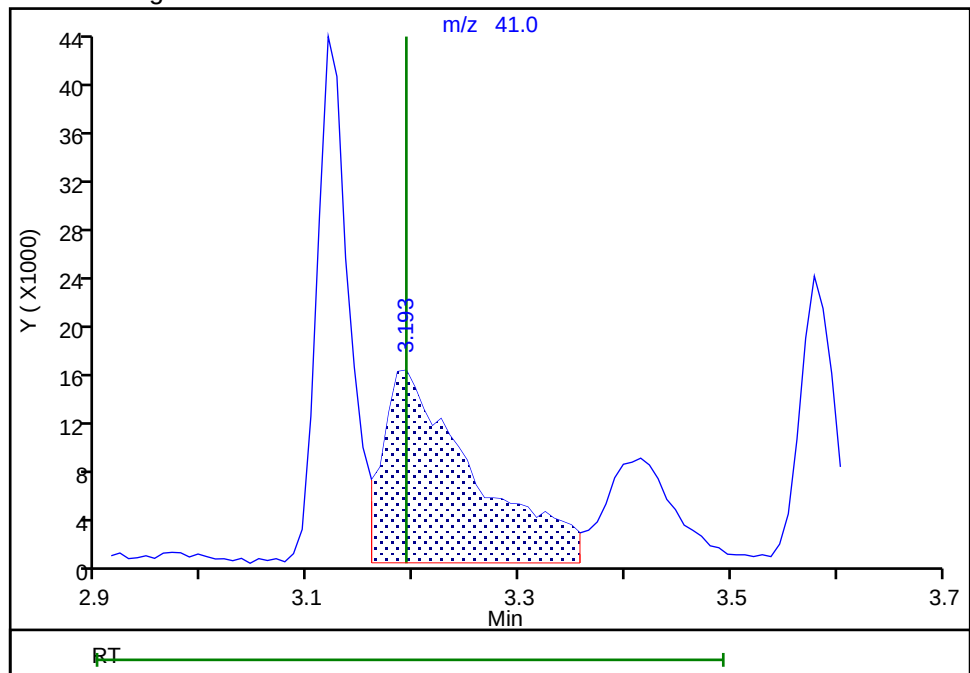
RT: 3.19

Area: 93110

Amount: 254.6581

Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 29-Nov-2019 23:53:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89088.D

Injection Date: 29-Nov-2019 23:31:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

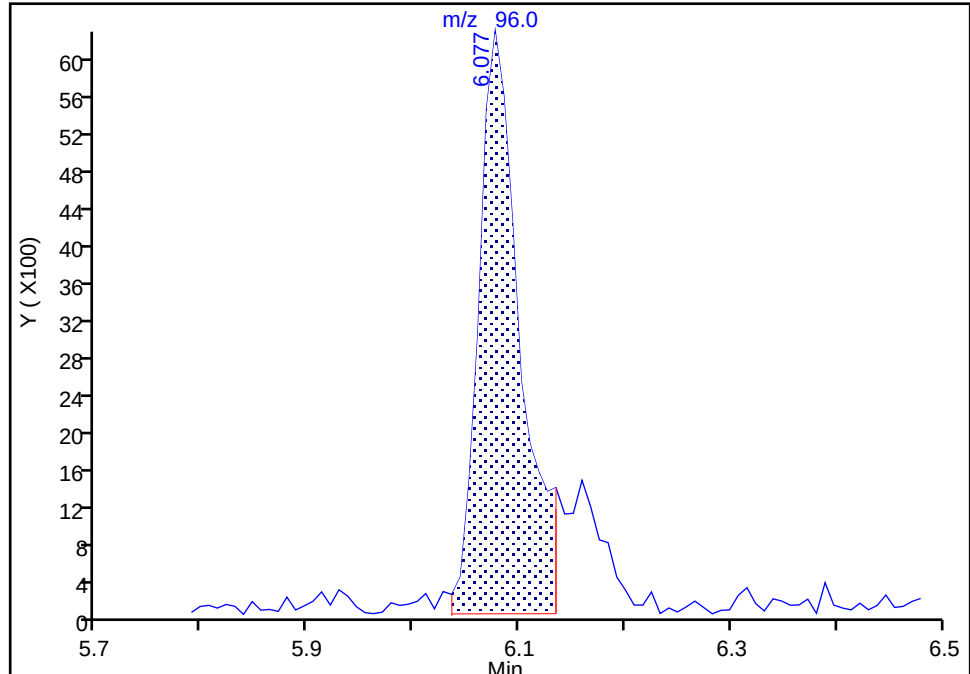
Detector: MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

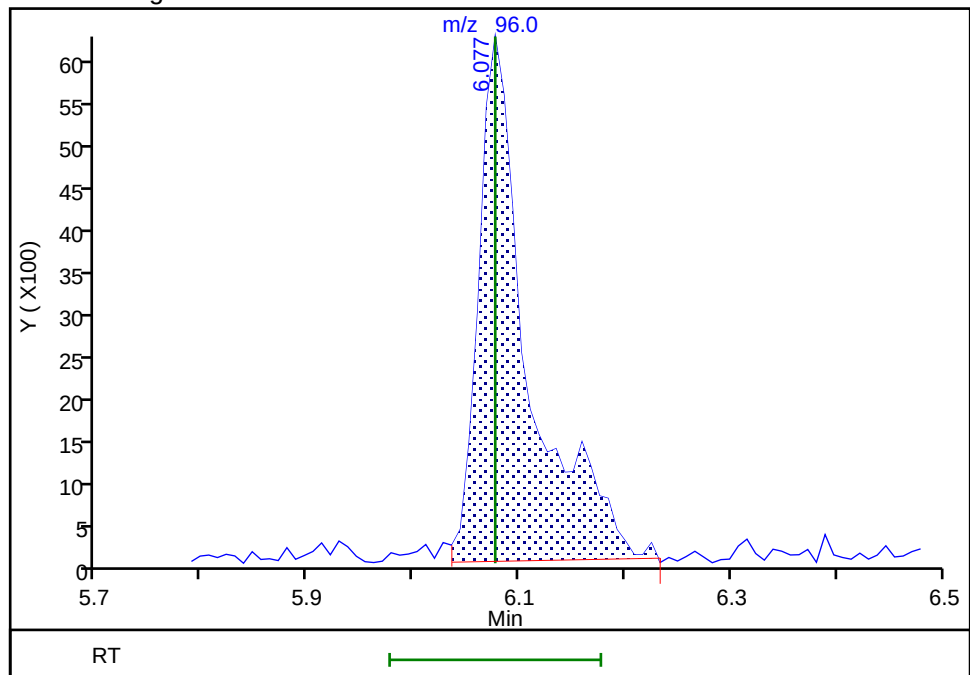
RT: 6.08
Area: 16868
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.08
Area: 20055
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:25:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89089.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 29-Nov-2019 23:55:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0102046-007
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Dec-2019 11:34:22 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: boykink

Date: 30-Nov-2019 00:32:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.591	1.607	-0.016	74	59660	50.0	62.9	
2 Dichlorodifluoromethane	85	1.632	1.640	-0.008	100	201006	50.0	54.8	
3 Chloromethane	50	1.804	1.804	0.000	99	209031	50.0	49.6	
4 Vinyl chloride	62	1.895	1.895	0.000	99	204414	50.0	51.5	
5 Butadiene	54	1.886	1.895	-0.009	98	180905	50.0	47.8	
6 Bromomethane	94	2.174	2.174	0.000	99	128647	50.0	47.3	
7 Chloroethane	64	2.223	2.231	-0.008	100	118426	50.0	47.6	
8 Dichlorofluoromethane	67	2.404	2.412	-0.008	99	303173	50.0	45.9	
10 Pentane	72	2.429	2.420	0.009	96	53867	100.0	93.2	
9 Trichlorofluoromethane	101	2.429	2.429	0.000	99	245801	50.0	51.8	
12 Ethyl ether	59	2.609	2.609	0.000	93	91228	50.0	50.2	
11 Ethanol	46	2.609	2.618	-0.009	87	24900	2000.0	1910.7	
13 2-Methyl-1,3-butadiene	53	2.626	2.634	-0.008	99	105951	50.0	48.1	
164 1,1,1-Trifluoro-2,2-dichlo	83	2.716	2.724	-0.008	67	165999	50.0	50.6	a
15 Acrolein	56	2.774	2.782	-0.008	87	38591	100.0	102.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.798	2.798	0.000	95	123236	50.0	50.9	
17 1,1-Dichloroethene	96	2.831	2.831	0.000	98	113176	50.0	49.7	
18 Acetone	43	2.897	2.897	0.000	86	205979	250.0	252.7	
19 Iodomethane	142	2.979	2.979	0.000	98	211685	50.0	49.6	
20 Isopropyl alcohol	45	2.971	2.979	-0.008	41	79228	500.0	500.1	
21 Carbon disulfide	76	3.029	3.028	0.001	100	448838	50.0	51.5	
22 3-Chloro-1-propene	41	3.119	3.119	0.000	92	225253	50.0	49.0	
24 Methyl acetate	43	3.127	3.127	0.000	100	174061	100.0	89.4	
23 Cyclopentene	67	3.144	3.143	0.001	93	274578	50.0	48.0	
25 Acetonitrile	41	3.185	3.193	-0.008	96	182863	500.0	465.4	a
* 26 TBA-d9 (IS)	65	3.234	3.234	0.000	0	253485	1000.0	1000.0	
27 Methylene Chloride	84	3.259	3.259	0.000	96	128235	50.0	48.7	
28 2-Methyl-2-propanol	59	3.300	3.300	0.000	98	115390	500.0	442.2	
29 Methyl tert-butyl ether	73	3.407	3.415	-0.009	97	341841	50.0	50.9	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	98	108799	50.0	49.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.497	3.497	0.000	93	475313	500.0	506.2	
32 Hexane	43	3.579	3.579	0.000	93	110282	50.0	53.3	
33 Isopropyl ether	45	3.793	3.793	0.000	98	385245	50.0	50.4	
34 1,1-Dichloroethane	63	3.817	3.817	0.000	100	203709	50.0	48.7	
35 Vinyl acetate	86	3.834	3.834	0.000	100	50571	100.0	95.1	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	94	97674	50.0	48.3	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	89	364762	50.0	49.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	248290	250.0	250.0	
39 2,2-Dichloropropane	97	4.319	4.327	-0.008	93	41538	50.0	47.8	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	94	118389	50.0	49.0	
41 2-Butanone (MEK)	72	4.343	4.343	0.000	97	66673	250.0	238.1	
42 Ethyl acetate	70	4.351	4.351	0.000	95	24277	100.0	92.9	
43 Methyl acrylate	55	4.401	4.401	0.000	100	99184	50.0	47.3	
44 Propionitrile	54	4.483	4.483	0.000	98	178286	500.0	469.0	
46 Tetrahydrofuran	72	4.557	4.557	0.000	67	30922	100.0	97.6	
45 Chlorobromomethane	128	4.557	4.557	0.000	87	57331	50.0	47.5	
47 Methacrylonitrile	67	4.582	4.581	0.001	94	488001	500.0	494.2	
48 Chloroform	83	4.606	4.606	0.000	97	189226	50.0	48.6	
49 Cyclohexane	84	4.746	4.746	0.000	93	193777	50.0	52.2	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	97	97961	50.0	50.5	
50 1,1,1-Trichloroethane	97	4.754	4.762	-0.008	98	183103	50.0	49.6	
52 Carbon tetrachloride	117	4.877	4.877	0.000	96	152845	50.0	49.1	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	94	142194	50.0	48.5	
54 Isobutyl alcohol	43	5.009	5.009	0.000	97	126266	1250.0	1110.6	
55 Benzene	78	5.099	5.099	0.000	97	413204	50.0	48.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.107	5.107	0.000	0	125645	50.0	49.0	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	362712	50.0	49.5	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	91	347715	50.0	50.4	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	97	150870	50.0	47.3	
60 n-Heptane	57	5.247	5.247	0.000	93	87903	50.0	51.0	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	371795	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	89	83266	1250.0	1189.2	
63 Trichloroethene	95	5.732	5.732	0.000	97	98228	50.0	46.0	
65 Ethyl acrylate	55	5.855	5.855	0.000	99	305475	50.0	49.1	
64 Methylcyclohexane	83	5.863	5.863	0.000	85	206159	50.0	49.1	
66 1,2-Dichloropropane	63	6.019	6.019	0.000	88	103150	50.0	47.9	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	19791	1000.0	1000.0	M
68 Methyl methacrylate	100	6.102	6.102	0.000	91	60189	100.0	95.1	
69 1,4-Dioxane	88	6.135	6.126	0.008	85	24952	1000.0	997.1	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	163140	50.0	46.3	
71 Dibromomethane	93	6.151	6.151	0.000	96	63773	50.0	48.0	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	129615	50.0	46.1	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	66	64827	50.1	47.5	
73 2-Nitropropane	41	6.636	6.636	0.000	84	75208	100.0	105.0	
75 Epichlorohydrin	57	6.743	6.742	0.001	99	229144	1000.0	1060.1	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	97	163209	50.0	47.7	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	98	611964	250.0	257.4	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	99	356978	50.0	49.0	
79 Toluene	91	7.129	7.120	0.009	94	425371	50.0	47.2	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	97	157353	50.0	49.1	
81 Ethyl methacrylate	69	7.507	7.498	0.009	92	146101	50.0	48.1	
82 1,1,2-Trichloroethane	83	7.679	7.687	-0.008	93	73480	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.729	7.729	0.000	97	104869	50.0	47.6	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	96	153938	50.0	49.2	
85 2-Hexanone	43	7.959	7.959	0.000	97	399867	250.0	251.9	
86 n-Butyl acetate	43	8.074	8.074	0.000	98	186340	50.0	48.5	
87 Chlorodibromomethane	129	8.123	8.123	0.000	98	96118	50.0	46.4	
88 Ethylene Dibromide	107	8.279	8.287	-0.008	99	92216	50.0	48.1	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	87	276547	50.0	50.0	
90 Chlorobenzene	112	8.871	8.862	0.009	93	270432	50.0	46.9	
91 Ethylbenzene	106	8.978	8.969	0.009	99	152182	50.0	48.4	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	92	108990	50.0	47.2	
93 m-Xylene & p-Xylene	106	9.134	9.125	0.009	0	187635	50.0	48.3	
94 n-Butyl acrylate	73	9.561	9.553	0.008	97	95449	50.0	49.9	
95 o-Xylene	106	9.569	9.569	0.000	93	193638	50.0	47.7	
96 Styrene	104	9.602	9.602	0.000	94	321487	50.0	48.4	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	258395	50.0	47.4	
98 Bromoform	173	9.791	9.799	-0.008	96	75555	50.0	49.6	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	518281	50.0	48.6	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	94	126275	50.0	51.1	
101 Bromobenzene	156	10.210	10.210	0.000	96	129109	50.0	48.2	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	129559	50.0	46.2	
103 N-Propylbenzene	91	10.268	10.268	0.000	99	644459	50.0	47.7	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	40175	50.0	43.8	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	81	46684	50.0	50.2	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	436092	50.0	47.0	
107 4-Ethyltoluene	105	10.366	10.366	0.000	97	542405	50.0	48.3	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	94	471944	50.0	48.7	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	398399	50.0	47.8	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	184247	50.0	50.1	
111 tert-Butylbenzene	119	10.654	10.654	0.000	94	372062	50.0	47.6	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	493199	50.0	48.3	
113 sec-Butylbenzene	105	10.810	10.810	0.000	99	607700	50.0	48.4	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	71	272312	50.0	49.1	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	543086	50.0	49.1	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	176665	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	94	281921	50.0	49.4	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	98	537382	50.0	50.4	
118 Benzyl chloride	91	11.081	11.081	0.000	98	338291	50.0	49.0	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	520729	50.0	50.2	
120 p-Diethylbenzene	119	11.163	11.163	0.000	95	316434	50.0	50.2	
121 n-Butylbenzene	92	11.180	11.180	0.000	96	303852	50.0	50.9	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	292748	50.0	51.2	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	556657	50.0	49.3	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	95	34697	50.0	47.9	
125 1,3,5-Trichlorobenzene	180	11.804	11.804	0.000	97	240626	50.0	49.6	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	94	219697	50.0	49.5	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	96	98646	50.0	49.1	
128 Naphthalene	128	12.371	12.371	0.000	99	505631	50.0	50.9	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	95	195716	50.0	49.8	
S 130 1,2-Dichloroethene, Total	100				0		100.0	98.0	
S 131 Xylenes, Total	100				0		100.0	96.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00343	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00108	Amount Added: 50.00	Units: uL	
ACROLEIN W_00099	Amount Added: 10.00	Units: uL	
524freon_00015	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00030	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89089.D

Injection Date: 29-Nov-2019 23:55:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

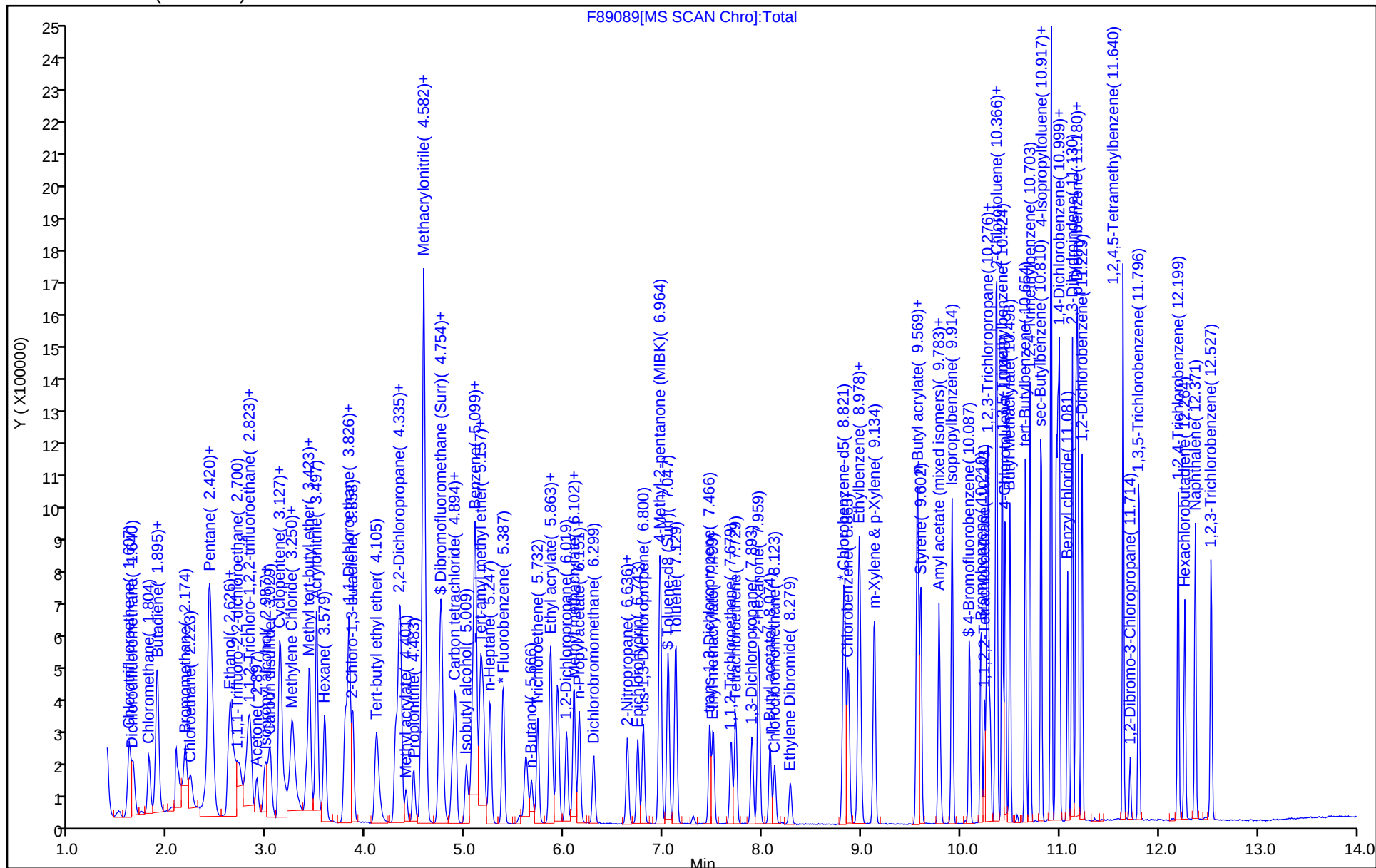
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89089.D

Injection Date: 29-Nov-2019 23:55:30

Instrument ID: CVOAMS6

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

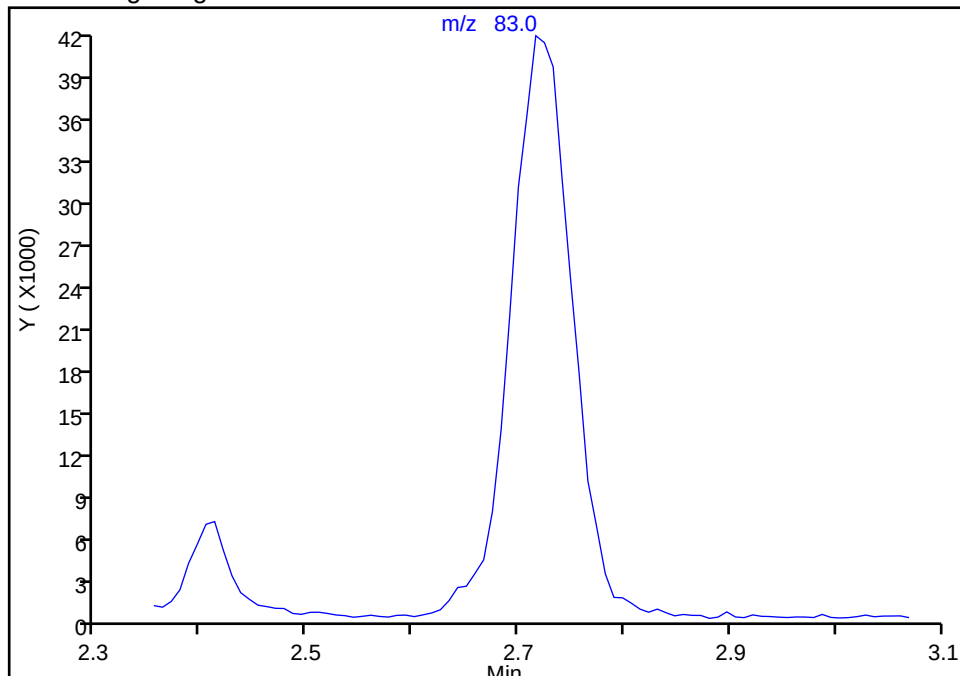
164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

Not Detected

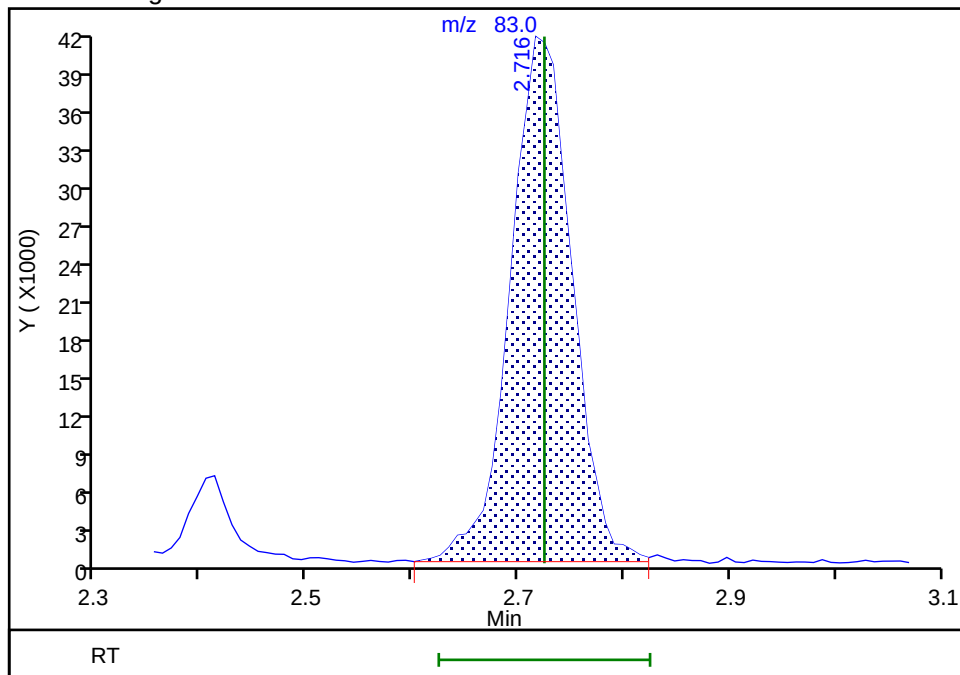
Expected RT: 2.72

Processing Integration Results



RT: 2.72
Area: 165999
Amount: 50.621634
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Nov-2019 00:29:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89089.D

Injection Date: 29-Nov-2019 23:55:30

Instrument ID: CVOAMS6

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

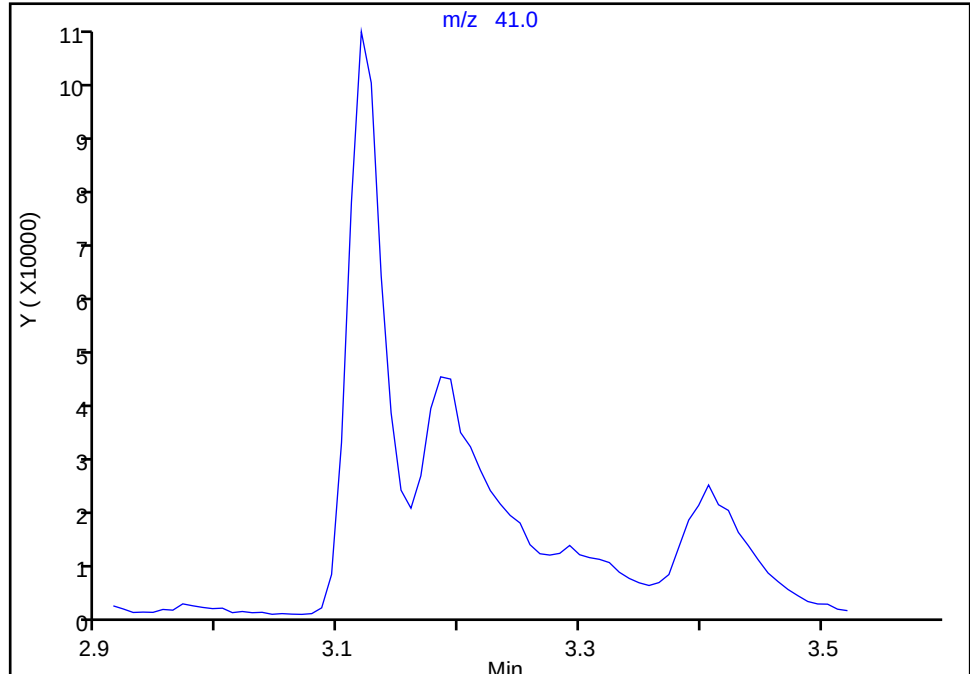
25 Acetonitrile, CAS: 75-05-8

Signal: 1

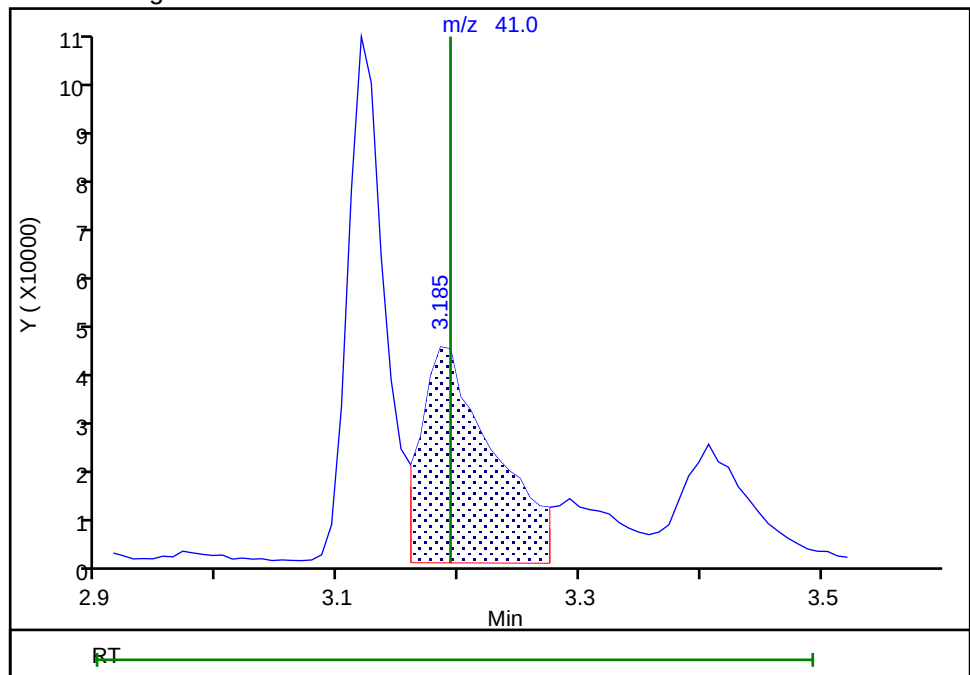
Not Detected

Expected RT: 3.19

Processing Integration Results



Manual Integration Results



Reviewer: boykink, 30-Nov-2019 00:29:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89089.D

Injection Date: 29-Nov-2019 23:55:30

Instrument ID: CVOAMS6

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

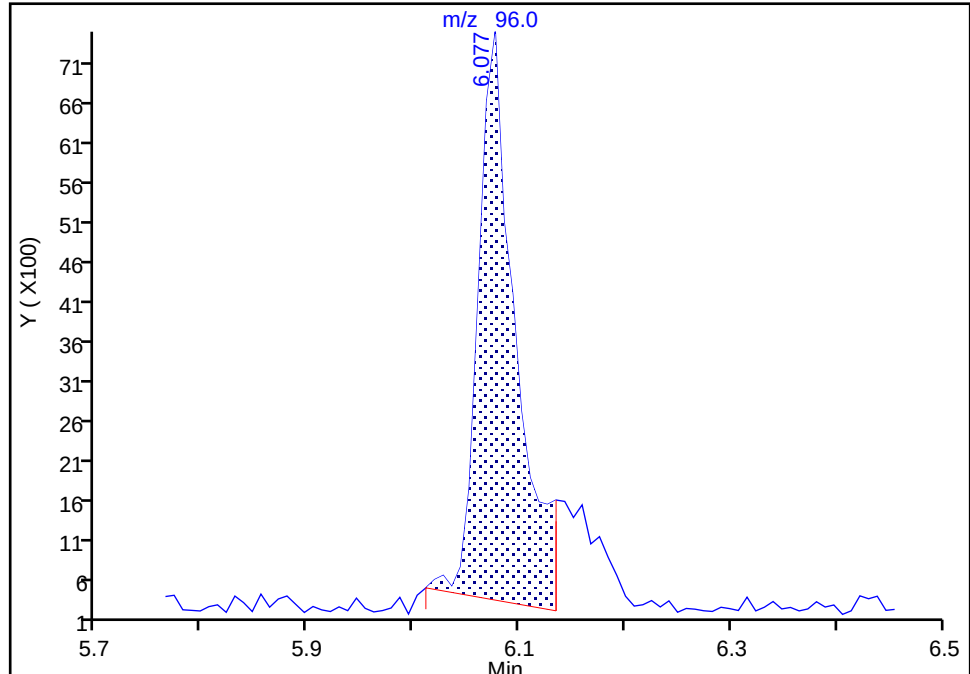
MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

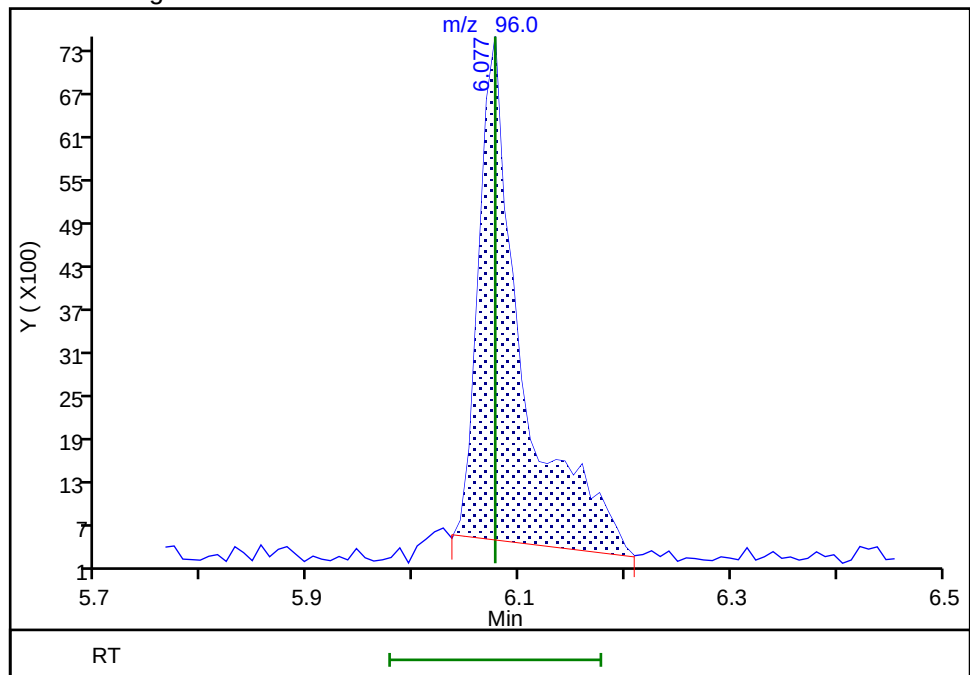
RT: 6.08
Area: 17879
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.08
Area: 19791
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:25:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89090.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 30-Nov-2019 00:19:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0102046-008
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Dec-2019 11:34:41 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: boykink

Date: 30-Nov-2019 00:57:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.607	1.607	0.000	87	216043	200.0	193.4	
2 Dichlorodifluoromethane	85	1.640	1.640	0.000	100	833907	200.0	184.6	
3 Chloromethane	50	1.820	1.804	0.016	100	894163	200.0	172.3	
4 Vinyl chloride	62	1.903	1.895	0.008	99	897316	200.0	183.9	
5 Butadiene	54	1.903	1.895	0.008	98	783821	200.0	168.3	
6 Bromomethane	94	2.190	2.174	0.016	98	529831	200.0	158.2	
7 Chloroethane	64	2.240	2.231	0.009	100	505175	200.0	164.8	
8 Dichlorofluoromethane	67	2.420	2.412	0.008	99	1246570	200.0	153.4	
10 Pentane	72	2.453	2.420	0.033	96	234536	400.0	402.6	
9 Trichlorofluoromethane	101	2.437	2.429	0.008	99	1043092	200.0	178.7	
12 Ethyl ether	59	2.617	2.609	0.008	94	396784	200.0	177.2	
11 Ethanol	46	2.617	2.618	-0.001	77	99888	8000.0	6924.9	
13 2-Methyl-1,3-butadiene	53	2.642	2.634	0.008	99	514677	200.0	189.7	
164 1,1,1-Trifluoro-2,2-dichlo	83	2.733	2.724	0.009	91	759023	200.0	188.1	a
15 Acrolein	56	2.790	2.782	0.008	94	80491	200.0	193.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.806	2.798	0.008	98	506236	200.0	170.0	
17 1,1-Dichloroethene	96	2.848	2.831	0.017	97	484028	200.0	172.6	
18 Acetone	43	2.905	2.897	0.008	85	904602	1000.0	853.7	
19 Iodomethane	142	2.995	2.979	0.016	98	893273	200.0	170.0	
20 Isopropyl alcohol	45	2.995	2.979	0.016	35	305156	2000.0	1740.2	
21 Carbon disulfide	76	3.037	3.028	0.009	100	1812570	200.0	168.8	
22 3-Chloro-1-propene	41	3.135	3.119	0.016	94	1061303	200.0	187.8	a
24 Methyl acetate	43	3.143	3.127	0.016	100	881416	400.0	367.8	
23 Cyclopentene	67	3.152	3.143	0.009	93	1339754	200.0	190.3	
25 Acetonitrile	41	3.201	3.193	0.008	96	971388	2000.0	2233.4	a
* 26 TBA-d9 (IS)	65	3.258	3.234	0.024	0	280578	1000.0	1000.0	
27 Methylene Chloride	84	3.267	3.259	0.008	96	570476	200.0	176.1	
28 2-Methyl-2-propanol	59	3.316	3.300	0.016	95	488283	2000.0	1690.6	a
29 Methyl tert-butyl ether	73	3.423	3.415	0.008	97	1509337	200.0	182.7	
30 trans-1,2-Dichloroethene	96	3.439	3.431	0.008	98	499792	200.0	183.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.513	3.497	0.016	94	2334588	2000.0	2020.2	
32 Hexane	43	3.587	3.579	0.008	93	469504	200.0	186.0	
33 Isopropyl ether	45	3.801	3.793	0.008	94	1804977	200.0	191.8	
34 1,1-Dichloroethane	63	3.825	3.817	0.008	100	950643	200.0	184.5	
35 Vinyl acetate	86	3.842	3.834	0.008	100	247736	400.0	378.4	
36 2-Chloro-1,3-butadiene	88	3.875	3.867	0.008	94	486893	200.0	195.8	
37 Tert-butyl ethyl ether	59	4.113	4.105	0.008	89	1677758	200.0	183.1	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	322784	250.0	250.0	
39 2,2-Dichloropropane	97	4.335	4.327	0.008	95	181484	200.0	169.7	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	93	561527	200.0	188.8	
41 2-Butanone (MEK)	72	4.359	4.343	0.016	96	324829	1000.0	892.2	
42 Ethyl acetate	70	4.359	4.351	0.008	95	121626	400.0	357.9	
43 Methyl acrylate	55	4.409	4.401	0.008	99	475730	200.0	195.9	
44 Propionitrile	54	4.491	4.483	0.008	98	900933	2000.0	2141.3	
46 Tetrahydrofuran	72	4.565	4.557	0.008	82	152012	400.0	396.8	
45 Chlorobromomethane	128	4.565	4.557	0.008	96	268170	200.0	180.4	
47 Methacrylonitrile	67	4.590	4.581	0.009	95	2532012	2000.0	2083.4	
48 Chloroform	83	4.614	4.606	0.008	97	934229	200.0	195.0	
49 Cyclohexane	84	4.754	4.746	0.008	94	850091	200.0	186.0	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	44	117917	50.0	49.4	
50 1,1,1-Trichloroethane	97	4.770	4.762	0.008	98	845904	200.0	186.1	
52 Carbon tetrachloride	117	4.885	4.877	0.008	96	707828	200.0	184.6	
53 1,1-Dichloropropene	75	4.910	4.902	0.008	94	684045	200.0	189.5	
54 Isobutyl alcohol	43	5.017	5.009	0.008	98	583131	5000.0	4634.0	
55 Benzene	78	5.107	5.099	0.008	98	2088695	200.0	209.3	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.107	0.008	0	167597	50.0	53.1	
57 Isopropyl acetate	43	5.157	5.157	-0.001	96	1839960	200.0	203.9	
58 Tert-amyl methyl ether	73	5.173	5.165	0.008	92	1643469	200.0	193.7	
59 1,2-Dichloroethane	62	5.198	5.190	0.008	97	750673	200.0	191.2	
60 n-Heptane	57	5.255	5.247	0.008	93	402971	200.0	191.6	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	457568	50.0	50.0	
62 n-Butanol	56	5.682	5.674	0.008	88	363813	5000.0	4694.2	
63 Trichloroethene	95	5.740	5.732	0.008	97	484155	200.0	184.1	
65 Ethyl acrylate	55	5.863	5.855	0.008	99	1391908	200.0	181.8	
64 Methylcyclohexane	83	5.871	5.863	0.008	88	948795	200.0	183.4	
66 1,2-Dichloropropane	63	6.027	6.019	0.008	86	509713	200.0	192.2	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	23874	1000.0	1000.0	M
68 Methyl methacrylate	100	6.101	6.102	-0.001	91	291281	400.0	374.0	
69 1,4-Dioxane	88	6.134	6.126	0.008	87	90678	4000.0	3003.9	
70 n-Propyl acetate	43	6.159	6.151	0.008	99	774712	200.0	178.6	
71 Dibromomethane	93	6.151	6.151	0.000	97	321839	200.0	196.8	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	662364	200.0	191.5	
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	65	294521	200.5	175.2	
73 2-Nitropropane	41	6.644	6.636	0.008	84	354129	400.0	396.9	
75 Epichlorohydrin	57	6.751	6.742	0.009	99	1052466	4000.0	3756.1	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	97	816692	200.0	206.1	
77 4-Methyl-2-pentanone (MIBK	43	6.972	6.964	0.008	98	3034817	1000.0	982.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	99	447513	50.0	53.0	
79 Toluene	91	7.129	7.120	0.009	93	2122559	200.0	203.2	
80 trans-1,3-Dichloropropene	75	7.474	7.466	0.008	96	697921	200.0	187.9	
81 Ethyl methacrylate	69	7.507	7.498	0.009	91	693443	200.0	196.9	
82 1,1,2-Trichloroethane	83	7.687	7.687	0.000	94	337937	200.0	201.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.729	0.008	97	508585	200.0	199.4	
84 1,3-Dichloropropane	76	7.901	7.893	0.008	95	696519	200.0	192.3	
85 2-Hexanone	43	7.967	7.959	0.008	97	1782696	1000.0	863.9	
86 n-Butyl acetate	43	8.082	8.074	0.008	98	861557	200.0	193.5	
87 Chlorodibromomethane	129	8.123	8.123	0.000	98	465983	200.0	194.3	
88 Ethylene Dibromide	107	8.287	8.287	0.000	98	402130	200.0	181.2	
* 89 Chlorobenzene-d5	117	8.829	8.830	-0.001	88	320385	50.0	50.0	
90 Chlorobenzene	112	8.871	8.862	0.009	93	1302423	200.0	195.0	
91 Ethylbenzene	106	8.977	8.969	0.008	99	740288	200.0	203.4	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	95	534460	200.0	199.7	
93 m-Xylene & p-Xylene	106	9.133	9.125	0.008	0	912659	200.0	202.7	
94 n-Butyl acrylate	73	9.561	9.553	0.008	96	430823	200.0	194.4	
95 o-Xylene	106	9.569	9.569	0.000	92	969744	200.0	206.1	
96 Styrene	104	9.602	9.602	0.000	95	1608949	200.0	209.0	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	1194189	200.0	193.7	
98 Bromoform	173	9.799	9.799	0.000	96	350749	200.0	198.7	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	2658993	200.0	215.1	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	93	139748	50.0	48.8	
101 Bromobenzene	156	10.210	10.210	0.000	96	590640	200.0	194.8	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	617890	200.0	194.7	
103 N-Propylbenzene	91	10.276	10.268	0.008	99	3106078	200.0	203.0	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	96	187148	200.0	180.1	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	82	214027	200.0	203.5	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	2179295	200.0	207.4	
107 4-Ethyltoluene	105	10.366	10.366	0.000	97	2677351	200.0	210.9	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	92	2360926	200.0	215.1	
109 4-Chlorotoluene	91	10.456	10.448	0.008	98	1914331	200.0	203.0	
110 Butyl Methacrylate	87	10.497	10.498	-0.001	94	879476	200.0	211.2	
111 tert-Butylbenzene	119	10.654	10.654	0.000	94	1977036	200.0	223.6	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	2458593	200.0	212.8	
113 sec-Butylbenzene	105	10.818	10.810	0.008	98	3056019	200.0	215.2	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	2690255	200.0	214.8	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	69	1249803	200.0	199.0	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	95	199924	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	94	1270495	200.0	196.8	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	2623062	200.0	217.4	
118 Benzyl chloride	91	11.081	11.081	0.000	98	1546830	200.0	198.0	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	2438439	200.0	207.7	
120 p-Diethylbenzene	119	11.171	11.163	0.008	93	1485782	200.0	208.3	
121 n-Butylbenzene	92	11.188	11.180	0.008	98	1430568	200.0	211.8	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	1318954	200.0	203.8	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	97	2604501	200.0	203.7	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	95	152588	200.0	186.0	
125 1,3,5-Trichlorobenzene	180	11.804	11.804	0.000	97	1110682	200.0	202.2	
126 1,2,4-Trichlorobenzene	180	12.198	12.199	-0.001	94	984903	200.0	196.3	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	95	442127	200.0	194.5	
128 Naphthalene	128	12.371	12.371	0.000	99	2203112	200.0	196.0	
129 1,2,3-Trichlorobenzene	180	12.535	12.527	0.008	95	860661	200.0	193.5	
S 130 1,2-Dichloroethene, Total	100				0		400.0	371.8	
S 131 Xylenes, Total	100				0		400.0	408.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 2 Hi_00091	Amount Added: 20.00	Units: uL	
8FreonHi_00011	Amount Added: 20.00	Units: uL	
ACROLEIN W_00099	Amount Added: 20.00	Units: uL	
GAS Hi_00334	Amount Added: 20.00	Units: uL	
Ethanol mix_00034	Amount Added: 20.00	Units: uL	
MIX I Hi_00119	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00030	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89090.D

Injection Date: 30-Nov-2019 00:19:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

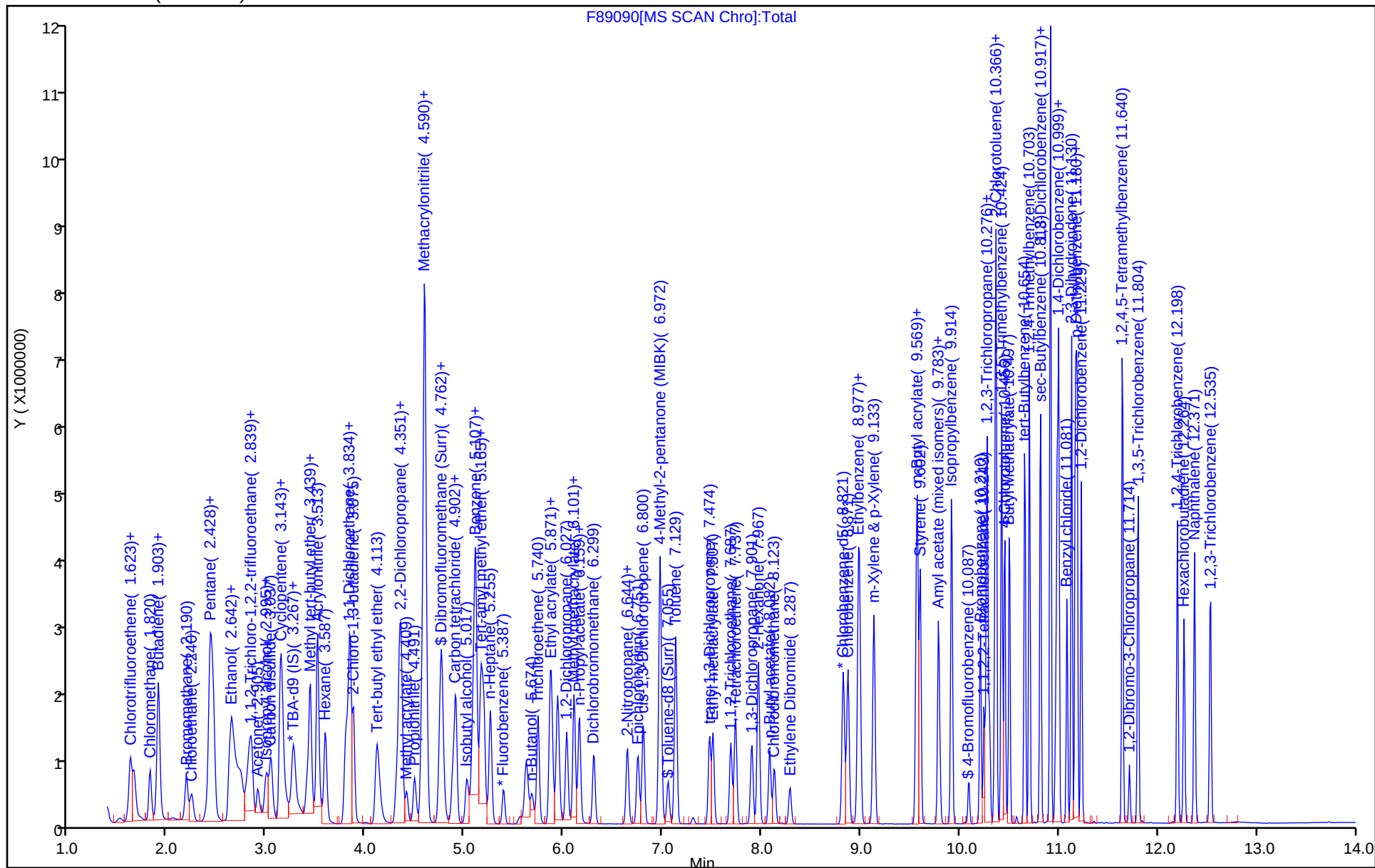
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89090.D

Injection Date: 30-Nov-2019 00:19:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

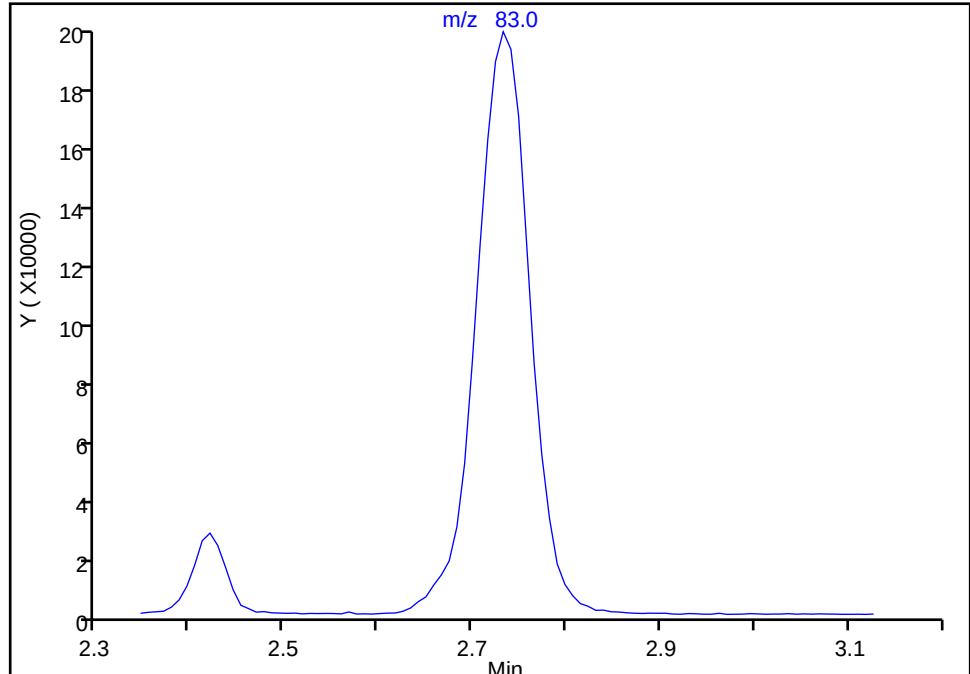
164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

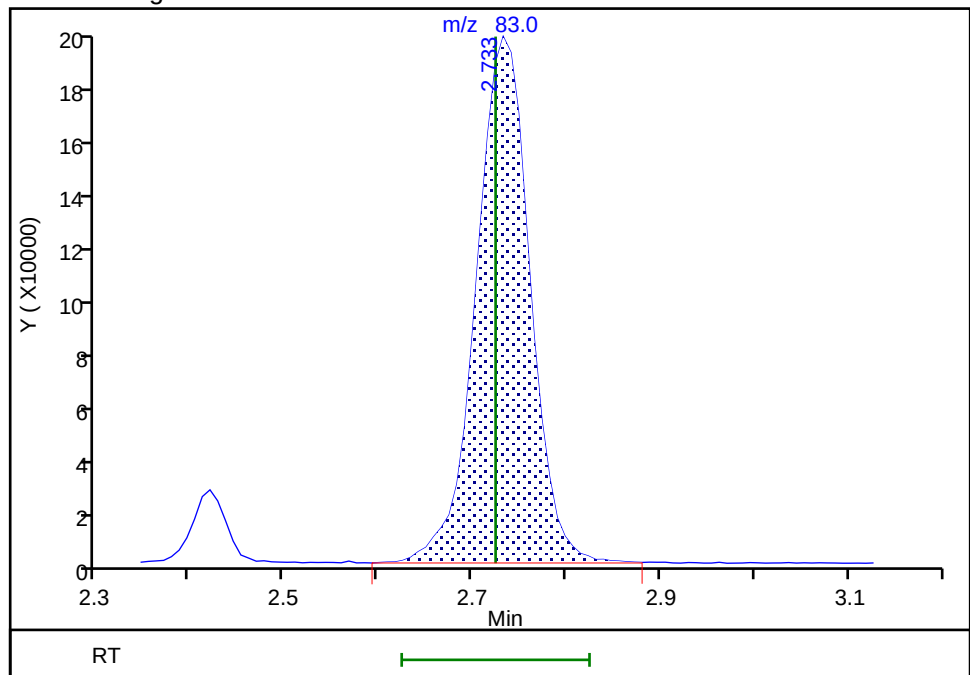
Not Detected

Expected RT: 2.72

Processing Integration Results



Manual Integration Results



RT: 2.73
Area: 759023
Amount: 188.0761
Amount Units: ug/l

Reviewer: boykink, 30-Nov-2019 00:56:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89090.D

Injection Date: 30-Nov-2019 00:19:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

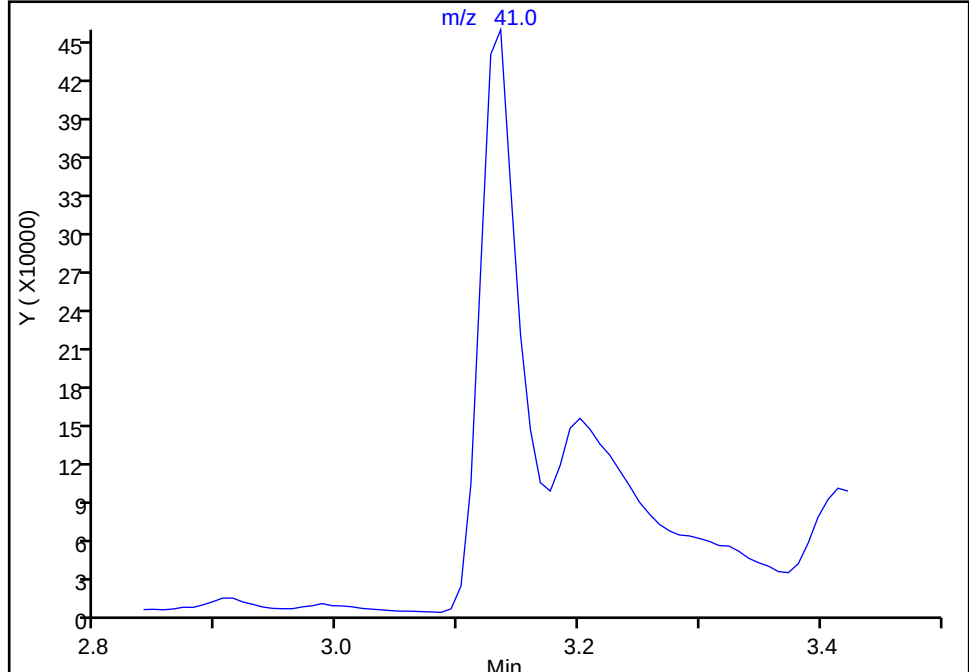
22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

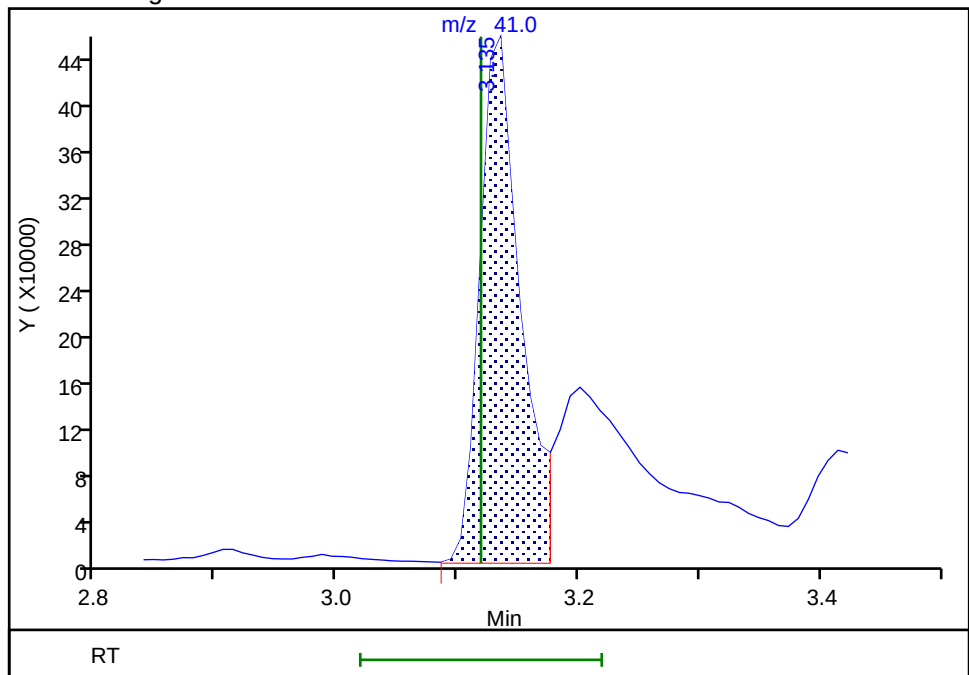
Not Detected

Expected RT: 3.12

Processing Integration Results



Manual Integration Results



Reviewer: boykink, 30-Nov-2019 00:57:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89090.D

Injection Date: 30-Nov-2019 00:19:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

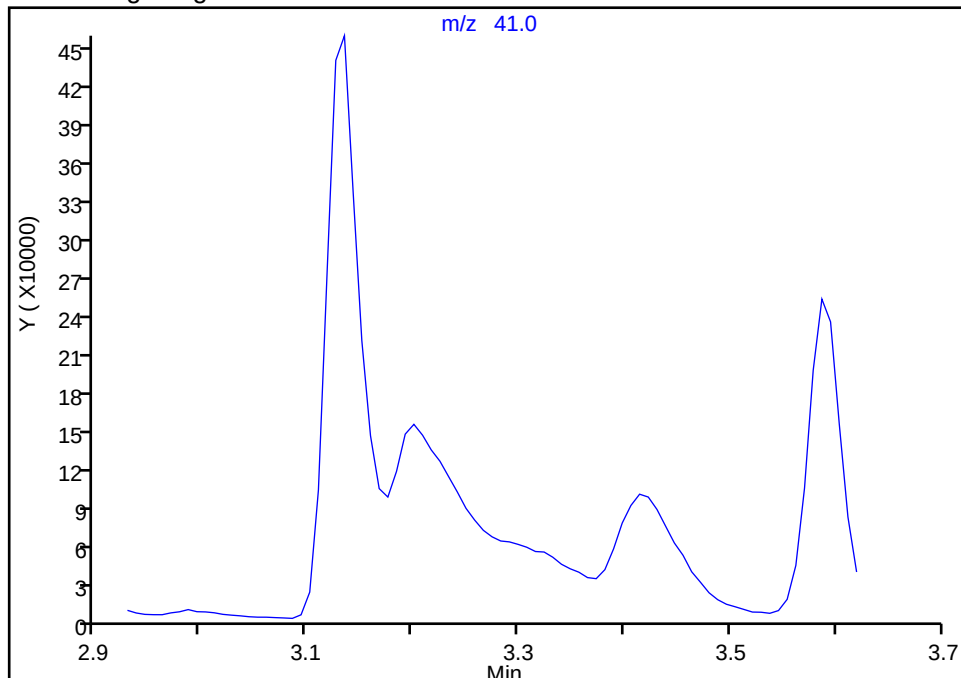
25 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.19

Processing Integration Results



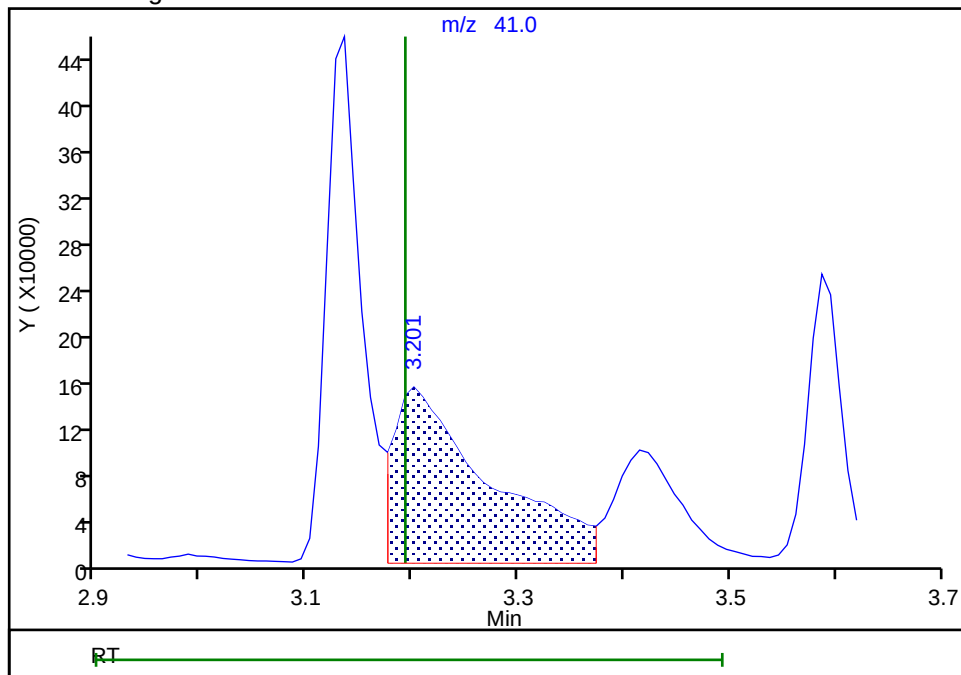
RT: 3.20

Area: 971388

Amount: 2233.4053

Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Nov-2019 00:57:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89090.D

Injection Date: 30-Nov-2019 00:19:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

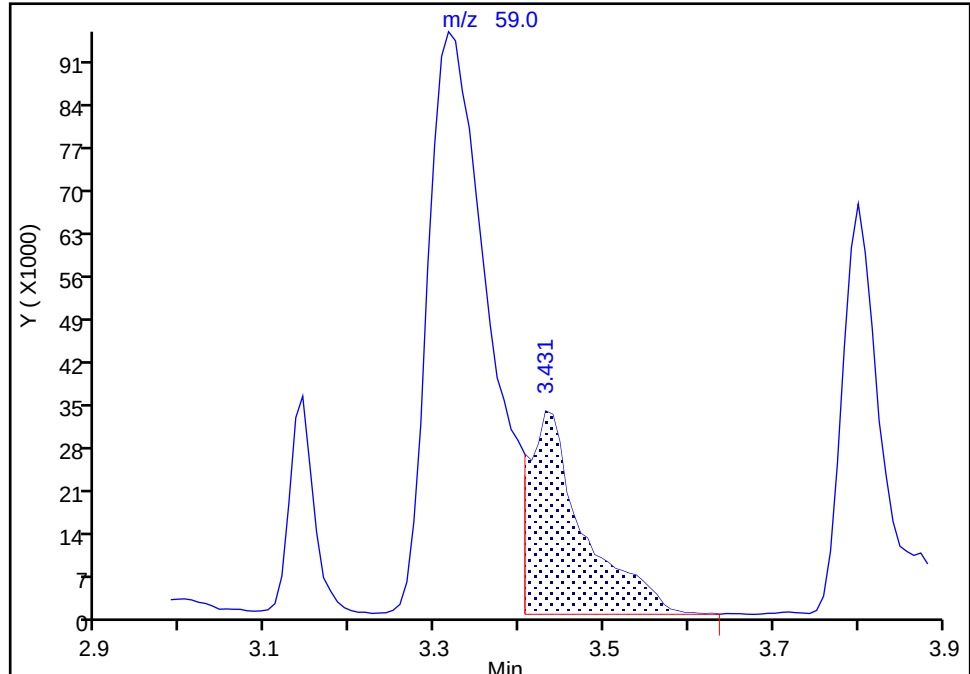
MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

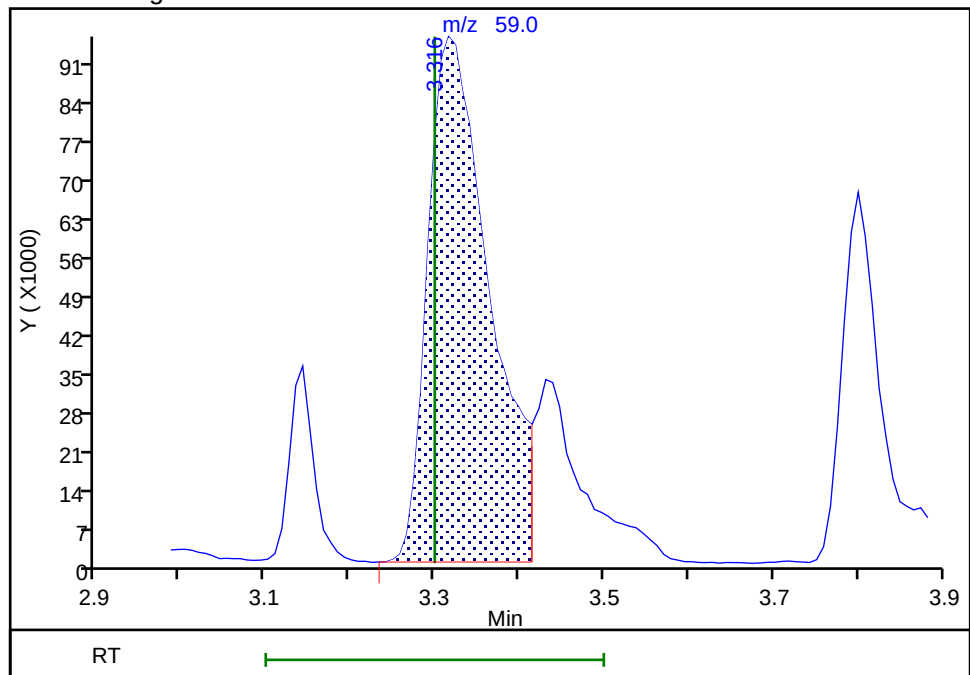
RT: 3.43
Area: 152189
Amount: 642.2049
Amount Units: ug/l

Processing Integration Results



RT: 3.32
Area: 488283
Amount: 1690.6397
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Nov-2019 00:57:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89090.D

Injection Date: 30-Nov-2019 00:19:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

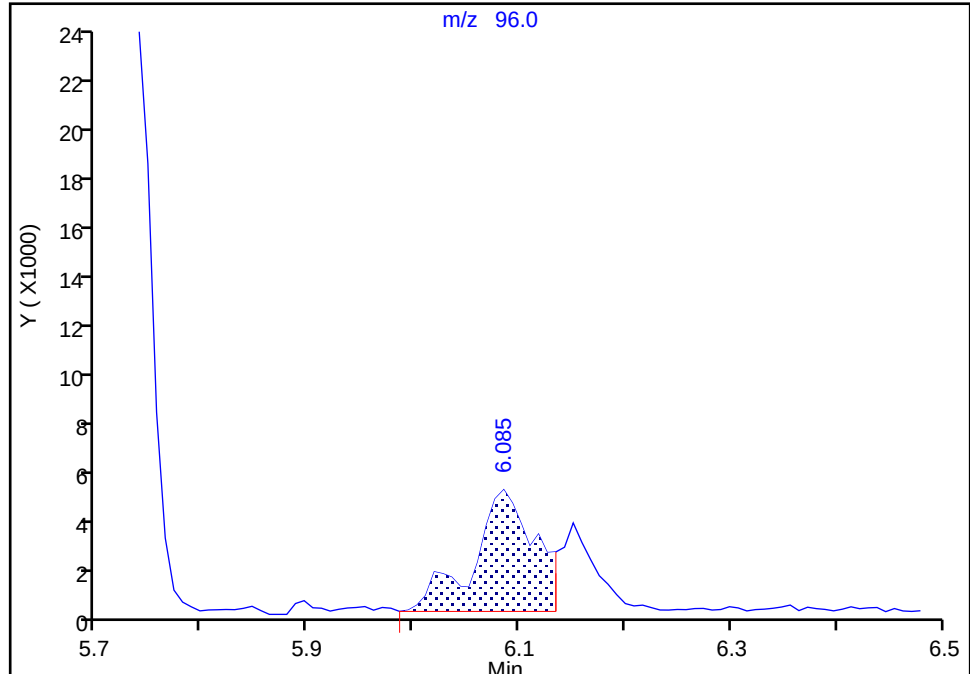
MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

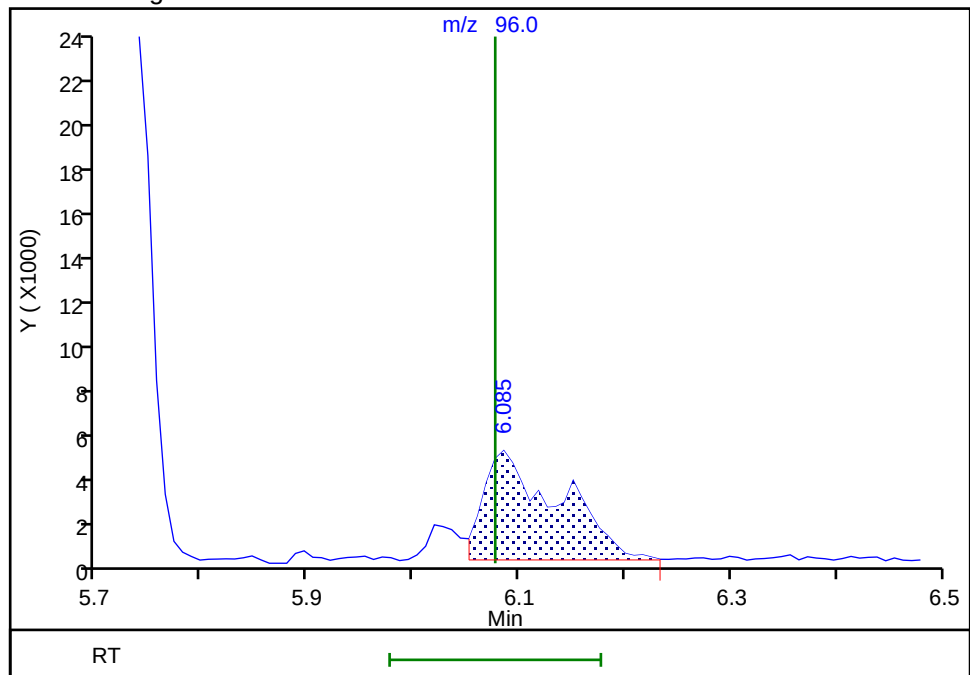
RT: 6.09
Area: 19885
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.09
Area: 23874
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:26:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 30-Nov-2019 00:43:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0102046-009
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Dec-2019 11:34:57 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0337

First Level Reviewer: boykink

Date: 30-Nov-2019 01:21:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.607	1.607	0.000	87	556544	500.0	501.2	
2 Dichlorodifluoromethane	85	1.640	1.640	0.000	100	2119154	500.0	422.0	
3 Chloromethane	50	1.821	1.804	0.017	100	2331982	500.0	404.1	
4 Vinyl chloride	62	1.903	1.895	0.008	99	2330326	500.0	429.4	
5 Butadiene	54	1.903	1.895	0.008	98	2052702	500.0	396.3	
6 Bromomethane	94	2.182	2.174	0.008	98	1081964	500.0	290.5	
7 Chloroethane	64	2.240	2.231	0.009	100	1221039	500.0	358.3	
8 Dichlorofluoromethane	67	2.420	2.412	0.008	99	3126130	500.0	346.0	
10 Pentane	72	2.453	2.420	0.033	96	612448	1000.0	999.4	
9 Trichlorofluoromethane	101	2.437	2.429	0.008	99	2542062	500.0	391.7	
12 Ethyl ether	59	2.618	2.609	0.009	95	1097503	500.0	440.9	
11 Ethanol	46	2.618	2.618	0.000	70	327860	20000	17530	
13 2-Methyl-1,3-butadiene	53	2.642	2.634	0.008	96	1474931	500.0	488.9	
164 1,1,1-Trifluoro-2,2-dichlo	83	2.733	2.724	0.009	93	2142028	500.0	477.3	a
15 Acrolein	56	2.790	2.782	0.008	89	195750	400.0	362.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.815	2.798	0.017	95	1392162	500.0	420.4	
17 1,1-Dichloroethene	96	2.848	2.831	0.017	97	1360507	500.0	436.3	
18 Acetone	43	2.905	2.897	0.008	85	2480701	2500.0	1924.4	
19 Iodomethane	142	2.996	2.979	0.017	99	2447059	500.0	418.8	
20 Isopropyl alcohol	45	2.996	2.979	0.017	34	1130245	5000.0	4970.8	
21 Carbon disulfide	76	3.045	3.028	0.017	100	5103268	500.0	427.5	
22 3-Chloro-1-propene	41	3.135	3.119	0.016	94	2909080	500.0	462.9	
24 Methyl acetate	43	3.144	3.127	0.017	100	2386813	1000.0	895.8	
23 Cyclopentene	67	3.160	3.143	0.017	95	3707199	500.0	473.5	
25 Acetonitrile	41	3.193	3.193	0.000	96	2836068	5000.0	5029.0	a
* 26 TBA-d9 (IS)	65	3.259	3.234	0.025	0	363804	1000.0	1000.0	
27 Methylene Chloride	84	3.275	3.259	0.016	96	1585708	500.0	440.1	
28 2-Methyl-2-propanol	59	3.324	3.300	0.024	93	1795632	5000.0	4794.9	a
29 Methyl tert-butyl ether	73	3.423	3.415	0.008	97	3986421	500.0	434.0	
30 trans-1,2-Dichloroethene	96	3.439	3.431	0.008	98	1354185	500.0	446.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.513	3.497	0.016	93	6271810	5000.0	4880.8	
32 Hexane	43	3.587	3.579	0.008	93	1239276	500.0	442.4	
33 Isopropyl ether	45	3.801	3.793	0.008	95	4772626	500.0	456.0	
34 1,1-Dichloroethane	63	3.834	3.817	0.017	100	2565591	500.0	447.8	
35 Vinyl acetate	86	3.842	3.834	0.008	100	659162	1000.0	905.6	
36 2-Chloro-1,3-butadiene	88	3.875	3.867	0.008	93	1276329	500.0	461.6	
37 Tert-butyl ethyl ether	59	4.113	4.105	0.008	88	4326795	500.0	424.6	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	392656	250.0	250.0	
39 2,2-Dichloropropane	97	4.335	4.327	0.008	95	486937	500.0	409.5	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	93	1478544	500.0	447.1	
41 2-Butanone (MEK)	72	4.360	4.343	0.017	95	895908	2500.0	2022.8	
42 Ethyl acetate	70	4.360	4.351	0.009	95	337948	1000.0	817.4	
43 Methyl acrylate	55	4.417	4.401	0.016	99	1325579	500.0	461.1	
44 Propionitrile	54	4.491	4.483	0.008	98	2469661	5000.0	4527.0	
46 Tetrahydrofuran	72	4.565	4.557	0.008	77	411180	1000.0	1008.0	
45 Chlorobromomethane	128	4.565	4.557	0.008	94	706446	500.0	427.4	
47 Methacrylonitrile	67	4.598	4.581	0.017	94	6691893	5000.0	4952.0	
48 Chloroform	83	4.614	4.606	0.008	97	2425636	500.0	455.4	
49 Cyclohexane	84	4.762	4.746	0.016	94	2315853	500.0	455.7	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	34	132011	50.0	49.7	
50 1,1,1-Trichloroethane	97	4.770	4.762	0.008	98	2321259	500.0	459.2	
52 Carbon tetrachloride	117	4.886	4.877	0.009	96	1948871	500.0	457.1	
53 1,1-Dichloropropene	75	4.910	4.902	0.008	94	1867233	500.0	465.2	
54 Isobutyl alcohol	43	5.025	5.009	0.016	97	1685275	12500	10329	
55 Benzene	78	5.107	5.099	0.008	98	5726461	500.0	484.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	201843	50.0	57.6	
57 Isopropyl acetate	43	5.165	5.157	0.008	96	4783664	500.0	476.8	
58 Tert-amyl methyl ether	73	5.173	5.165	0.008	91	4396391	500.0	466.0	
59 1,2-Dichloroethane	62	5.198	5.190	0.008	97	2062122	500.0	472.3	
60 n-Heptane	57	5.255	5.247	0.008	93	1057399	500.0	452.9	
* 61 Fluorobenzene	96	5.395	5.387	0.008	98	508784	50.0	50.0	
62 n-Butanol	56	5.683	5.674	0.009	90	1132712	12500	11272	
63 Trichloroethene	95	5.740	5.732	0.008	97	1353237	500.0	462.8	
65 Ethyl acrylate	55	5.863	5.855	0.008	99	4097406	500.0	481.3	
64 Methylcyclohexane	83	5.872	5.863	0.009	87	2617991	500.0	455.2	
66 1,2-Dichloropropane	63	6.028	6.019	0.009	88	1407627	500.0	477.4	
* 67 1,4-Dioxane-d8	96	6.093	6.077	0.016	0	37709	1000.0	1000.0	M
68 Methyl methacrylate	100	6.102	6.102	0.000	91	818854	1000.0	945.5	
69 1,4-Dioxane	88	6.143	6.126	0.017	90	282017	10000	5914.8	
70 n-Propyl acetate	43	6.159	6.151	0.008	99	2228314	500.0	461.9	
71 Dibromomethane	93	6.159	6.151	0.008	96	889153	500.0	489.0	
72 Dichlorobromomethane	83	6.307	6.299	0.008	99	1865886	500.0	485.1	
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	66	870218	501.2	465.6	
73 2-Nitropropane	41	6.644	6.636	0.008	83	1016039	1000.0	1000.4	
75 Epichlorohydrin	57	6.751	6.742	0.009	99	3169347	10000	9304.3	
76 cis-1,3-Dichloropropene	75	6.808	6.800	0.008	96	2369939	500.0	505.2	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.964	0.009	98	8392182	2500.0	2232.4	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	99	502949	50.0	50.3	
79 Toluene	91	7.129	7.120	0.009	93	5914339	500.0	478.3	
80 trans-1,3-Dichloropropene	75	7.474	7.466	0.008	97	2049248	500.0	466.1	
81 Ethyl methacrylate	69	7.507	7.498	0.009	91	1968718	500.0	472.3	
82 1,1,2-Trichloroethane	83	7.687	7.687	0.000	94	979346	500.0	492.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.729	0.008	97	1404698	500.0	465.3	
84 1,3-Dichloropropane	76	7.901	7.893	0.008	96	2020756	500.0	471.2	
85 2-Hexanone	43	7.967	7.959	0.008	97	5113482	2500.0	2037.2	
86 n-Butyl acetate	43	8.082	8.074	0.008	98	2428223	500.0	460.6	
87 Chlorodibromomethane	129	8.131	8.123	0.008	98	1336787	500.0	470.7	
88 Ethylene Dibromide	107	8.287	8.287	0.000	98	1152329	500.0	438.6	
* 89 Chlorobenzene-d5	117	8.838	8.830	0.008	89	379305	50.0	50.0	
90 Chlorobenzene	112	8.871	8.862	0.009	92	3697500	500.0	467.5	
91 Ethylbenzene	106	8.978	8.969	0.009	99	2089284	500.0	484.9	
92 1,1,1,2-Tetrachloroethane	131	8.994	8.986	0.008	93	1488684	500.0	469.9	
93 m-Xylene & p-Xylene	106	9.134	9.125	0.009	0	2576144	500.0	483.3	
94 n-Butyl acrylate	73	9.561	9.553	0.008	96	1205756	500.0	459.6	
95 o-Xylene	106	9.577	9.569	0.008	93	2663716	500.0	478.2	
96 Styrene	104	9.602	9.602	0.000	94	4463189	500.0	489.7	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	3326893	500.0	469.0	
98 Bromoform	173	9.799	9.799	0.000	96	990182	500.0	473.8	
99 Isopropylbenzene	105	9.922	9.914	0.008	97	7320036	500.0	500.1	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	89	161408	50.0	47.6	
101 Bromobenzene	156	10.210	10.210	0.000	97	1644473	500.0	471.5	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	1738170	500.0	476.1	
103 N-Propylbenzene	91	10.276	10.268	0.008	99	8701317	500.0	494.2	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	520554	500.0	435.5	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	80	608915	500.0	503.1	
106 2-Chlorotoluene	91	10.358	10.358	0.000	96	6063817	500.0	501.6	
107 4-Ethyltoluene	105	10.366	10.366	0.000	97	7288131	500.0	499.0	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	92	6652018	500.0	526.8	
109 4-Chlorotoluene	91	10.457	10.448	0.009	98	5421011	500.0	499.6	
110 Butyl Methacrylate	87	10.506	10.498	0.008	94	2382600	500.0	497.4	
111 tert-Butylbenzene	119	10.662	10.654	0.008	93	5554667	500.0	546.1	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	6721067	500.0	505.7	
113 sec-Butylbenzene	105	10.818	10.810	0.008	98	8388334	500.0	513.4	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	85	3126515	500.0	432.7	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	7106047	500.0	493.1	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	95	230016	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	94	3367071	500.0	453.3	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	7081470	500.0	510.1	
118 Benzyl chloride	91	11.081	11.081	0.000	98	4266715	500.0	474.6	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	6456998	500.0	478.1	
120 p-Diethylbenzene	119	11.171	11.163	0.008	92	3918827	500.0	477.6	
121 n-Butylbenzene	92	11.188	11.180	0.008	97	3741771	500.0	481.4	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	94	3452598	500.0	463.8	
123 1,2,4,5-Tetramethylbenzene	119	11.648	11.640	0.008	97	6942192	500.0	472.0	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	96	426269	500.0	451.7	
125 1,3,5-Trichlorobenzene	180	11.804	11.804	0.000	97	2869147	500.0	454.0	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	94	2602194	500.0	450.8	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	95	1177170	500.0	450.1	
128 Naphthalene	128	12.371	12.371	0.000	99	6030937	500.0	466.4	
129 1,2,3-Trichlorobenzene	180	12.535	12.527	0.008	96	2320152	500.0	453.5	
S 130 1,2-Dichloroethene, Total	100				0		1000.0	893.1	
S 131 Xylenes, Total	100				0		1000.0	961.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 2 Hi_00091	Amount Added: 50.00	Units: uL	
8FreonHi_00011	Amount Added: 50.00	Units: uL	
ACROLEIN W_00099	Amount Added: 40.00	Units: uL	
GAS Hi_00334	Amount Added: 50.00	Units: uL	
Ethanol mix_00034	Amount Added: 50.00	Units: uL	
MIX I Hi_00119	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00030	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D

Injection Date: 30-Nov-2019 00:43:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

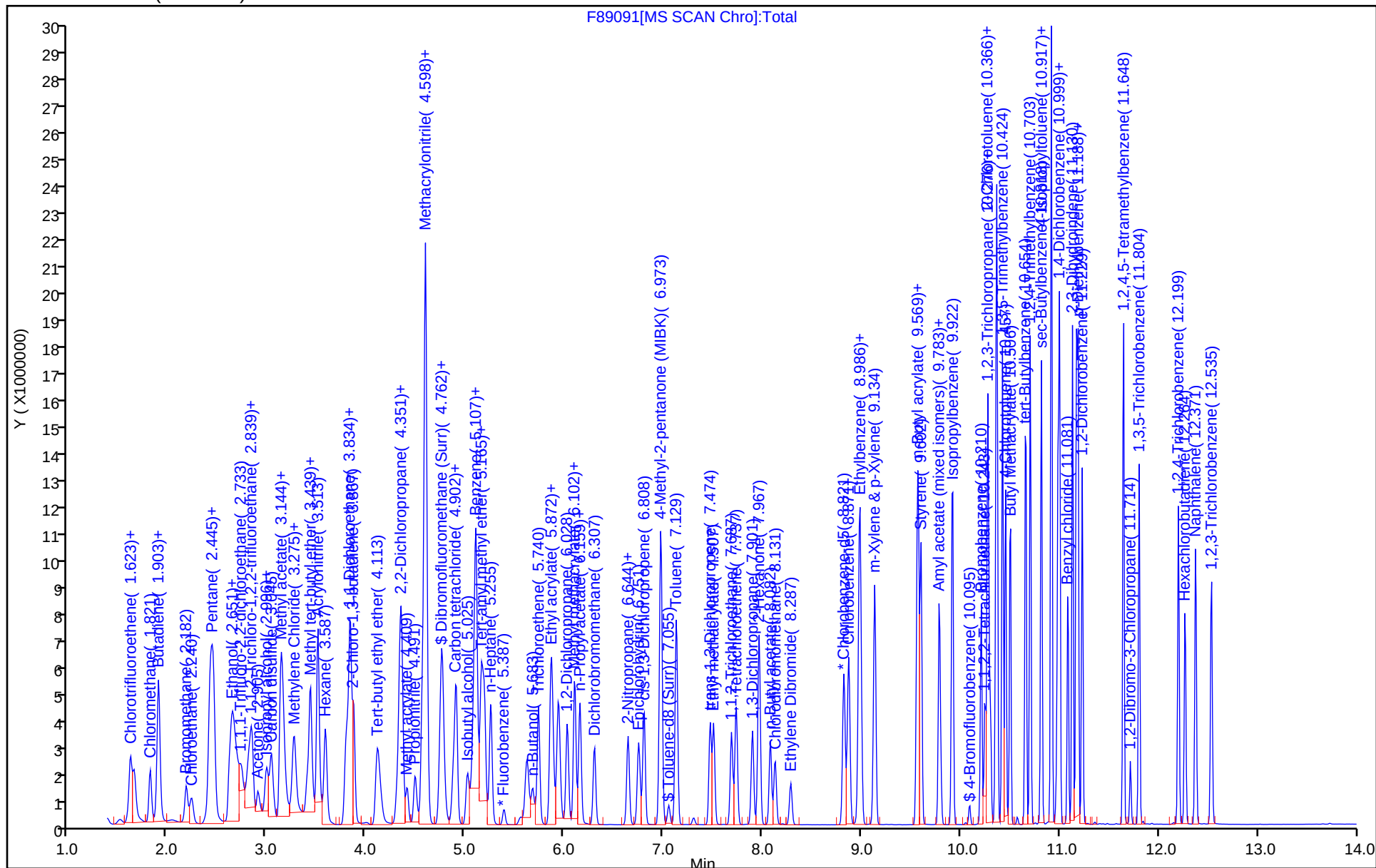
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D

Injection Date: 30-Nov-2019 00:43:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

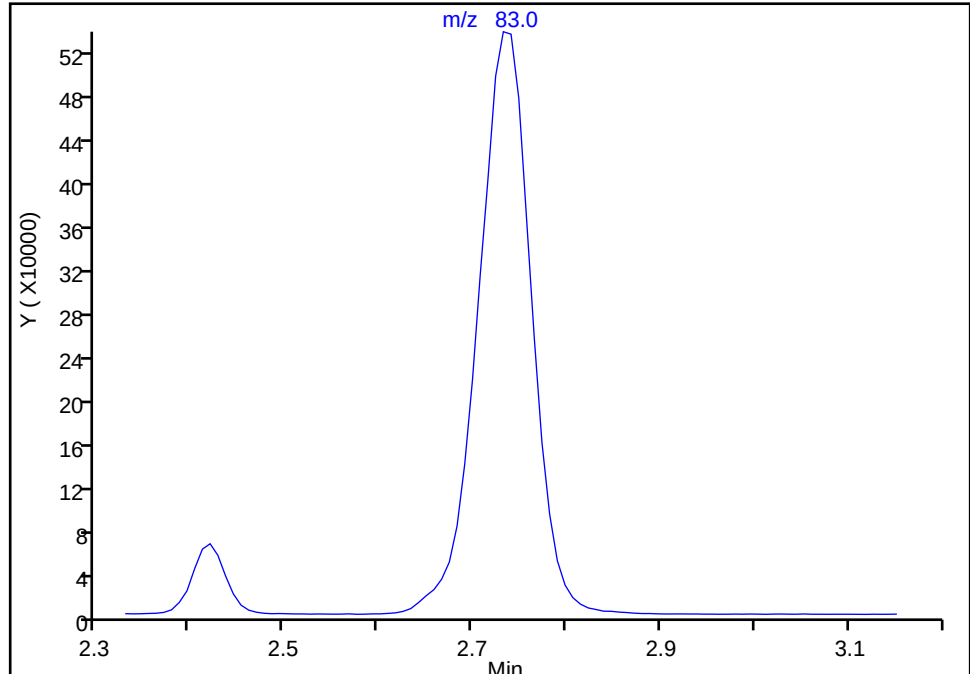
164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

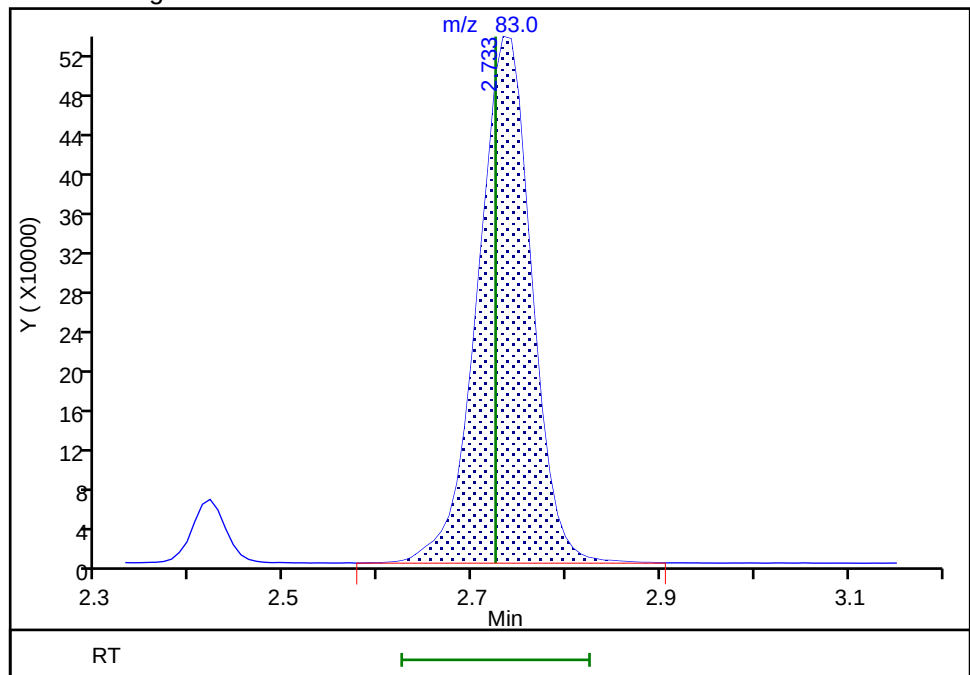
Not Detected

Expected RT: 2.72

Processing Integration Results



Manual Integration Results



RT: 2.73

Area: 2142028

Amount: 477.3379

Amount Units: ug/l

Reviewer: boykink, 30-Nov-2019 01:20:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D

Injection Date: 30-Nov-2019 00:43:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

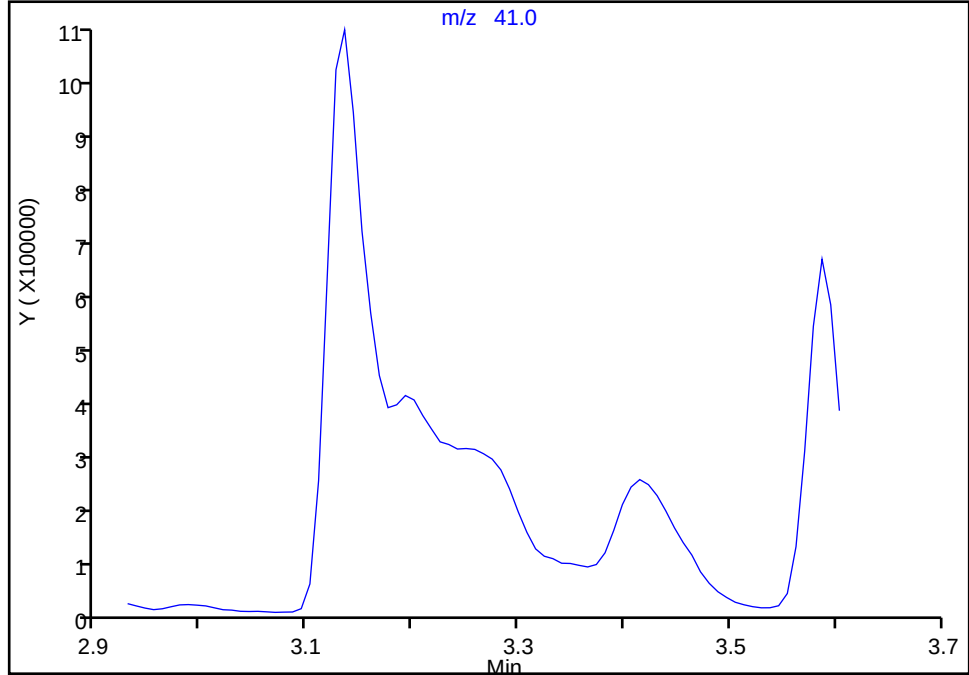
25 Acetonitrile, CAS: 75-05-8

Signal: 1

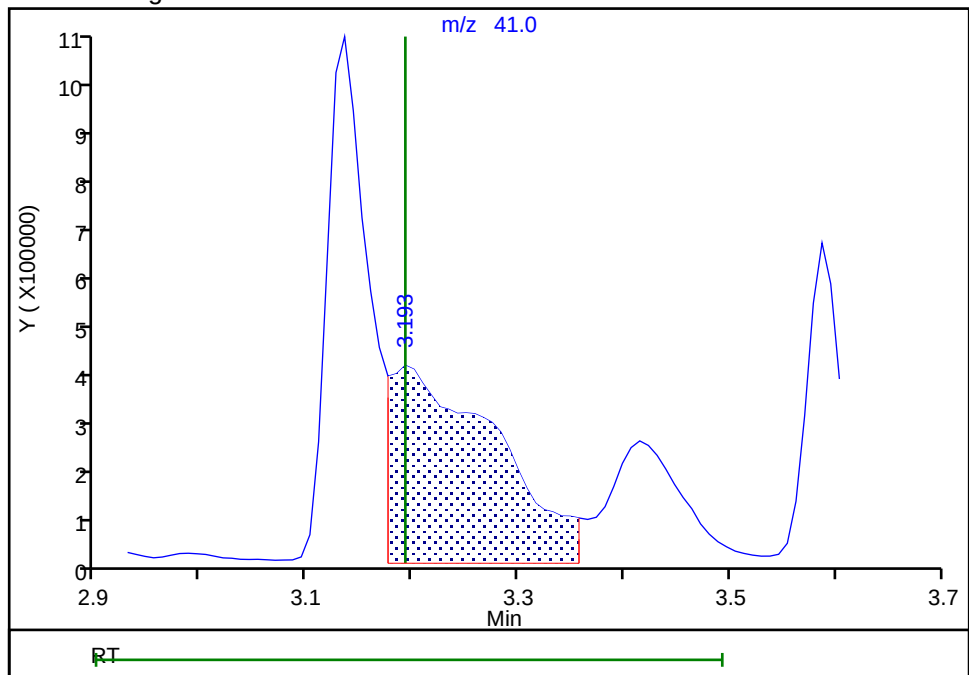
Not Detected

Expected RT: 3.19

Processing Integration Results



Manual Integration Results



Reviewer: boykink, 30-Nov-2019 01:20:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D

Injection Date: 30-Nov-2019 00:43:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

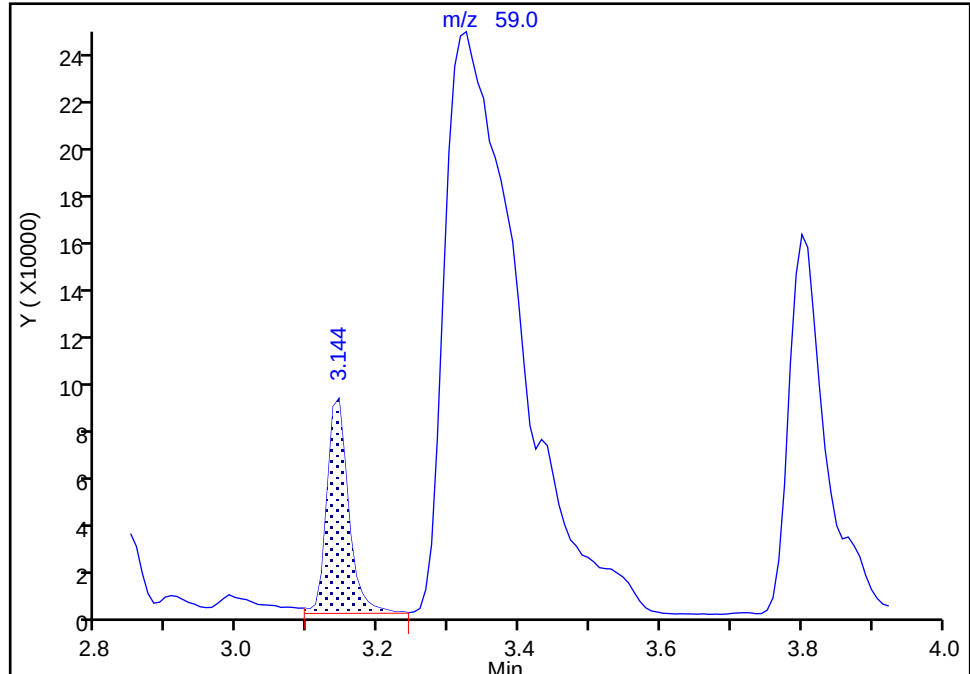
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

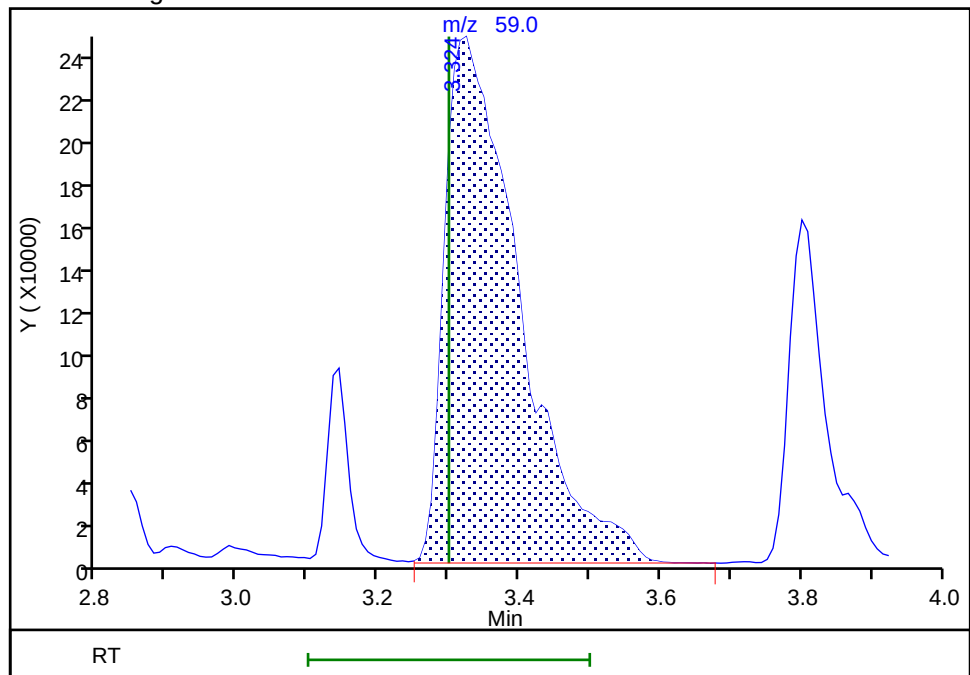
RT: 3.14
Area: 190917
Amount: 457.2092
Amount Units: ug/l

Processing Integration Results



RT: 3.32
Area: 1795632
Amount: 4794.9374
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:27:53

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D

Injection Date: 30-Nov-2019 00:43:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

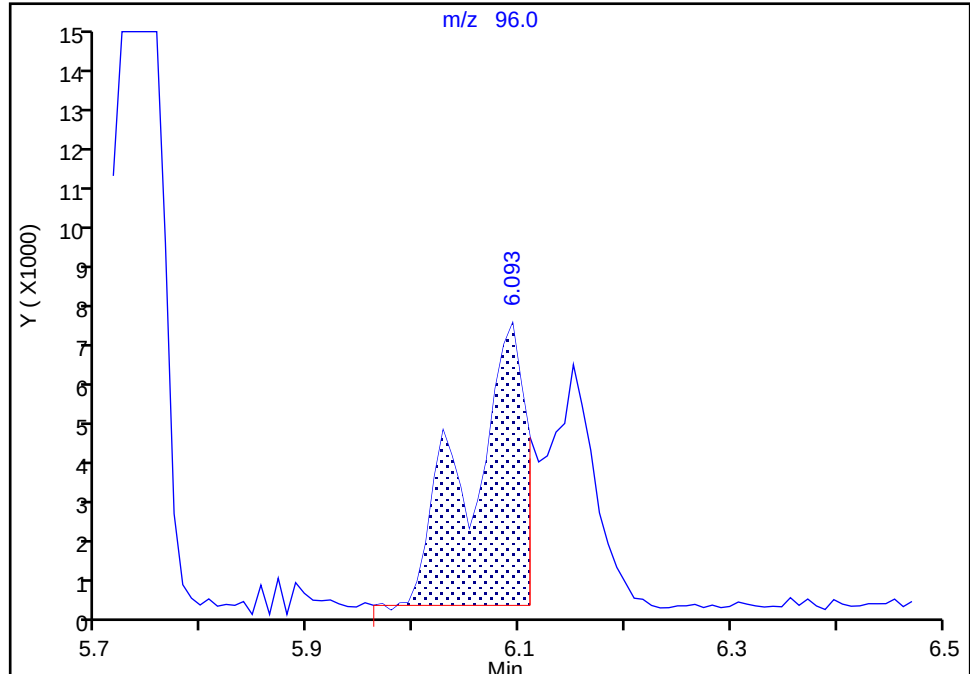
Detector: MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

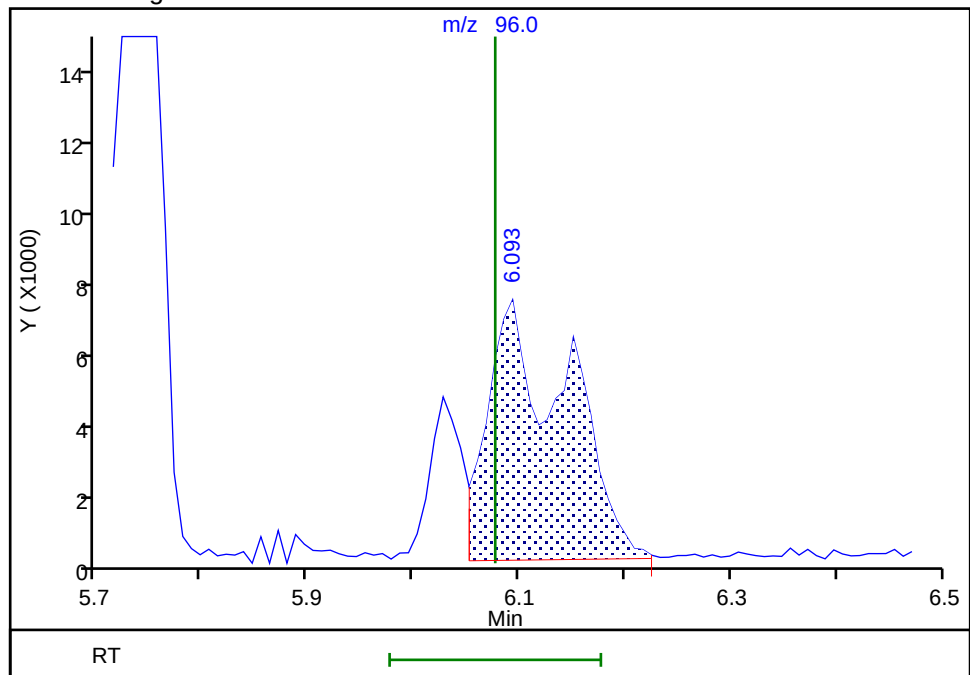
RT: 6.09
Area: 26343
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.09
Area: 37709
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 02-Dec-2019 10:27:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Lab Sample ID: CCVIS 460-662202/3 Calibration Date: 12/13/2019 20:31
Instrument ID: CVOAMS6 Calib Start Date: 08/26/2019 20:50
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/27/2019 00:49
Lab File ID: F89801.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-Dichloro-1,1,2-trifluoro ethane	Ave	0.2707	0.0005			20.0	-99.8*	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89801.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 13-Dec-2019 20:31:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0102759-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 11:20:34 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: yallabg

Date: 13-Dec-2019 22:41:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.632	1.632	0.000	99	63522	20.0	16.5	
3 Chloromethane	50	1.812	1.812	0.000	100	98248	20.0	22.2	
5 Butadiene	54	1.894	1.894	0.000	96	74658	20.0	18.8	
4 Vinyl chloride	62	1.903	1.903	0.000	98	84379	20.0	20.3	
6 Bromomethane	94	2.182	2.182	0.000	98	50118	20.0	17.6	
7 Chloroethane	64	2.231	2.231	0.000	100	49858	20.0	19.1	
8 Dichlorofluoromethane	67	2.412	2.412	0.000	98	121228	20.0	17.5	
9 Trichlorofluoromethane	101	2.429	2.429	0.000	61	89939	20.0	18.1	
10 Pentane	72	2.437	2.437	0.000	97	21194	40.0	45.3	
12 Ethyl ether	59	2.609	2.609	0.000	95	39942	20.0	20.9	
11 Ethanol	46	2.626	2.626	0.000	73	10133	800.0	973.3	
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	99	46101	20.0	19.9	
15 Acrolein	56	2.782	2.782	0.000	94	18310	40.0	60.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	96	53824	20.0	21.2	
17 1,1-Dichloroethene	96	2.839	2.839	0.000	98	47619	20.0	19.9	
18 Acetone	43	2.905	2.905	0.000	85	93331	100.0	107.6	
19 Iodomethane	142	2.987	2.987	0.000	99	84955	20.0	19.0	
20 Isopropyl alcohol	45	2.987	2.987	0.000	38	23388	200.0	184.8	
21 Carbon disulfide	76	3.037	3.037	0.000	100	197370	20.0	21.6	
22 3-Chloro-1-propene	41	3.127	3.127	0.000	92	98184	20.0	20.4	
24 Methyl acetate	43	3.135	3.135	0.000	99	77297	40.0	37.9	
23 Cyclopentene	67	3.152	3.152	0.000	94	121340	20.0	20.2	
14 1,2-Dichloro-1,1,2-trifluo	117	3.160	3.160	0.000	70	83	NC	NC	
25 Acetonitrile	41	3.193	3.193	0.000	96	97695	200.0	311.2	a
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	202501	1000.0	1000.0	
27 Methylene Chloride	84	3.258	3.258	0.000	97	57185	20.0	20.7	
28 2-Methyl-2-propanol	59	3.308	3.308	0.000	95	34092	200.0	163.6	a
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	97	141651	20.0	20.1	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	99	46482	20.0	20.0	
31 Acrylonitrile	53	3.505	3.505	0.000	95	206330	200.0	209.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.587	3.587	0.000	93	49937	20.0	22.7	
33 Isopropyl ether	45	3.793	3.793	0.000	96	169666	20.0	21.2	
34 1,1-Dichloroethane	63	3.825	3.825	0.000	100	90530	20.0	20.6	
35 Vinyl acetate	86	3.834	3.834	0.000	100	17046	40.0	30.6	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	95	41099	20.0	19.4	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	89	154439	20.0	19.8	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	264302	250.0	250.0	
39 2,2-Dichloropropane	97	4.335	4.335	0.000	87	16434	20.0	18.0	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	93	50653	20.0	20.0	
42 Ethyl acetate	70	4.351	4.351	0.000	93	9062	40.0	32.6	
41 2-Butanone (MEK)	72	4.351	4.351	0.000	96	27401	100.0	91.9	
43 Methyl acrylate	55	4.409	4.409	0.000	99	38921	20.0	17.8	
44 Propionitrile	54	4.483	4.483	0.000	98	75263	200.0	247.9	
46 Tetrahydrofuran	72	4.557	4.557	0.000	61	13062	40.0	37.1	
45 Chlorobromomethane	128	4.565	4.565	0.000	91	24122	20.0	19.1	
47 Methacrylonitrile	67	4.581	4.581	0.000	95	197449	200.0	190.8	
48 Chloroform	83	4.606	4.606	0.000	97	81271	20.0	19.9	
49 Cyclohexane	84	4.746	4.746	0.000	96	79477	20.0	20.4	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	68	70449	20.0	18.2	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	101285	50.0	49.8	
52 Carbon tetrachloride	117	4.885	4.885	0.000	94	46618	20.0	14.3	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	93	62398	20.0	20.3	
54 Isobutyl alcohol	43	5.017	5.017	0.000	96	24842	500.0	273.5	
55 Benzene	78	5.099	5.099	0.000	97	184133	20.0	20.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	0	135454	50.0	50.4	
57 Isopropyl acetate	43	5.157	5.157	0.000	95	145537	20.0	18.9	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	92	140266	20.0	19.4	
59 1,2-Dichloroethane	62	5.189	5.189	0.000	95	63957	20.0	19.1	
60 n-Heptane	57	5.255	5.255	0.000	94	41250	20.0	22.5	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	389705	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	97	15250	500.0	272.6	
63 Trichloroethene	95	5.732	5.732	0.000	97	41408	20.0	18.5	
65 Ethyl acrylate	55	5.863	5.863	0.000	97	126079	20.0	19.3	
64 Methylcyclohexane	83	5.863	5.863	0.000	86	88659	20.0	20.1	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	88	46159	20.0	20.4	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	21575	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	92	20654	40.0	31.1	
69 1,4-Dioxane	88	6.134	6.134	0.000	42	10856	400.0	398.0	
71 Dibromomethane	93	6.151	6.151	0.000	87	26553	20.0	19.1	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	61938	20.0	16.8	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	49747	20.0	16.9	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	85	26078	20.0	18.2	
73 2-Nitropropane	41	6.636	6.636	0.000	73	10646	40.0	14.2	
75 Epichlorohydrin	57	6.742	6.742	0.000	100	90813	400.0	392.0	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	97	65807	20.0	18.4	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	99	243869	100.0	96.4	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.046	0.000	98	380836	50.0	50.0	
79 Toluene	91	7.129	7.129	0.000	93	180690	20.0	19.2	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	96	60701	20.0	18.1	
81 Ethyl methacrylate	69	7.507	7.507	0.000	92	49962	20.0	15.7	
82 1,1,2-Trichloroethane	83	7.687	7.687	0.000	94	31467	20.0	20.8	
83 Tetrachloroethene	166	7.728	7.728	0.000	95	41701	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.893	7.893	0.000	97	66052	20.0	20.2	
85 2-Hexanone	43	7.967	7.967	0.000	98	159445	100.0	94.4	
86 n-Butyl acetate	43	8.082	8.082	0.000	99	63933	20.0	15.9	
87 Chlorodibromomethane	129	8.123	8.123	0.000	98	29119	20.0	13.5	
88 Ethylene Dibromide	107	8.279	8.279	0.000	99	35856	20.0	17.9	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	288771	50.0	50.0	
90 Chlorobenzene	112	8.871	8.871	0.000	92	110691	20.0	18.4	
91 Ethylbenzene	106	8.977	8.977	0.000	100	61678	20.0	18.8	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	89	34840	20.0	14.4	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	75540	20.0	18.6	
94 n-Butyl acrylate	73	9.561	9.561	0.000	95	26931	20.0	13.5	
95 o-Xylene	106	9.569	9.569	0.000	93	80300	20.0	18.9	
96 Styrene	104	9.602	9.602	0.000	94	126014	20.0	18.2	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	80914	20.0	14.9	
98 Bromoform	173	9.799	9.799	0.000	95	17476	20.0	11.0	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	209995	20.0	18.8	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	91	121562	50.0	47.1	
101 Bromobenzene	156	10.210	10.210	0.000	97	50667	20.0	19.0	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	97	54399	20.0	19.5	
103 N-Propylbenzene	91	10.268	10.268	0.000	98	270217	20.0	20.1	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	16477	20.0	18.0	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	70	16255	20.0	17.6	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	179581	20.0	19.4	
107 4-Ethyltoluene	105	10.366	10.366	0.000	97	217601	20.0	19.5	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	92	183085	20.0	19.0	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	160209	20.0	19.3	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	54473	20.0	14.9	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	146698	20.0	18.9	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	196507	20.0	19.3	
113 sec-Butylbenzene	105	10.810	10.810	0.000	99	243142	20.0	19.5	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	208590	20.0	18.9	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	73	109250	20.0	19.8	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	175898	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	95	110209	20.0	19.4	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	209282	20.0	19.7	
118 Benzyl chloride	91	11.081	11.081	0.000	98	88958	20.0	12.9	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	93	208037	20.0	20.1	
120 p-Diethylbenzene	119	11.163	11.163	0.000	92	123723	20.0	19.7	
121 n-Butylbenzene	92	11.180	11.180	0.000	97	122292	20.0	20.6	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	115407	20.0	20.3	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	209813	20.0	18.7	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	10290	20.0	14.3	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	93363	20.0	19.3	
126 1,2,4-Trichlorobenzene	180	12.198	12.198	0.000	93	88113	20.0	20.0	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	95	39244	20.0	19.6	
128 Naphthalene	128	12.371	12.371	0.000	99	199936	20.0	20.2	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	96	80950	20.0	20.7	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 131 Xylenes, Total	100				0		40.0	37.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89801.D

Injection Date: 13-Dec-2019 20:31:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

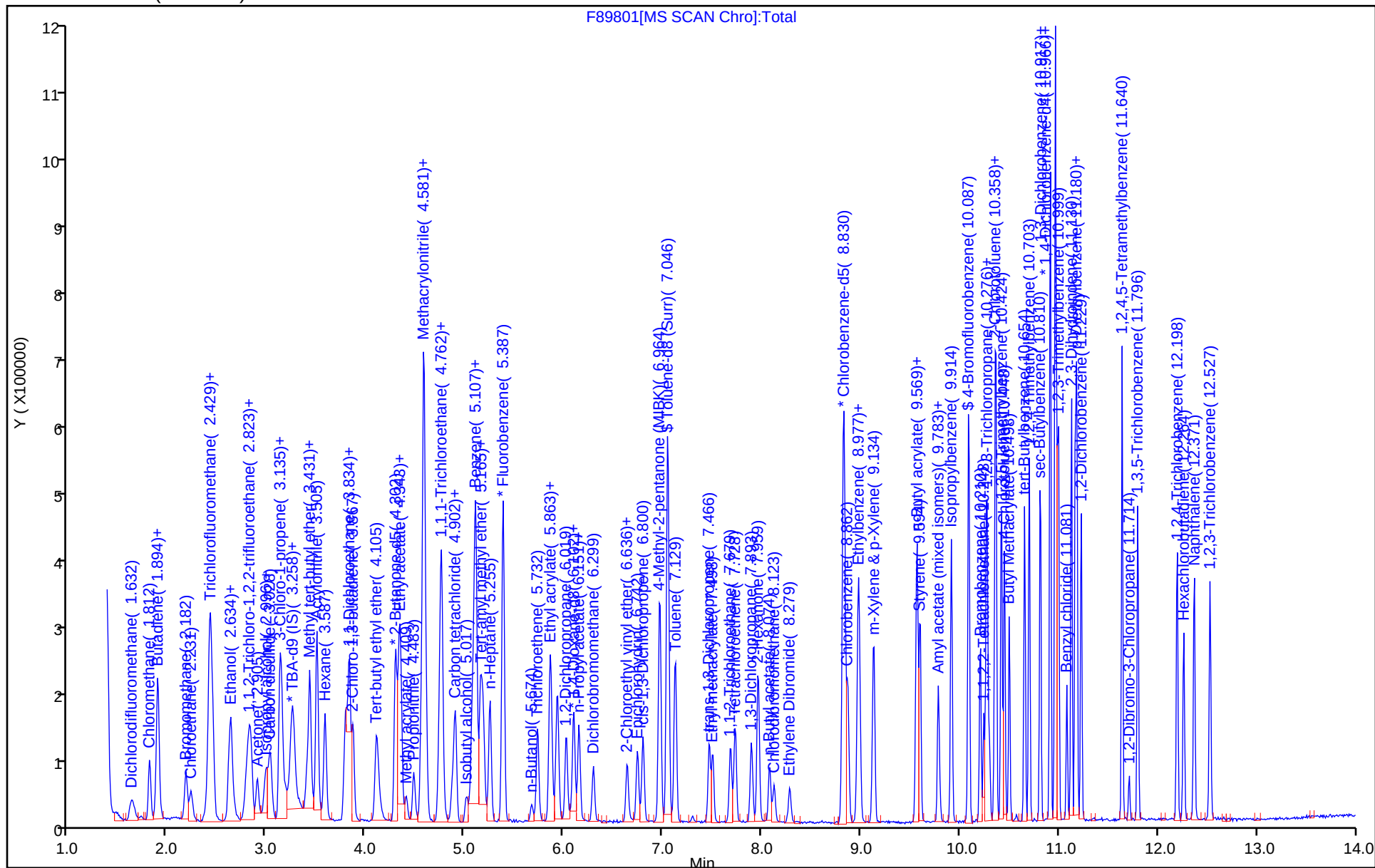
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-662202/3 Calibration Date: 12/13/2019 20:31
 Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43
 Lab File ID: F89801.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4935	0.4075	0.1000	16.5	20.0	-17.4	20.0
Chloromethane	Ave	0.5672	0.6303	0.1000	22.2	20.0	11.1	20.0
Butadiene	Ave	0.5090	0.4789		18.8	20.0	-5.9	20.0
Vinyl chloride	Ave	0.5333	0.5413	0.1000	20.3	20.0	1.5	20.0
Bromomethane	Ave	0.3660	0.3215	0.1000	17.6	20.0	-12.1	50.0
Chloroethane	Ave	0.3349	0.3198	0.1000	19.1	20.0	-4.5	50.0
Dichlorofluoromethane	Ave	0.8878	0.7777		17.5	20.0	-12.4	20.0
Trichlorofluoromethane	Ave	0.6378	0.5770	0.1000	18.1	20.0	-9.5	20.0
Pentane	QuaF		2.617		45.3	40.0	13.2	20.0
Ethyl ether	Ave	0.2446	0.2562		20.9	20.0	4.7	20.0
Ethanol	Ave	0.0514	0.0626		973	800	21.7	50.0
2-Methyl-1,3-butadiene	Ave	0.2965	0.2957		19.9	20.0	-0.3	20.0
Acrolein	Ave	1.484	2.260		60.9	40.0	52.3*	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3255	0.3453	0.1000	21.2	20.0	6.1	20.0
1,1-Dichloroethene	Ave	0.3064	0.3055	0.1000	19.9	20.0	-0.3	20.0
Acetone	Ave	0.8207	0.8828	0.0500	108	100	7.6	50.0
Iodomethane	Ave	0.5742	0.5450		19.0	20.0	-5.1	20.0
Isopropyl alcohol	Ave	0.6250	0.5775		185	200	-7.6	50.0
Carbon disulfide	Ave	1.173	1.266	0.1000	21.6	20.0	7.9	50.0
Allyl chloride	Ave	0.6176	0.6299		20.4	20.0	2.0	20.0
Methyl acetate	Ave	0.2619	0.2479	0.1000	37.9	40.0	-5.3	20.0
Cyclopentene	Ave	0.7695	0.7784		20.2	20.0	1.2	20.0
Acetonitrile	Ave	1.550	2.412		311	200	55.6*	20.0
Methylene Chloride	Ave	0.3541	0.3669	0.1000	20.7	20.0	3.6	20.0
2-Methyl-2-propanol	Ave	1.029	0.8418		164	200	-18.2	50.0
Methyl tert-butyl ether	Ave	0.9028	0.9087	0.1000	20.1	20.0	0.7	20.0
trans-1,2-Dichloroethene	Ave	0.2984	0.2982	0.1000	20.0	20.0	-0.0	20.0
Acrylonitrile	Ave	0.1263	0.1324		210	200	4.8	20.0
Hexane	Lin2		0.3204		22.7	20.0	13.3	20.0
Isopropyl ether	Ave	1.028	1.088		21.2	20.0	5.8	20.0
1,1-Dichloroethane	Ave	0.5630	0.5808	0.2000	20.6	20.0	3.1	20.0
Vinyl acetate	Ave	0.0715	0.0547		30.6	40.0	-23.6*	20.0
2-Chloro-1,3-butadiene	Ave	0.2717	0.2637		19.4	20.0	-3.0	20.0
Tert-butyl ethyl ether	Ave	1.001	0.9907		19.8	20.0	-1.1	20.0
2,2-Dichloropropane	Ave	0.1169	0.1054		18.0	20.0	-9.8	20.0
cis-1,2-Dichloroethene	Ave	0.3250	0.3249	0.1000	20.0	20.0	-0.0	20.0
2-Butanone (MEK)	Ave	0.2820	0.2592	0.0500	91.9	100	-8.1	50.0
Ethyl acetate	Ave	0.2632	0.2143		32.6	40.0	-18.6	20.0
Methyl acrylate	Ave	0.3790	0.3370		17.8	20.0	-11.1	20.0
Propionitrile	Ave	1.500	1.858		248	200	23.9*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-662202/3 Calibration Date: 12/13/2019 20:31
 Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43
 Lab File ID: F89801.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
Tetrahydrofuran	Qua2		0.3089		37.1	40.0	-7.2	20.0
Chlorobromomethane	Ave	0.1624	0.1548		19.1	20.0	-4.7	20.0
Methacrylonitrile	Ave	0.1328	0.1267		191	200	-4.6	20.0
Chloroform	Ave	0.5235	0.5214	0.2000	19.9	20.0	-0.4	20.0
Cyclohexane	Ave	0.4994	0.5099	0.1000	20.4	20.0	2.1	50.0
1,1,1-Trichloroethane	Ave	0.4967	0.4519	0.1000	18.2	20.0	-9.0	20.0
Carbon tetrachloride	Ave	0.4190	0.2991	0.1000	14.3	20.0	-28.6*	20.0
1,1-Dichloropropene	Ave	0.3945	0.4003		20.3	20.0	1.5	20.0
Isobutyl alcohol	Ave	0.4485	0.2454		274	500	-45.3	50.0
Benzene	Ave	1.557	1.594	0.5000	20.5	20.0	2.4	20.0
Isopropyl acetate	Ave	0.9860	0.9336		18.9	20.0	-5.3	20.0
Tert-amyl methyl ether	Ave	0.9272	0.8998		19.4	20.0	-2.9	20.0
1,2-Dichloroethane	Ave	0.4291	0.4103	0.1000	19.1	20.0	-4.4	20.0
n-Heptane	Lin2		0.2646		22.5	20.0	12.3	20.0
n-Butanol	Ave	0.2762	0.1506		273	500	-45.5	50.0
Trichloroethene	Ave	0.2874	0.2656	0.2000	18.5	20.0	-7.6	20.0
Ethyl acrylate	Ave	0.8366	0.8088		19.3	20.0	-3.3	20.0
Methylcyclohexane	Ave	0.5652	0.5688	0.1000	20.1	20.0	0.6	50.0
1,2-Dichloropropane	Ave	0.2898	0.2961	0.1000	20.4	20.0	2.2	20.0
Methyl methacrylate	Ave	0.0851	0.0663		31.1	40.0	-22.2*	20.0
1,4-Dioxane	Ave	1.264	1.258		398	400	-0.5	50.0
Dibromomethane	Ave	0.1787	0.1703		19.1	20.0	-4.7	20.0
n-Propyl acetate	Ave	0.4741	0.3973		16.8	20.0	-16.2	20.0
Bromodichloromethane	Ave	0.3780	0.3191	0.2000	16.9	20.0	-15.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1837	0.1669		18.2	20.0	-9.1	20.0
2-Nitropropane	QuaF		0.0342		14.2	40.0	-64.4*	20.0
Epichlorohydrin	Lin2		0.2148		392	400	-2.0	20.0
cis-1,3-Dichloropropene	Ave	0.6183	0.5697	0.2000	18.4	20.0	-7.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.394	2.307	0.0500	96.4	100	-3.6	50.0
Toluene	Ave	1.630	1.564	0.4000	19.2	20.0	-4.0	20.0
trans-1,3-Dichloropropene	Ave	0.5796	0.5255	0.1000	18.1	20.0	-9.3	50.0
Ethyl methacrylate	Ave	0.5495	0.4325		15.7	20.0	-21.3*	20.0
1,1,2-Trichloroethane	Ave	0.2622	0.2724	0.1000	20.8	20.0	3.9	20.0
Tetrachloroethene	Ave	0.3980	0.3610	0.2000	18.1	20.0	-9.3	20.0
1,3-Dichloropropane	Ave	0.5654	0.5718		20.2	20.0	1.1	20.0
2-Hexanone	Ave	1.598	1.508	0.0500	94.4	100	-5.6	50.0
n-Butyl acetate	Ave	0.6950	0.5535		15.9	20.0	-20.4*	20.0
Chlorodibromomethane	Ave	0.3743	0.2521	0.1000	13.5	20.0	-32.7	50.0
Ethylene Dibromide	Ave	0.3463	0.3104	0.1000	17.9	20.0	-10.4	20.0
Chlorobenzene	Ave	1.043	0.9583	0.5000	18.4	20.0	-8.1	20.0
Ethylbenzene	Ave	0.5680	0.5340	0.1000	18.8	20.0	-6.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-662202/3 Calibration Date: 12/13/2019 20:31
 Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43
 Lab File ID: F89801.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
1,1,1,2-Tetrachloroethane	Ave	0.4176	0.3016		14.4	20.0	-27.8*	20.0
m-Xylene & p-Xylene	Ave	0.7026	0.6540	0.1000	18.6	20.0	-6.9	20.0
n-Butyl acrylate	Ave	0.3458	0.2332		13.5	20.0	-32.6*	20.0
o-Xylene	Ave	0.7343	0.6952	0.3000	18.9	20.0	-5.3	20.0
Styrene	Ave	1.201	1.091	0.3000	18.2	20.0	-9.2	20.0
Amyl acetate (mixed isomers)	Ave	1.542	1.150		14.9	20.0	-25.4*	20.0
Bromoform	Ave	0.2755	0.1513	0.1000	11.0	20.0	-45.1*	20.0
Isopropylbenzene	Ave	1.930	1.818	0.1000	18.8	20.0	-5.8	20.0
Bromobenzene	Ave	0.7582	0.7201		19.0	20.0	-5.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7936	0.7732	0.3000	19.5	20.0	-2.6	20.0
N-Propylbenzene	Ave	3.827	3.841		20.1	20.0	0.3	20.0
1,2,3-Trichloropropane	Ave	0.2599	0.2342		18.0	20.0	-9.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2631	0.2310		17.6	20.0	-12.2	20.0
2-Chlorotoluene	Ave	2.628	2.552		19.4	20.0	-2.9	20.0
4-Ethyltoluene	Ave	3.175	3.093		19.5	20.0	-2.6	20.0
1,3,5-Trimethylbenzene	Ave	2.745	2.602		19.0	20.0	-5.2	20.0
4-Chlorotoluene	Ave	2.359	2.277		19.3	20.0	-3.5	20.0
Butyl Methacrylate	Ave	1.041	0.7742		14.9	20.0	-25.6*	20.0
tert-Butylbenzene	Ave	2.211	2.085		18.9	20.0	-5.7	20.0
1,2,4-Trimethylbenzene	Ave	2.889	2.793		19.3	20.0	-3.3	20.0
sec-Butylbenzene	Ave	3.552	3.456		19.5	20.0	-2.7	20.0
1,3-Dichlorobenzene	Ave	1.571	1.553	0.6000	19.8	20.0	-1.1	20.0
4-Isopropyltoluene	Ave	3.133	2.965		18.9	20.0	-5.4	20.0
1,4-Dichlorobenzene	Ave	1.615	1.566	0.5000	19.4	20.0	-3.0	20.0
1,2,3-Trimethylbenzene	Ave	3.018	2.974		19.7	20.0	-1.4	20.0
Benzyl chloride	Ave	1.954	1.264		12.9	20.0	-35.3	50.0
Indan	Ave	2.936	2.957		20.1	20.0	0.7	20.0
p-Diethylbenzene	Ave	1.784	1.758		19.7	20.0	-1.4	20.0
n-Butylbenzene	Ave	1.690	1.738		20.6	20.0	2.9	20.0
1,2-Dichlorobenzene	Ave	1.618	1.640	0.4000	20.3	20.0	1.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.197	2.982		18.7	20.0	-6.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2051	0.1463	0.0500	14.3	20.0	-28.7	50.0
1,3,5-Trichlorobenzene	Ave	1.374	1.327		19.3	20.0	-3.4	20.0
1,2,4-Trichlorobenzene	Ave	1.255	1.252	0.2000	20.0	20.0	-0.2	20.0
Hexachlorobutadiene	Ave	0.5685	0.5578		19.6	20.0	-1.9	20.0
Naphthalene	Ave	2.811	2.842		20.2	20.0	1.1	50.0
1,2,3-Trichlorobenzene	Ave	1.112	1.151		20.7	20.0	3.5	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4410	0.0054		0.620	20.0	-98.8*	20.0
Chlorotrifluoroethene	QuaF		0.0014		0.460	20.0	-100.0*	20.0
Dibromofluoromethane (Surr)	Ave	0.2609	0.2599		49.8	50.0	-0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Lab Sample ID: CCVIS 460-662202/3 Calibration Date: 12/13/2019 20:31
Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43
Lab File ID: F89801.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	0.3446	0.3476		50.4	50.0	0.9	20.0
Toluene-d8 (Surr)	Ave	1.318	1.319		50.0	50.0	0.0	20.0
4-Bromofluorobenzene	Ave	0.4470	0.4210		47.1	50.0	-5.8	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89801.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 13-Dec-2019 20:31:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0102759-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 11:20:34 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: yallabg

Date: 13-Dec-2019 22:41:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.632	1.632	0.000	99	63522	20.0	16.5	
3 Chloromethane	50	1.812	1.812	0.000	100	98248	20.0	22.2	
5 Butadiene	54	1.894	1.894	0.000	96	74658	20.0	18.8	
4 Vinyl chloride	62	1.903	1.903	0.000	98	84379	20.0	20.3	
6 Bromomethane	94	2.182	2.182	0.000	98	50118	20.0	17.6	
7 Chloroethane	64	2.231	2.231	0.000	100	49858	20.0	19.1	
8 Dichlorofluoromethane	67	2.412	2.412	0.000	98	121228	20.0	17.5	
9 Trichlorofluoromethane	101	2.429	2.429	0.000	61	89939	20.0	18.1	
10 Pentane	72	2.437	2.437	0.000	97	21194	40.0	45.3	
12 Ethyl ether	59	2.609	2.609	0.000	95	39942	20.0	20.9	
11 Ethanol	46	2.626	2.626	0.000	73	10133	800.0	973.3	
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	99	46101	20.0	19.9	
15 Acrolein	56	2.782	2.782	0.000	94	18310	40.0	60.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	96	53824	20.0	21.2	
17 1,1-Dichloroethene	96	2.839	2.839	0.000	98	47619	20.0	19.9	
18 Acetone	43	2.905	2.905	0.000	85	93331	100.0	107.6	
19 Iodomethane	142	2.987	2.987	0.000	99	84955	20.0	19.0	
20 Isopropyl alcohol	45	2.987	2.987	0.000	38	23388	200.0	184.8	
21 Carbon disulfide	76	3.037	3.037	0.000	100	197370	20.0	21.6	
22 3-Chloro-1-propene	41	3.127	3.127	0.000	92	98184	20.0	20.4	
24 Methyl acetate	43	3.135	3.135	0.000	99	77297	40.0	37.9	
23 Cyclopentene	67	3.152	3.152	0.000	94	121340	20.0	20.2	
14 1,2-Dichloro-1,1,2-trifluo	117	3.160	3.160	0.000	70	83	NC	NC	
25 Acetonitrile	41	3.193	3.193	0.000	96	97695	200.0	311.2	a
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	202501	1000.0	1000.0	
27 Methylene Chloride	84	3.258	3.258	0.000	97	57185	20.0	20.7	
28 2-Methyl-2-propanol	59	3.308	3.308	0.000	95	34092	200.0	163.6	a
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	97	141651	20.0	20.1	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	99	46482	20.0	20.0	
31 Acrylonitrile	53	3.505	3.505	0.000	95	206330	200.0	209.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.587	3.587	0.000	93	49937	20.0	22.7	
33 Isopropyl ether	45	3.793	3.793	0.000	96	169666	20.0	21.2	
34 1,1-Dichloroethane	63	3.825	3.825	0.000	100	90530	20.0	20.6	
35 Vinyl acetate	86	3.834	3.834	0.000	100	17046	40.0	30.6	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	95	41099	20.0	19.4	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	89	154439	20.0	19.8	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	264302	250.0	250.0	
39 2,2-Dichloropropane	97	4.335	4.335	0.000	87	16434	20.0	18.0	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	93	50653	20.0	20.0	
42 Ethyl acetate	70	4.351	4.351	0.000	93	9062	40.0	32.6	
41 2-Butanone (MEK)	72	4.351	4.351	0.000	96	27401	100.0	91.9	
43 Methyl acrylate	55	4.409	4.409	0.000	99	38921	20.0	17.8	
44 Propionitrile	54	4.483	4.483	0.000	98	75263	200.0	247.9	
46 Tetrahydrofuran	72	4.557	4.557	0.000	61	13062	40.0	37.1	
45 Chlorobromomethane	128	4.565	4.565	0.000	91	24122	20.0	19.1	
47 Methacrylonitrile	67	4.581	4.581	0.000	95	197449	200.0	190.8	
48 Chloroform	83	4.606	4.606	0.000	97	81271	20.0	19.9	
49 Cyclohexane	84	4.746	4.746	0.000	96	79477	20.0	20.4	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	68	70449	20.0	18.2	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	101285	50.0	49.8	
52 Carbon tetrachloride	117	4.885	4.885	0.000	94	46618	20.0	14.3	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	93	62398	20.0	20.3	
54 Isobutyl alcohol	43	5.017	5.017	0.000	96	24842	500.0	273.5	
55 Benzene	78	5.099	5.099	0.000	97	184133	20.0	20.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	0	135454	50.0	50.4	
57 Isopropyl acetate	43	5.157	5.157	0.000	95	145537	20.0	18.9	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	92	140266	20.0	19.4	
59 1,2-Dichloroethane	62	5.189	5.189	0.000	95	63957	20.0	19.1	
60 n-Heptane	57	5.255	5.255	0.000	94	41250	20.0	22.5	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	389705	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	97	15250	500.0	272.6	
63 Trichloroethene	95	5.732	5.732	0.000	97	41408	20.0	18.5	
65 Ethyl acrylate	55	5.863	5.863	0.000	97	126079	20.0	19.3	
64 Methylcyclohexane	83	5.863	5.863	0.000	86	88659	20.0	20.1	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	88	46159	20.0	20.4	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	21575	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	92	20654	40.0	31.1	
69 1,4-Dioxane	88	6.134	6.134	0.000	42	10856	400.0	398.0	
71 Dibromomethane	93	6.151	6.151	0.000	87	26553	20.0	19.1	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	61938	20.0	16.8	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	49747	20.0	16.9	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	85	26078	20.0	18.2	
73 2-Nitropropane	41	6.636	6.636	0.000	73	10646	40.0	14.2	
75 Epichlorohydrin	57	6.742	6.742	0.000	100	90813	400.0	392.0	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	97	65807	20.0	18.4	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	99	243869	100.0	96.4	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.046	0.000	98	380836	50.0	50.0	
79 Toluene	91	7.129	7.129	0.000	93	180690	20.0	19.2	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	96	60701	20.0	18.1	
81 Ethyl methacrylate	69	7.507	7.507	0.000	92	49962	20.0	15.7	
82 1,1,2-Trichloroethane	83	7.687	7.687	0.000	94	31467	20.0	20.8	
83 Tetrachloroethene	166	7.728	7.728	0.000	95	41701	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.893	7.893	0.000	97	66052	20.0	20.2	
85 2-Hexanone	43	7.967	7.967	0.000	98	159445	100.0	94.4	
86 n-Butyl acetate	43	8.082	8.082	0.000	99	63933	20.0	15.9	
87 Chlorodibromomethane	129	8.123	8.123	0.000	98	29119	20.0	13.5	
88 Ethylene Dibromide	107	8.279	8.279	0.000	99	35856	20.0	17.9	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	288771	50.0	50.0	
90 Chlorobenzene	112	8.871	8.871	0.000	92	110691	20.0	18.4	
91 Ethylbenzene	106	8.977	8.977	0.000	100	61678	20.0	18.8	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	89	34840	20.0	14.4	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	75540	20.0	18.6	
94 n-Butyl acrylate	73	9.561	9.561	0.000	95	26931	20.0	13.5	
95 o-Xylene	106	9.569	9.569	0.000	93	80300	20.0	18.9	
96 Styrene	104	9.602	9.602	0.000	94	126014	20.0	18.2	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	80914	20.0	14.9	
98 Bromoform	173	9.799	9.799	0.000	95	17476	20.0	11.0	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	209995	20.0	18.8	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	91	121562	50.0	47.1	
101 Bromobenzene	156	10.210	10.210	0.000	97	50667	20.0	19.0	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	97	54399	20.0	19.5	
103 N-Propylbenzene	91	10.268	10.268	0.000	98	270217	20.0	20.1	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	16477	20.0	18.0	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	70	16255	20.0	17.6	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	179581	20.0	19.4	
107 4-Ethyltoluene	105	10.366	10.366	0.000	97	217601	20.0	19.5	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	92	183085	20.0	19.0	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	160209	20.0	19.3	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	54473	20.0	14.9	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	146698	20.0	18.9	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	196507	20.0	19.3	
113 sec-Butylbenzene	105	10.810	10.810	0.000	99	243142	20.0	19.5	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	208590	20.0	18.9	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	73	109250	20.0	19.8	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	175898	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	95	110209	20.0	19.4	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	209282	20.0	19.7	
118 Benzyl chloride	91	11.081	11.081	0.000	98	88958	20.0	12.9	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	93	208037	20.0	20.1	
120 p-Diethylbenzene	119	11.163	11.163	0.000	92	123723	20.0	19.7	
121 n-Butylbenzene	92	11.180	11.180	0.000	97	122292	20.0	20.6	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	115407	20.0	20.3	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	209813	20.0	18.7	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	10290	20.0	14.3	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	93363	20.0	19.3	
126 1,2,4-Trichlorobenzene	180	12.198	12.198	0.000	93	88113	20.0	20.0	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	95	39244	20.0	19.6	
128 Naphthalene	128	12.371	12.371	0.000	99	199936	20.0	20.2	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	96	80950	20.0	20.7	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 131 Xylenes, Total	100				0		40.0	37.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89801.D

Injection Date: 13-Dec-2019 20:31:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

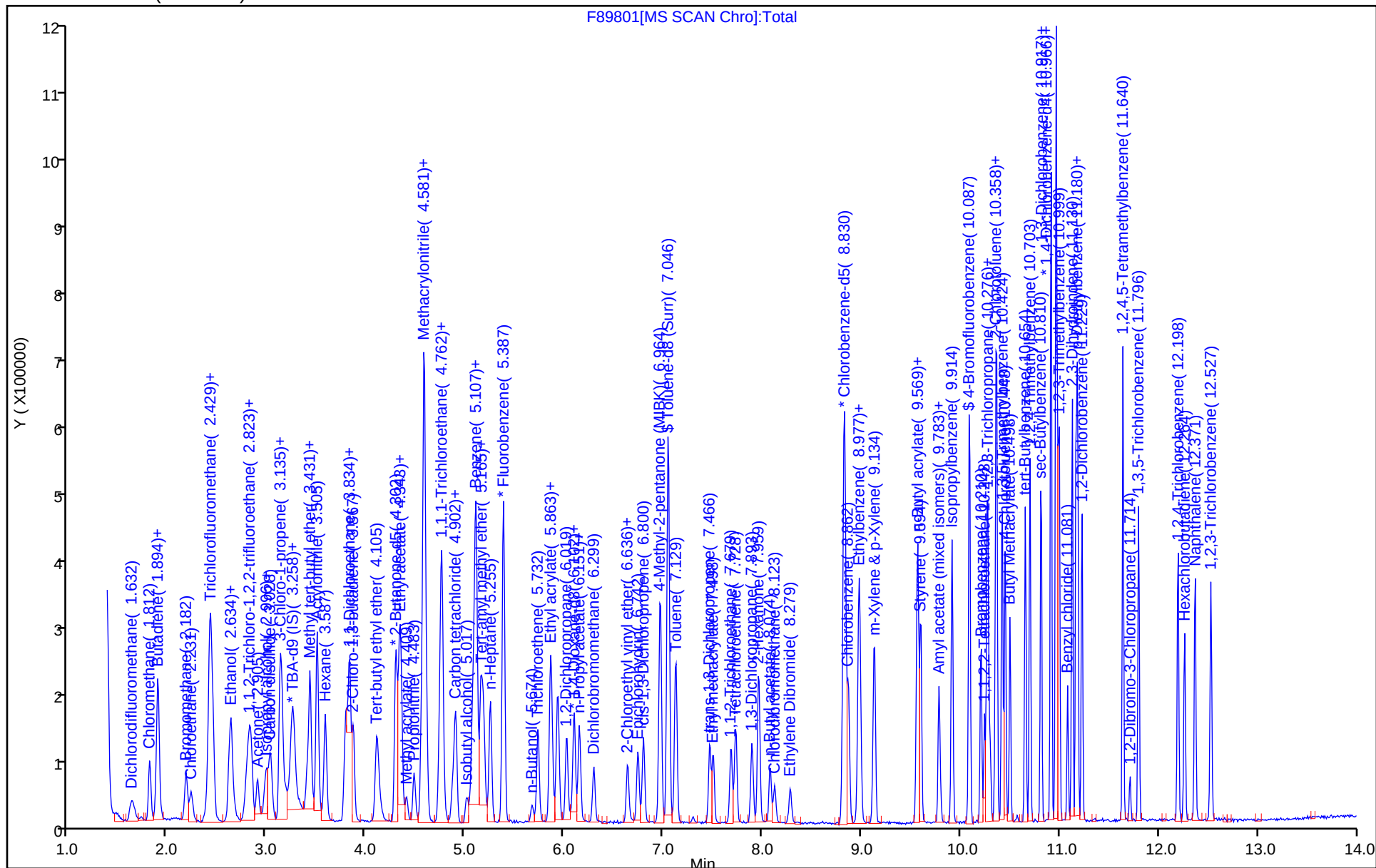
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89801.D

Injection Date: 13-Dec-2019 20:31:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

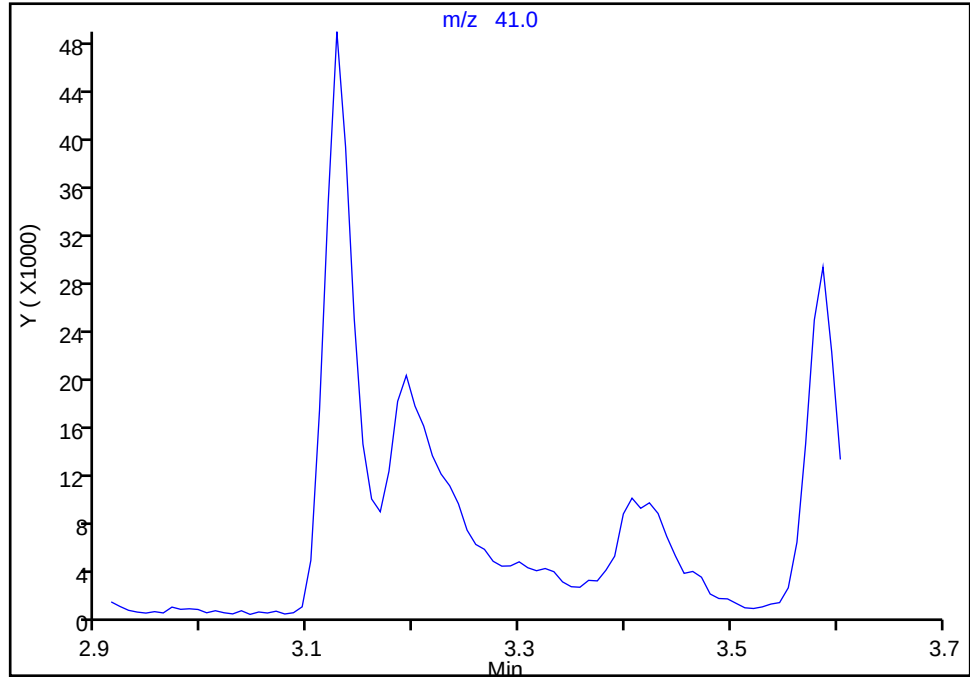
25 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.19

Processing Integration Results



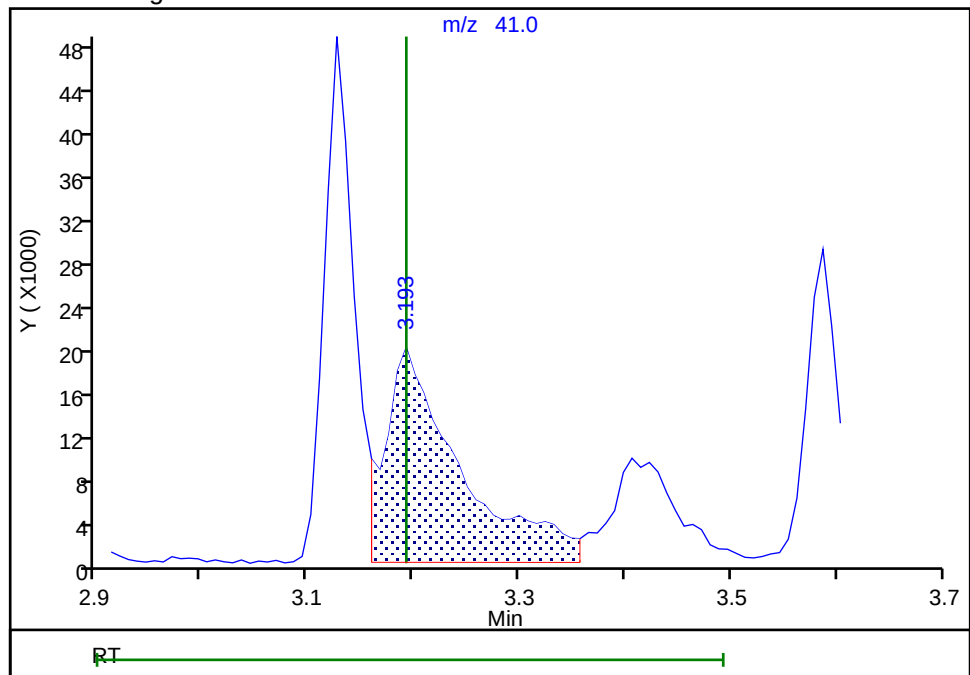
RT: 3.19

Area: 97695

Amount: 311.2244

Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 13-Dec-2019 22:38:40

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89801.D

Injection Date: 13-Dec-2019 20:31:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

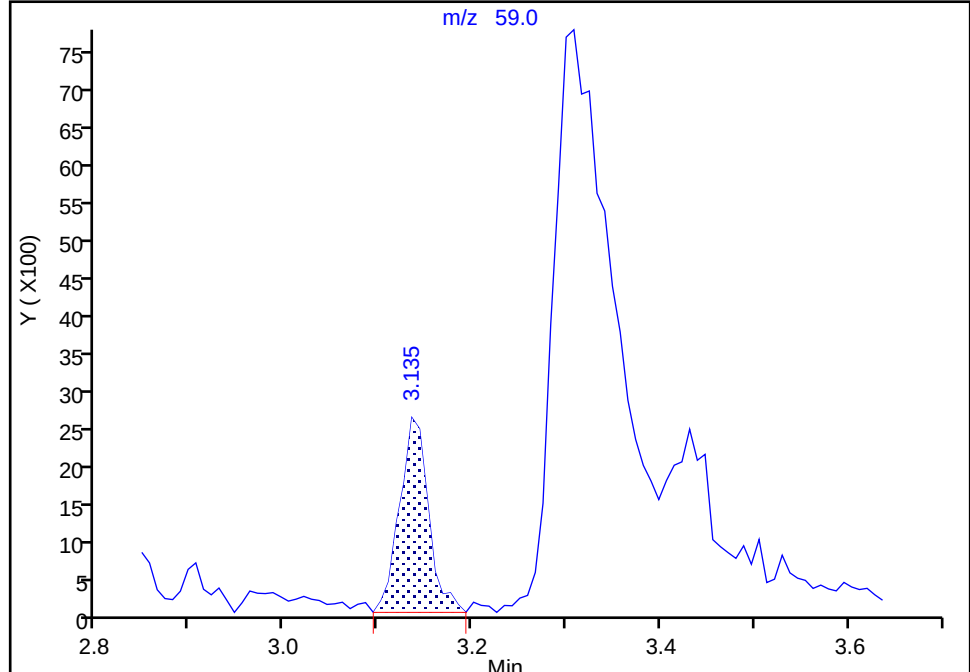
MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

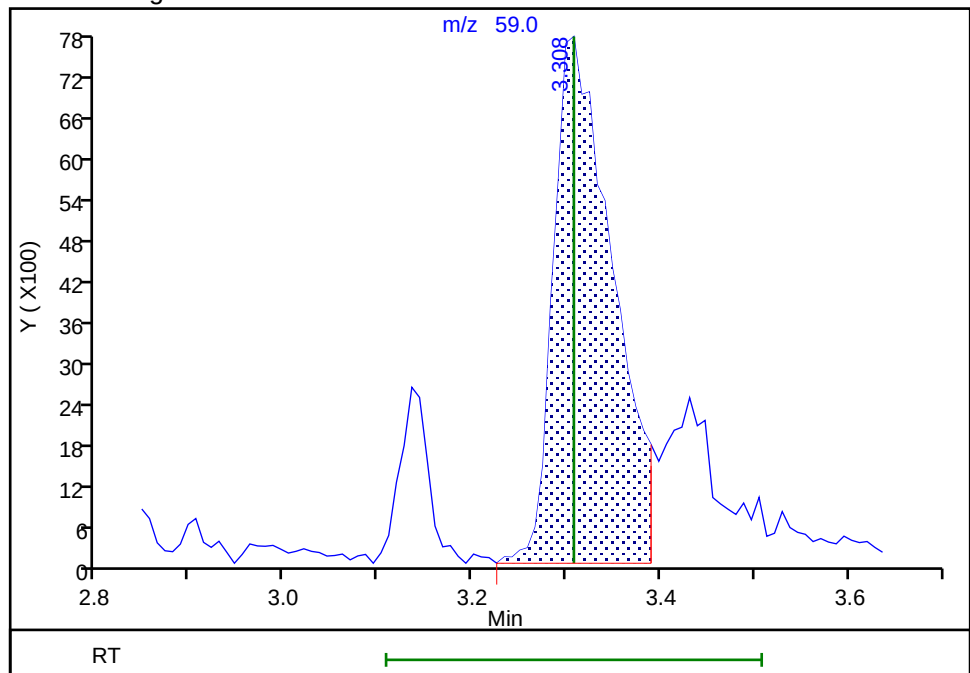
RT: 3.14
Area: 5516
Amount: 26.462457
Amount Units: ug/l

Processing Integration Results



RT: 3.31
Area: 34092
Amount: 163.5529
Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 13-Dec-2019 22:36:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89801.D

Injection Date: 13-Dec-2019 20:31:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

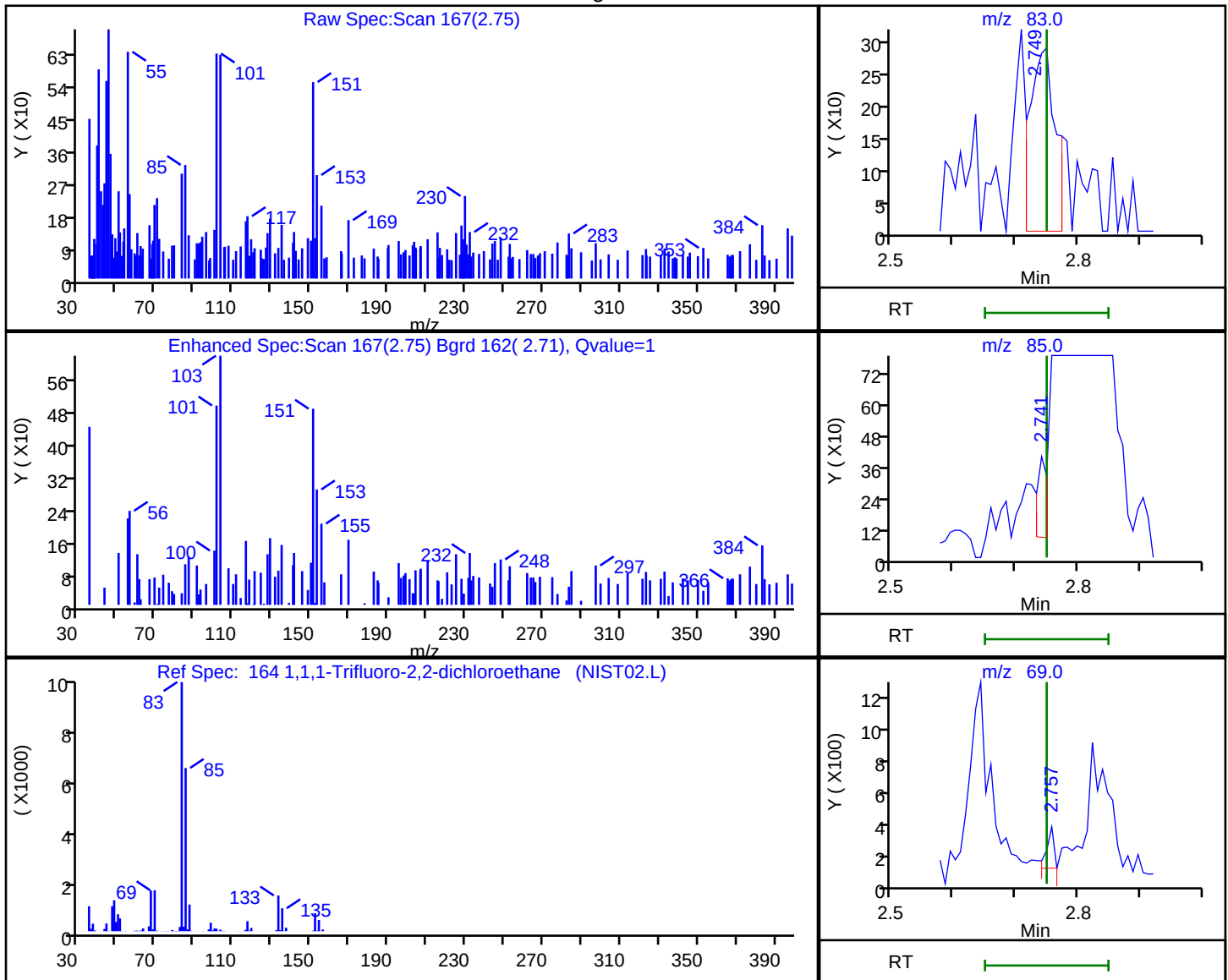
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.75	83.00	836	0.243223
2.74	85.00	354	
2.76	69.00	200	
2.76	67.00	106	

Reviewer: xuyvo, 15-Dec-2019 11:19:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89801.D

Injection Date: 13-Dec-2019 20:31:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

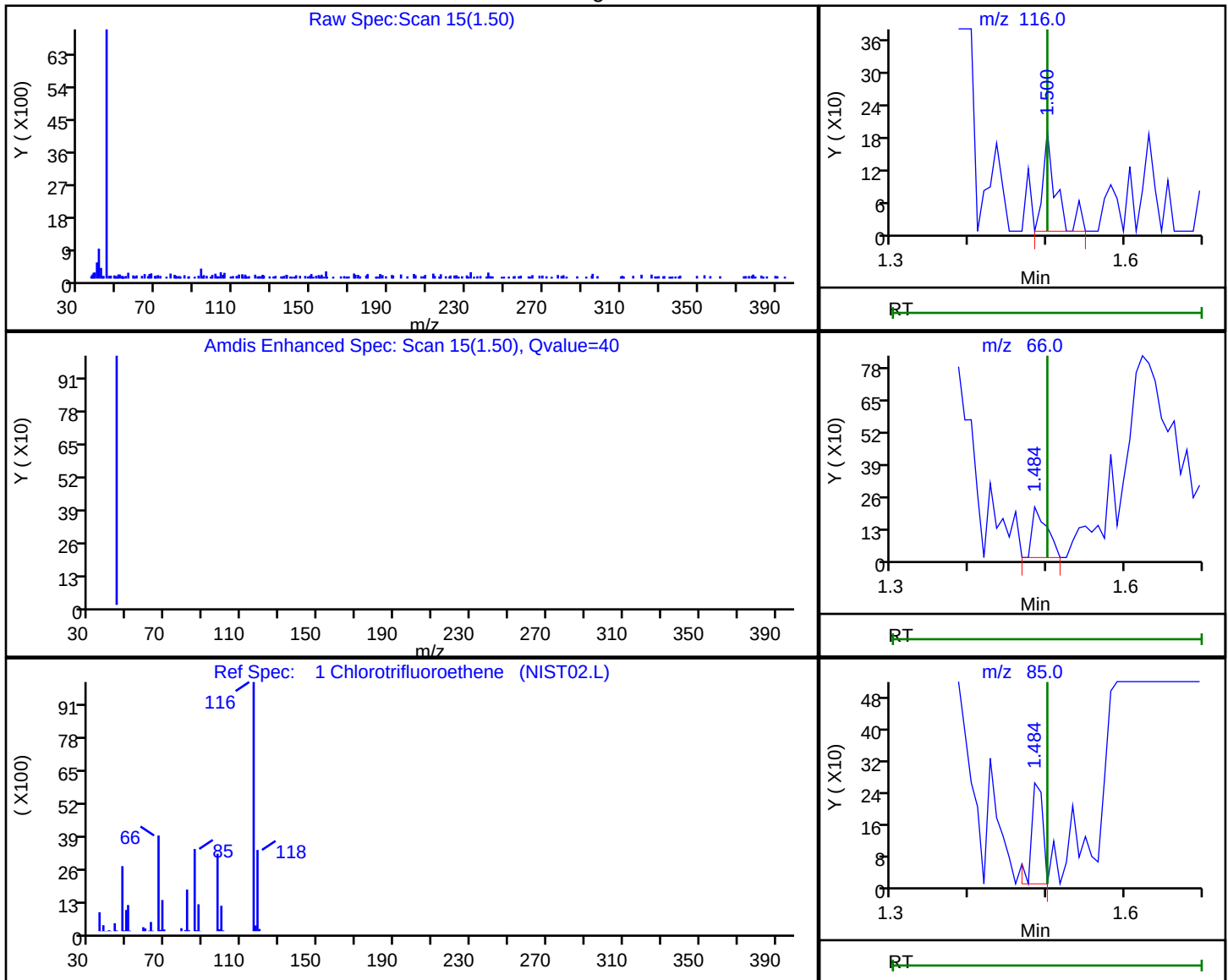
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.50	116.00	216	0.212922
1.48	66.00	271	
1.48	85.00	268	
1.51	118.00	217	

Reviewer: xuyvo, 15-Dec-2019 11:19:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Lab Sample ID: CCVIS 460-662307/3 Calibration Date: 12/14/2019 10:03
Instrument ID: CVOAMS6 Calib Start Date: 08/26/2019 20:50
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/27/2019 00:49
Lab File ID: F89829.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-Dichloro-1,1,2-trifluoro ethane	Ave	0.2707	0.3119			20.0	15.2	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 14-Dec-2019 10:03:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0102782-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:08:12 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: starzecm

Date: 14-Dec-2019 10:57:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.599	1.599	0.000	88	23327	20.0	23.6	
2 Dichlorodifluoromethane	85	1.632	1.632	0.000	95	91046	20.0	24.1	
3 Chloromethane	50	1.812	1.812	0.000	100	99667	20.0	23.0	
5 Butadiene	54	1.886	1.886	0.000	98	81975	20.0	21.1	
4 Vinyl chloride	62	1.895	1.895	0.000	99	90303	20.0	22.1	
6 Bromomethane	94	2.174	2.174	0.000	98	53716	20.0	19.2	
7 Chloroethane	64	2.231	2.231	0.000	99	49845	20.0	19.5	
8 Dichlorofluoromethane	67	2.404	2.404	0.000	98	121983	20.0	18.0	
10 Pentane	72	2.420	2.420	0.000	97	20570	40.0	48.3	
9 Trichlorofluoromethane	101	2.429	2.429	0.000	68	95642	20.0	19.6	
12 Ethyl ether	59	2.609	2.609	0.000	92	41032	20.0	21.9	
11 Ethanol	46	2.618	2.618	0.000	71	6719	800.0	709.0	M
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	98	45735	20.0	20.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.675	2.675	0.000	89	47694	NC	NC	a
164 1,1,1-Trifluoro-2,2-dichlo	83	2.725	2.725	0.000	92	77602	20.0	23.0	a
15 Acrolein	56	2.782	2.782	0.000	94	15205	40.0	55.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	96	53933	20.0	21.7	
17 1,1-Dichloroethene	96	2.831	2.831	0.000	95	47553	20.0	20.3	
18 Acetone	43	2.897	2.897	0.000	86	84866	100.0	105.6	
19 Iodomethane	142	2.979	2.979	0.000	99	88890	20.0	20.2	
20 Isopropyl alcohol	45	2.979	2.979	0.000	36	22377	200.0	194.2	
21 Carbon disulfide	76	3.029	3.029	0.000	100	192830	20.0	21.5	
22 3-Chloro-1-propene	41	3.119	3.119	0.000	90	96644	20.0	20.5	
24 Methyl acetate	43	3.127	3.127	0.000	100	78044	40.0	39.0	
23 Cyclopentene	67	3.144	3.144	0.000	93	116516	20.0	19.8	
25 Acetonitrile	41	3.193	3.193	0.000	93	99443	200.0	348.0	a
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	184334	1000.0	1000.0	
27 Methylene Chloride	84	3.259	3.259	0.000	97	59239	20.0	21.9	
28 2-Methyl-2-propanol	59	3.308	3.308	0.000	95	33603	200.0	177.1	a
29 Methyl tert-butyl ether	73	3.407	3.407	0.000	97	150092	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	99	46638	20.0	20.4	
31 Acrylonitrile	53	3.497	3.497	0.000	94	216868	200.0	224.6	
32 Hexane	43	3.579	3.579	0.000	93	48637	20.0	22.5	
33 Isopropyl ether	45	3.793	3.793	0.000	95	172894	20.0	22.0	
34 1,1-Dichloroethane	63	3.826	3.826	0.000	99	92238	20.0	21.4	
35 Vinyl acetate	86	3.834	3.834	0.000	99	17191	40.0	31.4	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	95	40335	20.0	19.4	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	90	164016	20.0	21.4	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	244790	250.0	250.0	
39 2,2-Dichloropropane	97	4.319	4.319	0.000	96	16556	20.0	18.5	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	92	51329	20.0	20.7	
42 Ethyl acetate	70	4.343	4.343	0.000	93	9075	40.0	35.2	
41 2-Butanone (MEK)	72	4.351	4.351	0.000	96	26667	100.0	96.6	
43 Methyl acrylate	55	4.401	4.401	0.000	99	38299	20.0	18.0	
44 Propionitrile	54	4.483	4.483	0.000	98	78128	200.0	282.6	
46 Tetrahydrofuran	72	4.557	4.557	0.000	67	13095	40.0	40.4	
45 Chlorobromomethane	128	4.557	4.557	0.000	94	25392	20.0	20.4	
47 Methacrylonitrile	67	4.582	4.582	0.000	94	208624	200.0	205.4	
48 Chloroform	83	4.606	4.606	0.000	96	83819	20.0	20.9	
49 Cyclohexane	84	4.746	4.746	0.000	93	82554	20.0	21.6	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	73	70936	20.0	18.7	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	96525	50.0	48.4	
52 Carbon tetrachloride	117	4.877	4.877	0.000	96	47184	20.0	14.7	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	95	63686	20.0	21.1	
54 Isobutyl alcohol	43	5.009	5.009	0.000	98	25608	500.0	309.8	
55 Benzene	78	5.099	5.099	0.000	98	185632	20.0	21.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.107	5.107	0.000	0	127759	50.0	48.5	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	146759	20.0	19.5	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	91	151609	20.0	21.4	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	95	64316	20.0	19.6	
60 n-Heptane	57	5.247	5.247	0.000	94	38999	20.0	21.6	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	382332	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	94	14216	500.0	279.2	
63 Trichloroethene	95	5.732	5.732	0.000	96	43764	20.0	19.9	
65 Ethyl acrylate	55	5.863	5.863	0.000	95	121181	20.0	18.9	
64 Methylcyclohexane	83	5.863	5.863	0.000	88	87080	20.0	20.1	
66 1,2-Dichloropropane	63	6.019	6.019	0.000	86	45959	20.0	20.7	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	19844	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	92	22962	40.0	35.3	
69 1,4-Dioxane	88	6.135	6.135	0.000	40	9739	400.0	388.1	M
71 Dibromomethane	93	6.151	6.151	0.000	93	27704	20.0	20.3	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	64742	20.0	17.9	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	50610	20.0	17.5	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	86	26460	20.0	18.8	
73 2-Nitropropane	41	6.644	6.644	0.000	72	11898	40.0	16.2	
75 Epichlorohydrin	57	6.743	6.743	0.000	100	92846	400.0	433.2	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	98	67966	20.0	19.6	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	98	252658	100.0	107.8	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	99	368217	50.0	49.7	
79 Toluene	91	7.121	7.121	0.000	93	186296	20.0	20.3	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	96	62881	20.0	19.3	
81 Ethyl methacrylate	69	7.507	7.507	0.000	91	50958	20.0	16.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.679	7.679	0.000	93	32890	20.0	22.3	
83 Tetrachloroethene	166	7.729	7.729	0.000	94	42793	20.0	19.1	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	96	71133	20.0	22.4	
85 2-Hexanone	43	7.959	7.959	0.000	97	158499	100.0	101.3	
86 n-Butyl acetate	43	8.074	8.074	0.000	97	66207	20.0	17.0	
87 Chlorodibromomethane	129	8.123	8.123	0.000	96	31631	20.0	15.0	
88 Ethylene Dibromide	107	8.279	8.279	0.000	98	39118	20.0	20.1	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	88	281010	50.0	50.0	
90 Chlorobenzene	112	8.863	8.863	0.000	93	117422	20.0	20.0	
91 Ethylbenzene	106	8.978	8.978	0.000	99	67022	20.0	21.0	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	91	34956	20.0	14.9	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	79889	20.0	20.2	
94 n-Butyl acrylate	73	9.561	9.561	0.000	95	26452	20.0	13.6	
95 o-Xylene	106	9.569	9.569	0.000	92	82977	20.0	20.1	
96 Styrene	104	9.602	9.602	0.000	96	131925	20.0	19.5	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	89	79429	20.0	14.6	
98 Bromoform	173	9.791	9.791	0.000	94	18454	20.0	11.9	
99 Isopropylbenzene	105	9.914	9.914	0.000	96	219491	20.0	20.2	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	123075	50.0	49.0	
101 Bromobenzene	156	10.210	10.210	0.000	97	53673	20.0	20.0	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	97	56314	20.0	20.1	
103 N-Propylbenzene	91	10.268	10.268	0.000	98	274501	20.0	20.3	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	16793	20.0	18.3	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	75	17748	20.0	19.1	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	191071	20.0	20.6	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	232421	20.0	20.7	
108 1,3,5-Trimethylbenzene	105	10.416	10.416	0.000	92	190084	20.0	19.6	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	168484	20.0	20.2	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	52438	20.0	14.3	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	148881	20.0	19.1	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	203297	20.0	19.9	
113 sec-Butylbenzene	105	10.810	10.810	0.000	98	249297	20.0	19.9	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	216046	20.0	19.5	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	72	110548	20.0	19.9	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	176607	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	95	118329	20.0	20.7	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	216103	20.0	20.3	
118 Benzyl chloride	91	11.081	11.081	0.000	98	89742	20.0	13.0	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	215125	20.0	20.7	
120 p-Diethylbenzene	119	11.163	11.163	0.000	92	127794	20.0	20.3	
121 n-Butylbenzene	92	11.180	11.180	0.000	98	125660	20.0	21.1	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	118704	20.0	20.8	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	217682	20.0	19.3	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	10703	20.0	14.8	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	95708	20.0	19.7	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	94	86936	20.0	19.6	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	37244	20.0	18.5	
128 Naphthalene	128	12.371	12.371	0.000	99	178608	20.0	18.0	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	94	72248	20.0	18.4	
S 130 1,2-Dichloroethene, Total	100				0		40.0	41.1	
S 131 Xylenes, Total	100				0		40.0	40.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

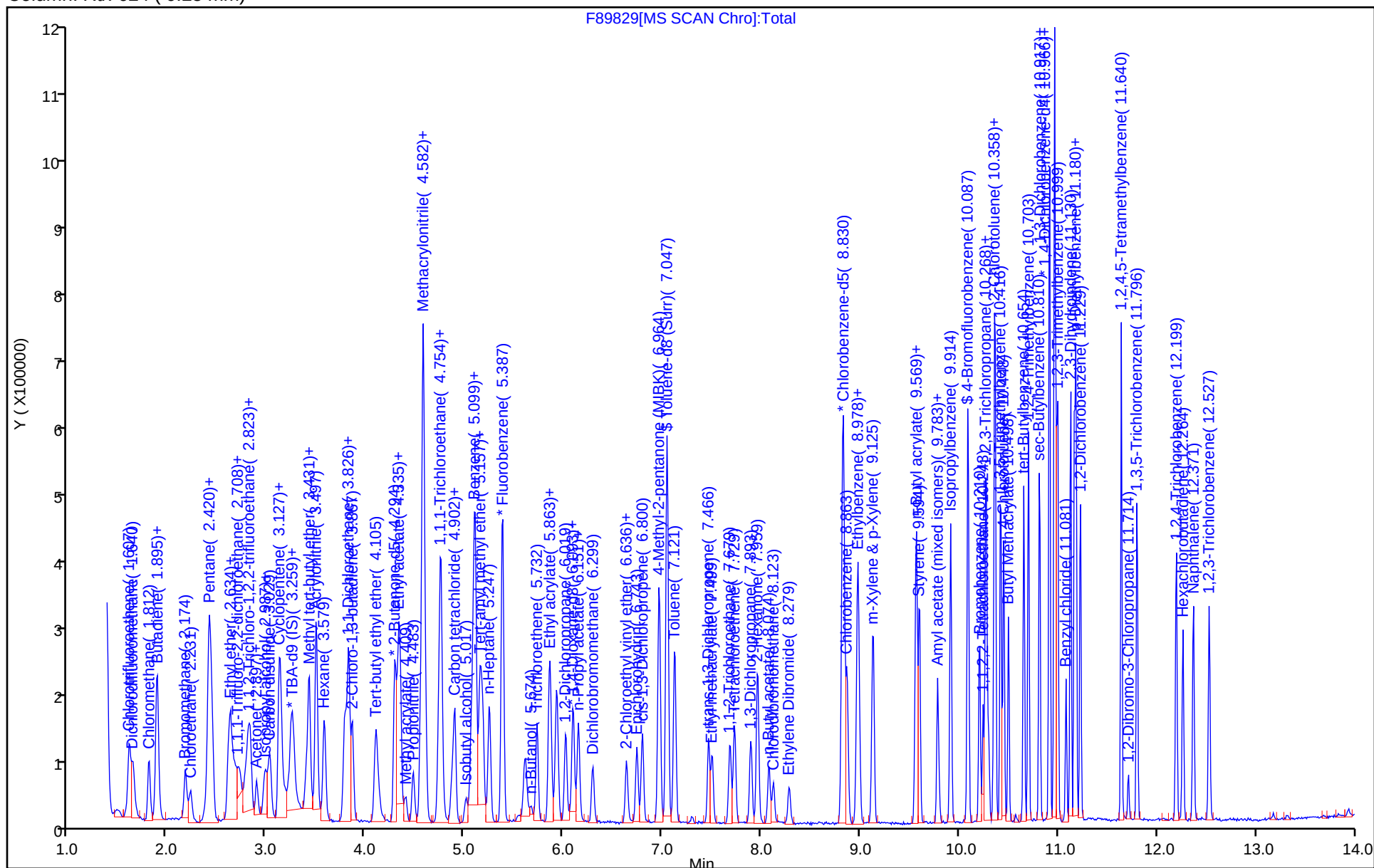
Chrom Revision: 2.3 09-Oct-2019 11:13:36

Worklist Smp#: 3

ALS Bottle#: 2

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D

Injection Date: 14-Dec-2019 10:03:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

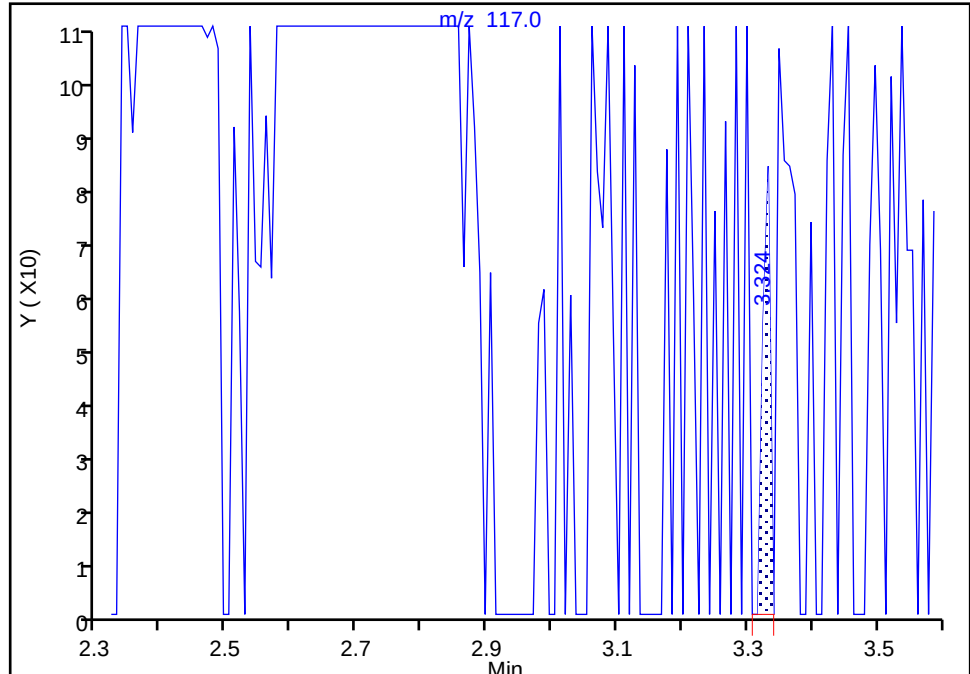
MS SCAN

14 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Signal: 1

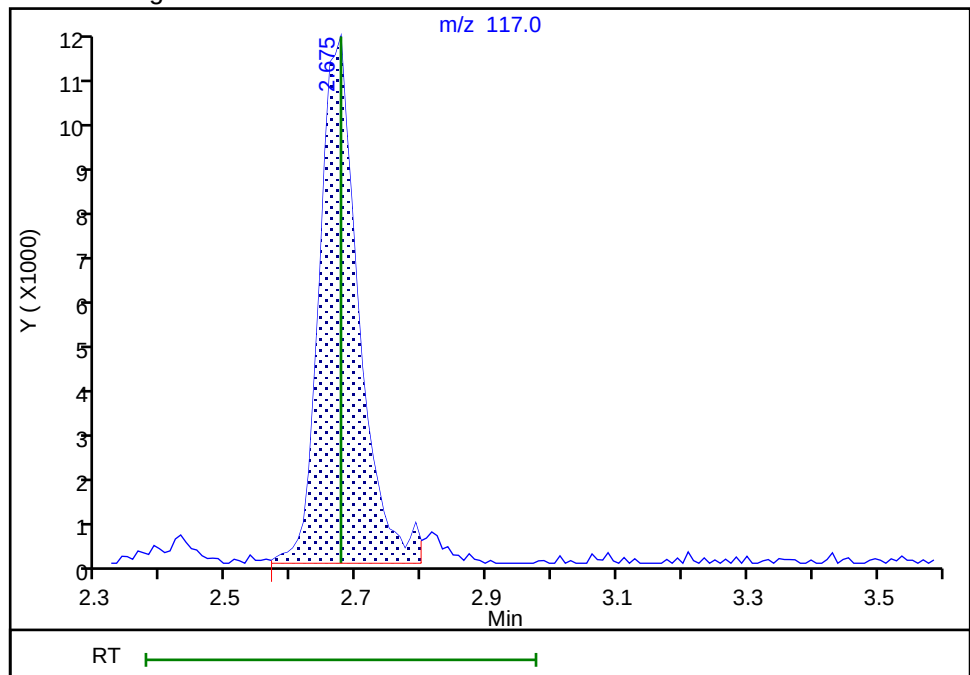
RT: 3.32
Area: 65
Amount: 0
Amount Units: ug/l

Processing Integration Results



RT: 2.68
Area: 47694
Amount: 0
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 14-Dec-2019 10:43:17

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Lab Sample ID: CCVIS 460-662307/3 Calibration Date: 12/14/2019 10:03

Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43

Lab File ID: F89829.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	QuaF		0.1525		23.6	20.0	18.1	20.0
Dichlorodifluoromethane	Ave	0.4935	0.5953	0.1000	24.1	20.0	20.6*	20.0
Chloromethane	Ave	0.5672	0.6517	0.1000	23.0	20.0	14.9	20.0
Butadiene	Ave	0.5090	0.5360		21.1	20.0	5.3	20.0
Vinyl chloride	Ave	0.5333	0.5905	0.1000	22.1	20.0	10.7	20.0
Bromomethane	Ave	0.3660	0.3512	0.1000	19.2	20.0	-4.0	50.0
Chloroethane	Ave	0.3349	0.3259	0.1000	19.5	20.0	-2.7	50.0
Dichlorofluoromethane	Ave	0.8878	0.7976		18.0	20.0	-10.2	20.0
Pentane	QuaF		2.790		48.3	40.0	20.8*	20.0
Trichlorofluoromethane	Ave	0.6378	0.6254	0.1000	19.6	20.0	-1.9	20.0
Ethyl ether	Ave	0.2446	0.2683		21.9	20.0	9.7	20.0
Ethanol	Ave	0.0514	0.0456		709	800	-11.4	50.0
2-Methyl-1,3-butadiene	Ave	0.2965	0.2991		20.2	20.0	0.9	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4410	0.5074		23.0	20.0	15.1	20.0
Acrolein	Ave	1.484	2.062		55.6	40.0	38.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3255	0.3527	0.1000	21.7	20.0	8.4	20.0
1,1-Dichloroethene	Ave	0.3064	0.3109	0.1000	20.3	20.0	1.5	20.0
Acetone	Ave	0.8207	0.8667	0.0500	106	100	5.6	50.0
Iodomethane	Ave	0.5742	0.5812		20.2	20.0	1.2	20.0
Isopropyl alcohol	Ave	0.6250	0.6070		194	200	-2.9	50.0
Carbon disulfide	Ave	1.173	1.261	0.1000	21.5	20.0	7.5	50.0
Allyl chloride	Ave	0.6176	0.6319		20.5	20.0	2.3	20.0
Methyl acetate	Ave	0.2619	0.2552	0.1000	39.0	40.0	-2.6	20.0
Cyclopentene	Ave	0.7695	0.7619		19.8	20.0	-1.0	20.0
Acetonitrile	Ave	1.550	2.697		348	200	74.0*	20.0
Methylene Chloride	Ave	0.3541	0.3874	0.1000	21.9	20.0	9.4	20.0
2-Methyl-2-propanol	Ave	1.029	0.9115		177	200	-11.5	50.0
Methyl tert-butyl ether	Ave	0.9028	0.9814	0.1000	21.7	20.0	8.7	20.0
trans-1,2-Dichloroethene	Ave	0.2984	0.3050	0.1000	20.4	20.0	2.2	20.0
Acrylonitrile	Ave	0.1263	0.1418		225	200	12.3	20.0
Hexane	Lin2		0.3180		22.5	20.0	12.5	20.0
Isopropyl ether	Ave	1.028	1.131		22.0	20.0	9.9	20.0
1,1-Dichloroethane	Ave	0.5630	0.6031	0.2000	21.4	20.0	7.1	20.0
Vinyl acetate	Ave	0.0715	0.0562		31.4	40.0	-21.4*	20.0
2-Chloro-1,3-butadiene	Ave	0.2717	0.2637		19.4	20.0	-2.9	20.0
Tert-butyl ethyl ether	Ave	1.001	1.072		21.4	20.0	7.1	20.0
2,2-Dichloropropane	Ave	0.1169	0.1083		18.5	20.0	-7.4	20.0
cis-1,2-Dichloroethene	Ave	0.3250	0.3356	0.1000	20.7	20.0	3.3	20.0
Ethyl acetate	Ave	0.2632	0.2317		35.2	40.0	-12.0	20.0
2-Butanone (MEK)	Ave	0.2820	0.2724	0.0500	96.6	100	-3.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-662307/3 Calibration Date: 12/14/2019 10:03
 Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43
 Lab File ID: F89829.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
Methyl acrylate	Ave	0.3790	0.3407		18.0	20.0	-10.1	20.0
Propionitrile	Ave	1.500	2.119		283	200	41.3*	20.0
Chlorobromomethane	Ave	0.1624	0.1660		20.4	20.0	2.2	20.0
Tetrahydrofuran	Qua2		0.3343		40.4	40.0	0.9	20.0
Methacrylonitrile	Ave	0.1328	0.1364		205	200	2.7	20.0
Chloroform	Ave	0.5235	0.5481	0.2000	20.9	20.0	4.7	20.0
Cyclohexane	Ave	0.4994	0.5398	0.1000	21.6	20.0	8.1	50.0
1,1,1-Trichloroethane	Ave	0.4967	0.4638	0.1000	18.7	20.0	-6.6	20.0
Carbon tetrachloride	Ave	0.4190	0.3085	0.1000	14.7	20.0	-26.4*	20.0
1,1-Dichloropropene	Ave	0.3945	0.4164		21.1	20.0	5.6	20.0
Isobutyl alcohol	Ave	0.4485	0.2778		310	500	-38.0	50.0
Benzene	Ave	1.557	1.651	0.5000	21.2	20.0	6.0	20.0
Isopropyl acetate	Ave	0.9860	0.9596		19.5	20.0	-2.7	20.0
Tert-amyl methyl ether	Ave	0.9272	0.9913		21.4	20.0	6.9	20.0
1,2-Dichloroethane	Ave	0.4291	0.4206	0.1000	19.6	20.0	-2.0	20.0
n-Heptane	Lin2		0.2550		21.6	20.0	8.1	20.0
n-Butanol	Ave	0.2762	0.1542		279	500	-44.2	50.0
Trichloroethene	Ave	0.2874	0.2862	0.2000	19.9	20.0	-0.4	20.0
Ethyl acrylate	Ave	0.8366	0.7924		18.9	20.0	-5.3	20.0
Methylcyclohexane	Ave	0.5652	0.5694	0.1000	20.1	20.0	0.7	50.0
1,2-Dichloropropane	Ave	0.2898	0.3005	0.1000	20.7	20.0	3.7	20.0
Methyl methacrylate	Ave	0.0851	0.0751		35.3	40.0	-11.8	20.0
1,4-Dioxane	Ave	1.264	1.227		388	400	-3.0	50.0
Dibromomethane	Ave	0.1787	0.1812		20.3	20.0	1.4	20.0
n-Propyl acetate	Ave	0.4741	0.4233		17.9	20.0	-10.7	20.0
Bromodichloromethane	Ave	0.3780	0.3309	0.2000	17.5	20.0	-12.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1837	0.1726		18.8	20.0	-6.0	20.0
2-Nitropropane	QuaF		0.0389		16.2	40.0	-59.5*	20.0
Epichlorohydrin	Lin2		0.2371		433	400	8.3	20.0
cis-1,3-Dichloropropene	Ave	0.6183	0.6047	0.2000	19.6	20.0	-2.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.394	2.580	0.0500	108	100	7.8	50.0
Toluene	Ave	1.630	1.657	0.4000	20.3	20.0	1.7	20.0
trans-1,3-Dichloropropene	Ave	0.5796	0.5594	0.1000	19.3	20.0	-3.5	50.0
Ethyl methacrylate	Ave	0.5495	0.4534		16.5	20.0	-17.5	20.0
1,1,2-Trichloroethane	Ave	0.2622	0.2926	0.1000	22.3	20.0	11.6	20.0
Tetrachloroethene	Ave	0.3980	0.3807	0.2000	19.1	20.0	-4.3	20.0
1,3-Dichloropropane	Ave	0.5654	0.6328		22.4	20.0	11.9	20.0
2-Hexanone	Ave	1.598	1.619	0.0500	101	100	1.3	50.0
n-Butyl acetate	Ave	0.6950	0.5890		17.0	20.0	-15.2	20.0
Chlorodibromomethane	Ave	0.3743	0.2814	0.1000	15.0	20.0	-24.8	50.0
Ethylene Dibromide	Ave	0.3463	0.3480	0.1000	20.1	20.0	0.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-662307/3 Calibration Date: 12/14/2019 10:03
 Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43
 Lab File ID: F89829.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
Chlorobenzene	Ave	1.043	1.045	0.5000	20.0	20.0	0.2	20.0
Ethylbenzene	Ave	0.5680	0.5963	0.1000	21.0	20.0	5.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4176	0.3110		14.9	20.0	-25.5*	20.0
m-Xylene & p-Xylene	Ave	0.7026	0.7107	0.1000	20.2	20.0	1.2	20.0
n-Butyl acrylate	Ave	0.3458	0.2353		13.6	20.0	-31.9*	20.0
o-Xylene	Ave	0.7343	0.7382	0.3000	20.1	20.0	0.5	20.0
Styrene	Ave	1.201	1.174	0.3000	19.5	20.0	-2.3	20.0
Amyl acetate (mixed isomers)	Ave	1.542	1.124		14.6	20.0	-27.1*	20.0
Bromoform	Ave	0.2755	0.1642	0.1000	11.9	20.0	-40.4*	20.0
Isopropylbenzene	Ave	1.930	1.953	0.1000	20.2	20.0	1.2	20.0
Bromobenzene	Ave	0.7582	0.7598		20.0	20.0	0.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7936	0.7972	0.3000	20.1	20.0	0.4	20.0
N-Propylbenzene	Ave	3.827	3.886		20.3	20.0	1.5	20.0
1,2,3-Trichloropropane	Ave	0.2599	0.2377		18.3	20.0	-8.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2631	0.2512		19.1	20.0	-4.5	20.0
2-Chlorotoluene	Ave	2.628	2.705		20.6	20.0	2.9	20.0
4-Ethyltoluene	Ave	3.175	3.290		20.7	20.0	3.6	20.0
1,3,5-Trimethylbenzene	Ave	2.745	2.691		19.6	20.0	-2.0	20.0
4-Chlorotoluene	Ave	2.359	2.385		20.2	20.0	1.1	20.0
Butyl Methacrylate	Ave	1.041	0.7423		14.3	20.0	-28.7*	20.0
tert-Butylbenzene	Ave	2.211	2.108		19.1	20.0	-4.7	20.0
1,2,4-Trimethylbenzene	Ave	2.889	2.878		19.9	20.0	-0.4	20.0
sec-Butylbenzene	Ave	3.552	3.529		19.9	20.0	-0.6	20.0
1,3-Dichlorobenzene	Ave	1.571	1.565	0.6000	19.9	20.0	-0.4	20.0
4-Isopropyltoluene	Ave	3.133	3.058		19.5	20.0	-2.4	20.0
1,4-Dichlorobenzene	Ave	1.615	1.675	0.5000	20.7	20.0	3.7	20.0
1,2,3-Trimethylbenzene	Ave	3.018	3.059		20.3	20.0	1.4	20.0
Benzyl chloride	Ave	1.954	1.270		13.0	20.0	-35.0	50.0
Indan	Ave	2.936	3.045		20.7	20.0	3.7	20.0
p-Diethylbenzene	Ave	1.784	1.809		20.3	20.0	1.4	20.0
n-Butylbenzene	Ave	1.690	1.779		21.1	20.0	5.3	20.0
1,2-Dichlorobenzene	Ave	1.618	1.680	0.4000	20.8	20.0	3.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.197	3.081		19.3	20.0	-3.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2051	0.1515	0.0500	14.8	20.0	-26.1	50.0
1,3,5-Trichlorobenzene	Ave	1.374	1.355		19.7	20.0	-1.4	20.0
1,2,4-Trichlorobenzene	Ave	1.255	1.231	0.2000	19.6	20.0	-1.9	20.0
Hexachlorobutadiene	Ave	0.5685	0.5272		18.5	20.0	-7.3	20.0
Naphthalene	Ave	2.811	2.528		18.0	20.0	-10.0	50.0
1,2,3-Trichlorobenzene	Ave	1.112	1.023		18.4	20.0	-8.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2609	0.2525		48.4	50.0	-3.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3446	0.3342		48.5	50.0	-3.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Lab Sample ID: CCVIS 460-662307/3 Calibration Date: 12/14/2019 10:03
Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43
Lab File ID: F89829.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene-d8 (Surr)	Ave	1.318	1.310		49.7	50.0	-0.6	20.0
4-Bromofluorobenzene	Ave	0.4470	0.4380		49.0	50.0	-2.0	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 14-Dec-2019 10:03:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0102782-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:08:12 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: starzecm

Date: 14-Dec-2019 10:57:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.599	1.599	0.000	88	23327	20.0	23.6	
2 Dichlorodifluoromethane	85	1.632	1.632	0.000	95	91046	20.0	24.1	
3 Chloromethane	50	1.812	1.812	0.000	100	99667	20.0	23.0	
5 Butadiene	54	1.886	1.886	0.000	98	81975	20.0	21.1	
4 Vinyl chloride	62	1.895	1.895	0.000	99	90303	20.0	22.1	
6 Bromomethane	94	2.174	2.174	0.000	98	53716	20.0	19.2	
7 Chloroethane	64	2.231	2.231	0.000	99	49845	20.0	19.5	
8 Dichlorofluoromethane	67	2.404	2.404	0.000	98	121983	20.0	18.0	
10 Pentane	72	2.420	2.420	0.000	97	20570	40.0	48.3	
9 Trichlorofluoromethane	101	2.429	2.429	0.000	68	95642	20.0	19.6	
12 Ethyl ether	59	2.609	2.609	0.000	92	41032	20.0	21.9	
11 Ethanol	46	2.618	2.618	0.000	71	6719	800.0	709.0	M
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	98	45735	20.0	20.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.675	2.675	0.000	89	47694	NC	NC	a
164 1,1,1-Trifluoro-2,2-dichlo	83	2.725	2.725	0.000	92	77602	20.0	23.0	a
15 Acrolein	56	2.782	2.782	0.000	94	15205	40.0	55.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	96	53933	20.0	21.7	
17 1,1-Dichloroethene	96	2.831	2.831	0.000	95	47553	20.0	20.3	
18 Acetone	43	2.897	2.897	0.000	86	84866	100.0	105.6	
19 Iodomethane	142	2.979	2.979	0.000	99	88890	20.0	20.2	
20 Isopropyl alcohol	45	2.979	2.979	0.000	36	22377	200.0	194.2	
21 Carbon disulfide	76	3.029	3.029	0.000	100	192830	20.0	21.5	
22 3-Chloro-1-propene	41	3.119	3.119	0.000	90	96644	20.0	20.5	
24 Methyl acetate	43	3.127	3.127	0.000	100	78044	40.0	39.0	
23 Cyclopentene	67	3.144	3.144	0.000	93	116516	20.0	19.8	
25 Acetonitrile	41	3.193	3.193	0.000	93	99443	200.0	348.0	a
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	184334	1000.0	1000.0	
27 Methylene Chloride	84	3.259	3.259	0.000	97	59239	20.0	21.9	
28 2-Methyl-2-propanol	59	3.308	3.308	0.000	95	33603	200.0	177.1	a
29 Methyl tert-butyl ether	73	3.407	3.407	0.000	97	150092	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	99	46638	20.0	20.4	
31 Acrylonitrile	53	3.497	3.497	0.000	94	216868	200.0	224.6	
32 Hexane	43	3.579	3.579	0.000	93	48637	20.0	22.5	
33 Isopropyl ether	45	3.793	3.793	0.000	95	172894	20.0	22.0	
34 1,1-Dichloroethane	63	3.826	3.826	0.000	99	92238	20.0	21.4	
35 Vinyl acetate	86	3.834	3.834	0.000	99	17191	40.0	31.4	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	95	40335	20.0	19.4	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	90	164016	20.0	21.4	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	244790	250.0	250.0	
39 2,2-Dichloropropane	97	4.319	4.319	0.000	96	16556	20.0	18.5	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	92	51329	20.0	20.7	
42 Ethyl acetate	70	4.343	4.343	0.000	93	9075	40.0	35.2	
41 2-Butanone (MEK)	72	4.351	4.351	0.000	96	26667	100.0	96.6	
43 Methyl acrylate	55	4.401	4.401	0.000	99	38299	20.0	18.0	
44 Propionitrile	54	4.483	4.483	0.000	98	78128	200.0	282.6	
46 Tetrahydrofuran	72	4.557	4.557	0.000	67	13095	40.0	40.4	
45 Chlorobromomethane	128	4.557	4.557	0.000	94	25392	20.0	20.4	
47 Methacrylonitrile	67	4.582	4.582	0.000	94	208624	200.0	205.4	
48 Chloroform	83	4.606	4.606	0.000	96	83819	20.0	20.9	
49 Cyclohexane	84	4.746	4.746	0.000	93	82554	20.0	21.6	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	73	70936	20.0	18.7	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	96525	50.0	48.4	
52 Carbon tetrachloride	117	4.877	4.877	0.000	96	47184	20.0	14.7	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	95	63686	20.0	21.1	
54 Isobutyl alcohol	43	5.009	5.009	0.000	98	25608	500.0	309.8	
55 Benzene	78	5.099	5.099	0.000	98	185632	20.0	21.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.107	5.107	0.000	0	127759	50.0	48.5	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	146759	20.0	19.5	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	91	151609	20.0	21.4	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	95	64316	20.0	19.6	
60 n-Heptane	57	5.247	5.247	0.000	94	38999	20.0	21.6	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	382332	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	94	14216	500.0	279.2	
63 Trichloroethene	95	5.732	5.732	0.000	96	43764	20.0	19.9	
65 Ethyl acrylate	55	5.863	5.863	0.000	95	121181	20.0	18.9	
64 Methylcyclohexane	83	5.863	5.863	0.000	88	87080	20.0	20.1	
66 1,2-Dichloropropane	63	6.019	6.019	0.000	86	45959	20.0	20.7	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	19844	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	92	22962	40.0	35.3	
69 1,4-Dioxane	88	6.135	6.135	0.000	40	9739	400.0	388.1	M
71 Dibromomethane	93	6.151	6.151	0.000	93	27704	20.0	20.3	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	64742	20.0	17.9	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	50610	20.0	17.5	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	86	26460	20.0	18.8	
73 2-Nitropropane	41	6.644	6.644	0.000	72	11898	40.0	16.2	
75 Epichlorohydrin	57	6.743	6.743	0.000	100	92846	400.0	433.2	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	98	67966	20.0	19.6	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	98	252658	100.0	107.8	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	99	368217	50.0	49.7	
79 Toluene	91	7.121	7.121	0.000	93	186296	20.0	20.3	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	96	62881	20.0	19.3	
81 Ethyl methacrylate	69	7.507	7.507	0.000	91	50958	20.0	16.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 1,1,2-Trichloroethane	83	7.679	7.679	0.000	93	32890	20.0	22.3	
83 Tetrachloroethene	166	7.729	7.729	0.000	94	42793	20.0	19.1	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	96	71133	20.0	22.4	
85 2-Hexanone	43	7.959	7.959	0.000	97	158499	100.0	101.3	
86 n-Butyl acetate	43	8.074	8.074	0.000	97	66207	20.0	17.0	
87 Chlorodibromomethane	129	8.123	8.123	0.000	96	31631	20.0	15.0	
88 Ethylene Dibromide	107	8.279	8.279	0.000	98	39118	20.0	20.1	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	88	281010	50.0	50.0	
90 Chlorobenzene	112	8.863	8.863	0.000	93	117422	20.0	20.0	
91 Ethylbenzene	106	8.978	8.978	0.000	99	67022	20.0	21.0	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	91	34956	20.0	14.9	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	79889	20.0	20.2	
94 n-Butyl acrylate	73	9.561	9.561	0.000	95	26452	20.0	13.6	
95 o-Xylene	106	9.569	9.569	0.000	92	82977	20.0	20.1	
96 Styrene	104	9.602	9.602	0.000	96	131925	20.0	19.5	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	89	79429	20.0	14.6	
98 Bromoform	173	9.791	9.791	0.000	94	18454	20.0	11.9	
99 Isopropylbenzene	105	9.914	9.914	0.000	96	219491	20.0	20.2	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	88	123075	50.0	49.0	
101 Bromobenzene	156	10.210	10.210	0.000	97	53673	20.0	20.0	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	97	56314	20.0	20.1	
103 N-Propylbenzene	91	10.268	10.268	0.000	98	274501	20.0	20.3	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	16793	20.0	18.3	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	75	17748	20.0	19.1	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	191071	20.0	20.6	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	232421	20.0	20.7	
108 1,3,5-Trimethylbenzene	105	10.416	10.416	0.000	92	190084	20.0	19.6	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	168484	20.0	20.2	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	52438	20.0	14.3	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	148881	20.0	19.1	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	203297	20.0	19.9	
113 sec-Butylbenzene	105	10.810	10.810	0.000	98	249297	20.0	19.9	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	216046	20.0	19.5	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	72	110548	20.0	19.9	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	176607	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	95	118329	20.0	20.7	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	216103	20.0	20.3	
118 Benzyl chloride	91	11.081	11.081	0.000	98	89742	20.0	13.0	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	215125	20.0	20.7	
120 p-Diethylbenzene	119	11.163	11.163	0.000	92	127794	20.0	20.3	
121 n-Butylbenzene	92	11.180	11.180	0.000	98	125660	20.0	21.1	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	118704	20.0	20.8	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	217682	20.0	19.3	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	10703	20.0	14.8	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	95708	20.0	19.7	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	94	86936	20.0	19.6	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	37244	20.0	18.5	
128 Naphthalene	128	12.371	12.371	0.000	99	178608	20.0	18.0	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	94	72248	20.0	18.4	
S 130 1,2-Dichloroethene, Total	100				0		40.0	41.1	
S 131 Xylenes, Total	100				0		40.0	40.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D

Injection Date: 14-Dec-2019 10:03:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

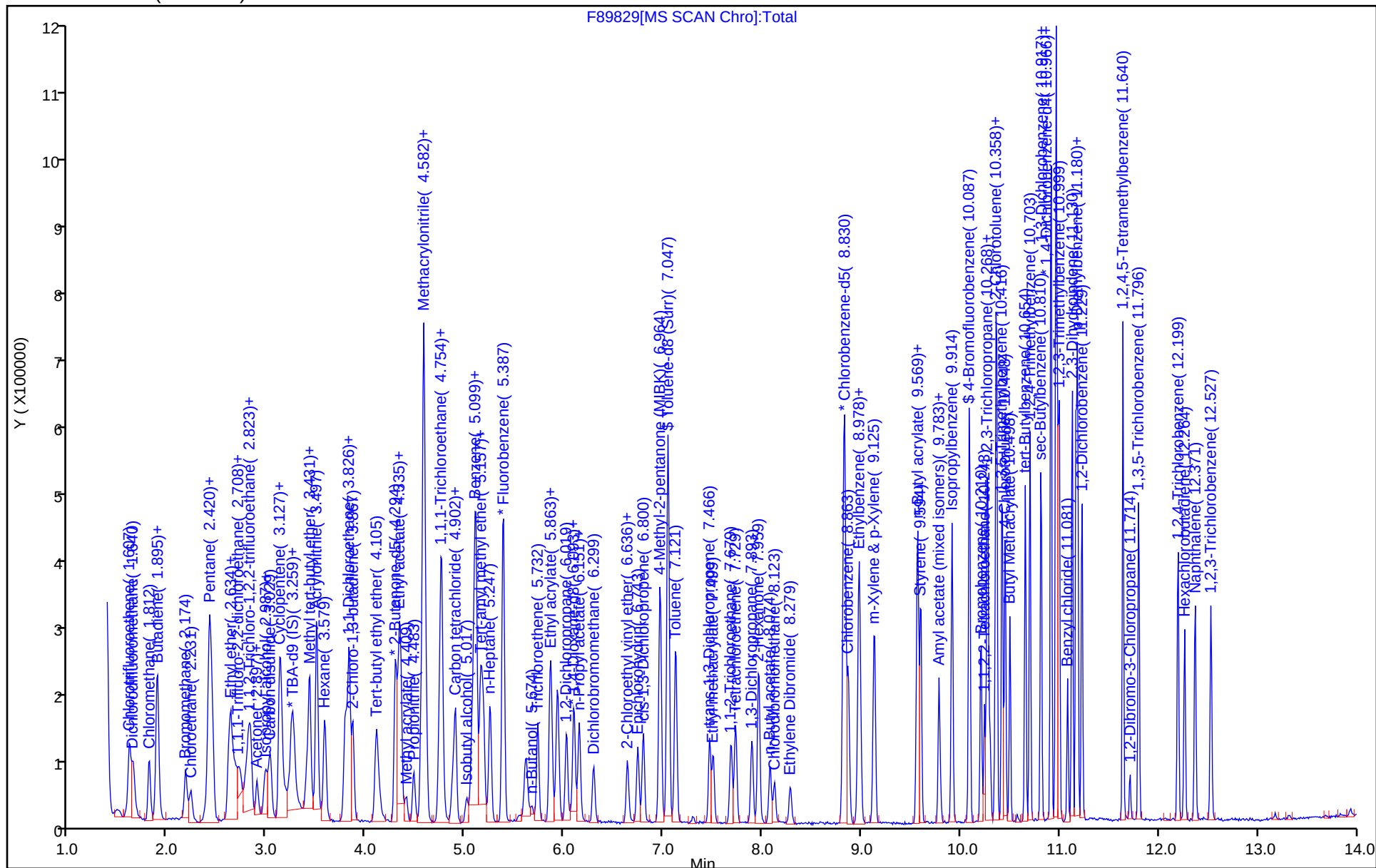
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D

Injection Date: 14-Dec-2019 10:03:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

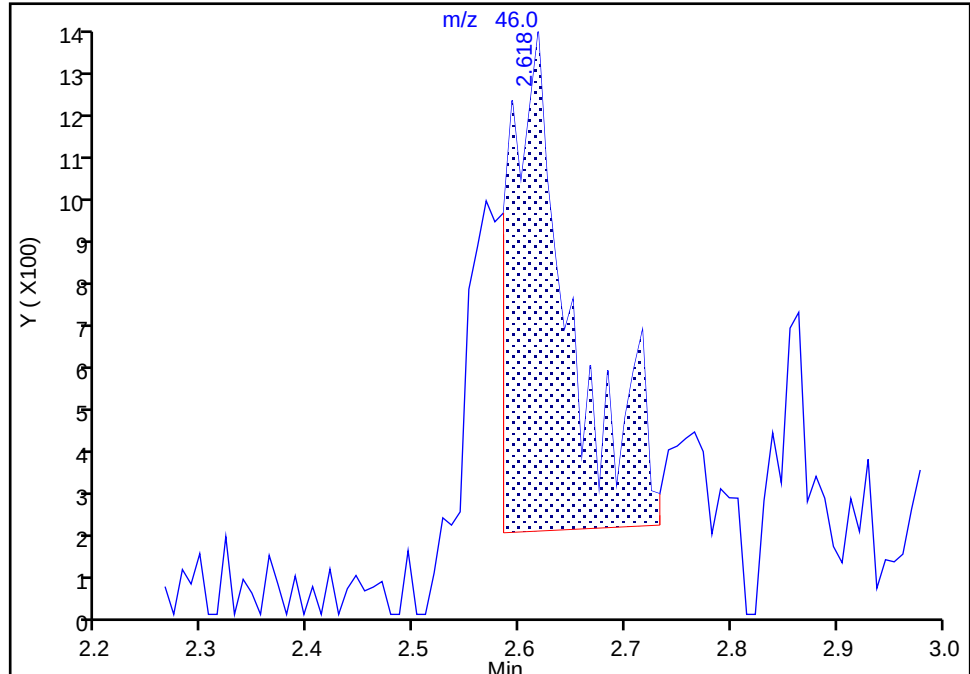
Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

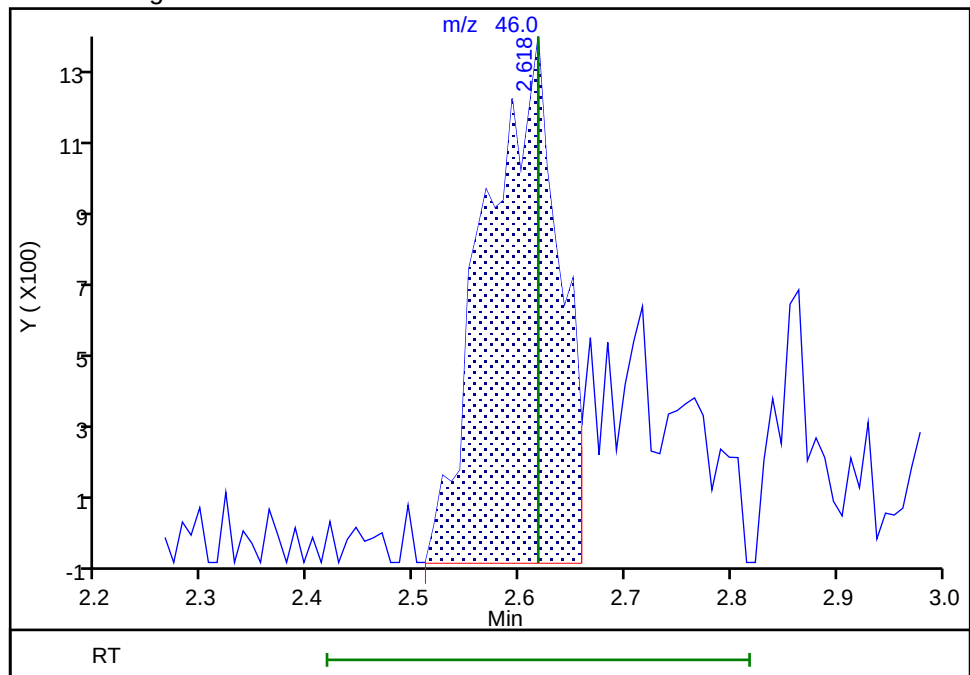
RT: 2.62
Area: 4686
Amount: 494.4793
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 6719
Amount: 709.0070
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 15-Dec-2019 12:07:33

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D

Injection Date: 14-Dec-2019 10:03:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

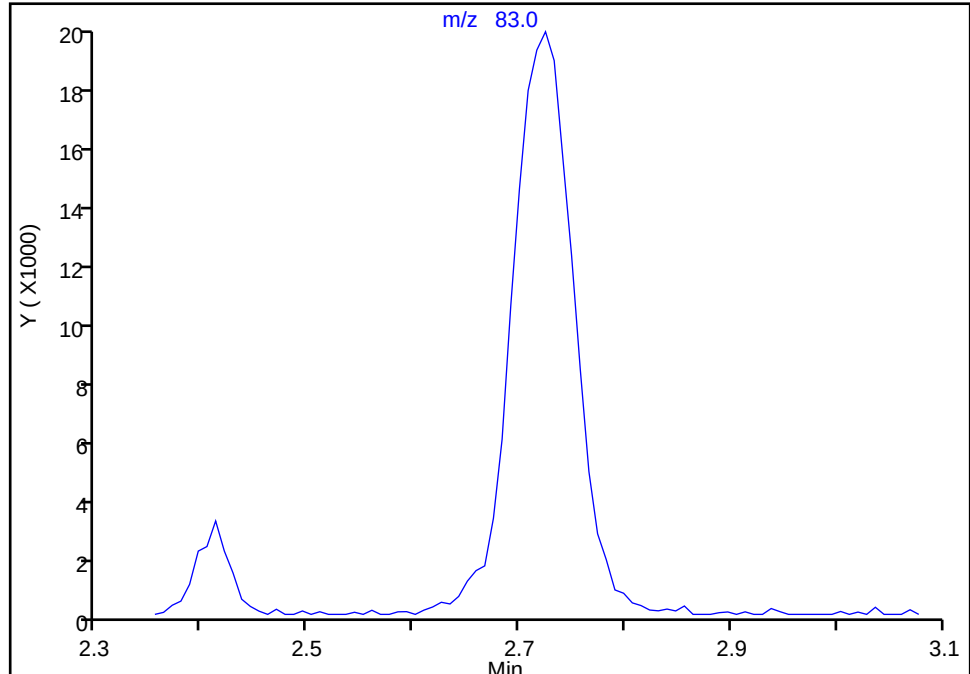
164 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

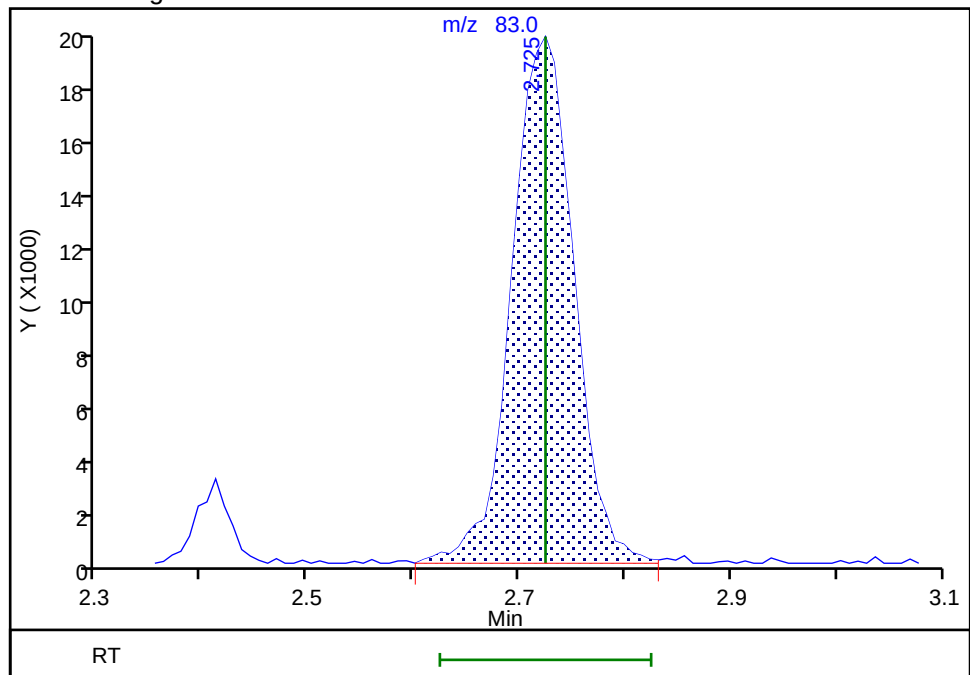
Not Detected

Expected RT: 2.72

Processing Integration Results



Manual Integration Results

RT: 2.72
Area: 77602
Amount: 23.012643
Amount Units: ug/l

Reviewer: starzecm, 14-Dec-2019 10:42:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D

Injection Date: 14-Dec-2019 10:03:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

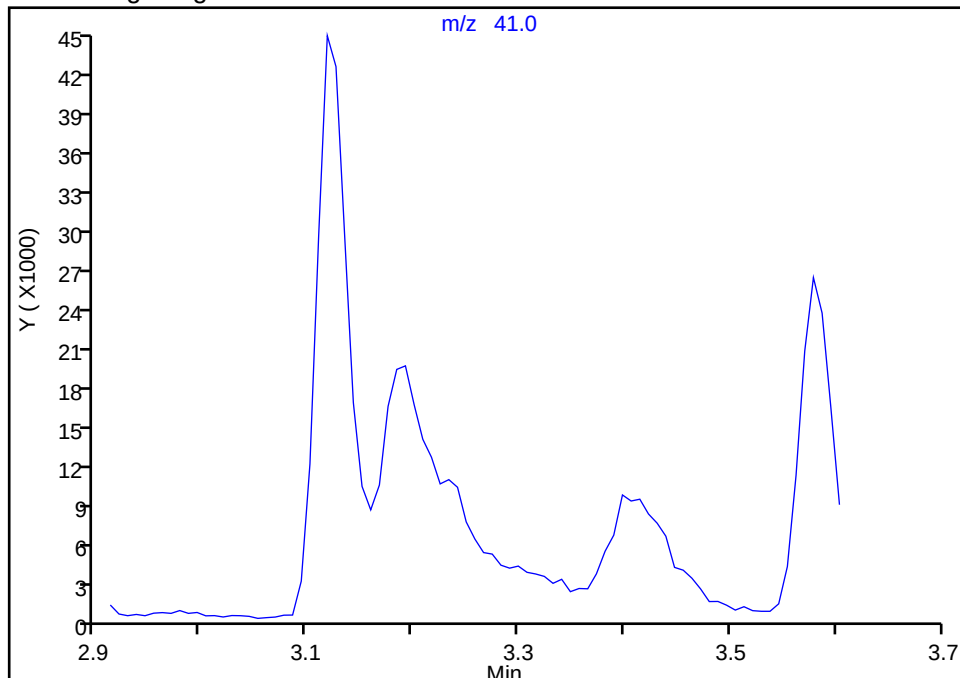
25 Acetonitrile, CAS: 75-05-8

Signal: 1

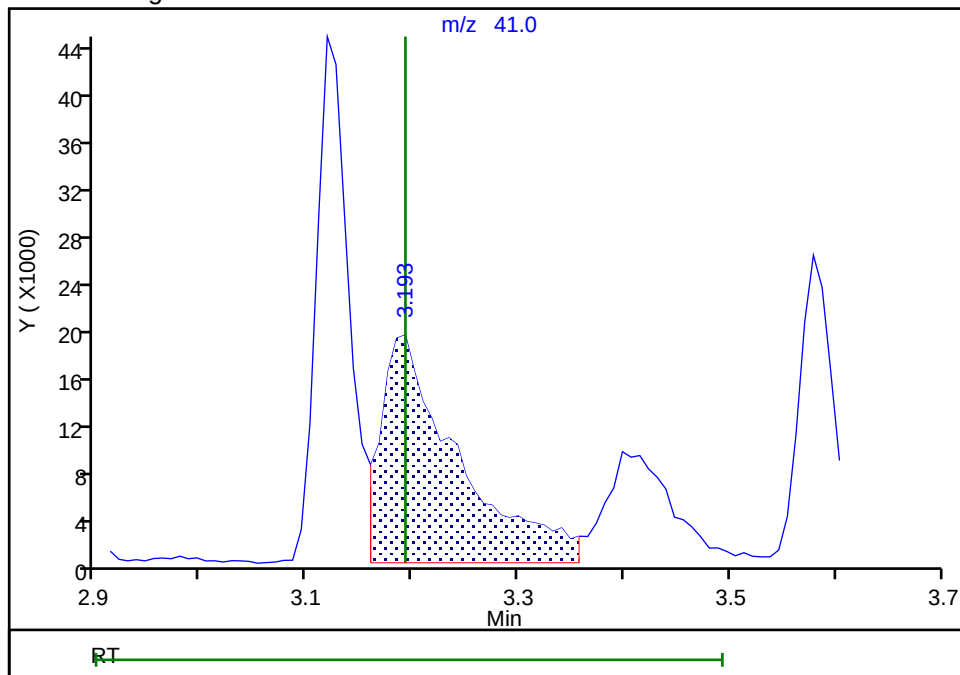
Not Detected

Expected RT: 3.19

Processing Integration Results



Manual Integration Results



Reviewer: starzecm, 14-Dec-2019 10:42:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D

Injection Date: 14-Dec-2019 10:03:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

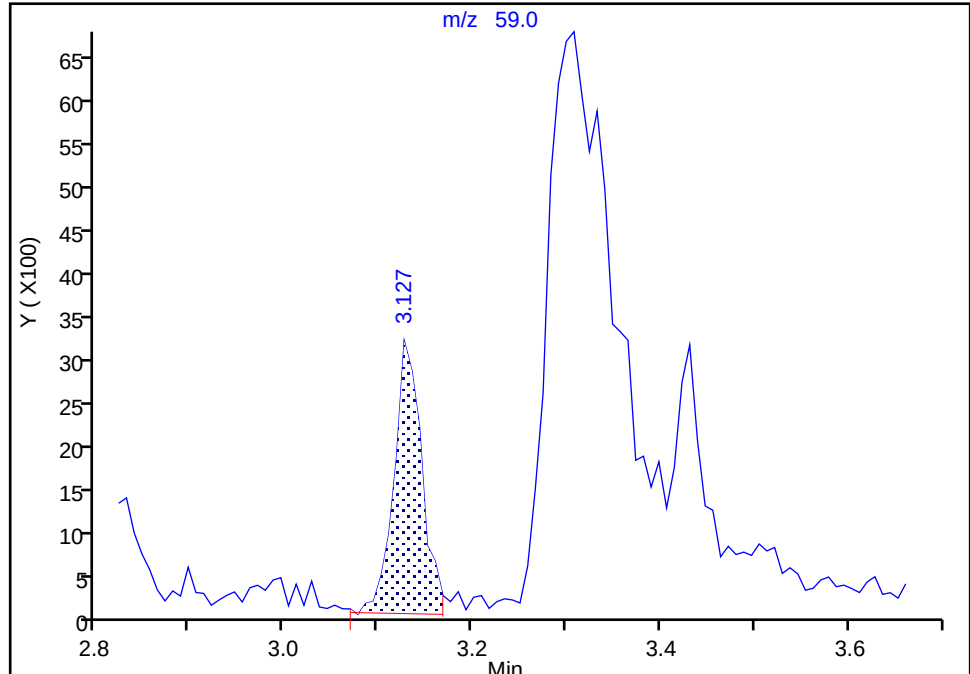
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

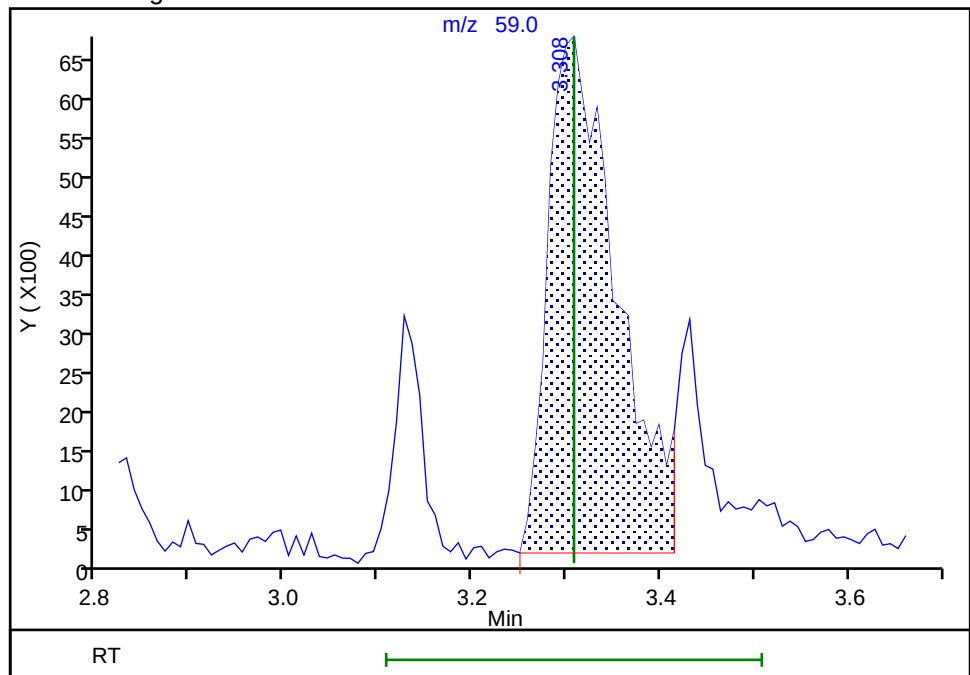
RT: 3.13
Area: 6476
Amount: 34.129857
Amount Units: ug/l

Processing Integration Results



RT: 3.31
Area: 33603
Amount: 177.0947
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 14-Dec-2019 10:42:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89829.D

Injection Date: 14-Dec-2019 10:03:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

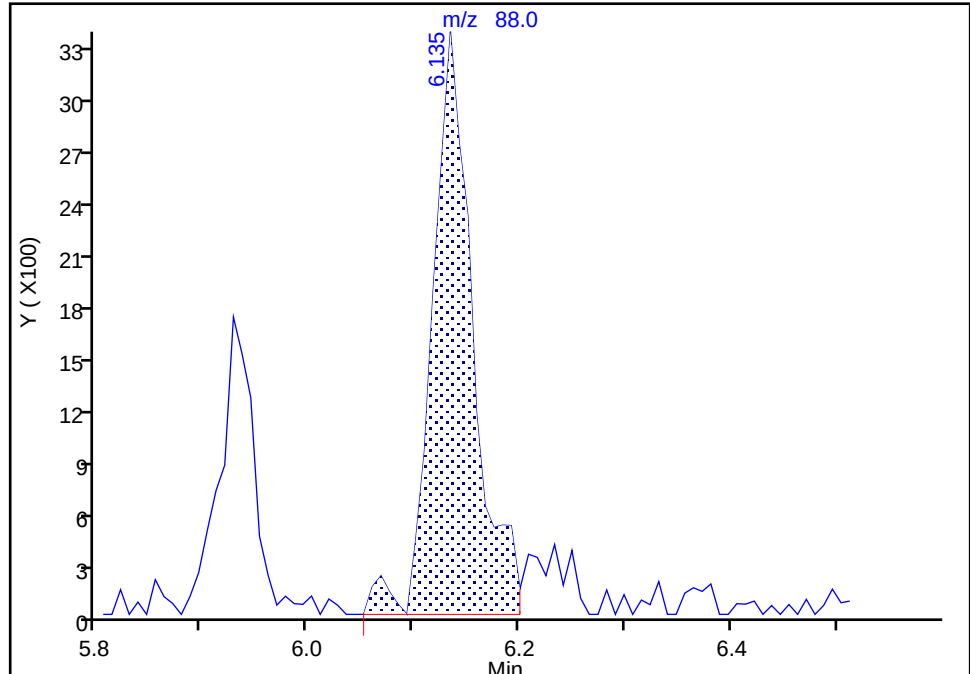
Detector: MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

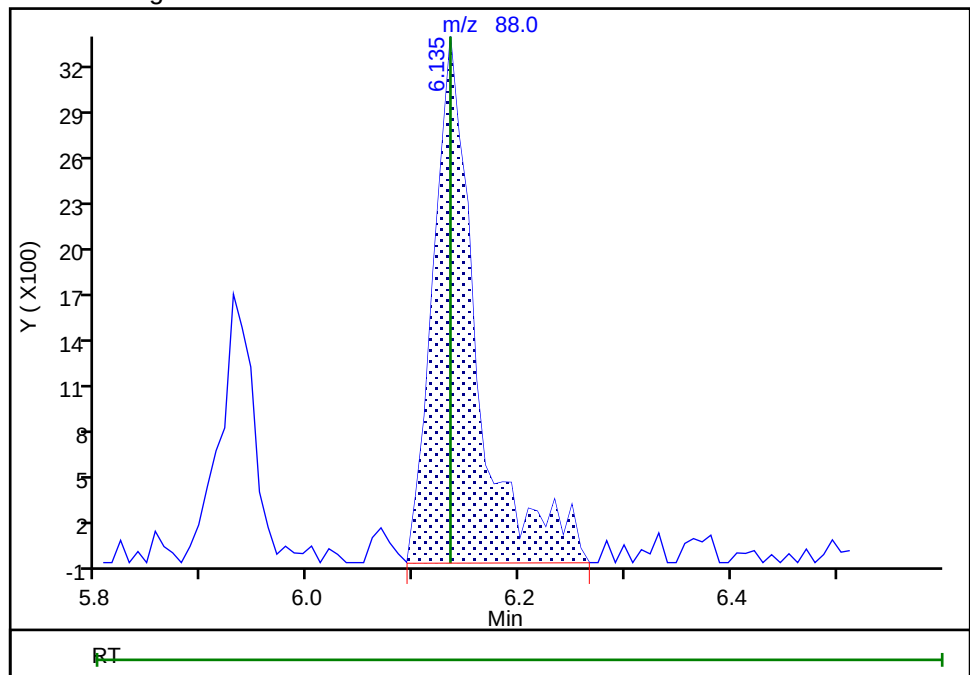
RT: 6.13
Area: 9036
Amount: 360.1290
Amount Units: ug/l

Processing Integration Results



RT: 6.13
Area: 9739
Amount: 388.1470
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 15-Dec-2019 12:07:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Lab Sample ID: CCVIS 460-662428/3 Calibration Date: 12/14/2019 23:03

Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43

Lab File ID: F89860.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4935	0.4701	0.1000	19.1	20.0	-4.7	20.0
Chloromethane	Ave	0.5672	0.6524	0.1000	23.0	20.0	15.0	20.0
Butadiene	Ave	0.5090	0.4882		19.2	20.0	-4.1	20.0
Vinyl chloride	Ave	0.5333	0.5691	0.1000	21.3	20.0	6.7	20.0
Bromomethane	Ave	0.3660	0.3110	0.1000	17.0	20.0	-15.0	50.0
Chloroethane	Ave	0.3349	0.3030	0.1000	18.1	20.0	-9.5	50.0
Dichlorofluoromethane	Ave	0.8878	0.7122		16.0	20.0	-19.8	20.0
Pentane	QuaF		2.349		40.6	40.0	1.5	20.0
Trichlorofluoromethane	Ave	0.6378	0.5347	0.1000	16.8	20.0	-16.2	20.0
Ethanol	Ave	0.0514	0.0350		544	800	-32.0	50.0
Ethyl ether	Ave	0.2446	0.2473		20.2	20.0	1.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2965	0.2862		19.3	20.0	-3.5	20.0
Acrolein	Ave	1.484	1.429		38.5	40.0	-3.7	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3255	0.3079	0.1000	18.9	20.0	-5.4	20.0
1,1-Dichloroethene	Ave	0.3064	0.2873	0.1000	18.8	20.0	-6.2	20.0
Acetone	Ave	0.8207	0.8837	0.0500	108	100	7.7	50.0
Iodomethane	Ave	0.5742	0.5174		18.0	20.0	-9.9	20.0
Isopropyl alcohol	Ave	0.6250	0.4908		157	200	-21.5	50.0
Carbon disulfide	Ave	1.173	1.218	0.1000	20.8	20.0	3.8	50.0
Allyl chloride	Ave	0.6176	0.6068		19.7	20.0	-1.7	20.0
Methyl acetate	Ave	0.2619	0.2556	0.1000	39.0	40.0	-2.4	20.0
Cyclopentene	Ave	0.7695	0.7218		18.8	20.0	-6.2	20.0
Acetonitrile	Ave	1.550	2.374		306	200	53.2*	20.0
Methylene Chloride	Ave	0.3541	0.3479	0.1000	19.6	20.0	-1.8	20.0
2-Methyl-2-propanol	Ave	1.029	0.7346		143	200	-28.6	50.0
Methyl tert-butyl ether	Ave	0.9028	0.8779	0.1000	19.4	20.0	-2.8	20.0
trans-1,2-Dichloroethene	Ave	0.2984	0.2924	0.1000	19.6	20.0	-2.0	20.0
Acrylonitrile	Ave	0.1263	0.1387		220	200	9.8	20.0
Hexane	Lin2		0.3013		21.3	20.0	6.4	20.0
Isopropyl ether	Ave	1.028	1.090		21.2	20.0	6.0	20.0
1,1-Dichloroethane	Ave	0.5630	0.5875	0.2000	20.9	20.0	4.4	20.0
Vinyl acetate	Ave	0.0715	0.0539		30.1	40.0	-24.6*	20.0
2-Chloro-1,3-butadiene	Ave	0.2717	0.2539		18.7	20.0	-6.6	20.0
Tert-butyl ethyl ether	Ave	1.001	0.9460		18.9	20.0	-5.5	20.0
2,2-Dichloropropane	Ave	0.1169	0.0979		16.8	20.0	-16.2	20.0
cis-1,2-Dichloroethene	Ave	0.3250	0.3260	0.1000	20.1	20.0	0.3	20.0
Ethyl acetate	Ave	0.2632	0.1834		27.9	40.0	-30.3*	20.0
2-Butanone (MEK)	Ave	0.2820	0.2478	0.0500	87.9	100	-12.1	50.0
Methyl acrylate	Ave	0.3790	0.3474		18.3	20.0	-8.3	20.0
Propionitrile	Ave	1.500	2.065		275	200	37.7*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Lab Sample ID: CCVIS 460-662428/3 Calibration Date: 12/14/2019 23:03

Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43

Lab File ID: F89860.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
Chlorobromomethane	Ave	0.1624	0.1551		19.1	20.0	-4.5	20.0
Tetrahydrofuran	Qua2		0.3012		36.1	40.0	-9.7	20.0
Methacrylonitrile	Ave	0.1328	0.1266		191	200	-4.7	20.0
Chloroform	Ave	0.5235	0.5209	0.2000	19.9	20.0	-0.5	20.0
Cyclohexane	Ave	0.4994	0.4887	0.1000	19.6	20.0	-2.1	50.0
1,1,1-Trichloroethane	Ave	0.4967	0.4287	0.1000	17.3	20.0	-13.7	20.0
Carbon tetrachloride	Ave	0.4190	0.2911	0.1000	13.9	20.0	-30.5*	20.0
1,1-Dichloropropene	Ave	0.3945	0.3935		20.0	20.0	-0.2	20.0
Isobutyl alcohol	Ave	0.4485	0.1897		211	500	-57.7*	50.0
Benzene	Ave	1.557	1.720	0.5000	22.1	20.0	10.4	20.0
Isopropyl acetate	Ave	0.9860	0.9543		19.4	20.0	-3.2	20.0
Tert-amyl methyl ether	Ave	0.9272	0.9310		20.1	20.0	0.4	20.0
1,2-Dichloroethane	Ave	0.4291	0.4130	0.1000	19.2	20.0	-3.8	20.0
n-Heptane	Lin2		0.2454		20.8	20.0	3.9	20.0
n-Butanol	Ave	0.2762	0.1740		315	500	-37.0	50.0
Trichloroethene	Ave	0.2874	0.2697	0.2000	18.8	20.0	-6.2	20.0
Ethyl acrylate	Ave	0.8366	0.7195		17.2	20.0	-14.0	20.0
Methylcyclohexane	Ave	0.5652	0.5171	0.1000	18.3	20.0	-8.5	50.0
1,2-Dichloropropane	Ave	0.2898	0.2961	0.1000	20.4	20.0	2.2	20.0
Methyl methacrylate	Ave	0.0851	0.0610		28.7	40.0	-28.3*	20.0
1,4-Dioxane	Ave	1.264	1.193		377	400	-5.6	50.0
Dibromomethane	Ave	0.1787	0.1703		19.1	20.0	-4.7	20.0
n-Propyl acetate	Ave	0.4741	0.3749		15.8	20.0	-20.9*	20.0
Bromodichloromethane	Ave	0.3780	0.3069	0.2000	16.2	20.0	-18.8	20.0
2-Chloroethyl vinyl ether	Ave	0.1837	0.1492		16.3	20.0	-18.8	20.0
2-Nitropropane	QuaF		0.0359		14.9	40.0	-62.6*	20.0
Epichlorohydrin	Lin2		0.1951		356	400	-11.1	20.0
cis-1,3-Dichloropropene	Ave	0.6183	0.5516	0.2000	17.8	20.0	-10.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.394	2.325	0.0500	97.1	100	-2.9	50.0
Toluene	Ave	1.630	1.658	0.4000	20.3	20.0	1.7	20.0
trans-1,3-Dichloropropene	Ave	0.5796	0.4988	0.1000	17.2	20.0	-13.9	50.0
Ethyl methacrylate	Ave	0.5495	0.4467		16.3	20.0	-18.7	20.0
1,1,2-Trichloroethane	Ave	0.2622	0.2901	0.1000	22.1	20.0	10.6	20.0
Tetrachloroethene	Ave	0.3980	0.3787	0.2000	19.0	20.0	-4.8	20.0
1,3-Dichloropropane	Ave	0.5654	0.5712		20.2	20.0	1.0	20.0
2-Hexanone	Ave	1.598	1.417	0.0500	88.7	100	-11.3	50.0
n-Butyl acetate	Ave	0.6950	0.5587		16.1	20.0	-19.6	20.0
Chlorodibromomethane	Ave	0.3743	0.2497	0.1000	13.3	20.0	-33.3	50.0
Ethylene Dibromide	Ave	0.3463	0.3163	0.1000	18.3	20.0	-8.7	20.0
Chlorobenzene	Ave	1.043	0.9842	0.5000	18.9	20.0	-5.6	20.0
Ethylbenzene	Ave	0.5680	0.5702	0.1000	20.1	20.0	0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Lab Sample ID: CCVIS 460-662428/3 Calibration Date: 12/14/2019 23:03

Instrument ID: CVOAMS6 Calib Start Date: 11/29/2019 22:20

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/30/2019 00:43

Lab File ID: F89860.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
1,1,1,2-Tetrachloroethane	Ave	0.4176	0.3061		14.7	20.0	-26.7*	20.0
m-Xylene & p-Xylene	Ave	0.7026	0.7048	0.1000	20.1	20.0	0.3	20.0
n-Butyl acrylate	Ave	0.3458	0.2257		13.1	20.0	-34.7*	20.0
o-Xylene	Ave	0.7343	0.7363	0.3000	20.1	20.0	0.3	20.0
Styrene	Ave	1.201	1.140	0.3000	19.0	20.0	-5.1	20.0
Amyl acetate (mixed isomers)	Ave	1.542	1.101		14.3	20.0	-28.6*	20.0
Bromoform	Ave	0.2755	0.1550	0.1000	11.3	20.0	-43.7*	20.0
Isopropylbenzene	Ave	1.930	1.925	0.1000	20.0	20.0	-0.2	20.0
Bromobenzene	Ave	0.7582	0.6963		18.4	20.0	-8.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7936	0.7667	0.3000	19.3	20.0	-3.4	20.0
N-Propylbenzene	Ave	3.827	3.912		20.4	20.0	2.2	20.0
1,2,3-Trichloropropane	Ave	0.2599	0.2347		18.1	20.0	-9.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2631	0.2418		18.4	20.0	-8.1	20.0
2-Chlorotoluene	Ave	2.628	2.624		20.0	20.0	-0.1	20.0
4-Ethyltoluene	Ave	3.175	3.197		20.1	20.0	0.7	20.0
1,3,5-Trimethylbenzene	Ave	2.745	2.639		19.2	20.0	-3.9	20.0
4-Chlorotoluene	Ave	2.359	2.340		19.8	20.0	-0.8	20.0
Butyl Methacrylate	Ave	1.041	0.7003		13.5	20.0	-32.7*	20.0
tert-Butylbenzene	Ave	2.211	2.028		18.3	20.0	-8.3	20.0
1,2,4-Trimethylbenzene	Ave	2.889	2.749		19.0	20.0	-4.8	20.0
sec-Butylbenzene	Ave	3.552	3.439		19.4	20.0	-3.2	20.0
1,3-Dichlorobenzene	Ave	1.571	1.525	0.6000	19.4	20.0	-2.9	20.0
4-Isopropyltoluene	Ave	3.133	2.944		18.8	20.0	-6.0	20.0
1,4-Dichlorobenzene	Ave	1.615	1.544	0.5000	19.1	20.0	-4.4	20.0
1,2,3-Trimethylbenzene	Ave	3.018	2.903		19.2	20.0	-3.8	20.0
Benzyl chloride	Ave	1.954	1.188		12.2	20.0	-39.2	50.0
Indan	Ave	2.936	2.832		19.3	20.0	-3.5	20.0
p-Diethylbenzene	Ave	1.784	1.726		19.4	20.0	-3.2	20.0
n-Butylbenzene	Ave	1.690	1.724		20.4	20.0	2.0	20.0
1,2-Dichlorobenzene	Ave	1.618	1.596	0.4000	19.7	20.0	-1.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.197	2.804		17.5	20.0	-12.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2051	0.1370	0.0500	13.4	20.0	-33.2	50.0
1,3,5-Trichlorobenzene	Ave	1.374	1.280		18.6	20.0	-6.8	20.0
1,2,4-Trichlorobenzene	Ave	1.255	1.189	0.2000	18.9	20.0	-5.3	20.0
Hexachlorobutadiene	Ave	0.5685	0.4878		17.2	20.0	-14.2	20.0
Naphthalene	Ave	2.811	2.849		20.3	20.0	1.4	50.0
1,2,3-Trichlorobenzene	Ave	1.112	1.054		18.9	20.0	-5.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2609	0.2641		50.6	50.0	1.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3446	0.3509		50.9	50.0	1.8	20.0
Toluene-d8 (Surr)	Ave	1.318	1.391		52.8	50.0	5.5	20.0
4-Bromofluorobenzene	Ave	0.4470	0.4328		48.4	50.0	-3.2	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89860.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 14-Dec-2019 23:03:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0102818-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub54
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 16:09:24 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0318

First Level Reviewer: delpolitov

Date: 15-Dec-2019 16:09:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.640	1.640	0.000	99	72961	20.0	19.1	
3 Chloromethane	50	1.812	1.812	0.000	99	101262	20.0	23.0	
5 Butadiene	54	1.895	1.895	0.000	96	75775	20.0	19.2	
4 Vinyl chloride	62	1.903	1.903	0.000	99	88335	20.0	21.3	
6 Bromomethane	94	2.182	2.182	0.000	97	48267	20.0	17.0	
7 Chloroethane	64	2.231	2.231	0.000	99	47030	20.0	18.1	
8 Dichlorofluoromethane	67	2.412	2.412	0.000	98	110539	20.0	16.0	
10 Pentane	72	2.429	2.429	0.000	96	17838	40.0	40.6	
9 Trichlorofluoromethane	101	2.437	2.437	0.000	63	82996	20.0	16.8	
12 Ethyl ether	59	2.618	2.618	0.000	92	38389	20.0	20.2	
11 Ethanol	46	2.618	2.618	0.000	77	5313	800.0	544.3	
13 2-Methyl-1,3-butadiene	53	2.642	2.642	0.000	96	44423	20.0	19.3	
15 Acrolein	56	2.790	2.790	0.000	94	10856	40.0	38.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	96	47783	20.0	18.9	
17 1,1-Dichloroethene	96	2.831	2.831	0.000	96	44586	20.0	18.8	
18 Acetone	43	2.913	2.913	0.000	85	95714	100.0	107.7	
19 Iodomethane	142	2.987	2.987	0.000	98	80301	20.0	18.0	
20 Isopropyl alcohol	45	2.996	2.996	0.000	33	18639	200.0	157.1	
21 Carbon disulfide	76	3.029	3.029	0.000	100	189029	20.0	20.8	
22 3-Chloro-1-propene	41	3.135	3.135	0.000	89	94182	20.0	19.7	
24 Methyl acetate	43	3.144	3.144	0.000	99	79335	40.0	39.0	
23 Cyclopentene	67	3.152	3.152	0.000	94	112028	20.0	18.8	
25 Acetonitrile	41	3.201	3.201	0.000	96	90162	200.0	306.3	a
27 Methylene Chloride	84	3.259	3.259	0.000	97	53991	20.0	19.6	
* 26 TBA-d9 (IS)	65	3.259	3.259	0.000	0	189879	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.308	3.308	0.000	91	27895	200.0	142.7	a
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	98	136252	20.0	19.4	
30 trans-1,2-Dichloroethene	96	3.439	3.439	0.000	99	45380	20.0	19.6	
31 Acrylonitrile	53	3.513	3.513	0.000	93	215245	200.0	219.6	
32 Hexane	43	3.587	3.587	0.000	94	46757	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.793	3.793	0.000	96	169209	20.0	21.2	
34 1,1-Dichloroethane	63	3.826	3.826	0.000	99	91191	20.0	20.9	
35 Vinyl acetate	86	3.842	3.842	0.000	99	16732	40.0	30.1	
36 2-Chloro-1,3-butadiene	88	3.875	3.875	0.000	95	39413	20.0	18.7	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	89	146823	20.0	18.9	
* 38 2-Butanone-d5	46	4.302	4.302	0.000	0	270772	250.0	250.0	
39 2,2-Dichloropropane	97	4.335	4.335	0.000	91	15197	20.0	16.8	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	93	50592	20.0	20.1	
42 Ethyl acetate	70	4.351	4.351	0.000	93	7944	40.0	27.9	
41 2-Butanone (MEK)	72	4.360	4.360	0.000	95	26842	100.0	87.9	
43 Methyl acrylate	55	4.409	4.409	0.000	98	37345	20.0	18.3	
44 Propionitrile	54	4.491	4.491	0.000	97	78409	200.0	275.4	
45 Chlorobromomethane	128	4.565	4.565	0.000	96	24070	20.0	19.1	
46 Tetrahydrofuran	72	4.573	4.573	0.000	58	13048	40.0	36.1	
47 Methacrylonitrile	67	4.590	4.590	0.000	95	196507	200.0	190.7	
48 Chloroform	83	4.614	4.614	0.000	96	80849	20.0	19.9	
49 Cyclohexane	84	4.754	4.754	0.000	94	75842	20.0	19.6	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	73	66533	20.0	17.3	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	96	102478	50.0	50.6	
52 Carbon tetrachloride	117	4.877	4.877	0.000	94	45183	20.0	13.9	
53 1,1-Dichloropropene	75	4.910	4.910	0.000	92	61077	20.0	20.0	
54 Isobutyl alcohol	43	5.017	5.017	0.000	82	18008	500.0	211.5	
55 Benzene	78	5.107	5.107	0.000	98	184910	20.0	22.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	0	136147	50.0	50.9	
57 Isopropyl acetate	43	5.157	5.157	0.000	97	148107	20.0	19.4	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	93	144496	20.0	20.1	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	98	64094	20.0	19.2	
60 n-Heptane	57	5.255	5.255	0.000	95	38087	20.0	20.8	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	388020	50.0	50.0	
62 n-Butanol	56	5.683	5.683	0.000	94	16523	500.0	315.0	
63 Trichloroethene	95	5.740	5.740	0.000	97	41852	20.0	18.8	
65 Ethyl acrylate	55	5.863	5.863	0.000	95	111673	20.0	17.2	
64 Methylcyclohexane	83	5.872	5.872	0.000	89	80261	20.0	18.3	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	85	45960	20.0	20.4	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	18434	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	93	18931	40.0	28.7	
69 1,4-Dioxane	88	6.134	6.134	0.000	84	8798	400.0	377.5	
71 Dibromomethane	93	6.151	6.151	0.000	95	26435	20.0	19.1	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	58180	20.0	15.8	
72 Dichlorobromomethane	83	6.299	6.299	0.000	97	47625	20.0	16.2	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	85	23213	20.0	16.3	
73 2-Nitropropane	41	6.636	6.636	0.000	72	11133	40.0	14.9	
75 Epichlorohydrin	57	6.743	6.743	0.000	99	84526	400.0	355.8	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	98	59295	20.0	17.8	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	98	251831	100.0	97.1	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	98	373892	50.0	52.8	
79 Toluene	91	7.129	7.129	0.000	93	178219	20.0	20.3	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	97	53618	20.0	17.2	
81 Ethyl methacrylate	69	7.507	7.507	0.000	92	48016	20.0	16.3	
82 1,1,2-Trichloroethane	83	7.687	7.687	0.000	93	31186	20.0	22.1	
83 Tetrachloroethene	166	7.737	7.737	0.000	97	40705	20.0	19.0	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	96	61397	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Hexanone	43	7.959	7.959	0.000	98	153523	100.0	88.7	
86 n-Butyl acetate	43	8.082	8.082	0.000	97	60052	20.0	16.1	
87 Chlorodibromomethane	129	8.123	8.123	0.000	97	26840	20.0	13.3	
88 Ethylene Dibromide	107	8.279	8.279	0.000	98	33996	20.0	18.3	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	268732	50.0	50.0	
90 Chlorobenzene	112	8.871	8.871	0.000	92	105796	20.0	18.9	
91 Ethylbenzene	106	8.978	8.978	0.000	99	61294	20.0	20.1	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	89	32903	20.0	14.7	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	75758	20.0	20.1	
94 n-Butyl acrylate	73	9.561	9.561	0.000	95	24262	20.0	13.1	
95 o-Xylene	106	9.569	9.569	0.000	93	79144	20.0	20.1	
96 Styrene	104	9.602	9.602	0.000	94	122548	20.0	19.0	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	74395	20.0	14.3	
98 Bromoform	173	9.799	9.799	0.000	94	16665	20.0	11.3	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	206920	20.0	20.0	
\$ 100 4-Bromofluorobenzene	174	10.087	10.087	0.000	86	116308	50.0	48.4	
101 Bromobenzene	156	10.210	10.210	0.000	96	47039	20.0	18.4	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	97	51796	20.0	19.3	
103 N-Propylbenzene	91	10.268	10.268	0.000	98	264294	20.0	20.4	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	96	15856	20.0	18.1	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	75	16334	20.0	18.4	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	177299	20.0	20.0	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	215958	20.0	20.1	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	93	178272	20.0	19.2	
109 4-Chlorotoluene	91	10.448	10.448	0.000	99	158116	20.0	19.8	
110 Butyl Methacrylate	87	10.498	10.498	0.000	96	47309	20.0	13.5	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	136982	20.0	18.3	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	185706	20.0	19.0	
113 sec-Butylbenzene	105	10.810	10.810	0.000	98	232350	20.0	19.4	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	198877	20.0	18.8	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	72	103058	20.0	19.4	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	168893	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	95	104283	20.0	19.1	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	196127	20.0	19.2	
118 Benzyl chloride	91	11.081	11.081	0.000	98	80265	20.0	12.2	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	191332	20.0	19.3	
120 p-Diethylbenzene	119	11.163	11.163	0.000	93	116612	20.0	19.4	
121 n-Butylbenzene	92	11.180	11.180	0.000	95	116448	20.0	20.4	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	107795	20.0	19.7	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	97	189413	20.0	17.5	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	88	9255	20.0	13.4	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	86473	20.0	18.6	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	93	80324	20.0	18.9	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	32952	20.0	17.2	
128 Naphthalene	128	12.371	12.371	0.000	99	192459	20.0	20.3	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	93	71174	20.0	18.9	
S 130 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 131 Xylenes, Total	100				0		40.0	40.1	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89860.D

Injection Date: 14-Dec-2019 23:03:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

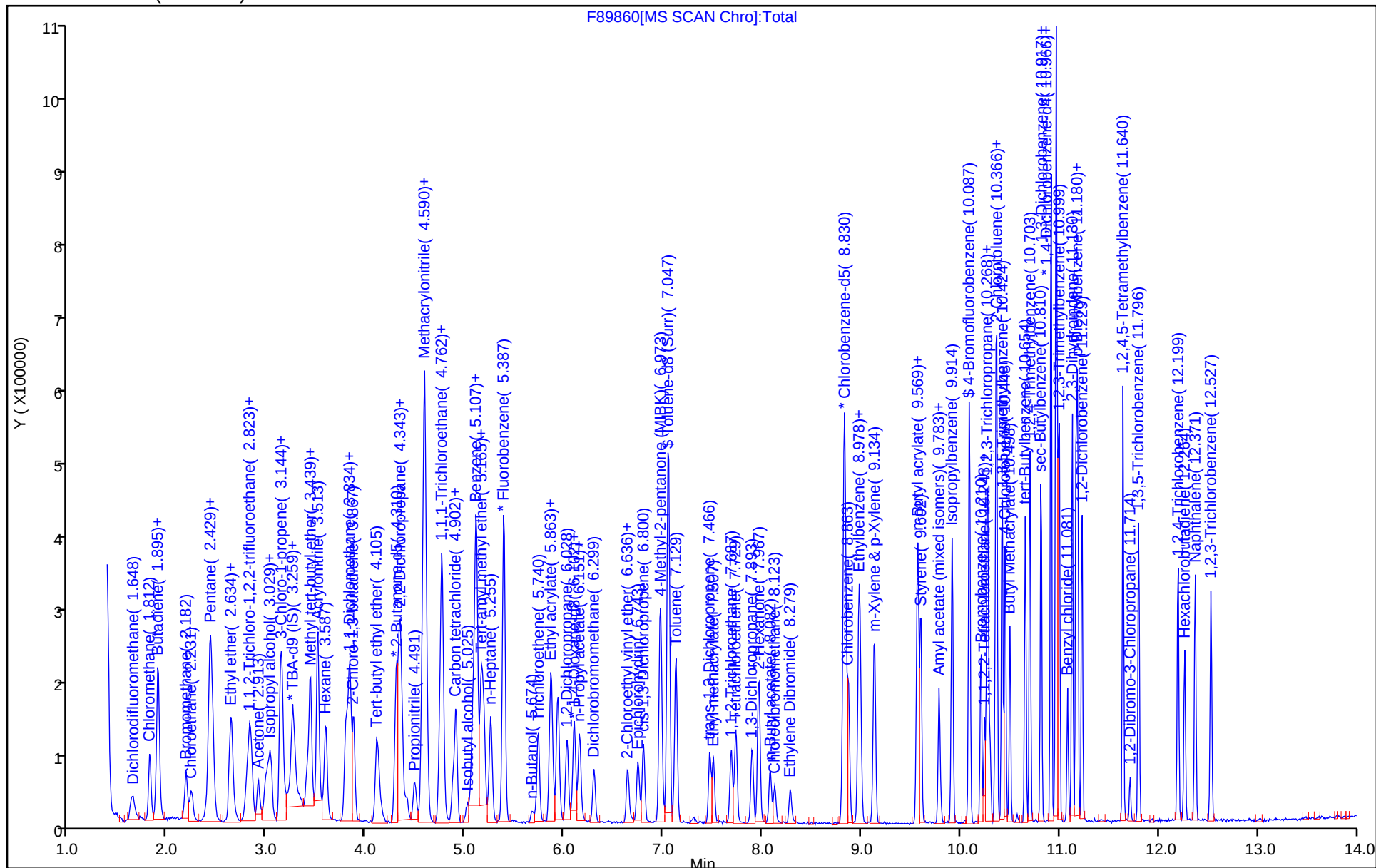
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89860.D

Injection Date: 14-Dec-2019 23:03:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

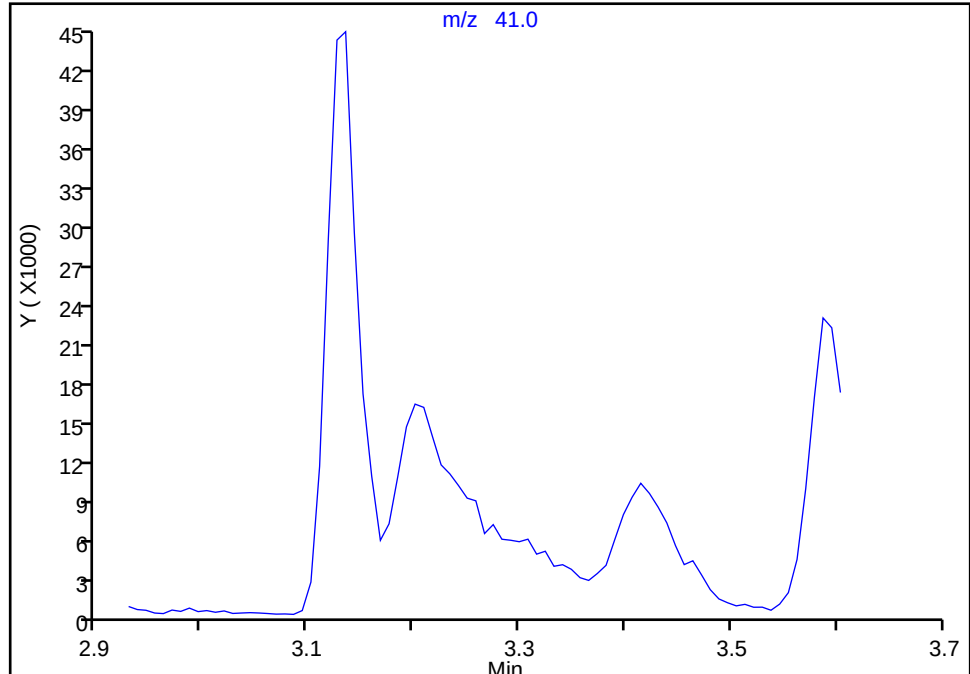
25 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.20

Processing Integration Results



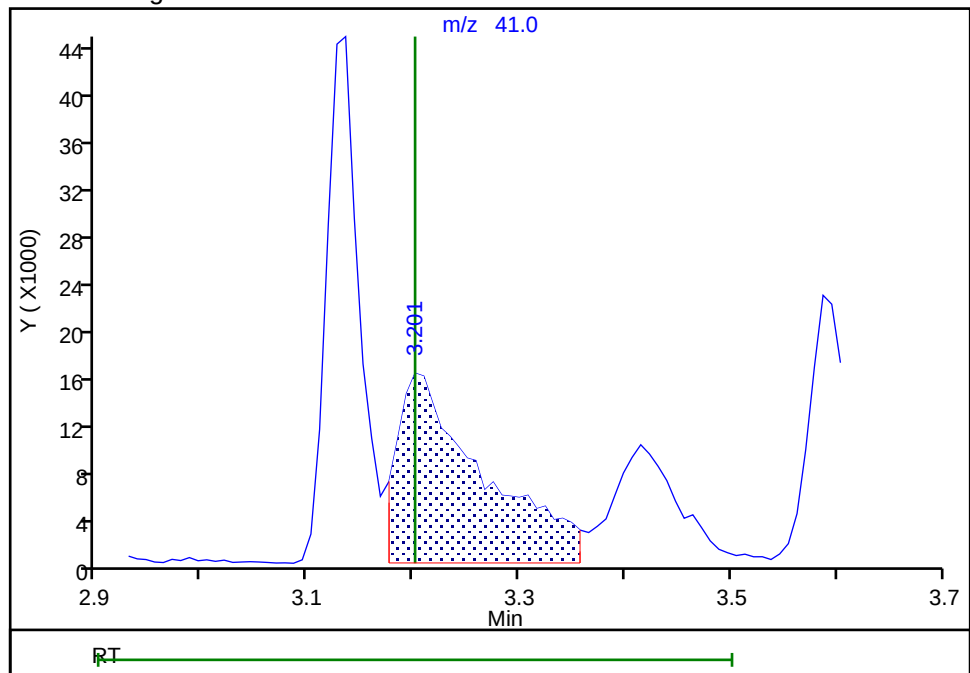
RT: 3.20

Area: 90162

Amount: 306.3198

Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 14-Dec-2019 23:22:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89860.D

Injection Date: 14-Dec-2019 23:03:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

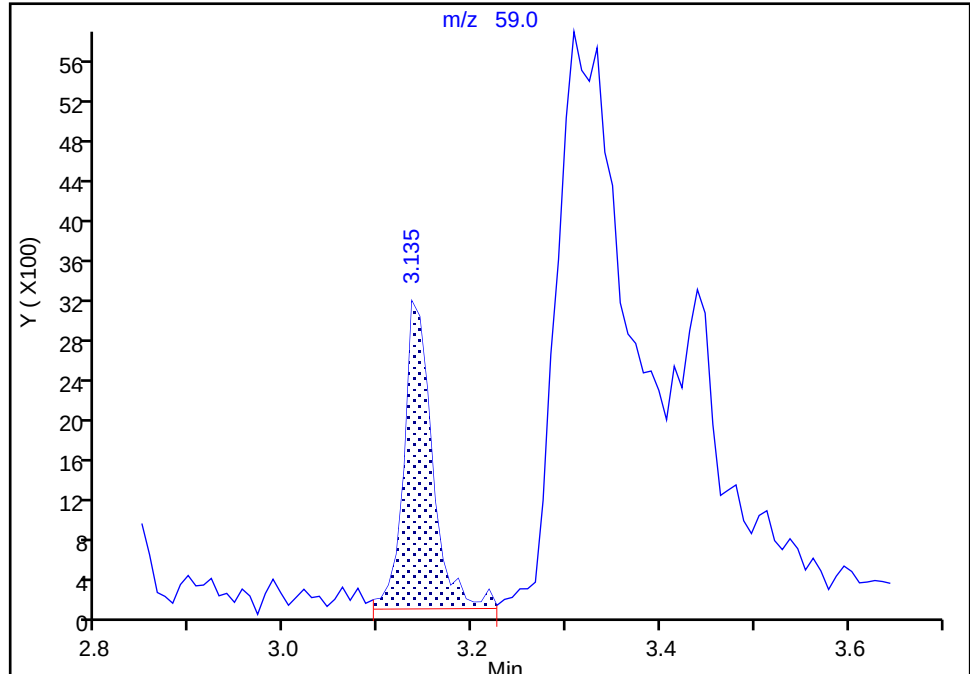
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

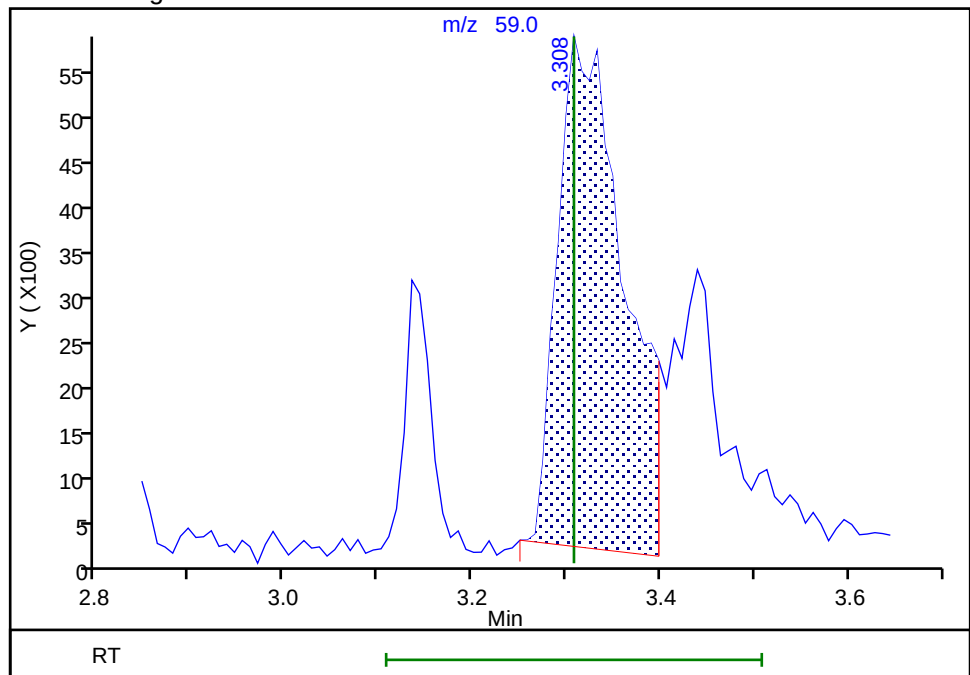
RT: 3.14
Area: 6444
Amount: 32.969447
Amount Units: ug/l

Processing Integration Results



RT: 3.31
Area: 27895
Amount: 142.7192
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 14-Dec-2019 23:25:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89083.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 29-Nov-2019 21:13:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0102044-001
Operator ID: Instrument ID: CVOAMS6
Method: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 02-Dec-2019 11:35:14 Calib Date: 30-Nov-2019 00:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0337

First Level Reviewer: boykink

Date: 29-Nov-2019 21:41:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 133 BFB	95	3.450	3.450	0.000	87	64616	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00024

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89083.D

Injection Date: 29-Nov-2019 21:13:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

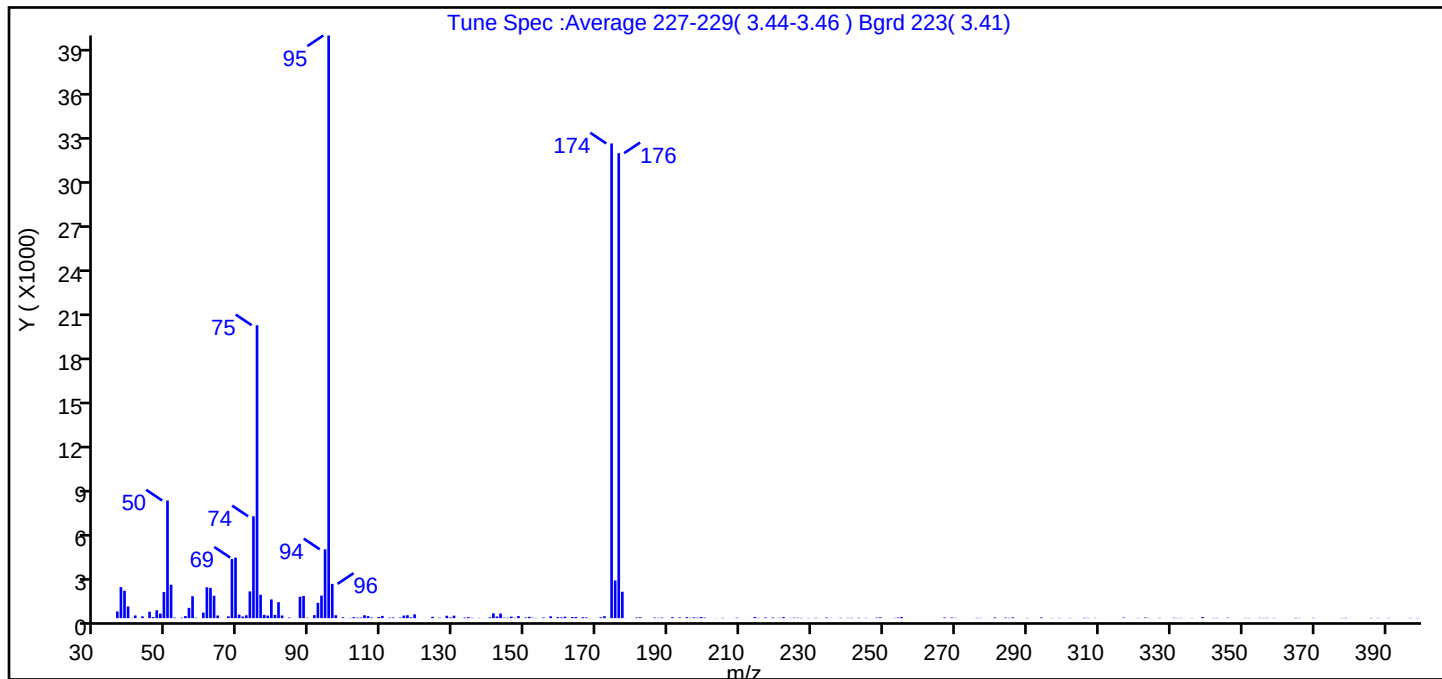
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.2
75	30 to 60% of m/z 95	50.3
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	81.5
175	5 to 9% of m/z 174	6.5 (7.9)
176	Greater than 95% but less than 101% of m/z 174	79.8 (97.9)
177	5 to 9% of m/z 176	4.5 (5.7)

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89083.D\8260624W6.rslt\spectra.d
Injection Date: 29-Nov-2019 21:13:30
Spectrum: Tune Spec :Average 227-229(3.44-3.46) Bgrd 223(3.41)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 196

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	454	95.00	39640	164.00	79	253.00	18
37.00	2111	96.00	2333	166.00	64	254.00	45
38.00	1868	97.00	199	167.00	44	255.00	80
39.00	794	99.00	60	168.00	9	267.00	44
40.00	21	101.00	18	171.00	58	269.00	43
41.00	185	102.00	68	172.00	134	270.00	21
43.00	121	103.00	33	174.00	32296	276.00	23
45.00	435	104.00	43	175.00	2565	277.00	19
46.00	74	105.00	197	176.00	31632	281.00	48
47.00	535	106.00	138	177.00	1796	284.00	37
48.00	311	107.00	41	178.00	6	285.00	19
49.00	1775	109.00	79	181.00	42	286.00	55
50.00	8004	110.00	153	182.00	57	290.00	19
51.00	2271	112.00	33	186.00	39	294.00	47
52.00	35	113.00	43	187.00	19	297.00	16
54.00	34	115.00	43	188.00	40	299.00	20
55.00	140	116.00	176	191.00	67	302.00	17
56.00	698	117.00	199	193.00	45	306.00	26
57.00	1490	118.00	56	195.00	64	307.00	18
58.00	29	119.00	259	196.00	20	309.00	17
60.00	376	124.00	89	197.00	53	317.00	36
61.00	2099	126.00	30	198.00	27	321.00	17
62.00	2060	128.00	163	199.00	78	323.00	42
63.00	1525	129.00	48	200.00	37	324.00	17
64.00	179	130.00	169	203.00	8	327.00	21
67.00	123	133.00	42	205.00	24	331.00	26
68.00	4018	134.00	66	209.00	31	332.00	16
69.00	4118	135.00	26	214.00	77	333.00	18
70.00	239	137.00	19	215.00	20	336.00	16
71.00	109	140.00	58	217.00	46	339.00	76
72.00	196	141.00	327	219.00	42	342.00	18
73.00	1818	142.00	113	221.00	26	343.00	20
74.00	6929	143.00	311	222.00	68	346.00	33

Report Date: 02-Dec-2019 11:35:16

Chrom Revision: 2.3 09-Oct-2019 11:13:36

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89083.D\8260624W6.rslt\spectra.d

Injection Date: 29-Nov-2019 21:13:30

Spectrum: Tune Spec :Average 227-229(3.44-3.46) Bgrd 223(3.41)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 196

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	19928	144.00	29	224.00	17	351.00	19
76.00	1591	145.00	25	225.00	32	352.00	16
77.00	220	146.00	102	226.00	25	355.00	23
78.00	174	147.00	20	227.00	19	356.00	17
79.00	1276	148.00	140	229.00	18	357.00	25
80.00	221	150.00	42	231.00	26	359.00	19
81.00	1084	151.00	87	232.00	5	365.00	26
82.00	181	152.00	30	234.00	40	366.00	17
84.00	40	153.00	12	235.00	18	370.00	22
87.00	1457	154.00	6	238.00	26	378.00	18
88.00	1512	155.00	45	240.00	22	379.00	22
89.00	25	157.00	124	241.00	24	386.00	23
91.00	204	159.00	71	243.00	27	388.00	18
92.00	1042	160.00	53	245.00	20	391.00	17
93.00	1537	161.00	101	248.00	38	397.00	19
94.00	4683	163.00	76	249.00	54	399.00	17

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89799.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 13-Dec-2019 19:17:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0102759-001
Operator ID: Instrument ID: CVOAMS6
Method: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Dec-2019 00:27:00 Calib Date: 30-Nov-2019 00:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0338

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 133 BFB	95	3.459	3.459	0.000	91	45394	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00024

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89799.D

Injection Date: 13-Dec-2019 19:17:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

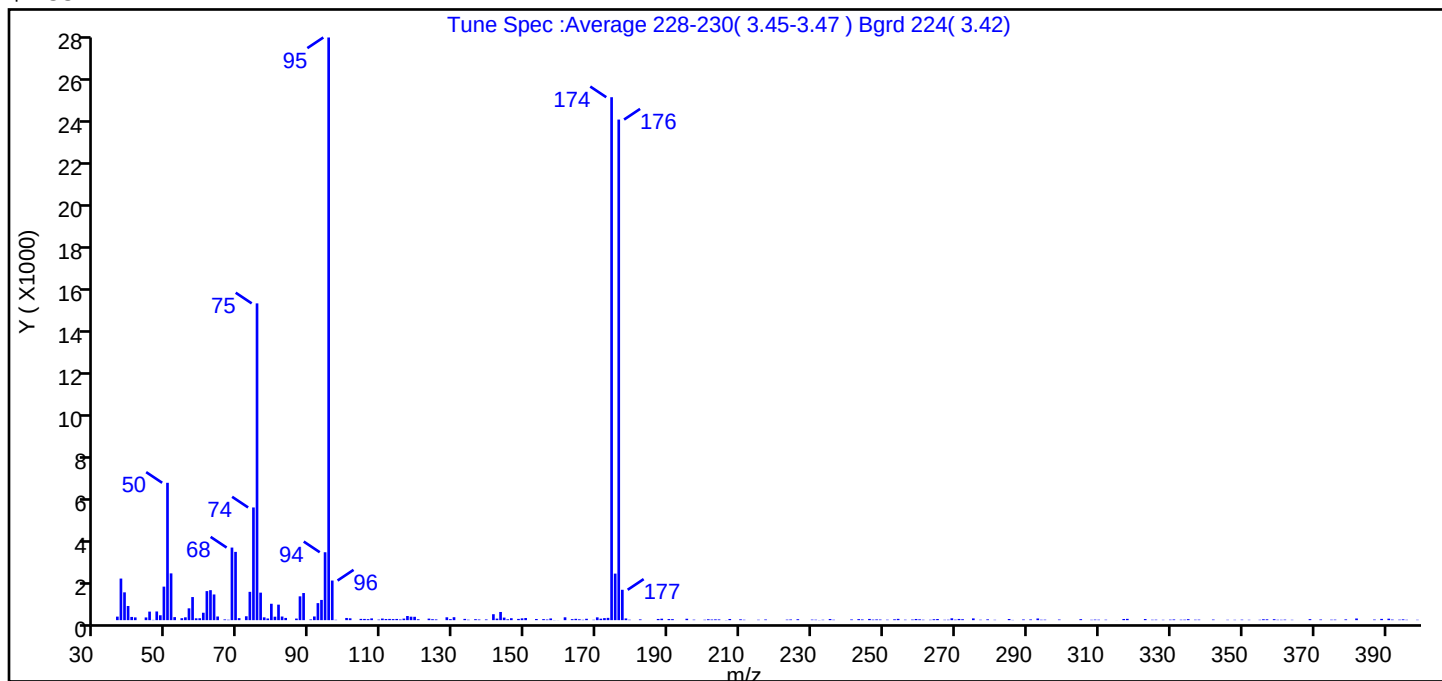
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.6
75	30 to 60% of m/z 95	54.4
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.4 (0.4)
174	50 to 120% of m/z 95	89.7
175	5 to 9% of m/z 174	8.0 (8.9)
176	Greater than 95% but less than 101% of m/z 174	85.9 (95.7)
177	5 to 9% of m/z 176	5.2 (6.1)

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89799.D\8260624W6.rslt\spectra.d
Injection Date: 13-Dec-2019 19:17:30
Spectrum: Tune Spec :Average 228-230(3.45-3.47) Bgrd 224(3.42)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 225

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	165	105.00	57	179.00	19	285.00	53
37.00	1949	106.00	47	182.00	35	286.00	10
38.00	1303	107.00	82	187.00	55	289.00	31
39.00	663	109.00	25	188.00	68	291.00	33
40.00	150	110.00	74	190.00	51	293.00	77
41.00	129	111.00	52	191.00	47	294.00	19
44.00	127	112.00	57	192.00	1	295.00	22
45.00	400	113.00	50	195.00	65	299.00	28
46.00	12	114.00	56	197.00	22	305.00	46
47.00	407	115.00	30	200.00	18	308.00	17
48.00	229	116.00	72	201.00	41	309.00	26
49.00	1571	117.00	194	202.00	29	310.00	21
50.00	6438	118.00	162	203.00	37	312.00	21
51.00	2192	119.00	157	204.00	34	315.00	2
52.00	142	120.00	42	206.00	7	317.00	54
54.00	91	123.00	71	207.00	54	318.00	60
55.00	132	124.00	44	210.00	39	323.00	51
56.00	554	125.00	34	211.00	18	325.00	19
57.00	1082	128.00	134	215.00	19	326.00	22
58.00	85	129.00	48	217.00	31	328.00	16
59.00	89	130.00	138	223.00	24	330.00	23
60.00	347	133.00	59	224.00	31	331.00	33
61.00	1361	134.00	19	226.00	43	333.00	20
62.00	1405	136.00	45	230.00	25	334.00	22
63.00	1204	137.00	30	231.00	21	335.00	46
64.00	171	139.00	33	232.00	6	337.00	21
66.00	34	141.00	278	233.00	18	338.00	24
67.00	18	142.00	72	235.00	52	342.00	27
68.00	3402	143.00	383	236.00	18	346.00	17
69.00	3200	144.00	119	241.00	32	348.00	16
70.00	94	145.00	40	243.00	47	350.00	23
72.00	182	146.00	90	244.00	31	352.00	17
73.00	1327	148.00	58	246.00	56	355.00	17

Report Date: 14-Dec-2019 00:27:00

Chrom Revision: 2.3 09-Oct-2019 11:13:36

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89799.D\8260624W6.rslt\spectra.d

Injection Date: 13-Dec-2019 19:17:30

Spectrum: Tune Spec :Average 228-230(3.45-3.47) Bgrd 224(3.42)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 225

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	5282	149.00	84	247.00	24	356.00	41
75.00	14848	150.00	99	248.00	34	357.00	38
76.00	1289	153.00	54	249.00	28	359.00	44
77.00	131	155.00	48	251.00	21	360.00	17
78.00	78	156.00	29	253.00	39	361.00	17
79.00	768	157.00	79	254.00	60	362.00	25
80.00	162	158.00	6	256.00	21	364.00	16
81.00	726	159.00	3	258.00	27	369.00	47
82.00	170	161.00	133	259.00	54	372.00	30
83.00	104	163.00	47	260.00	37	375.00	21
86.00	74	164.00	62	261.00	19	376.00	24
87.00	1116	165.00	40	263.00	17	379.00	36
88.00	1271	166.00	16	264.00	42	382.00	77
90.00	33	167.00	64	265.00	52	387.00	28
91.00	172	169.00	17	267.00	17	389.00	59
92.00	798	170.00	131	268.00	19	391.00	68
93.00	947	171.00	68	269.00	86	392.00	26
94.00	3183	172.00	95	270.00	23	394.00	22
95.00	27312	173.00	107	271.00	56	395.00	37
96.00	1857	174.00	24512	272.00	43	396.00	17
97.00	16	175.00	2181	275.00	81	399.00	17
100.00	102	176.00	23464	277.00	19		
101.00	86	177.00	1423	279.00	37		
104.00	59	178.00	79	281.00	16		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89827.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 14-Dec-2019 09:06:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0102782-001
Operator ID: Instrument ID: CVOAMS6
Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 14-Dec-2019 10:57:28 Calib Date: 30-Nov-2019 00:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0322

First Level Reviewer: starzecm

Date: 14-Dec-2019 10:57:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 133 BFB	95	3.450	3.450	0.000	89	46104	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00024

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89827.D

Injection Date: 14-Dec-2019 09:06:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

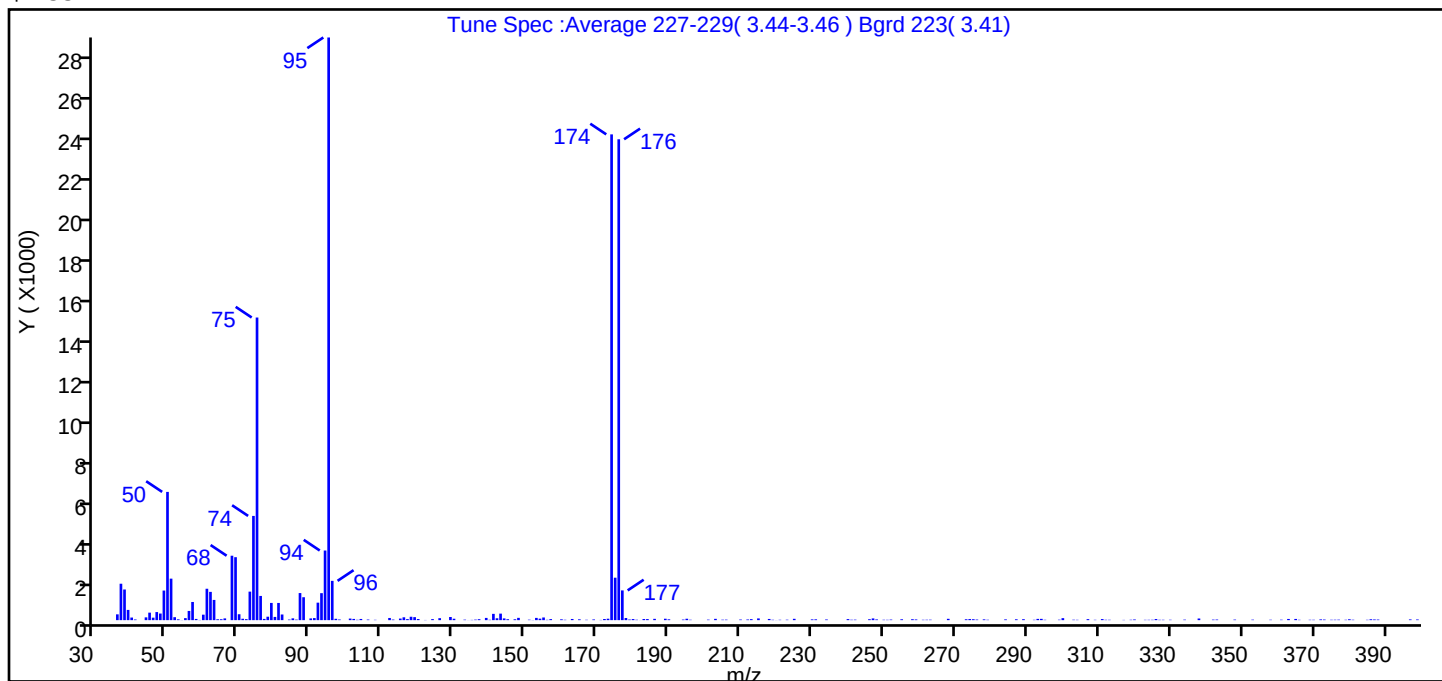
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.0
75	30 to 60% of m/z 95	51.9
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.2 (0.3)
174	50 to 120% of m/z 95	83.4
175	5 to 9% of m/z 174	7.3 (8.7)
176	Greater than 95% but less than 101% of m/z 174	82.5 (99.0)
177	5 to 9% of m/z 176	5.1 (6.2)

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89827.D\8260624W6.rslt\spectra.d
Injection Date: 14-Dec-2019 09:06:30
Spectrum: Tune Spec :Average 227-229(3.44-3.46) Bgrd 223(3.41)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 217

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	284	96.00	1924	177.00	1456	287.00	42
37.00	1783	97.00	66	178.00	104	289.00	46
38.00	1501	98.00	32	179.00	30	292.00	17
39.00	501	101.00	77	180.00	53	293.00	61
40.00	127	102.00	60	181.00	20	294.00	63
41.00	32	103.00	17	182.00	3	295.00	18
44.00	136	104.00	58	183.00	55	299.00	22
45.00	367	106.00	29	184.00	52	300.00	97
46.00	121	108.00	16	186.00	64	303.00	21
47.00	395	112.00	106	189.00	69	304.00	17
48.00	323	113.00	28	190.00	40	307.00	49
49.00	1449	115.00	77	193.00	1	309.00	17
50.00	6279	116.00	139	194.00	28	311.00	52
51.00	2032	117.00	51	195.00	68	312.00	19
52.00	145	118.00	166	196.00	19	313.00	18
53.00	40	119.00	147	201.00	25	317.00	12
54.00	5	120.00	55	203.00	64	319.00	19
55.00	99	122.00	9	205.00	22	320.00	33
56.00	451	124.00	51	206.00	25	323.00	16
57.00	889	126.00	96	210.00	30	324.00	17
58.00	59	129.00	154	212.00	32	325.00	18
59.00	9	130.00	69	213.00	49	326.00	54
60.00	268	133.00	24	215.00	84	327.00	17
61.00	1537	134.00	3	218.00	58	328.00	18
62.00	1384	135.00	12	219.00	18	330.00	19
63.00	990	136.00	26	220.00	4	334.00	25
64.00	44	137.00	47	221.00	18	338.00	80
65.00	45	139.00	109	223.00	22	342.00	26
66.00	85	140.00	17	225.00	65	343.00	30
68.00	3154	141.00	308	230.00	37	348.00	27
69.00	3082	142.00	92	231.00	40	353.00	24
70.00	289	143.00	319	234.00	33	358.00	20
71.00	68	144.00	85	240.00	51	361.00	22

Report Date: 14-Dec-2019 10:57:29

Chrom Revision: 2.3 09-Oct-2019 11:13:36

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89827.D\8260624W6.rslt\spectra.d

Injection Date: 14-Dec-2019 09:06:30

Spectrum: Tune Spec :Average 227-229(3.44-3.46) Bgrd 223(3.41)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 217

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	49	145.00	45	241.00	20	363.00	58
73.00	1396	147.00	43	242.00	24	365.00	59
74.00	5103	148.00	112	246.00	45	366.00	17
75.00	14817	151.00	23	247.00	84	369.00	18
76.00	1185	152.00	6	248.00	36	370.00	18
77.00	60	153.00	110	250.00	19	372.00	37
78.00	168	154.00	73	251.00	17	373.00	29
79.00	843	155.00	130	252.00	28	375.00	19
80.00	158	156.00	16	255.00	42	376.00	21
81.00	842	157.00	51	258.00	45	377.00	24
82.00	277	160.00	40	259.00	34	379.00	18
84.00	28	161.00	18	261.00	18	380.00	43
85.00	88	163.00	57	262.00	20	381.00	20
86.00	27	165.00	40	263.00	22	385.00	17
87.00	1326	167.00	18	268.00	65	386.00	43
88.00	1122	169.00	34	273.00	43	387.00	33
90.00	85	171.00	10	274.00	53	388.00	29
91.00	101	172.00	56	275.00	45	397.00	36
92.00	856	173.00	70	276.00	29	399.00	33
93.00	1321	174.00	23784	278.00	38		
94.00	3409	175.00	2078	279.00	19		
95.00	28528	176.00	23544	284.00	37		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89858.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 14-Dec-2019 22:14:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0102818-001
Operator ID: Instrument ID: CVOAMS6
Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-Dec-2019 16:08:38 Calib Date: 30-Nov-2019 00:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX0318

First Level Reviewer: delpolitov

Date: 15-Dec-2019 16:08:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 133 BFB	95	3.450	3.450	0.000	82	56918	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00024

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89858.D

Injection Date: 14-Dec-2019 22:14:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

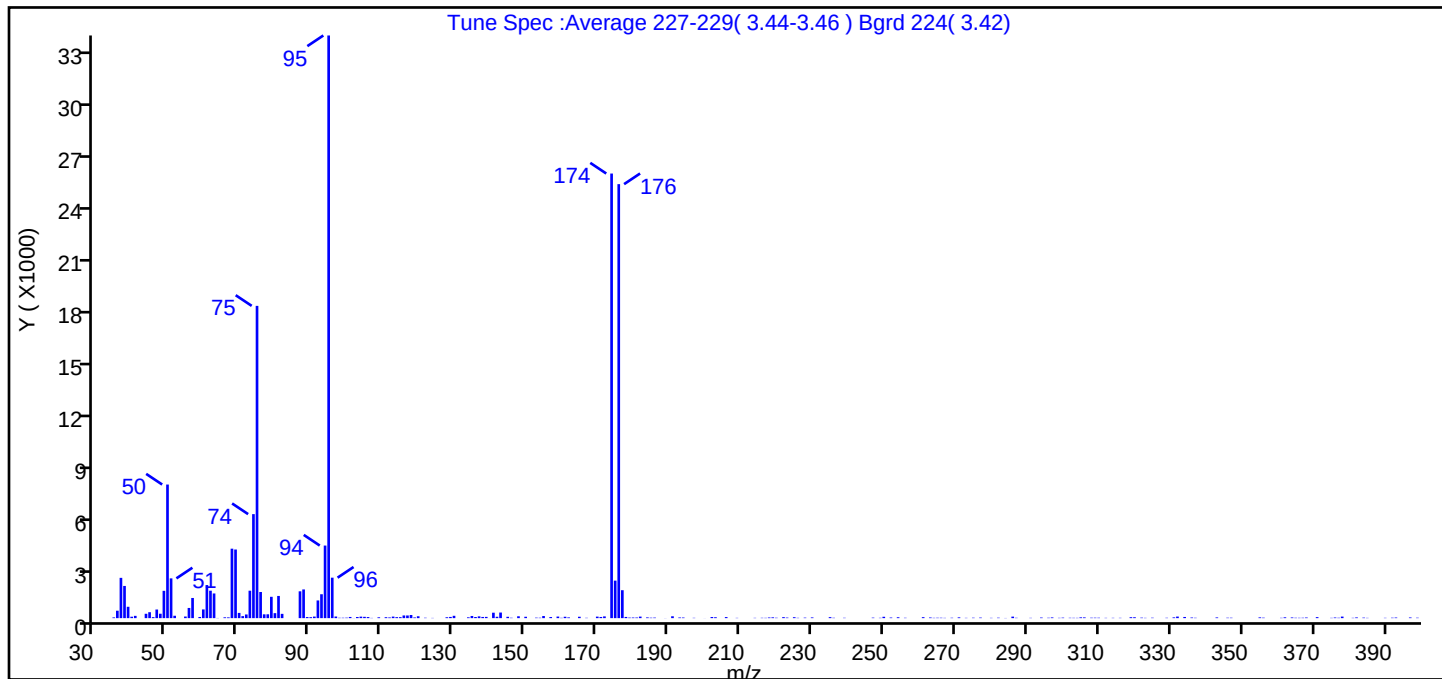
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.9
75	30 to 60% of m/z 95	53.6
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	76.3
175	5 to 9% of m/z 174	6.4 (8.4)
176	Greater than 95% but less than 101% of m/z 174	74.5 (97.6)
177	5 to 9% of m/z 176	4.8 (6.4)

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89858.D\8260624W6.rslt\spectra.d
Injection Date: 14-Dec-2019 22:14:30
Spectrum: Tune Spec :Average 227-229(3.44-3.46) Bgrd 224(3.42)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 219

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	42	100.00	27	178.00	69	291.00	17
36.00	426	101.00	67	179.00	31	294.00	34
37.00	2309	102.00	5	180.00	36	296.00	23
38.00	1845	103.00	64	181.00	35	297.00	41
39.00	651	104.00	86	182.00	88	299.00	18
40.00	82	105.00	75	184.00	42	300.00	29
41.00	131	106.00	62	185.00	25	302.00	21
44.00	250	107.00	13	186.00	31	303.00	19
45.00	340	109.00	48	189.00	5	304.00	17
46.00	58	111.00	53	191.00	107	305.00	45
47.00	494	112.00	40	193.00	37	306.00	42
48.00	253	113.00	88	194.00	35	308.00	25
49.00	1566	114.00	57	197.00	18	309.00	26
50.00	7657	115.00	56	200.00	3	310.00	24
51.00	2279	116.00	154	202.00	64	312.00	17
52.00	137	117.00	153	203.00	51	314.00	18
55.00	92	118.00	180	206.00	61	316.00	18
56.00	584	119.00	40	209.00	16	319.00	53
57.00	1156	120.00	108	214.00	17	320.00	51
59.00	66	122.00	23	216.00	20	322.00	28
60.00	500	124.00	13	217.00	18	323.00	17
61.00	1897	128.00	51	218.00	38	325.00	25
62.00	1573	129.00	69	219.00	46	329.00	21
63.00	1414	130.00	134	220.00	23	331.00	44
64.00	10	134.00	47	222.00	56	332.00	90
66.00	47	135.00	124	223.00	32	334.00	67
67.00	43	136.00	65	225.00	53	336.00	36
68.00	3981	137.00	103	226.00	18	337.00	21
69.00	3933	138.00	68	228.00	29	343.00	41
70.00	300	139.00	72	230.00	41	346.00	24
71.00	116	140.00	2	235.00	57	347.00	24
72.00	211	141.00	312	236.00	21	355.00	44
73.00	1573	142.00	79	239.00	20	356.00	27

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89858.D\8260624W6.rslt\spectra.d

Injection Date: 14-Dec-2019 22:14:30

Spectrum: Tune Spec :Average 227-229(3.44-3.46) Bgrd 224(3.42)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 219

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	5961	143.00	321	247.00	29	361.00	18
75.00	17896	145.00	77	249.00	19	362.00	47
76.00	1498	146.00	22	250.00	78	364.00	39
77.00	219	148.00	107	252.00	35	365.00	22
78.00	221	150.00	79	254.00	51	366.00	20
79.00	1223	153.00	28	256.00	21	367.00	23
80.00	286	154.00	23	261.00	55	368.00	36
81.00	1272	155.00	121	263.00	37	371.00	58
82.00	246	157.00	63	264.00	18	375.00	17
87.00	1538	159.00	90	265.00	23	376.00	37
88.00	1645	160.00	18	266.00	23	377.00	22
89.00	62	161.00	79	267.00	16	378.00	89
90.00	56	162.00	42	269.00	23	381.00	18
91.00	89	165.00	80	271.00	45	382.00	41
92.00	1015	167.00	19	273.00	17	384.00	30
93.00	1370	170.00	87	275.00	25	385.00	16
94.00	4160	171.00	67	277.00	32	390.00	18
95.00	33392	172.00	100	280.00	17	392.00	25
96.00	2319	174.00	25480	282.00	26	393.00	35
97.00	93	175.00	2150	284.00	10	397.00	39
98.00	21	176.00	24872	286.00	87	399.00	25
99.00	23	177.00	1601	287.00	20		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-662202/9

Matrix: Water Lab File ID: F89807.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 12/13/2019 22:56

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.: 662202 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-662202/9
Matrix: Water Lab File ID: F89807.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/13/2019 22:56
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.: 662202 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	94		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89807.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 13-Dec-2019 22:56:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0102759-009
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 14-Dec-2019 11:50:56 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0322

First Level Reviewer: starzecm

Date: 14-Dec-2019 11:51:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	183165	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	227351	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	87132	50.0	50.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	0	114829	50.0	50.1	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	332318	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	19501	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.046	0.001	99	323733	50.0	49.7	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	247246	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	90	104152	50.0	47.1	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	98	148272	50.0	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89807.D

Injection Date: 13-Dec-2019 22:56:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

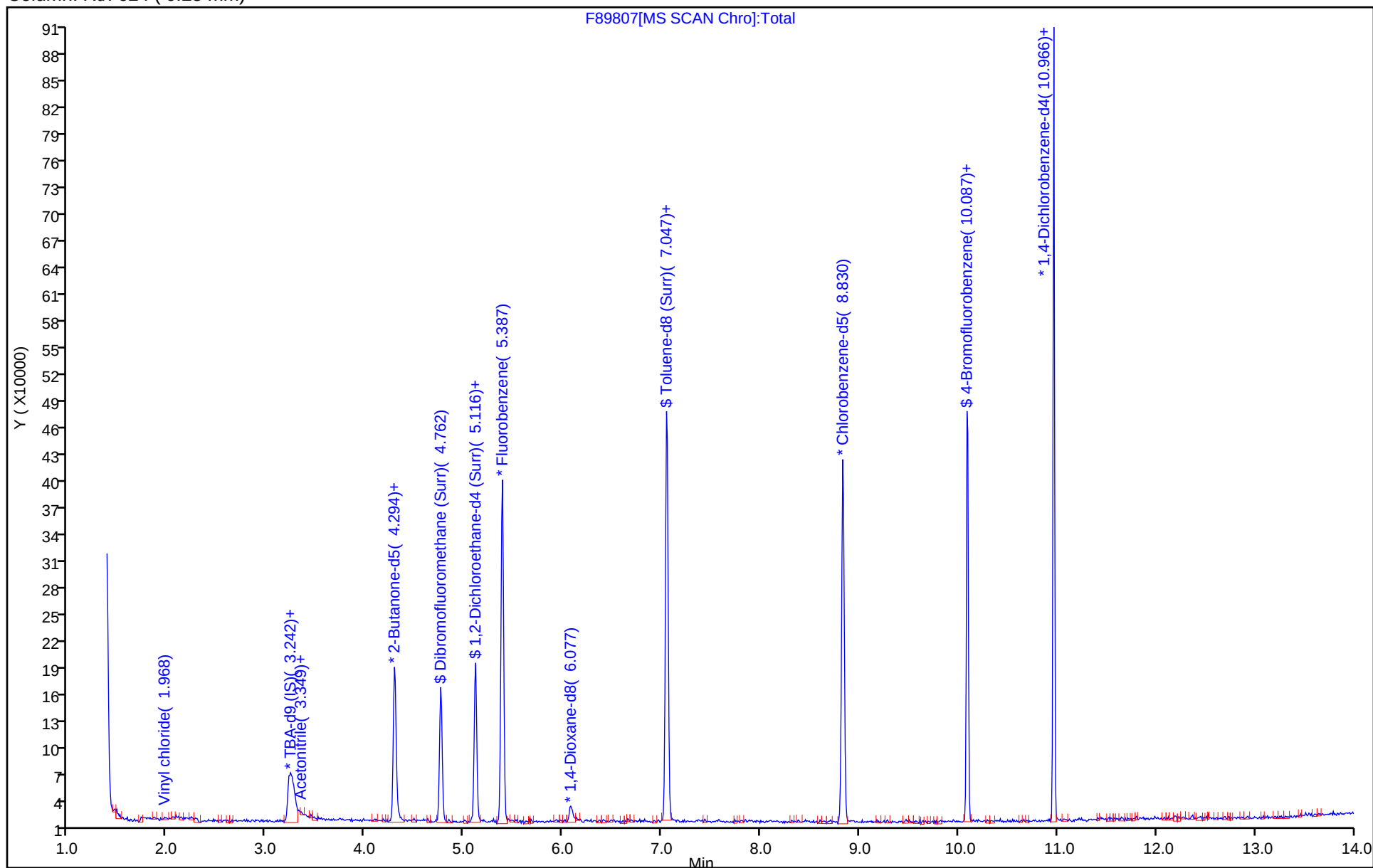
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89807.D

Injection Date: 13-Dec-2019 22:56:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

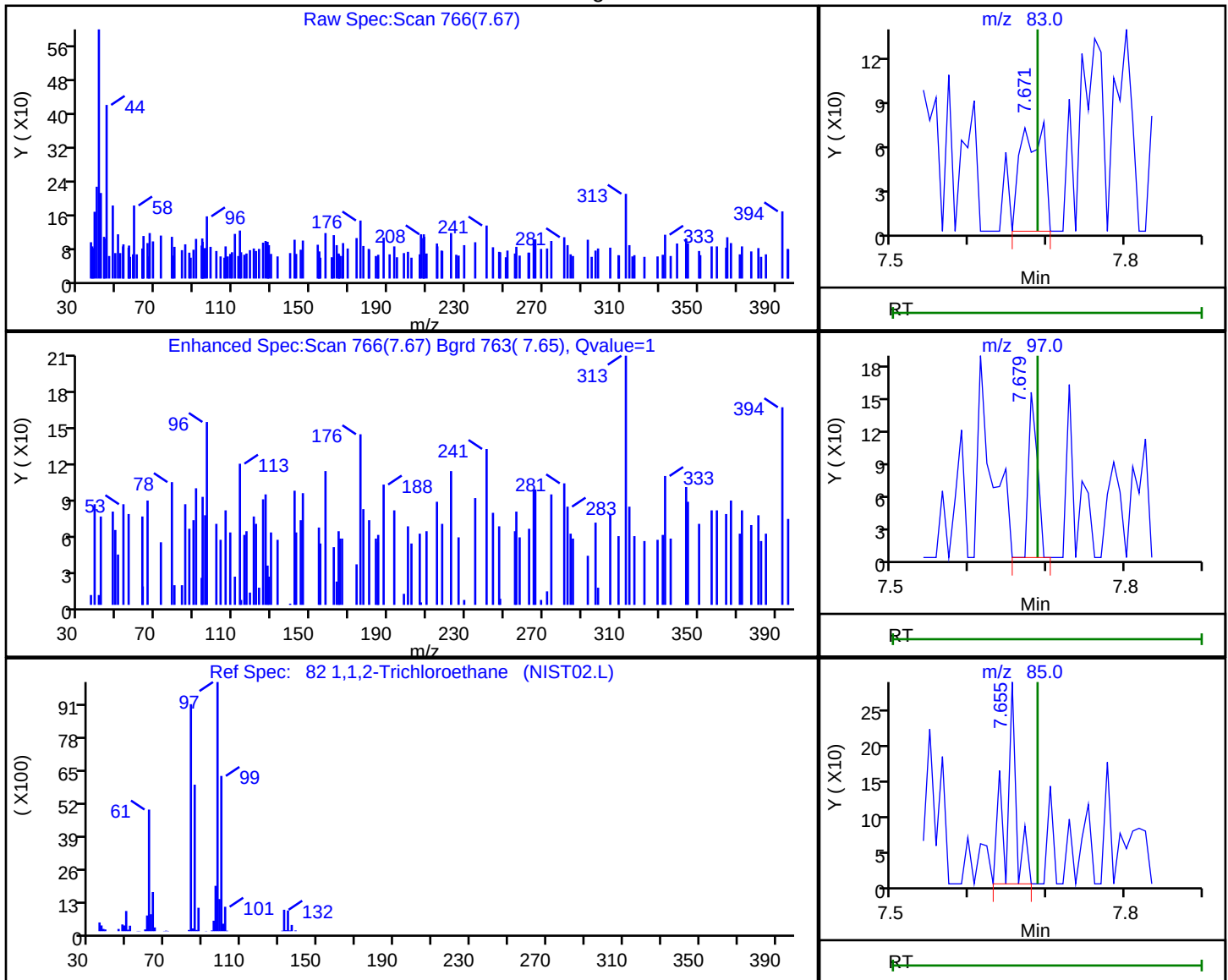
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.67	83.00	146	0.112604
7.68	97.00	116	
7.65	85.00	261	

Reviewer: starzecm, 14-Dec-2019 11:48:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89807.D

Injection Date: 13-Dec-2019 22:56:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

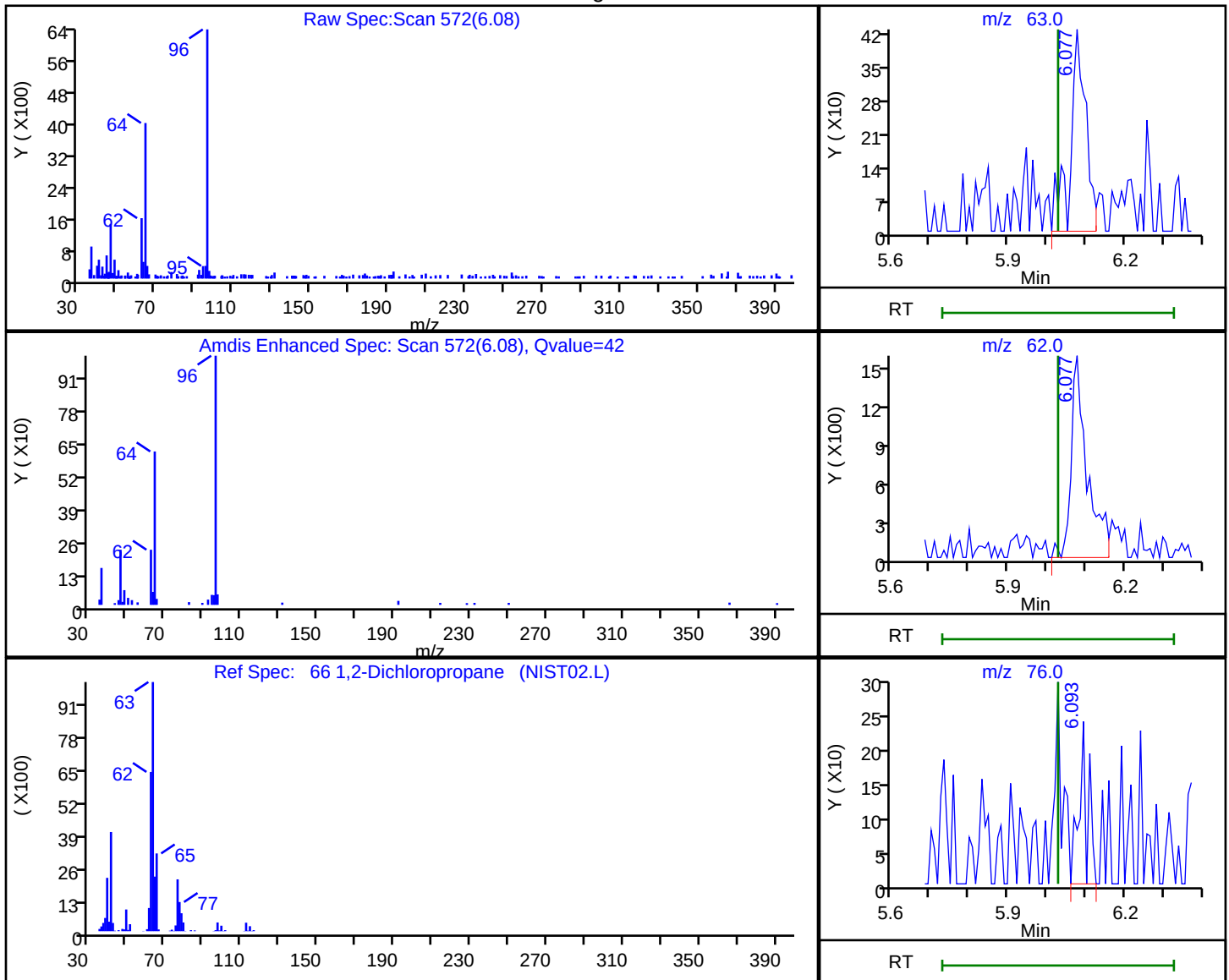
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.08	63.00	1199	0.622569
6.08	62.00	4443	
6.09	76.00	369	
6.03	112.00	0	

Reviewer: starzecm, 14-Dec-2019 11:48:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-662307/9

Matrix: Water Lab File ID: F89835.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 12:28

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.: 662307 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-662307/9
Matrix: Water Lab File ID: F89835.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 12:28
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.: 662307 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89835.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 14-Dec-2019 12:28:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0102782-009
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 14-Dec-2019 14:58:32 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0322

First Level Reviewer: starzecm

Date: 14-Dec-2019 14:58:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.258	3.242	0.016	0	185626	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	241469	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	95929	50.0	49.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.107	0.008	0	125193	50.0	49.1	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	370262	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	19027	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.047	-0.001	99	347920	50.0	51.2	
* 89 Chlorobenzene-d5	117	8.829	8.830	-0.001	88	257858	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	91	109217	50.0	47.4	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	158716	50.0	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89835.D

Injection Date: 14-Dec-2019 12:28:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

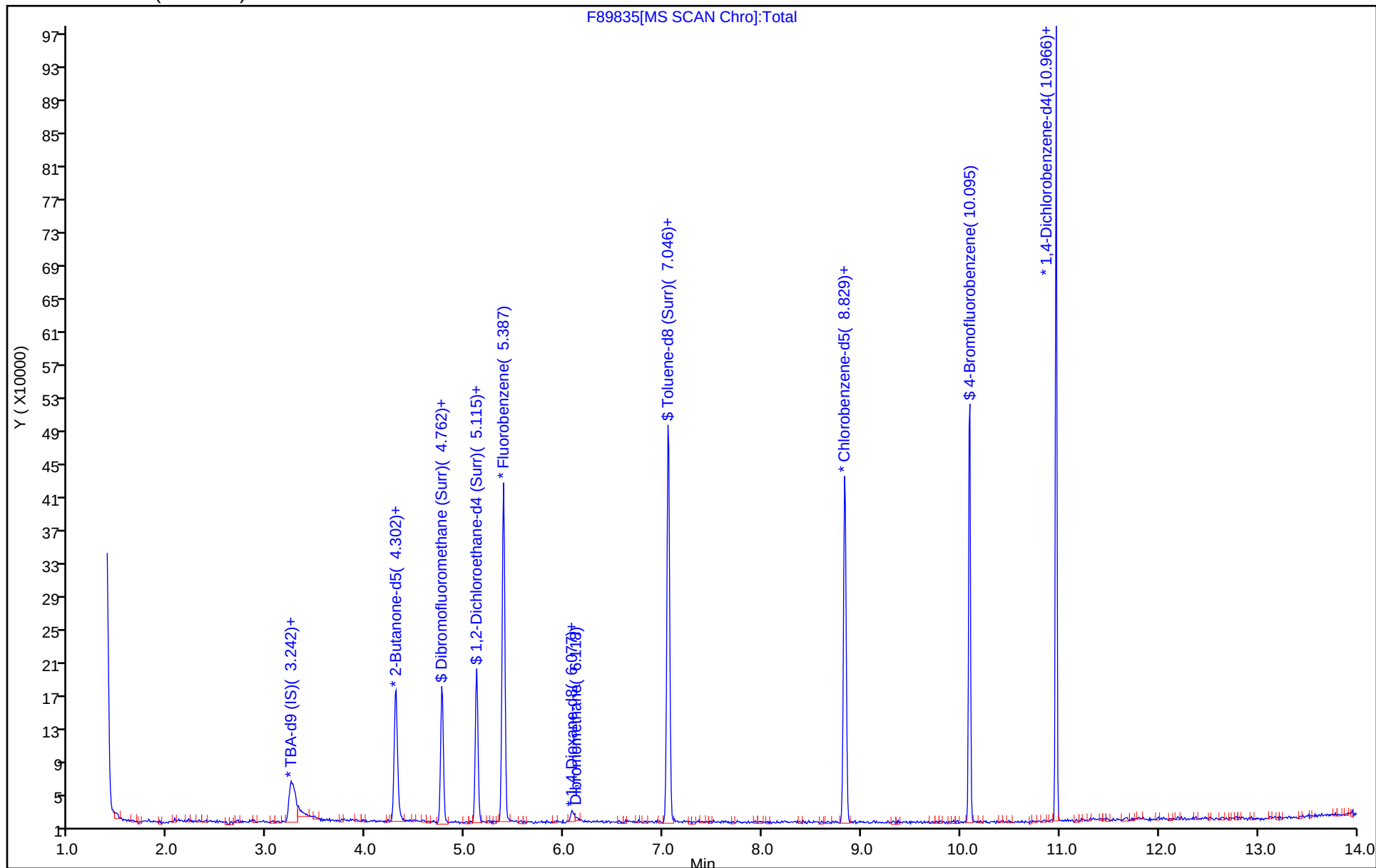
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89835.D

Injection Date: 14-Dec-2019 12:28:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

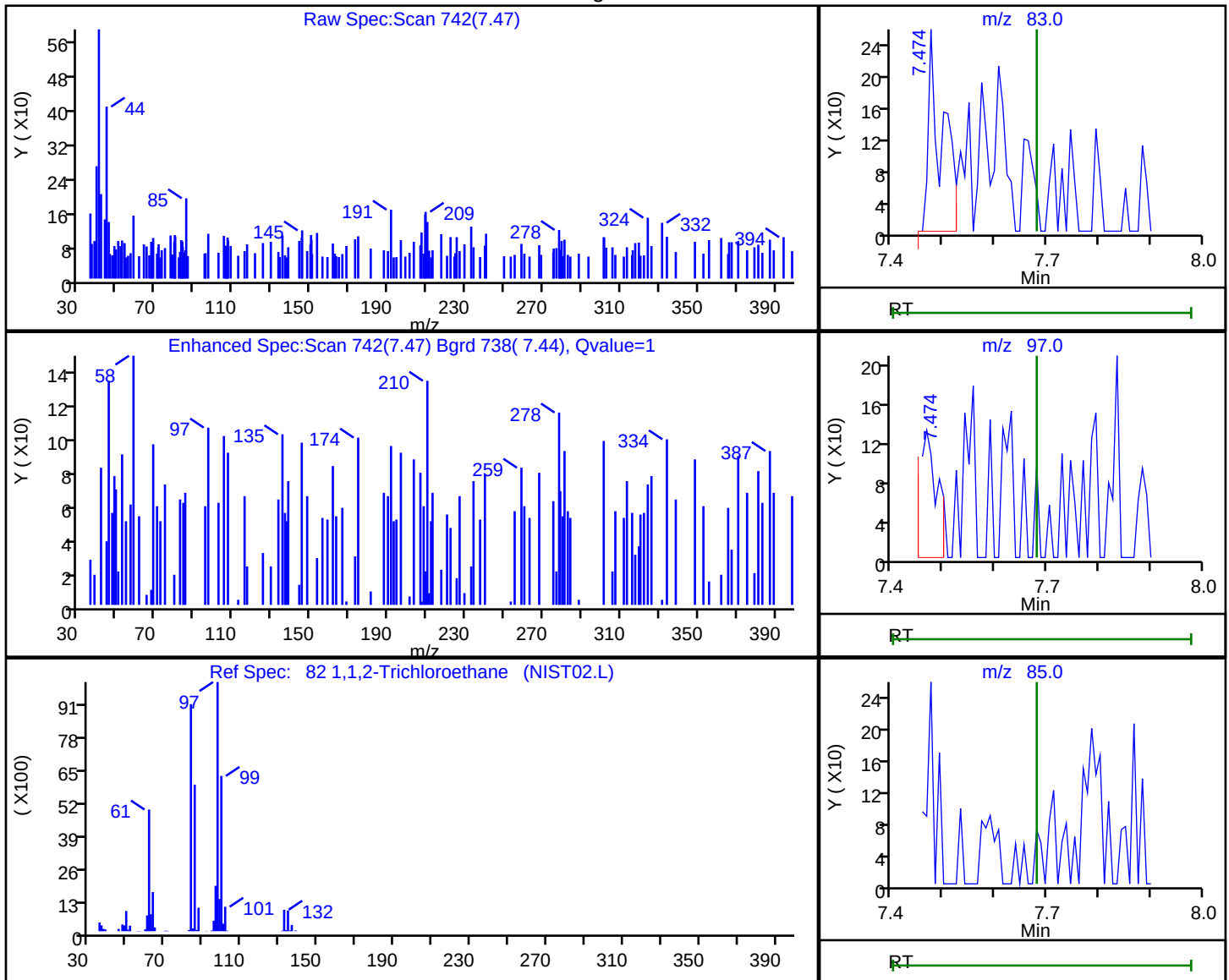
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.47	83.00	472	0.349054
7.47	97.00	266	
7.47	85.00	694	

Reviewer: starzecm, 14-Dec-2019 14:57:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-662428/8
 Matrix: Water Lab File ID: F89865.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/15/2019 01:03
 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.: 662428 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	0.26	U	1.0	0.26
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	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
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	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
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: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-662428/8
Matrix: Water Lab File ID: F89865.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/15/2019 01:03
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.: 662428 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	94		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89865.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 15-Dec-2019 01:03:30 ALS Bottle#: 11 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0102818-008
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 16:13:10 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0318

First Level Reviewer: delpolitov

Date: 15-Dec-2019 16:13:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.258	3.259	-0.001	0	190930	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.302	4.302	0.000	0	251622	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.770	-0.008	96	92691	50.0	50.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.116	-0.001	0	124253	50.0	51.3	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	351671	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	18890	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.047	-0.001	99	321167	50.0	51.4	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	237165	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	91	99391	50.0	46.9	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	144390	50.0	50.0	

Reagents:

VOA6IS/SURR_00031

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89865.D

Injection Date: 15-Dec-2019 01:03:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

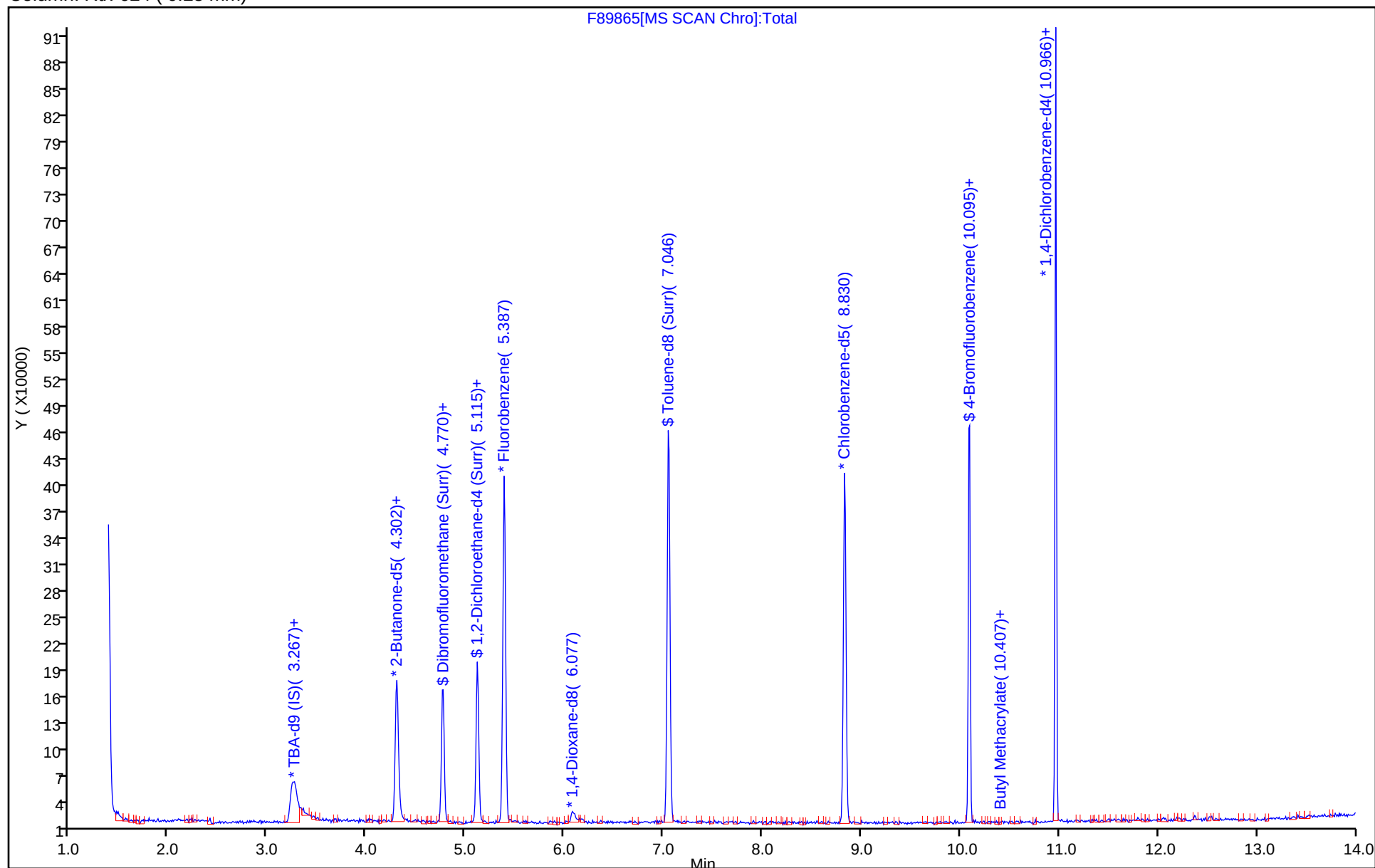
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89865.D

Injection Date: 15-Dec-2019 01:03:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

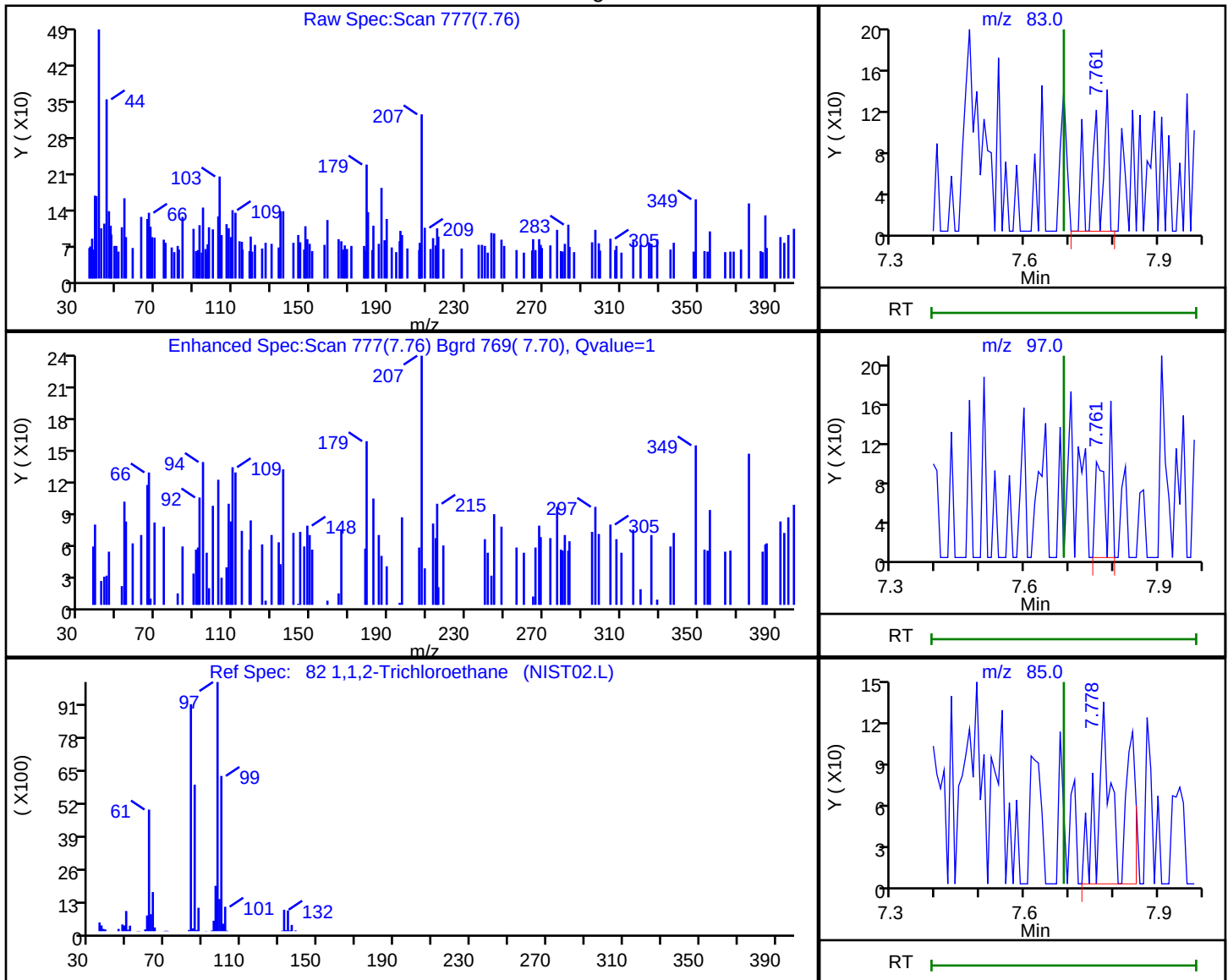
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.76	83.00	242	0.194579
7.76	97.00	217	
7.78	85.00	410	

Reviewer: delpolitov, 15-Dec-2019 16:12:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89865.D

Injection Date: 15-Dec-2019 01:03:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

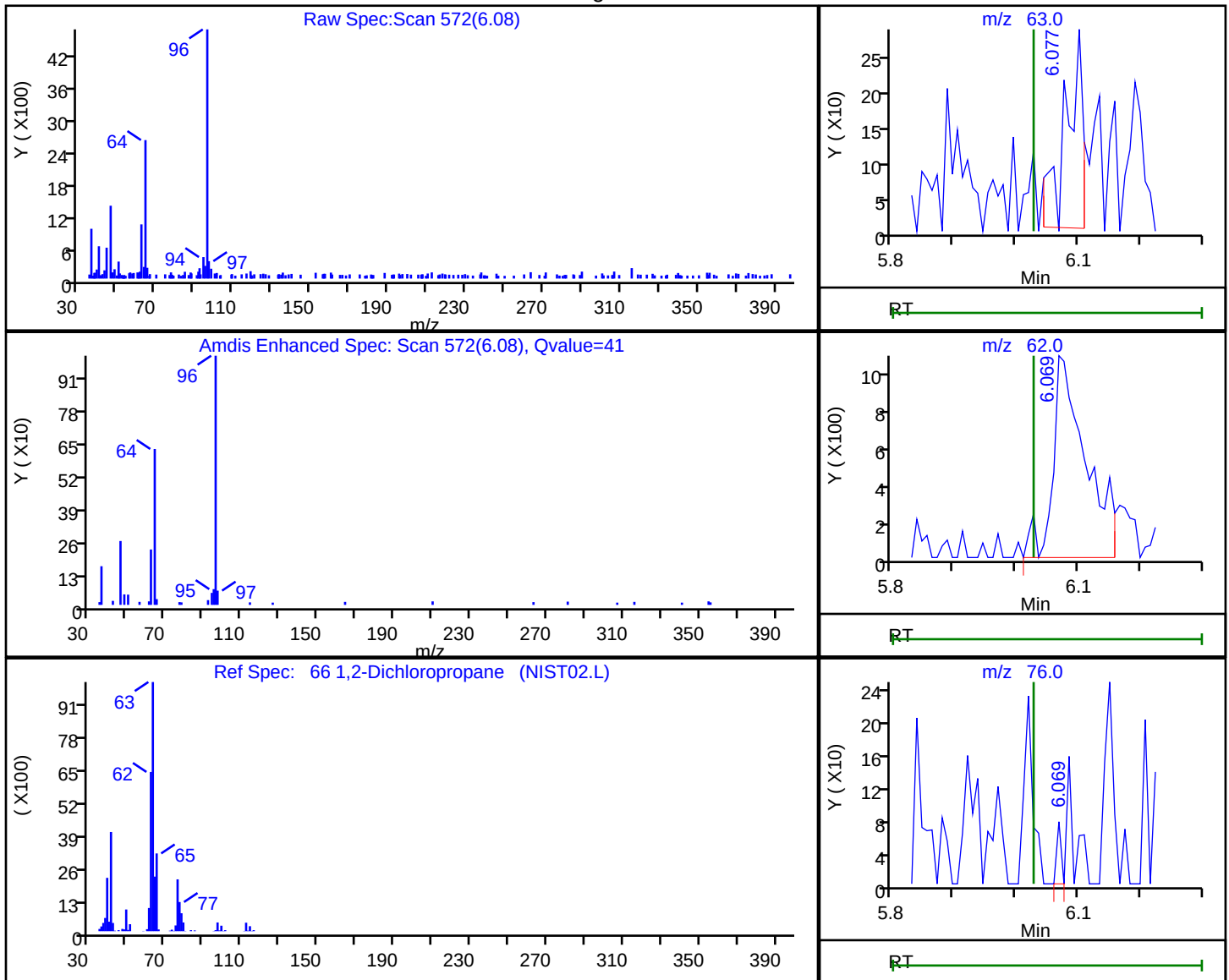
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.08	63.00	556	0.272810
6.07	62.00	3833	
6.07	76.00	37	
6.10	112.00	220	

Reviewer: delpolitov, 15-Dec-2019 16:12:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-662202/4
 Matrix: Water Lab File ID: F89802.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/13/2019 20:55
 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.: 662202 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.5		1.0	0.43
75-34-3	1,1-Dichloroethane	19.9		1.0	0.26
75-35-4	1,1-Dichloroethene	19.1		1.0	0.26
107-06-2	1,2-Dichloroethane	19.6		1.0	0.43
78-87-5	1,2-Dichloropropane	20.4		1.0	0.35
78-93-3	2-Butanone (MEK)	98.5		5.0	1.9
591-78-6	2-Hexanone	99.7		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	101		5.0	1.3
67-64-1	Acetone	109		5.0	4.4
71-43-2	Benzene	19.7		1.0	0.20
75-27-4	Bromodichloromethane	16.8		1.0	0.34
75-25-2	Bromoform	12.1		1.0	0.54
74-83-9	Bromomethane	16.8		1.0	0.55
75-15-0	Carbon disulfide	20.7		1.0	0.82
56-23-5	Carbon tetrachloride	14.0		1.0	0.21
108-90-7	Chlorobenzene	18.9		1.0	0.38
74-97-5	Chlorobromomethane	18.7		1.0	0.41
75-00-3	Chloroethane	16.7		1.0	0.32
67-66-3	Chloroform	19.6		1.0	0.33
74-87-3	Chloromethane	19.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.22
100-41-4	Ethylbenzene	18.6		1.0	0.30
75-09-2	Methylene Chloride	21.0		1.0	0.32
100-42-5	Styrene	18.7		1.0	0.42
127-18-4	Tetrachloroethene	17.2		1.0	0.25
108-88-3	Toluene	18.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.49
79-01-6	Trichloroethene	18.7		1.0	0.31
75-01-4	Vinyl chloride	18.8		1.0	0.17
1330-20-7	Xylenes, Total	37.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-662202/4
Matrix: Water Lab File ID: F89802.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/13/2019 20:55
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.: 662202 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	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89802.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Dec-2019 20:55:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0102759-004
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 11:20:34 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: yallabg

Date: 13-Dec-2019 22:44:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.623	1.632	-0.009	99	53023	20.0	14.9	
3 Chloromethane	50	1.804	1.812	-0.008	100	80773	20.0	19.8	
5 Butadiene	54	1.894	1.894	0.000	96	62259	20.0	17.0	
4 Vinyl chloride	62	1.894	1.903	-0.009	98	72261	20.0	18.8	
6 Bromomethane	94	2.182	2.182	0.000	99	44228	20.0	16.8	
7 Chloroethane	64	2.231	2.231	0.000	100	40204	20.0	16.7	
8 Dichlorofluoromethane	67	2.412	2.412	0.000	98	101483	20.0	15.9	
9 Trichlorofluoromethane	101	2.429	2.429	-0.001	62	71876	20.0	15.7	
10 Pentane	72	2.429	2.437	-0.009	97	17607	40.0	39.0	
12 Ethyl ether	59	2.609	2.609	0.000	95	36708	20.0	20.8	
11 Ethanol	46	2.609	2.626	-0.017	76	7575	800.0	755.7	
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	98	39949	20.0	18.7	
15 Acrolein	56	2.782	2.782	0.000	94	12928	40.0	44.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.798	2.807	-0.009	94	47184	20.0	20.1	
17 1,1-Dichloroethene	96	2.831	2.839	-0.008	97	42135	20.0	19.1	
18 Acetone	43	2.897	2.905	-0.008	85	86814	100.0	109.2	
19 Iodomethane	142	2.979	2.987	-0.008	99	77140	20.0	18.7	
20 Isopropyl alcohol	45	2.979	2.987	-0.008	39	24509	200.0	201.1	
21 Carbon disulfide	76	3.028	3.037	-0.009	100	174744	20.0	20.7	
22 3-Chloro-1-propene	41	3.127	3.127	0.000	90	86884	20.0	19.5	
24 Methyl acetate	43	3.135	3.135	0.000	99	74381	40.0	39.5	
23 Cyclopentene	67	3.143	3.152	-0.009	95	103045	20.0	18.6	
14 1,2-Dichloro-1,1,2-trifluo	117	3.143	3.160	-0.017	70	141	NC	NC	
25 Acetonitrile	41	3.184	3.193	-0.009	95	75934	200.0	251.2	a
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	194984	1000.0	1000.0	
27 Methylene Chloride	84	3.258	3.258	0.000	97	53561	20.0	21.0	
28 2-Methyl-2-propanol	59	3.316	3.308	0.008	96	34568	200.0	172.2	a
29 Methyl tert-butyl ether	73	3.406	3.415	-0.009	98	138637	20.0	21.3	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	98	42660	20.0	19.9	
31 Acrylonitrile	53	3.505	3.505	0.000	94	196982	200.0	216.7	
32 Hexane	43	3.579	3.587	-0.008	93	43715	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.793	3.793	-0.001	98	162909	20.0	22.0	
34 1,1-Dichloroethane	63	3.825	3.825	0.000	99	80825	20.0	19.9	
35 Vinyl acetate	86	3.834	3.834	0.000	100	16442	40.0	31.9	
36 2-Chloro-1,3-butadiene	88	3.866	3.867	-0.001	95	34483	20.0	17.6	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	88	148833	20.0	20.6	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	242053	250.0	250.0	
39 2,2-Dichloropropane	97	4.318	4.335	-0.017	92	14815	20.0	17.6	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	92	47551	20.0	20.3	
42 Ethyl acetate	70	4.351	4.351	0.000	94	9085	40.0	35.6	
41 2-Butanone (MEK)	72	4.351	4.351	0.000	97	26895	100.0	98.5	
43 Methyl acrylate	55	4.409	4.409	0.000	99	36708	20.0	18.1	
44 Propionitrile	54	4.483	4.483	0.000	98	71552	200.0	244.7	
46 Tetrahydrofuran	72	4.557	4.557	0.000	65	12011	40.0	37.3	
45 Chlorobromomethane	128	4.557	4.565	-0.008	97	21849	20.0	18.7	
47 Methacrylonitrile	67	4.581	4.581	0.000	95	191535	200.0	200.3	
48 Chloroform	83	4.606	4.606	0.000	97	74000	20.0	19.6	
49 Cyclohexane	84	4.746	4.746	0.000	94	74101	20.0	20.6	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	70	62256	20.0	17.4	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	93033	50.0	49.5	
52 Carbon tetrachloride	117	4.877	4.885	-0.008	96	42122	20.0	14.0	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	94	54094	20.0	19.0	
54 Isobutyl alcohol	43	5.017	5.017	0.000	97	32075	500.0	366.8	
55 Benzene	78	5.099	5.099	0.000	98	164459	20.0	19.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.116	-0.001	0	122234	50.0	49.3	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	144948	20.0	20.4	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	92	134421	20.0	20.1	
59 1,2-Dichloroethane	62	5.189	5.189	0.000	96	60623	20.0	19.6	
60 n-Heptane	57	5.255	5.255	0.000	94	34861	20.0	20.5	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	359936	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	95	18750	500.0	348.1	
63 Trichloroethene	95	5.732	5.732	0.000	96	38701	20.0	18.7	
65 Ethyl acrylate	55	5.863	5.863	0.000	97	115881	20.0	19.2	
64 Methylcyclohexane	83	5.863	5.863	0.000	84	76328	20.0	18.8	
66 1,2-Dichloropropane	63	6.019	6.028	-0.009	88	42612	20.0	20.4	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	20030	1000.0	1000.0	
68 Methyl methacrylate	100	6.101	6.102	-0.001	92	20848	40.0	34.0	
69 1,4-Dioxane	88	6.143	6.134	0.009	42	9544	400.0	376.8	
71 Dibromomethane	93	6.151	6.151	0.000	96	25411	20.0	19.8	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	61055	20.0	17.9	
72 Dichlorobromomethane	83	6.299	6.299	0.000	97	45577	20.0	16.8	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	83	25024	20.0	18.9	
73 2-Nitropropane	41	6.644	6.636	0.008	74	11618	40.0	16.8	
75 Epichlorohydrin	57	6.742	6.742	0.000	99	88663	400.0	418.2	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	98	62622	20.0	18.9	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	99	235200	100.0	101.5	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.046	0.000	99	347862	50.0	49.3	
79 Toluene	91	7.129	7.129	0.000	93	164317	20.0	18.8	
80 trans-1,3-Dichloropropene	75	7.465	7.466	-0.001	96	55920	20.0	18.0	
81 Ethyl methacrylate	69	7.507	7.507	0.000	91	48943	20.0	16.6	
82 1,1,2-Trichloroethane	83	7.687	7.687	0.000	92	30163	20.0	21.5	
83 Tetrachloroethene	166	7.728	7.728	0.000	95	36610	20.0	17.2	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	96	62805	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Hexanone	43	7.958	7.967	-0.009	98	154311	100.0	99.7	
86 n-Butyl acetate	43	8.082	8.082	0.000	99	62124	20.0	16.7	
87 Chlorodibromomethane	129	8.123	8.123	0.000	96	27485	20.0	13.7	
88 Ethylene Dibromide	107	8.279	8.279	0.000	100	34845	20.0	18.8	
* 89 Chlorobenzene-d5	117	8.829	8.830	-0.001	89	267562	50.0	50.0	
90 Chlorobenzene	112	8.862	8.871	-0.009	94	105516	20.0	18.9	
91 Ethylbenzene	106	8.977	8.977	0.000	99	56657	20.0	18.6	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	90	32943	20.0	14.7	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	70507	20.0	18.8	
94 n-Butyl acrylate	73	9.561	9.561	0.000	97	28061	20.0	15.2	
95 o-Xylene	106	9.569	9.569	0.000	92	72225	20.0	18.4	
96 Styrene	104	9.602	9.602	0.000	94	120159	20.0	18.7	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	79463	20.0	15.5	
98 Bromoform	173	9.799	9.799	0.000	95	17798	20.0	12.1	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	189283	20.0	18.3	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	92	113807	50.0	47.6	
101 Bromobenzene	156	10.210	10.210	0.000	97	48577	20.0	19.2	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	54129	20.0	20.5	
103 N-Propylbenzene	91	10.267	10.268	-0.001	99	245143	20.0	19.2	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	15795	20.0	18.2	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	74	14989	20.0	17.1	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	171137	20.0	19.5	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	202892	20.0	19.2	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	93	170435	20.0	18.6	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	152042	20.0	19.3	
110 Butyl Methacrylate	87	10.498	10.498	0.000	96	51658	20.0	14.9	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	128090	20.0	17.4	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	99	180701	20.0	18.8	
113 sec-Butylbenzene	105	10.810	10.810	0.000	98	220003	20.0	18.6	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	192008	20.0	18.4	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	73	100084	20.0	19.1	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	166734	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	95	104214	20.0	19.4	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	193172	20.0	19.2	
118 Benzyl chloride	91	11.081	11.081	0.000	98	88054	20.0	13.5	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	196563	20.0	20.1	
120 p-Diethylbenzene	119	11.163	11.163	0.000	93	113223	20.0	19.0	
121 n-Butylbenzene	92	11.180	11.180	0.000	96	110021	20.0	19.5	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	94	107266	20.0	19.9	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	97	200484	20.0	18.8	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	10488	20.0	15.3	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	89823	20.0	19.6	
126 1,2,4-Trichlorobenzene	180	12.198	12.198	0.000	94	83460	20.0	19.9	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	95	34215	20.0	18.0	
128 Naphthalene	128	12.371	12.371	0.000	99	205744	20.0	22.0	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	95	80162	20.0	21.6	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 131 Xylenes, Total	100				0		40.0	37.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89802.D

Injection Date: 13-Dec-2019 20:55:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

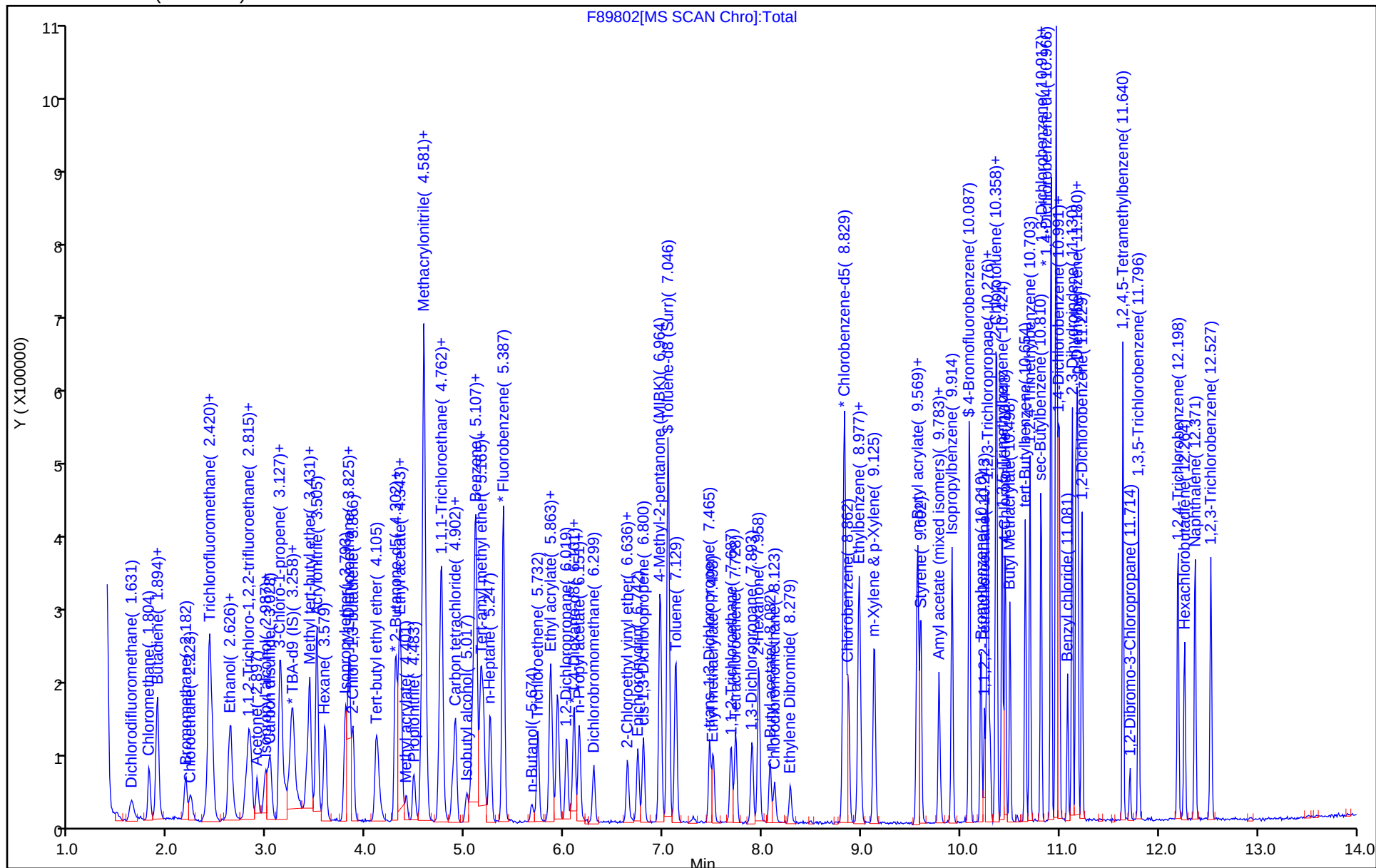
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-662307/4
 Matrix: Water Lab File ID: F89830.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 10:27
 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.: 662307 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.43
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	19.1		1.0	0.26
107-06-2	1,2-Dichloroethane	19.5		1.0	0.43
78-87-5	1,2-Dichloropropane	20.1		1.0	0.35
78-93-3	2-Butanone (MEK)	90.4		5.0	1.9
591-78-6	2-Hexanone	95.6		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	100		5.0	1.3
67-64-1	Acetone	94.9		5.0	4.4
71-43-2	Benzene	19.7		1.0	0.20
75-27-4	Bromodichloromethane	16.7		1.0	0.34
75-25-2	Bromoform	11.7		1.0	0.54
74-83-9	Bromomethane	18.1		1.0	0.55
75-15-0	Carbon disulfide	19.8		1.0	0.82
56-23-5	Carbon tetrachloride	13.9		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
74-97-5	Chlorobromomethane	19.4		1.0	0.41
75-00-3	Chloroethane	17.8		1.0	0.32
67-66-3	Chloroform	19.5		1.0	0.33
74-87-3	Chloromethane	22.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.5		1.0	0.22
100-41-4	Ethylbenzene	19.0		1.0	0.30
75-09-2	Methylene Chloride	20.2		1.0	0.32
100-42-5	Styrene	18.7		1.0	0.42
127-18-4	Tetrachloroethene	17.4		1.0	0.25
108-88-3	Toluene	18.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.49
79-01-6	Trichloroethene	18.3		1.0	0.31
75-01-4	Vinyl chloride	21.0		1.0	0.17
1330-20-7	Xylenes, Total	37.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-662307/4
Matrix: Water Lab File ID: F89830.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 10:27
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.: 662307 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	94		77-124
1868-53-7	Dibromofluoromethane (Surr)	98		72-131
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89830.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 14-Dec-2019 10:27:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0102782-004
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:08:12 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: starzecm

Date: 14-Dec-2019 11:19:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.607	1.599	0.008	66	23680	20.0	22.7	
2 Dichlorodifluoromethane	85	1.640	1.632	0.008	96	94499	20.0	23.7	
3 Chloromethane	50	1.821	1.812	0.009	100	100690	20.0	22.0	
5 Butadiene	54	1.903	1.886	0.017	98	79903	20.0	19.4	
4 Vinyl chloride	62	1.903	1.895	0.008	98	90357	20.0	21.0	
6 Bromomethane	94	2.190	2.174	0.016	99	53379	20.0	18.1	
7 Chloroethane	64	2.240	2.231	0.009	99	48015	20.0	17.8	
8 Dichlorofluoromethane	67	2.421	2.404	0.017	99	119095	20.0	16.6	
10 Pentane	72	2.445	2.420	0.025	98	19936	40.0	41.1	
9 Trichlorofluoromethane	101	2.437	2.429	0.008	96	94012	20.0	18.3	
12 Ethyl ether	59	2.618	2.609	0.009	97	40811	20.0	20.7	
11 Ethanol	46	2.618	2.618	0.000	72	6365	800.0	590.0	
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	98	44795	20.0	18.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.675	2.675	0.000	90	46527	NC	NC	a
164 1,1,1-Trifluoro-2,2-dichlo	83	2.733	2.725	0.009	90	74273	20.0	20.9	a
15 Acrolein	56	2.790	2.782	0.008	71	16374	40.0	52.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	69	51175	20.0	19.5	
17 1,1-Dichloroethene	96	2.840	2.831	0.009	97	47353	20.0	19.1	
18 Acetone	43	2.905	2.897	0.008	85	84865	100.0	94.9	
19 Iodomethane	142	2.987	2.979	0.008	99	86064	20.0	18.6	
20 Isopropyl alcohol	45	2.987	2.979	0.008	37	23503	200.0	179.2	
21 Carbon disulfide	76	3.037	3.029	0.008	100	187391	20.0	19.8	
22 3-Chloro-1-propene	41	3.127	3.119	0.008	91	95572	20.0	19.2	
24 Methyl acetate	43	3.144	3.127	0.017	100	79387	40.0	37.5	
23 Cyclopentene	67	3.152	3.144	0.008	93	118555	20.0	19.1	
25 Acetonitrile	41	3.193	3.193	0.000	19	92309	200.0	283.8	a
* 26 TBA-d9 (IS)	65	3.250	3.242	0.008	0	209852	1000.0	1000.0	
27 Methylene Chloride	84	3.259	3.259	0.000	97	57860	20.0	20.2	
28 2-Methyl-2-propanol	59	3.308	3.308	0.000	28	32609	200.0	151.0	a
29 Methyl tert-butyl ether	73	3.423	3.407	0.017	97	148277	20.0	20.3	
30 trans-1,2-Dichloroethene	96	3.439	3.431	0.008	98	46989	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.505	3.497	0.008	94	223872	200.0	219.5	
32 Hexane	43	3.587	3.579	0.008	92	47924	20.0	20.9	
33 Isopropyl ether	45	3.793	3.793	0.000	95	178124	20.0	21.4	
34 1,1-Dichloroethane	63	3.834	3.826	0.008	100	91491	20.0	20.1	
35 Vinyl acetate	86	3.842	3.834	0.008	100	18628	40.0	32.2	
36 2-Chloro-1,3-butadiene	88	3.875	3.867	0.008	95	40092	20.0	18.3	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	88	161382	20.0	20.0	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	272335	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.319	0.008	81	16314	20.0	17.3	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	95	53039	20.0	20.2	
42 Ethyl acetate	70	4.360	4.343	0.017	94	9614	40.0	33.5	
41 2-Butanone (MEK)	72	4.352	4.351	0.001	96	27761	100.0	90.4	
43 Methyl acrylate	55	4.409	4.401	0.008	99	40566	20.0	17.8	
44 Propionitrile	54	4.483	4.483	0.000	98	81529	200.0	259.1	
46 Tetrahydrofuran	72	4.557	4.557	0.000	73	14052	40.0	38.9	
45 Chlorobromomethane	128	4.565	4.557	0.008	92	25440	20.0	19.4	
47 Methacrylonitrile	67	4.590	4.582	0.008	95	210373	200.0	196.2	
48 Chloroform	83	4.614	4.606	0.008	97	82553	20.0	19.5	
49 Cyclohexane	84	4.754	4.746	0.008	94	81430	20.0	20.2	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	98	70132	20.0	17.5	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.762	0.009	97	103619	50.0	49.2	
52 Carbon tetrachloride	117	4.886	4.877	0.009	95	47073	20.0	13.9	
53 1,1-Dichloropropene	75	4.910	4.902	0.008	94	62385	20.0	19.6	
54 Isobutyl alcohol	43	5.017	5.009	0.008	96	26795	500.0	284.7	
55 Benzene	78	5.107	5.099	0.008	98	184334	20.0	19.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	137510	50.0	49.4	
57 Isopropyl acetate	43	5.157	5.157	0.000	95	156052	20.0	19.6	
58 Tert-amyl methyl ether	73	5.173	5.165	0.008	94	148814	20.0	19.9	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	96	67500	20.0	19.5	
60 n-Heptane	57	5.255	5.247	0.008	94	39828	20.0	20.9	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	403786	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	93	16407	500.0	283.0	
63 Trichloroethene	95	5.740	5.732	0.008	96	42535	20.0	18.3	
65 Ethyl acrylate	55	5.863	5.863	0.000	97	124603	20.0	18.4	
64 Methylcyclohexane	83	5.872	5.863	0.009	88	87408	20.0	19.1	
66 1,2-Dichloropropane	63	6.028	6.019	0.009	88	47037	20.0	20.1	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	21050	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	96	22609	40.0	32.9	
69 1,4-Dioxane	88	6.143	6.135	0.008	42	11136	400.0	418.4	
71 Dibromomethane	93	6.151	6.151	0.000	89	28533	20.0	19.8	
70 n-Propyl acetate	43	6.159	6.151	0.008	98	66674	20.0	17.4	
72 Dichlorobromomethane	83	6.299	6.299	0.000	97	50845	20.0	16.7	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	86	28185	20.0	19.0	
73 2-Nitropropane	41	6.636	6.644	-0.008	71	11282	40.0	14.6	
75 Epichlorohydrin	57	6.743	6.743	0.000	99	98608	400.0	413.4	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	96	68852	20.0	18.5	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.964	0.009	98	260868	100.0	100.1	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	98	392272	50.0	49.5	
79 Toluene	91	7.129	7.121	0.008	93	183948	20.0	18.8	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	96	61772	20.0	17.7	
81 Ethyl methacrylate	69	7.507	7.507	0.000	92	51274	20.0	15.5	
82 1,1,2-Trichloroethane	83	7.679	7.679	0.000	92	33216	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.729	0.008	96	41589	20.0	17.4	
84 1,3-Dichloropropane	76	7.901	7.893	0.008	96	67715	20.0	19.9	
85 2-Hexanone	43	7.959	7.959	0.000	97	166475	100.0	95.6	
86 n-Butyl acetate	43	8.082	8.074	0.008	98	66445	20.0	15.9	
87 Chlorodibromomethane	129	8.123	8.123	0.000	98	30105	20.0	13.4	
88 Ethylene Dibromide	107	8.287	8.279	0.008	98	38508	20.0	18.5	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	88	300472	50.0	50.0	
90 Chlorobenzene	112	8.871	8.863	0.008	93	120432	20.0	19.2	
91 Ethylbenzene	106	8.978	8.978	0.000	99	64693	20.0	19.0	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	91	36053	20.0	14.4	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	80150	20.0	19.0	
94 n-Butyl acrylate	73	9.561	9.561	0.000	96	28486	20.0	13.7	
95 o-Xylene	106	9.569	9.569	0.000	92	83165	20.0	18.8	
96 Styrene	104	9.602	9.602	0.000	94	134691	20.0	18.7	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	89	84893	20.0	15.0	
98 Bromoform	173	9.799	9.791	0.008	96	19383	20.0	11.7	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	218425	20.0	18.8	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	91	126481	50.0	47.1	
101 Bromobenzene	156	10.210	10.210	0.000	96	53116	20.0	19.1	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	97	56680	20.0	19.4	
103 N-Propylbenzene	91	10.268	10.268	0.000	99	274900	20.0	19.5	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	16814	20.0	17.6	
105 trans-1,4-Dichloro-2-buten	53	10.301	10.300	0.001	72	18049	20.0	18.7	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	184928	20.0	19.1	
107 4-Ethyltoluene	105	10.366	10.366	0.000	99	226853	20.0	19.4	
108 1,3,5-Trimethylbenzene	105	10.424	10.416	0.008	94	190576	20.0	18.9	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	169791	20.0	19.6	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	56096	20.0	14.7	
111 tert-Butylbenzene	119	10.654	10.654	0.000	94	148621	20.0	18.3	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	202480	20.0	19.1	
113 sec-Butylbenzene	105	10.810	10.810	0.000	99	250202	20.0	19.2	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	214932	20.0	18.7	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	73	111475	20.0	19.3	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	96	183813	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.983	10.982	0.001	95	116315	20.0	19.6	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	213090	20.0	19.2	
118 Benzyl chloride	91	11.081	11.081	0.000	98	91731	20.0	12.8	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	211872	20.0	19.6	
120 p-Diethylbenzene	119	11.163	11.163	0.000	94	128917	20.0	19.7	
121 n-Butylbenzene	92	11.180	11.180	0.000	97	123738	20.0	19.9	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	117882	20.0	19.8	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	218082	20.0	18.6	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	90	11854	20.0	15.7	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	95214	20.0	18.9	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	93	89380	20.0	19.4	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	37499	20.0	17.9	
128 Naphthalene	128	12.371	12.371	0.000	99	218492	20.0	21.1	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	96	84706	20.0	20.7	
S 130 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 131 Xylenes, Total	100				0		40.0	37.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89830.D

Injection Date: 14-Dec-2019 10:27:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

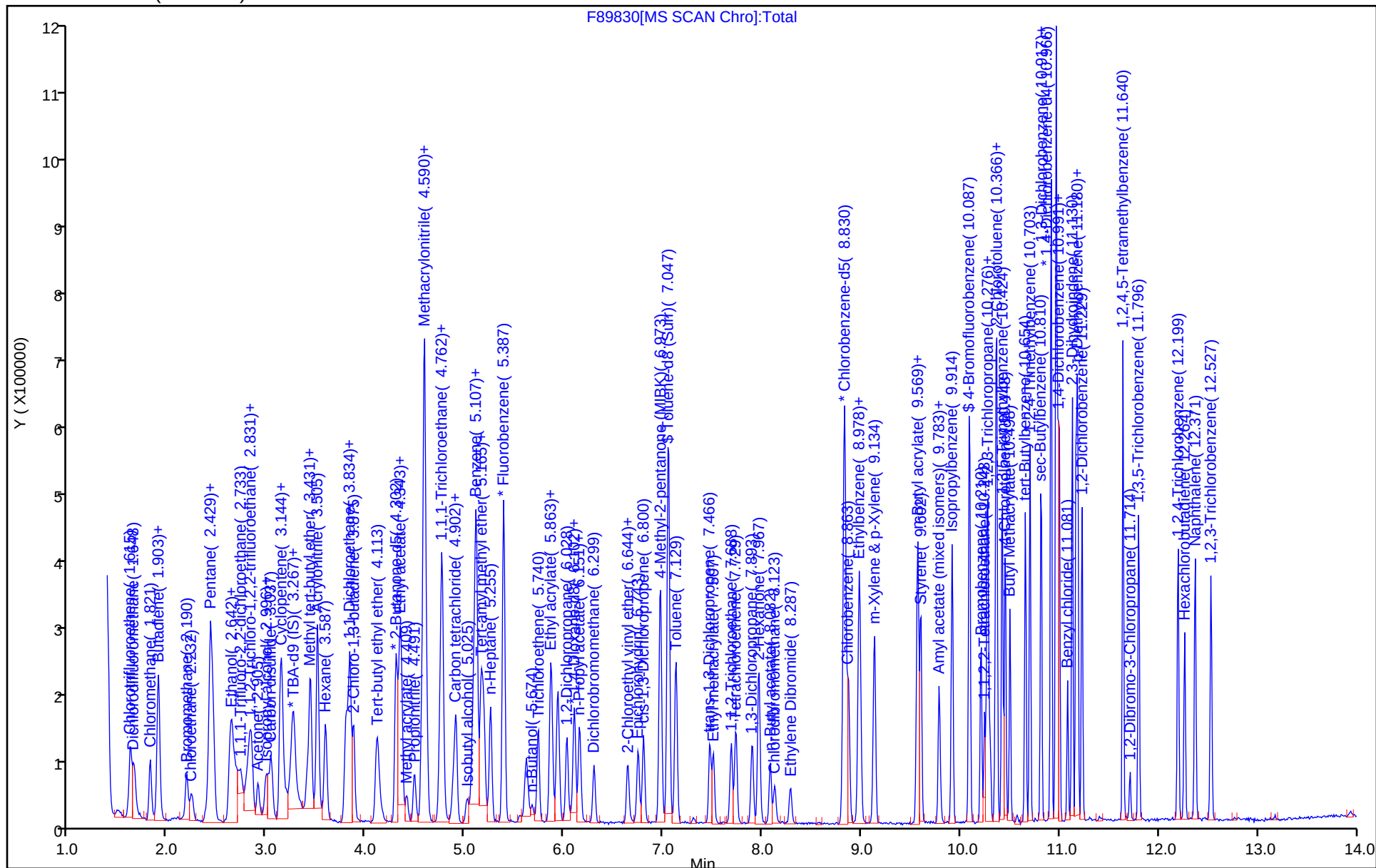
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-662428/4
 Matrix: Water Lab File ID: F89861.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 23:27
 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.: 662428 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.5		1.0	0.43
75-34-3	1,1-Dichloroethane	20.5		1.0	0.26
75-35-4	1,1-Dichloroethene	18.6		1.0	0.26
107-06-2	1,2-Dichloroethane	20.1		1.0	0.43
78-87-5	1,2-Dichloropropane	21.2		1.0	0.35
78-93-3	2-Butanone (MEK)	90.8		5.0	1.9
591-78-6	2-Hexanone	94.6		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	1.3
67-64-1	Acetone	111		5.0	4.4
71-43-2	Benzene	21.7		1.0	0.20
75-27-4	Bromodichloromethane	17.1		1.0	0.34
75-25-2	Bromoform	11.9		1.0	0.54
74-83-9	Bromomethane	17.5		1.0	0.55
75-15-0	Carbon disulfide	20.1		1.0	0.82
56-23-5	Carbon tetrachloride	14.3		1.0	0.21
108-90-7	Chlorobenzene	18.8		1.0	0.38
74-97-5	Chlorobromomethane	19.3		1.0	0.41
75-00-3	Chloroethane	18.5		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	23.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.22
100-41-4	Ethylbenzene	20.3		1.0	0.30
75-09-2	Methylene Chloride	19.5		1.0	0.32
100-42-5	Styrene	19.0		1.0	0.42
127-18-4	Tetrachloroethene	18.6		1.0	0.25
108-88-3	Toluene	19.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.0		1.0	0.49
79-01-6	Trichloroethene	17.9		1.0	0.31
75-01-4	Vinyl chloride	21.0		1.0	0.17
1330-20-7	Xylenes, Total	39.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-662428/4
Matrix: Water Lab File ID: F89861.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 23:27
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.: 662428 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	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89861.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 14-Dec-2019 23:27:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0102818-004
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 16:10:33 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0318

First Level Reviewer: delpolitov

Date: 15-Dec-2019 16:10:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.631	1.640	-0.009	99	72125	20.0	18.9	
3 Chloromethane	50	1.812	1.812	0.000	99	100810	20.0	23.0	
5 Butadiene	54	1.894	1.895	-0.001	97	76784	20.0	19.5	
4 Vinyl chloride	62	1.903	1.903	0.000	99	86570	20.0	21.0	
6 Bromomethane	94	2.182	2.182	0.000	99	49551	20.0	17.5	
7 Chloroethane	64	2.239	2.231	0.008	100	47900	20.0	18.5	
8 Dichlorofluoromethane	67	2.412	2.412	0.000	98	112608	20.0	16.4	
10 Pentane	72	2.437	2.429	0.008	98	18762	40.0	42.3	
9 Trichlorofluoromethane	101	2.437	2.437	0.000	71	84877	20.0	17.2	
12 Ethyl ether	59	2.617	2.618	-0.001	91	39193	20.0	20.7	
11 Ethanol	46	2.609	2.618	-0.009	85	5106	800.0	517.3	
13 2-Methyl-1,3-butadiene	53	2.642	2.642	0.000	97	45618	20.0	19.9	
15 Acrolein	56	2.790	2.790	0.000	43	11322	40.0	39.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.806	2.807	-0.001	93	46788	20.0	18.6	
17 1,1-Dichloroethene	96	2.839	2.831	0.008	95	44037	20.0	18.6	
18 Acetone	43	2.913	2.913	0.000	85	99702	100.0	111.4	
19 Iodomethane	142	2.987	2.987	0.000	100	78163	20.0	17.6	
20 Isopropyl alcohol	45	3.004	2.996	0.008	30	24622	200.0	205.2	
21 Carbon disulfide	76	3.036	3.029	0.008	100	181958	20.0	20.1	
22 3-Chloro-1-propene	41	3.127	3.135	-0.008	90	97354	20.0	20.4	
24 Methyl acetate	43	3.143	3.144	-0.001	99	89262	40.0	44.1	
23 Cyclopentene	67	3.152	3.152	0.000	92	115844	20.0	19.5	
25 Acetonitrile	41	3.209	3.201	0.008	23	90510	200.0	304.1	a
27 Methylene Chloride	84	3.258	3.259	-0.001	98	53211	20.0	19.5	
* 26 TBA-d9 (IS)	65	3.250	3.259	-0.009	0	192012	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.316	3.308	0.008	30	31084	200.0	157.3	Ma
29 Methyl tert-butyl ether	73	3.414	3.415	-0.001	98	137936	20.0	19.8	
30 trans-1,2-Dichloroethene	96	3.439	3.439	0.000	98	46398	20.0	20.1	
31 Acrylonitrile	53	3.513	3.513	0.000	93	230273	200.0	236.1	
32 Hexane	43	3.595	3.587	0.008	94	49284	20.0	22.6	
33 Isopropyl ether	45	3.801	3.793	0.008	94	170630	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63	3.825	3.826	-0.001	99	89062	20.0	20.5	
35 Vinyl acetate	86	3.842	3.842	0.000	100	16682	40.0	30.2	
36 2-Chloro-1,3-butadiene	88	3.875	3.875	0.000	94	40537	20.0	19.3	
37 Tert-butyl ethyl ether	59	4.113	4.105	0.008	88	149311	20.0	19.3	
* 38 2-Butanone-d5	46	4.302	4.302	0.000	0	272595	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.335	-0.008	76	15728	20.0	17.4	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	89	48045	20.0	19.1	
42 Ethyl acetate	70	4.359	4.351	0.008	92	8278	40.0	28.8	
41 2-Butanone (MEK)	72	4.359	4.360	-0.001	95	27915	100.0	90.8	
43 Methyl acrylate	55	4.409	4.409	0.000	98	37126	20.0	17.9	
44 Propionitrile	54	4.491	4.491	0.000	98	83140	200.0	288.7	
45 Chlorobromomethane	128	4.565	4.565	0.000	96	24219	20.0	19.3	
46 Tetrahydrofuran	72	4.573	4.573	0.000	57	13511	40.0	37.2	
47 Methacrylonitrile	67	4.589	4.590	-0.001	95	205959	200.0	200.8	
48 Chloroform	83	4.614	4.614	0.000	96	76774	20.0	19.0	
49 Cyclohexane	84	4.754	4.754	0.000	94	77190	20.0	20.0	
50 1,1,1-Trichloroethane	97	4.770	4.762	0.008	72	66832	20.0	17.4	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	96	99787	50.0	49.5	
52 Carbon tetrachloride	117	4.885	4.877	0.008	97	46229	20.0	14.3	
53 1,1-Dichloropropene	75	4.910	4.910	0.000	94	63038	20.0	20.7	
54 Isobutyl alcohol	43	5.025	5.017	0.008	94	24320	500.0	282.4	
55 Benzene	78	5.107	5.107	0.000	97	184985	20.0	21.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.115	5.116	-0.001	0	133739	50.0	50.2	
57 Isopropyl acetate	43	5.165	5.157	0.008	95	153179	20.0	20.1	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	95	141545	20.0	19.8	
59 1,2-Dichloroethane	62	5.189	5.190	-0.001	96	66720	20.0	20.1	
60 n-Heptane	57	5.263	5.255	0.008	96	36554	20.0	20.0	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	386206	50.0	50.0	
62 n-Butanol	56	5.674	5.683	-0.009	92	15075	500.0	284.2	
63 Trichloroethene	95	5.740	5.740	0.000	94	39820	20.0	17.9	
65 Ethyl acrylate	55	5.863	5.863	0.000	93	118024	20.0	18.3	
64 Methylcyclohexane	83	5.863	5.872	-0.009	86	81799	20.0	18.7	
66 1,2-Dichloropropane	63	6.027	6.028	-0.001	89	47369	20.0	21.2	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	16445	1000.0	1000.0	
68 Methyl methacrylate	100	6.101	6.102	-0.001	91	19714	40.0	30.0	
69 1,4-Dioxane	88	6.126	6.134	-0.008	80	8873	400.0	426.7	
71 Dibromomethane	93	6.151	6.151	0.000	95	27331	20.0	19.8	
70 n-Propyl acetate	43	6.159	6.151	0.008	98	62066	20.0	16.9	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	49954	20.0	17.1	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	85	24783	20.0	17.5	
73 2-Nitropropane	41	6.644	6.636	0.008	74	10776	40.0	14.5	
75 Epichlorohydrin	57	6.742	6.743	-0.001	99	89995	400.0	376.5	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	97	60020	20.0	17.7	
77 4-Methyl-2-pentanone (MIBK	43	6.972	6.973	-0.001	99	269823	100.0	103.4	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	98	365383	50.0	50.7	
79 Toluene	91	7.129	7.129	0.000	92	174239	20.0	19.5	
80 trans-1,3-Dichloropropene	75	7.474	7.466	0.008	97	53777	20.0	17.0	
81 Ethyl methacrylate	69	7.506	7.507	-0.001	90	50392	20.0	16.8	
82 1,1,2-Trichloroethane	83	7.679	7.687	-0.008	95	29455	20.0	20.5	
83 Tetrachloroethene	166	7.728	7.737	-0.009	96	40472	20.0	18.6	
84 1,3-Dichloropropane	76	7.901	7.893	0.008	96	62300	20.0	20.1	
85 2-Hexanone	43	7.967	7.959	0.008	98	164834	100.0	94.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 n-Butyl acetate	43	8.082	8.082	0.000	98	64680	20.0	17.0	
87 Chlorodibromomethane	129	8.123	8.123	0.000	97	27828	20.0	13.6	
88 Ethylene Dibromide	107	8.287	8.279	0.008	98	34767	20.0	18.4	
* 89 Chlorobenzene-d5	117	8.829	8.830	-0.001	89	273472	50.0	50.0	
90 Chlorobenzene	112	8.871	8.871	-0.001	92	107295	20.0	18.8	
91 Ethylbenzene	106	8.977	8.978	-0.001	99	63165	20.0	20.3	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	90	34074	20.0	14.9	
93 m-Xylene & p-Xylene	106	9.133	9.134	-0.001	0	75550	20.0	19.7	
94 n-Butyl acrylate	73	9.561	9.561	0.000	95	26625	20.0	14.1	
95 o-Xylene	106	9.569	9.569	0.000	93	78361	20.0	19.5	
96 Styrene	104	9.602	9.602	0.000	94	125145	20.0	19.0	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	89	80435	20.0	15.4	
98 Bromoform	173	9.799	9.799	0.000	95	17928	20.0	11.9	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	209944	20.0	19.9	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	90	116717	50.0	47.7	
101 Bromobenzene	156	10.210	10.210	0.000	96	49026	20.0	19.1	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	55639	20.0	20.7	
103 N-Propylbenzene	91	10.267	10.268	-0.001	98	267798	20.0	20.7	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	98	16273	20.0	18.5	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	79	15923	20.0	17.9	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	175705	20.0	19.7	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	220227	20.0	20.5	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	93	182523	20.0	19.6	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	158707	20.0	19.9	
110 Butyl Methacrylate	87	10.497	10.498	-0.001	96	50922	20.0	14.4	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	133768	20.0	17.9	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	188028	20.0	19.2	
113 sec-Butylbenzene	105	10.810	10.810	0.000	98	234437	20.0	19.5	
114 4-Isopropyltoluene	119	10.917	10.917	-0.001	97	202203	20.0	19.1	
115 1,3-Dichlorobenzene	146	10.917	10.917	-0.001	73	105605	20.0	19.9	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	169349	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	94	105742	20.0	19.3	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	198285	20.0	19.4	
118 Benzyl chloride	91	11.081	11.081	0.000	98	84805	20.0	12.8	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	198079	20.0	19.9	
120 p-Diethylbenzene	119	11.163	11.163	0.000	93	121900	20.0	20.2	
121 n-Butylbenzene	92	11.179	11.180	-0.001	98	118983	20.0	20.8	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	94	108272	20.0	19.8	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	97	192641	20.0	17.8	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	88	9503	20.0	13.7	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	88515	20.0	19.0	
126 1,2,4-Trichlorobenzene	180	12.198	12.199	-0.001	94	80438	20.0	18.9	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	34061	20.0	17.7	
128 Naphthalene	128	12.371	12.371	0.000	99	201351	20.0	21.2	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	93	74847	20.0	19.9	
S 130 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 131 Xylenes, Total	100				0		40.0	39.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89861.D

Injection Date: 14-Dec-2019 23:27:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

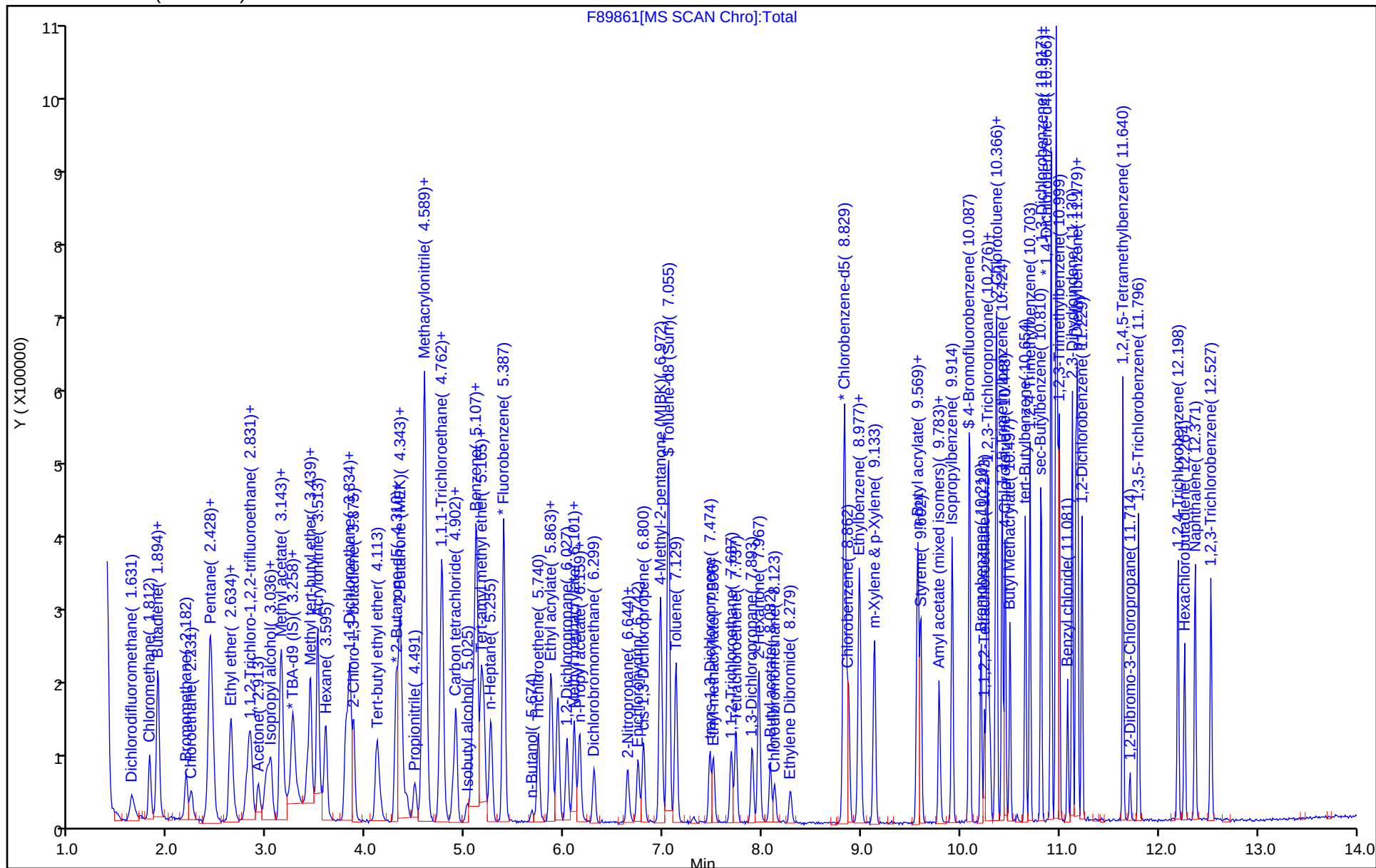
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-662202/5
 Matrix: Water Lab File ID: F89803.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/13/2019 21:19
 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.: 662202 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	15.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.43
75-34-3	1,1-Dichloroethane	18.9		1.0	0.26
75-35-4	1,1-Dichloroethene	17.3		1.0	0.26
107-06-2	1,2-Dichloroethane	18.7		1.0	0.43
78-87-5	1,2-Dichloropropane	19.7		1.0	0.35
78-93-3	2-Butanone (MEK)	81.5		5.0	1.9
591-78-6	2-Hexanone	93.8		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	94.0		5.0	1.3
67-64-1	Acetone	104		5.0	4.4
71-43-2	Benzene	18.3		1.0	0.20
75-27-4	Bromodichloromethane	16.0		1.0	0.34
75-25-2	Bromoform	11.3		1.0	0.54
74-83-9	Bromomethane	15.6		1.0	0.55
75-15-0	Carbon disulfide	19.1		1.0	0.82
56-23-5	Carbon tetrachloride	13.0		1.0	0.21
108-90-7	Chlorobenzene	17.5		1.0	0.38
74-97-5	Chlorobromomethane	18.0		1.0	0.41
75-00-3	Chloroethane	16.1		1.0	0.32
67-66-3	Chloroform	18.2		1.0	0.33
74-87-3	Chloromethane	19.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.22
100-41-4	Ethylbenzene	16.9		1.0	0.30
75-09-2	Methylene Chloride	19.8		1.0	0.32
100-42-5	Styrene	16.9		1.0	0.42
127-18-4	Tetrachloroethene	16.0		1.0	0.25
108-88-3	Toluene	17.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.49
79-01-6	Trichloroethene	17.4		1.0	0.31
75-01-4	Vinyl chloride	17.3		1.0	0.17
1330-20-7	Xylenes, Total	33.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-662202/5
Matrix: Water Lab File ID: F89803.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/13/2019 21:19
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.: 662202 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	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	98		72-131
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89803.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 13-Dec-2019 21:19:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0102759-005
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 11:22:35 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: yallabg

Date: 13-Dec-2019 22:46:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.623	1.632	-0.009	99	48730	20.0	13.0	
3 Chloromethane	50	1.804	1.812	-0.008	100	82779	20.0	19.2	
5 Butadiene	54	1.886	1.894	-0.008	95	59369	20.0	15.3	
4 Vinyl chloride	62	1.894	1.903	-0.009	98	70095	20.0	17.3	
6 Bromomethane	94	2.174	2.182	-0.008	99	43483	20.0	15.6	
7 Chloroethane	64	2.223	2.231	-0.008	99	41138	20.0	16.1	
8 Dichlorofluoromethane	67	2.412	2.412	0.000	99	102159	20.0	15.1	
9 Trichlorofluoromethane	101	2.429	2.429	0.000	61	71426	20.0	14.7	
10 Pentane	72	2.420	2.437	-0.017	97	17444	40.0	36.9	
12 Ethyl ether	59	2.609	2.609	0.000	94	37109	20.0	19.9	
11 Ethanol	46	2.601	2.626	-0.025	78	7684	800.0	732.3	
13 2-Methyl-1,3-butadiene	53	2.626	2.634	-0.008	97	39112	20.0	17.3	
15 Acrolein	56	2.774	2.782	-0.008	63	11830	40.0	39.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	95	45047	20.0	18.2	
17 1,1-Dichloroethene	96	2.831	2.839	-0.008	98	40431	20.0	17.3	
18 Acetone	43	2.897	2.905	-0.008	86	89135	100.0	103.9	
19 Iodomethane	142	2.979	2.987	-0.008	99	76047	20.0	17.4	
20 Isopropyl alcohol	45	2.979	2.987	-0.008	40	24814	200.0	194.5	
21 Carbon disulfide	76	3.028	3.037	-0.009	100	170703	20.0	19.1	
22 3-Chloro-1-propene	41	3.119	3.127	-0.008	91	86639	20.0	18.4	
24 Methyl acetate	43	3.135	3.135	0.000	100	75337	40.0	37.8	
23 Cyclopentene	67	3.143	3.152	-0.009	93	102336	20.0	17.5	
14 1,2-Dichloro-1,1,2-trifluo	117	3.004	3.160	-0.156	41	53	NC	NC	
25 Acetonitrile	41	3.193	3.193	0.000	95	94601	200.0	299.0	a
* 26 TBA-d9 (IS)	65	3.242	3.242	0.000	0	204102	1000.0	1000.0	
27 Methylene Chloride	84	3.258	3.258	0.000	97	53357	20.0	19.8	
28 2-Methyl-2-propanol	59	3.308	3.308	0.000	94	33783	200.0	160.8	a
29 Methyl tert-butyl ether	73	3.406	3.415	-0.009	98	135815	20.0	19.8	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	98	42511	20.0	18.7	
31 Acrylonitrile	53	3.497	3.505	-0.008	95	196535	200.0	204.5	
32 Hexane	43	3.579	3.587	-0.008	93	41839	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.793	3.793	0.000	96	161170	20.0	20.6	
34 1,1-Dichloroethane	63	3.817	3.825	-0.008	99	80778	20.0	18.9	
35 Vinyl acetate	86	3.834	3.834	0.000	100	15825	40.0	29.1	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	94	35204	20.0	17.0	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	89	144398	20.0	18.9	
* 38 2-Butanone-d5	46	4.294	4.294	0.000	0	261383	250.0	250.0	
39 2,2-Dichloropropane	97	4.318	4.335	-0.017	94	14358	20.0	16.1	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	93	44842	20.0	18.1	
42 Ethyl acetate	70	4.351	4.351	0.000	94	9527	40.0	34.6	
41 2-Butanone (MEK)	72	4.351	4.351	0.000	95	24039	100.0	81.5	
43 Methyl acrylate	55	4.401	4.409	-0.008	99	38384	20.0	17.8	
44 Propionitrile	54	4.483	4.483	0.000	98	73769	200.0	241.0	
46 Tetrahydrofuran	72	4.565	4.557	0.008	63	12234	40.0	35.0	
45 Chlorobromomethane	128	4.557	4.565	-0.008	97	22279	20.0	18.0	
47 Methacrylonitrile	67	4.581	4.581	0.000	95	192442	200.0	190.4	
48 Chloroform	83	4.606	4.606	0.000	97	72515	20.0	18.2	
49 Cyclohexane	84	4.746	4.746	0.000	94	69738	20.0	18.3	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	71	59560	20.0	15.8	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	97589	50.0	49.1	
52 Carbon tetrachloride	117	4.877	4.885	-0.008	94	41406	20.0	13.0	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	93	51479	20.0	17.1	
54 Isobutyl alcohol	43	5.017	5.017	0.000	97	32729	500.0	357.5	
55 Benzene	78	5.099	5.099	0.000	98	161576	20.0	18.3	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.107	5.116	-0.009	0	131741	50.0	50.2	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	135960	20.0	18.1	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	91	135110	20.0	19.1	
59 1,2-Dichloroethane	62	5.181	5.189	-0.008	96	61049	20.0	18.7	
60 n-Heptane	57	5.247	5.255	-0.008	94	34250	20.0	19.0	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	380546	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	96	16564	500.0	293.8	
63 Trichloroethene	95	5.732	5.732	0.000	95	38125	20.0	17.4	
65 Ethyl acrylate	55	5.855	5.863	-0.008	97	109574	20.0	17.2	
64 Methylcyclohexane	83	5.863	5.863	0.000	82	71374	20.0	16.6	
66 1,2-Dichloropropane	63	6.019	6.028	-0.009	88	43552	20.0	19.7	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	19965	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	92	18231	40.0	28.1	
69 1,4-Dioxane	88	6.134	6.134	0.000	42	10228	400.0	405.2	
71 Dibromomethane	93	6.151	6.151	0.000	93	25934	20.0	19.1	
70 n-Propyl acetate	43	6.151	6.151	0.000	99	61710	20.0	17.1	
72 Dichlorobromomethane	83	6.299	6.299	0.000	99	46089	20.0	16.0	
74 2-Chloroethyl vinyl ether	63	6.636	6.636	0.000	84	24767	20.0	17.7	
73 2-Nitropropane	41	6.636	6.636	0.000	75	10620	40.0	14.5	
75 Epichlorohydrin	57	6.742	6.742	0.000	99	88355	400.0	385.6	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	96	62438	20.0	17.8	
77 4-Methyl-2-pentanone (MIBK	43	6.964	6.964	0.000	99	235289	100.0	94.0	
\$ 78 Toluene-d8 (Surr)	98	7.046	7.046	0.000	98	373719	50.0	49.9	
79 Toluene	91	7.129	7.129	0.000	93	157122	20.0	17.0	
80 trans-1,3-Dichloropropene	75	7.466	7.466	0.000	97	57216	20.0	17.4	
81 Ethyl methacrylate	69	7.507	7.507	0.000	91	48470	20.0	15.5	
82 1,1,2-Trichloroethane	83	7.679	7.687	-0.008	93	30656	20.0	20.6	
83 Tetrachloroethene	166	7.728	7.728	0.000	96	36219	20.0	16.0	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	95	62937	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
85 2-Hexanone	43	7.959	7.967	-0.008	98	156768	100.0	93.8	
86 n-Butyl acetate	43	8.074	8.082	-0.008	98	64346	20.0	16.3	
87 Chlorodibromomethane	129	8.123	8.123	0.000	96	28775	20.0	13.5	
88 Ethylene Dibromide	107	8.279	8.279	0.000	98	34827	20.0	17.7	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	283822	50.0	50.0	
90 Chlorobenzene	112	8.871	8.871	0.000	92	103738	20.0	17.5	
91 Ethylbenzene	106	8.969	8.977	-0.008	99	54565	20.0	16.9	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	92	31845	20.0	13.4	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	66597	20.0	16.7	
94 n-Butyl acrylate	73	9.561	9.561	0.000	97	28444	20.0	14.5	
95 o-Xylene	106	9.569	9.569	0.000	93	70874	20.0	17.0	
96 Styrene	104	9.602	9.602	0.000	93	115186	20.0	16.9	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	79622	20.0	14.8	
98 Bromoform	173	9.791	9.799	-0.008	95	17738	20.0	11.3	
99 Isopropylbenzene	105	9.914	9.914	0.000	96	186382	20.0	17.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.095	0.000	91	121822	50.0	48.0	
101 Bromobenzene	156	10.210	10.210	0.000	96	47155	20.0	17.8	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	51906	20.0	18.8	
103 N-Propylbenzene	91	10.268	10.268	0.000	99	232770	20.0	17.4	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	15305	20.0	16.9	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	75	16947	20.0	18.5	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	162199	20.0	17.7	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	193140	20.0	17.4	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	93	164885	20.0	17.2	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	147561	20.0	17.9	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	52442	20.0	14.4	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	126778	20.0	16.4	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	174229	20.0	17.3	
113 sec-Butylbenzene	105	10.810	10.810	0.000	98	214879	20.0	17.4	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	185198	20.0	17.0	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	74	99402	20.0	18.2	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	174331	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	94	102698	20.0	18.2	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	190071	20.0	18.1	
118 Benzyl chloride	91	11.081	11.081	0.000	98	85596	20.0	12.6	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	192667	20.0	18.8	
120 p-Diethylbenzene	119	11.163	11.163	0.000	93	110595	20.0	17.8	
121 n-Butylbenzene	92	11.180	11.180	0.000	98	107515	20.0	18.3	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	107245	20.0	19.0	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	98	196221	20.0	17.6	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	10697	20.0	15.0	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	97	87293	20.0	18.2	
126 1,2,4-Trichlorobenzene	180	12.198	12.198	0.000	93	83317	20.0	19.0	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	32344	20.0	16.3	
128 Naphthalene	128	12.371	12.371	0.000	99	206092	20.0	21.0	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	95	77153	20.0	19.9	
S 130 1,2-Dichloroethene, Total	100				0		40.0	36.8	
S 131 Xylenes, Total	100				0		40.0	33.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191213-102759.b\F89803.D

Injection Date: 13-Dec-2019 21:19:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

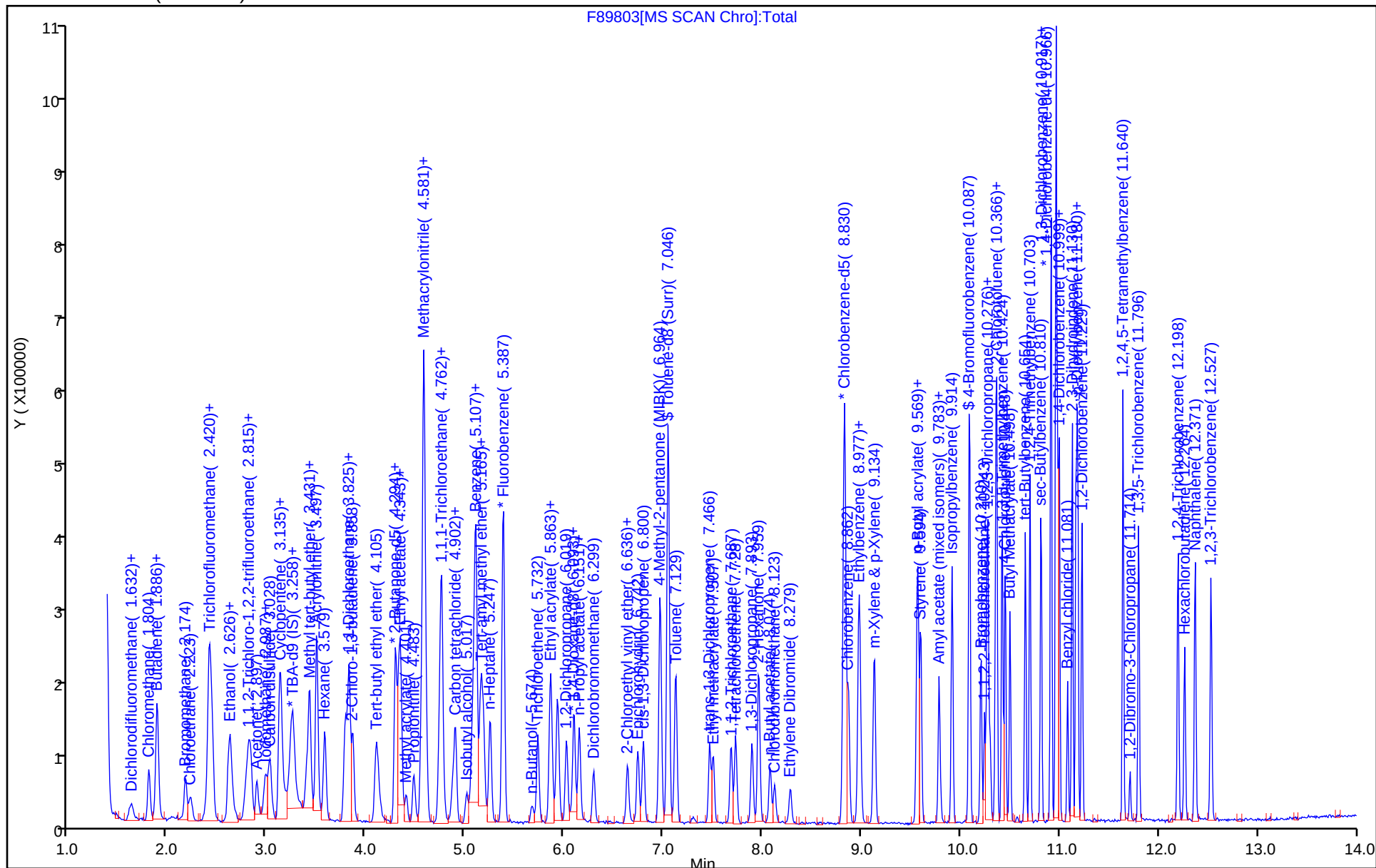
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

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>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-198386-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14B-120319 MS</u>	Lab Sample ID: <u>460-198386-5 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>F89839.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>12/03/2019 12:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/14/2019 14:06</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>662307</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	84.4		5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	102		5.0	1.8
79-00-5	1,1,2-Trichloroethane	130		5.0	2.2
75-34-3	1,1-Dichloroethane	101		5.0	1.3
75-35-4	1,1-Dichloroethene	94.3		5.0	1.3
107-06-2	1,2-Dichloroethane	93.7		5.0	2.2
78-87-5	1,2-Dichloropropane	105		5.0	1.8
78-93-3	2-Butanone (MEK)	472		25	9.3
591-78-6	2-Hexanone	451		25	5.7
108-10-1	4-Methyl-2-pentanone (MIBK)	497		25	6.5
67-64-1	Acetone	548		25	22
71-43-2	Benzene	110		5.0	1.0
75-27-4	Bromodichloromethane	80.9		5.0	1.7
75-25-2	Bromoform	55.4		5.0	2.7
74-83-9	Bromomethane	92.2		5.0	2.8
75-15-0	Carbon disulfide	93.7		5.0	4.1
56-23-5	Carbon tetrachloride	70.1		5.0	1.0
108-90-7	Chlorobenzene	94.3		5.0	1.9
74-97-5	Chlorobromomethane	95.2		5.0	2.1
75-00-3	Chloroethane	96.1		5.0	1.6
67-66-3	Chloroform	98.1		5.0	1.6
74-87-3	Chloromethane	116		5.0	2.0
156-59-2	cis-1,2-Dichloroethene	105		5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	90.9		5.0	1.1
100-41-4	Ethylbenzene	100		5.0	1.5
75-09-2	Methylene Chloride	104		5.0	1.6
100-42-5	Styrene	93.7		5.0	2.1
127-18-4	Tetrachloroethene	927		5.0	1.2
108-88-3	Toluene	97.6		5.0	1.9
156-60-5	trans-1,2-Dichloroethene	99.6		5.0	1.2
10061-02-6	trans-1,3-Dichloropropene	83.7		5.0	2.4
79-01-6	Trichloroethene	125		5.0	1.6
75-01-4	Vinyl chloride	109		5.0	0.86
1330-20-7	Xylenes, Total	192		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW14B-120319 MS Lab Sample ID: 460-198386-5 MS
Matrix: Water Lab File ID: F89839.D
Analysis Method: 8260C Date Collected: 12/03/2019 12:45
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 14:06
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.: 662307 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89839.D
 Lims ID: 460-198386-A-5 MS
 Client ID: FSMW14B-120319
 Sample Type: MS
 Inject. Date: 14-Dec-2019 14:06:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-198386-A-5 MS
 Misc. Info.: 460-0102782-013
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:15:05 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 17:58:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.599	1.599	0.000	92	21701	20.0	21.8	
2 Dichlorodifluoromethane	85	1.648	1.632	0.016	85	86865	20.0	22.9	
3 Chloromethane	50	1.821	1.812	0.009	100	100757	20.0	23.1	
5 Butadiene	54	1.903	1.886	0.017	98	77997	20.0	19.9	
4 Vinyl chloride	62	1.903	1.895	0.008	98	89253	20.0	21.8	
6 Bromomethane	94	2.190	2.174	0.016	98	51903	20.0	18.4	
7 Chloroethane	64	2.240	2.231	0.009	99	49519	20.0	19.2	
8 Dichlorofluoromethane	67	2.420	2.404	0.016	98	116094	20.0	17.0	
10 Pentane	72	2.445	2.420	0.025	97	19239	40.0	45.0	
9 Trichlorofluoromethane	101	2.445	2.429	0.016	66	92628	20.0	18.9	
12 Ethyl ether	59	2.618	2.609	0.009	95	38020	20.0	20.2	
11 Ethanol	46	2.609	2.618	-0.009	70	6996	800.0	735.9	
13 2-Methyl-1,3-butadiene	53	2.642	2.634	0.008	99	41762	20.0	18.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.675	2.675	0.000	95	43428	NC	NC	
164 1,1,1-Trifluoro-2,2-dichlo	83	2.733	2.725	0.009	95	72388	20.0	21.3	a
15 Acrolein	56	2.790	2.782	0.008	93	14269	40.0	52.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	95	50182	20.0	20.1	
17 1,1-Dichloroethene	96	2.839	2.831	0.008	96	44445	20.0	18.9	
18 Acetone	43	2.913	2.897	0.016	86	92248	100.0	109.6	
19 Iodomethane	142	2.996	2.979	0.017	98	79809	20.0	18.1	
20 Isopropyl alcohol	45	2.996	2.979	0.017	30	25208	200.0	218.1	
21 Carbon disulfide	76	3.037	3.029	0.008	100	169138	20.0	18.7	
22 3-Chloro-1-propene	41	3.135	3.119	0.016	92	90094	20.0	19.0	
24 Methyl acetate	43	3.144	3.127	0.017	97	75544	40.0	37.5	
23 Cyclopentene	67	3.160	3.144	0.016	95	110889	20.0	18.7	
25 Acetonitrile	41	3.201	3.193	0.008	96	89792	200.0	313.2	a
* 26 TBA-d9 (IS)	65	3.259	3.242	0.017	0	184927	1000.0	1000.0	
27 Methylene Chloride	84	3.267	3.259	0.008	97	56371	20.0	20.7	
28 2-Methyl-2-propanol	59	3.316	3.308	0.008	93	27319	200.0	143.5	a
29 Methyl tert-butyl ether	73	3.415	3.407	0.009	98	133647	20.0	19.3	
30 trans-1,2-Dichloroethene	96	3.439	3.431	0.008	98	45684	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.513	3.497	0.016	93	211344	200.0	217.6	
32 Hexane	43	3.595	3.579	0.016	93	48075	20.0	22.1	
33 Isopropyl ether	45	3.801	3.793	0.008	96	167522	20.0	21.2	
34 1,1-Dichloroethane	63	3.834	3.826	0.008	99	87827	20.0	20.3	
35 Vinyl acetate	86	3.842	3.834	0.008	100	16182	40.0	29.4	
36 2-Chloro-1,3-butadiene	88	3.875	3.867	0.008	94	41284	20.0	19.8	
37 Tert-butyl ethyl ether	59	4.113	4.105	0.008	89	147107	20.0	19.1	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	256452	250.0	250.0	
39 2,2-Dichloropropane	97	4.327	4.319	0.008	79	16719	20.0	18.6	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	93	52447	20.0	21.0	
42 Ethyl acetate	70	4.351	4.343	0.008	93	8776	40.0	32.5	
41 2-Butanone (MEK)	72	4.360	4.351	0.009	95	27281	100.0	94.3	
43 Methyl acrylate	55	4.409	4.401	0.008	99	35283	20.0	17.3	
44 Propionitrile	54	4.491	4.483	0.008	97	75618	200.0	272.7	
46 Tetrahydrofuran	72	4.565	4.557	0.008	61	13326	40.0	39.1	
45 Chlorobromomethane	128	4.565	4.557	0.008	98	23786	20.0	19.0	
47 Methacrylonitrile	67	4.590	4.582	0.008	95	194746	200.0	190.7	
48 Chloroform	83	4.614	4.606	0.008	96	78996	20.0	19.6	
49 Cyclohexane	84	4.754	4.746	0.008	94	78986	20.0	20.6	
50 1,1,1-Trichloroethane	97	4.770	4.762	0.008	70	64470	20.0	16.9	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.762	0.008	96	99674	50.0	49.7	
52 Carbon tetrachloride	117	4.885	4.877	0.008	95	45184	20.0	14.0	
53 1,1-Dichloropropene	75	4.910	4.902	0.008	94	62956	20.0	20.8	
54 Isobutyl alcohol	43	5.033	5.009	0.024	95	19755	500.0	238.2	
55 Benzene	78	5.107	5.099	0.008	97	184505	20.0	22.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.124	5.107	0.017	0	133291	50.0	50.3	
57 Isopropyl acetate	43	5.165	5.157	0.008	95	137985	20.0	18.2	
58 Tert-amyl methyl ether	73	5.173	5.165	0.008	91	135705	20.0	19.0	
59 1,2-Dichloroethane	62	5.198	5.190	0.008	95	61833	20.0	18.7	
60 n-Heptane	57	5.263	5.247	0.016	93	38509	20.0	21.2	
* 61 Fluorobenzene	96	5.395	5.387	0.008	98	384514	50.0	50.0	
62 n-Butanol	56	5.683	5.674	0.009	93	12232	500.0	239.5	
63 Trichloroethene	95	5.740	5.732	0.008	96	55104	20.0	24.9	
65 Ethyl acrylate	55	5.863	5.863	0.000	98	113234	20.0	17.6	
64 Methylcyclohexane	83	5.872	5.863	0.009	89	82191	20.0	18.9	
66 1,2-Dichloropropane	63	6.028	6.019	0.009	87	46709	20.0	21.0	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	18869	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	93	18237	40.0	27.9	
69 1,4-Dioxane	88	6.143	6.135	0.008	87	9643	400.0	404.2	
71 Dibromomethane	93	6.159	6.151	0.008	94	26927	20.0	19.6	
70 n-Propyl acetate	43	6.159	6.151	0.008	99	57574	20.0	15.8	
72 Dichlorobromomethane	83	6.299	6.299	0.000	99	47051	20.0	16.2	
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	57	5410	20.0	3.83	
73 2-Nitropropane	41	6.644	6.644	0.000	75	11177	40.0	15.1	
75 Epichlorohydrin	57	6.751	6.743	0.008	100	84737	400.0	376.8	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	97	60515	20.0	18.2	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.964	0.009	98	244272	100.0	99.5	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	99	365361	50.0	51.5	
79 Toluene	91	7.129	7.121	0.008	93	171330	20.0	19.5	
80 trans-1,3-Dichloropropene	75	7.474	7.466	0.008	96	52236	20.0	16.7	
81 Ethyl methacrylate	69	7.507	7.507	0.000	91	46459	20.0	15.7	
82 1,1,2-Trichloroethane	83	7.687	7.679	0.008	95	36765	20.0	26.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.729	0.008	96	396981	20.0	185.4	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	95	62556	20.0	20.6	
85 2-Hexanone	43	7.967	7.959	0.008	98	147865	100.0	90.2	
86 n-Butyl acetate	43	8.082	8.074	0.008	98	58663	20.0	15.7	
87 Chlorodibromomethane	129	8.131	8.123	0.008	97	26455	20.0	13.1	
88 Ethylene Dibromide	107	8.287	8.279	0.008	99	32790	20.0	17.6	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	269093	50.0	50.0	
90 Chlorobenzene	112	8.871	8.863	0.008	93	105816	20.0	18.9	
91 Ethylbenzene	106	8.978	8.978	0.000	99	61210	20.0	20.0	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	89	33961	20.0	15.1	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	72874	20.0	19.3	
94 n-Butyl acrylate	73	9.561	9.561	0.000	97	25011	20.0	13.4	
95 o-Xylene	106	9.569	9.569	0.000	92	75930	20.0	19.2	
96 Styrene	104	9.602	9.602	0.000	96	121161	20.0	18.7	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	73420	20.0	14.3	
98 Bromoform	173	9.799	9.791	0.008	95	16420	20.0	11.1	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	205399	20.0	19.8	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	90	113686	50.0	47.3	
101 Bromobenzene	156	10.210	10.210	0.000	96	47512	20.0	18.9	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	53601	20.0	20.3	
103 N-Propylbenzene	91	10.276	10.268	0.008	99	253116	20.0	19.9	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	15459	20.0	17.9	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	70	14776	20.0	16.9	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	169745	20.0	19.4	
107 4-Ethyltoluene	105	10.366	10.366	0.000	98	207315	20.0	19.6	
108 1,3,5-Trimethylbenzene	105	10.424	10.416	0.008	93	178390	20.0	19.6	
109 4-Chlorotoluene	91	10.457	10.448	0.009	98	153273	20.0	19.6	
110 Butyl Methacrylate	87	10.498	10.498	0.000	94	48600	20.0	14.0	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	137490	20.0	18.7	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	185346	20.0	19.3	
113 sec-Butylbenzene	105	10.818	10.810	0.008	98	226783	20.0	19.2	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	193182	20.0	18.6	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	72	100303	20.0	19.2	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	166158	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	94	104574	20.0	19.5	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	198209	20.0	19.8	
118 Benzyl chloride	91	11.081	11.081	0.000	98	80829	20.0	12.4	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	191754	20.0	19.7	
120 p-Diethylbenzene	119	11.171	11.163	0.008	94	114773	20.0	19.4	
121 n-Butylbenzene	92	11.180	11.180	0.000	98	113953	20.0	20.3	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	95	107509	20.0	20.0	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	97	192871	20.0	18.2	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	8452	20.0	12.4	
125 1,3,5-Trichlorobenzene	180	11.804	11.796	0.008	98	85346	20.0	18.7	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	94	74799	20.0	17.9	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	33468	20.0	17.7	
128 Naphthalene	128	12.371	12.371	0.000	99	157725	20.0	16.9	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	94	62816	20.0	17.0	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 131 Xylenes, Total	100				0		40.0	38.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89839.D

Injection Date: 14-Dec-2019 14:06:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-A-5 MS

Worklist Smp#: 13

Client ID: FSMW14B-120319

Purge Vol: 5.000 mL

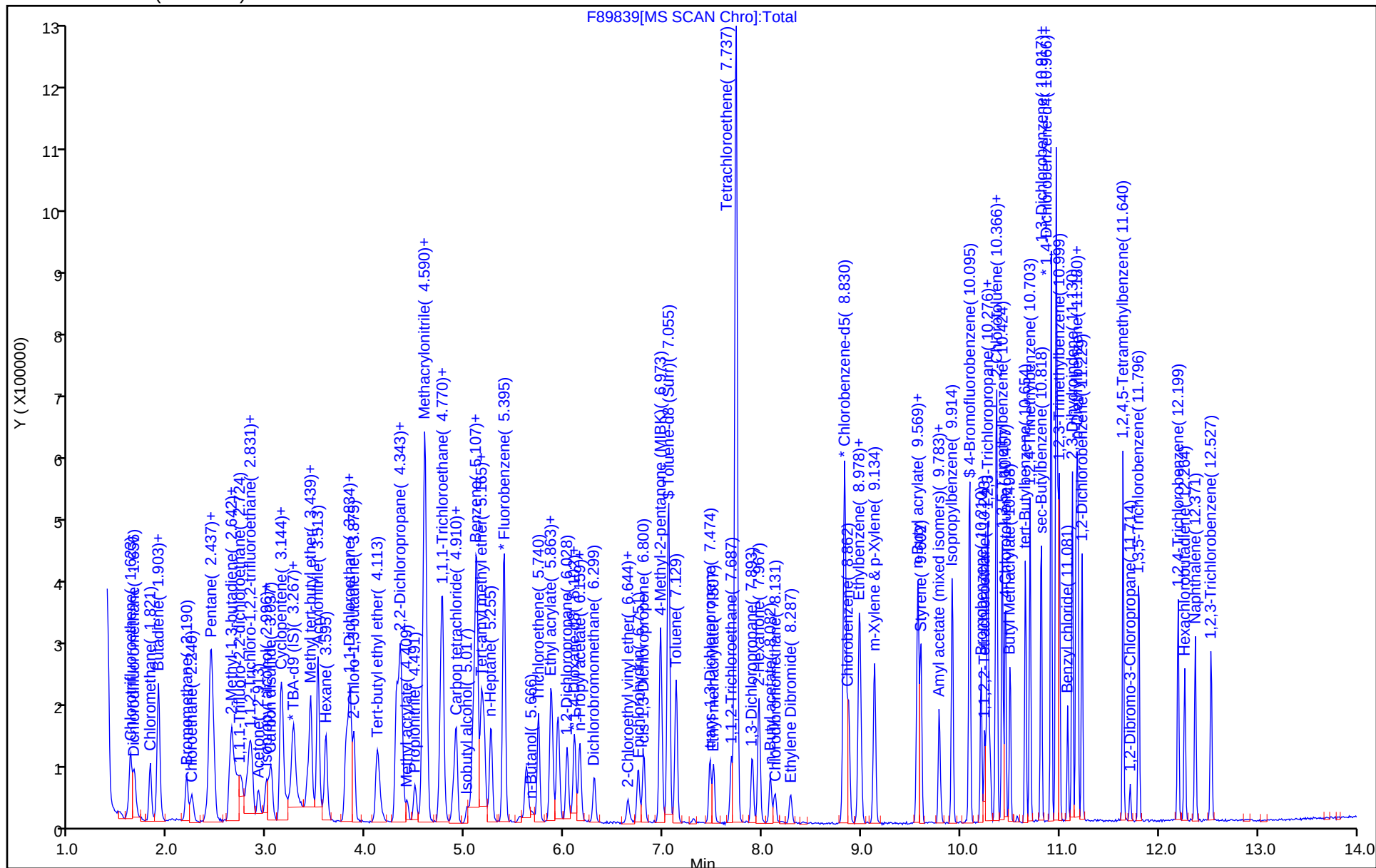
Dil. Factor: 5.0000

ALS Bottle#: 12

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 480-163635-B-1 MS
 Matrix: Water Lab File ID: F89883.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/15/2019 08:18
 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.: 662428 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.3		1.0	0.43
75-34-3	1,1-Dichloroethane	55.0		1.0	0.26
75-35-4	1,1-Dichloroethene	92.4		1.0	0.26
107-06-2	1,2-Dichloroethane	24.0		1.0	0.43
78-87-5	1,2-Dichloropropane	19.4		1.0	0.35
78-93-3	2-Butanone (MEK)	91.3		5.0	1.9
591-78-6	2-Hexanone	92.7		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	1.3
67-64-1	Acetone	95.3		5.0	4.4
71-43-2	Benzene	23.1		1.0	0.20
75-27-4	Bromodichloromethane	16.5		1.0	0.34
75-25-2	Bromoform	9.33		1.0	0.54
74-83-9	Bromomethane	17.8		1.0	0.55
75-15-0	Carbon disulfide	19.7		1.0	0.82
56-23-5	Carbon tetrachloride	13.3		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
74-97-5	Chlorobromomethane	19.6		1.0	0.41
75-00-3	Chloroethane	21.2		1.0	0.32
67-66-3	Chloroform	19.7		1.0	0.33
74-87-3	Chloromethane	24.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.22
100-41-4	Ethylbenzene	24.2		1.0	0.30
75-09-2	Methylene Chloride	20.2		1.0	0.32
100-42-5	Styrene	18.8		1.0	0.42
127-18-4	Tetrachloroethene	18.8		1.0	0.25
108-88-3	Toluene	20.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.2		1.0	0.49
79-01-6	Trichloroethene	18.9		1.0	0.31
75-01-4	Vinyl chloride	22.3		1.0	0.17
1330-20-7	Xylenes, Total	72.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 480-163635-B-1 MS
Matrix: Water Lab File ID: F89883.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/15/2019 08:18
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.: 662428 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	96		77-124
1868-53-7	Dibromofluoromethane (Surr)	101		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89883.D
 Lims ID: 480-163635-B-1 MS
 Client ID: PMW-1D
 Sample Type: MS
 Inject. Date: 15-Dec-2019 08:18:30 ALS Bottle#: 29 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-163635-B-1 MS
 Misc. Info.: 460-0102818-026
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 16:31:38 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0318

First Level Reviewer: delpolitov

Date: 15-Dec-2019 16:27:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.640	1.640	0.000	99	67412	20.0	19.3	
3 Chloromethane	50	1.821	1.812	0.009	100	97451	20.0	24.2	
5 Butadiene	54	1.895	1.895	0.000	97	72331	20.0	20.0	
4 Vinyl chloride	62	1.903	1.903	0.000	99	84406	20.0	22.3	
6 Bromomethane	94	2.182	2.182	0.000	98	46201	20.0	17.8	
7 Chloroethane	64	2.232	2.231	0.001	100	50468	20.0	21.2	
8 Dichlorofluoromethane	67	2.421	2.412	0.009	99	109632	20.0	17.4	
10 Pentane	72	2.437	2.429	0.008	96	17610	40.0	45.9	
9 Trichlorofluoromethane	101	2.437	2.437	0.000	64	83807	20.0	18.5	
12 Ethyl ether	59	2.618	2.618	0.000	93	36676	20.0	21.1	
11 Ethanol	46	2.610	2.618	-0.008	74	4693	800.0	549.4	
13 2-Methyl-1,3-butadiene	53	2.642	2.642	0.000	98	37642	20.0	17.9	
15 Acrolein	56	2.790	2.790	0.000	39	8615	40.0	34.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.815	2.807	0.008	97	45682	20.0	19.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.642	2.815	-0.173	70	144		NC	
17 1,1-Dichloroethene	96	2.840	2.831	0.009	97	200960	20.0	92.4	
18 Acetone	43	2.914	2.913	0.001	88	79240	100.0	95.3	
19 Iodomethane	142	2.987	2.987	0.000	98	73443	20.0	18.0	
20 Isopropyl alcohol	45	3.004	2.996	0.008	39	21425	200.0	206.3	
21 Carbon disulfide	76	3.037	3.029	0.009	100	164002	20.0	19.7	
22 3-Chloro-1-propene	41	3.135	3.135	0.000	91	86364	20.0	19.7	
24 Methyl acetate	43	3.144	3.144	0.000	99	72028	40.0	38.8	
23 Cyclopentene	67	3.152	3.152	0.000	94	104060	20.0	19.1	
25 Acetonitrile	41	3.201	3.201	0.000	19	78971	200.0	306.6	a
27 Methylene Chloride	84	3.259	3.259	0.000	98	50673	20.0	20.2	
* 26 TBA-d9 (IS)	65	3.259	3.259	0.000	0	166146	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.324	3.308	0.016	28	27810	200.0	162.6	a
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	98	123284	20.0	19.2	
30 trans-1,2-Dichloroethene	96	3.439	3.439	0.000	99	40664	20.0	19.2	
31 Acrylonitrile	53	3.513	3.513	0.000	93	196752	200.0	219.6	
32 Hexane	43	3.587	3.587	0.000	93	49653	20.0	24.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.801	3.793	0.008	93	157883	20.0	21.6	
34 1,1-Dichloroethane	63	3.834	3.826	0.008	100	219631	20.0	55.0	
35 Vinyl acetate	86	3.842	3.842	0.000	100	14952	40.0	29.5	
36 2-Chloro-1,3-butadiene	88	3.875	3.875	0.000	96	36401	20.0	18.9	
37 Tert-butyl ethyl ether	59	4.113	4.105	0.008	89	132513	20.0	18.7	
* 38 2-Butanone-d5	46	4.302	4.302	0.000	0	253222	250.0	250.0	
39 2,2-Dichloropropane	97	4.335	4.335	0.000	93	12983	20.0	15.7	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	93	47563	20.0	20.6	
42 Ethyl acetate	70	4.360	4.351	0.009	93	7763	40.0	29.1	
41 2-Butanone (MEK)	72	4.360	4.360	0.000	96	26088	100.0	91.3	
43 Methyl acrylate	55	4.409	4.409	0.000	98	33261	20.0	17.7	
44 Propionitrile	54	4.491	4.491	0.000	98	76619	200.0	307.5	
45 Chlorobromomethane	128	4.565	4.565	0.000	97	22605	20.0	19.6	
46 Tetrahydrofuran	72	4.565	4.573	-0.008	58	12767	40.0	37.9	
47 Methacrylonitrile	67	4.590	4.590	0.000	94	185361	200.0	196.7	
48 Chloroform	83	4.614	4.614	0.000	96	73286	20.0	19.7	
49 Cyclohexane	84	4.762	4.754	0.008	95	68972	20.0	19.5	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	74	59825	20.0	17.0	
\$ 51 Dibromofluoromethane (Surr	113	4.771	4.770	0.001	96	93693	50.0	50.6	
52 Carbon tetrachloride	117	4.886	4.877	0.009	94	39488	20.0	13.3	
53 1,1-Dichloropropene	75	4.910	4.910	0.000	94	57716	20.0	20.6	
54 Isobutyl alcohol	43	5.025	5.017	0.008	94	14616	500.0	196.1	
55 Benzene	78	5.107	5.107	0.000	97	178044	20.0	23.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	0	127891	50.0	52.3	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	135186	20.0	19.3	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	92	125293	20.0	19.0	
59 1,2-Dichloroethane	62	5.198	5.190	0.008	98	72949	20.0	24.0	
60 n-Heptane	57	5.255	5.255	0.000	94	33044	20.0	19.7	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	354749	50.0	50.0	
62 n-Butanol	56	5.674	5.683	-0.009	93	11905	500.0	259.4	
63 Trichloroethene	95	5.740	5.740	0.000	97	38632	20.0	18.9	
65 Ethyl acrylate	55	5.863	5.863	0.000	96	102000	20.0	17.2	
64 Methylcyclohexane	83	5.872	5.872	0.000	90	74585	20.0	18.6	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	83	39884	20.0	19.4	
* 67 1,4-Dioxane-d8	96	6.077	6.077	0.000	0	14653	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	91	17561	40.0	29.1	
69 1,4-Dioxane	88	6.143	6.134	0.009	41	10239	400.0	552.6	
71 Dibromomethane	93	6.151	6.151	0.000	93	24518	20.0	19.3	
70 n-Propyl acetate	43	6.151	6.151	0.000	98	54473	20.0	16.2	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	44220	20.0	16.5	
73 2-Nitropropane	41	6.644	6.636	0.008	67	9622	40.0	14.1	
75 Epichlorohydrin	57	6.743	6.743	0.000	99	66242	400.0	297.5	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	96	54966	20.0	18.0	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	99	249211	100.0	102.8	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	98	340047	50.0	52.1	
79 Toluene	91	7.129	7.129	0.000	93	164182	20.0	20.4	
80 trans-1,3-Dichloropropene	75	7.474	7.466	0.008	97	49203	20.0	17.2	
81 Ethyl methacrylate	69	7.507	7.507	0.000	91	42539	20.0	15.6	
82 1,1,2-Trichloroethane	83	7.688	7.687	0.001	93	28880	20.0	22.3	
83 Tetrachloroethene	166	7.737	7.737	0.000	97	37085	20.0	18.8	
84 1,3-Dichloropropane	76	7.901	7.893	0.008	97	58195	20.0	20.8	
85 2-Hexanone	43	7.967	7.959	0.008	98	150120	100.0	92.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 n-Butyl acetate	43	8.082	8.082	0.000	98	53925	20.0	15.7	
87 Chlorodibromomethane	129	8.123	8.123	0.000	98	22854	20.0	12.3	
88 Ethylene Dibromide	107	8.287	8.279	0.008	99	31124	20.0	18.2	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	90	247426	50.0	50.0	
90 Chlorobenzene	112	8.871	8.871	0.000	93	99997	20.0	19.4	
91 Ethylbenzene	106	8.978	8.978	0.000	99	67908	20.0	24.2	
92 1,1,1,2-Tetrachloroethane	131	8.994	8.986	0.008	87	29967	20.0	14.5	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	161237	20.0	46.4	
94 n-Butyl acrylate	73	9.561	9.561	0.000	94	22093	20.0	12.9	
95 o-Xylene	106	9.569	9.569	0.000	93	94136	20.0	25.9	
96 Styrene	104	9.602	9.602	0.000	93	111575	20.0	18.8	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	89	67805	20.0	13.9	
98 Bromoform	173	9.799	9.799	0.000	94	12712	20.0	9.33	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	190935	20.0	20.0	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	90	106333	50.0	48.1	
101 Bromobenzene	156	10.210	10.210	0.000	96	44883	20.0	18.8	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	51745	20.0	20.7	a
103 N-Propylbenzene	91	10.268	10.268	0.000	98	238390	20.0	19.7	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	97	14602	20.0	17.8	
105 trans-1,4-Dichloro-2-buten	53	10.301	10.300	0.001	66	13663	20.0	16.5	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	166862	20.0	20.1	
107 4-Ethyltoluene	105	10.366	10.366	0.000	99	196519	20.0	19.6	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	94	167430	20.0	19.3	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	143740	20.0	19.3	
110 Butyl Methacrylate	87	10.498	10.498	0.000	95	42022	20.0	12.8	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	125122	20.0	17.9	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	176012	20.0	19.3	
113 sec-Butylbenzene	105	10.810	10.810	0.000	99	213146	20.0	19.0	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	181482	20.0	18.4	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	72	95096	20.0	19.2	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	157787	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.983	10.982	0.001	95	99057	20.0	19.4	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	186173	20.0	19.6	
118 Benzyl chloride	91	11.081	11.081	0.000	97	61025	20.0	9.90	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	93	183960	20.0	19.9	
120 p-Diethylbenzene	119	11.163	11.163	0.000	93	106076	20.0	18.8	
121 n-Butylbenzene	92	11.180	11.180	0.000	96	107565	20.0	20.2	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	94	98235	20.0	19.2	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	97	174255	20.0	17.3	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	85	7754	20.0	12.0	
125 1,3,5-Trichlorobenzene	180	11.796	11.796	0.000	96	78054	20.0	18.0	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	93	70547	20.0	17.8	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	95	28868	20.0	16.1	
128 Naphthalene	128	12.371	12.371	0.000	99	148724	20.0	16.8	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	94	57902	20.0	16.5	
S 130 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 131 Xylenes, Total	100				0		40.0	72.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

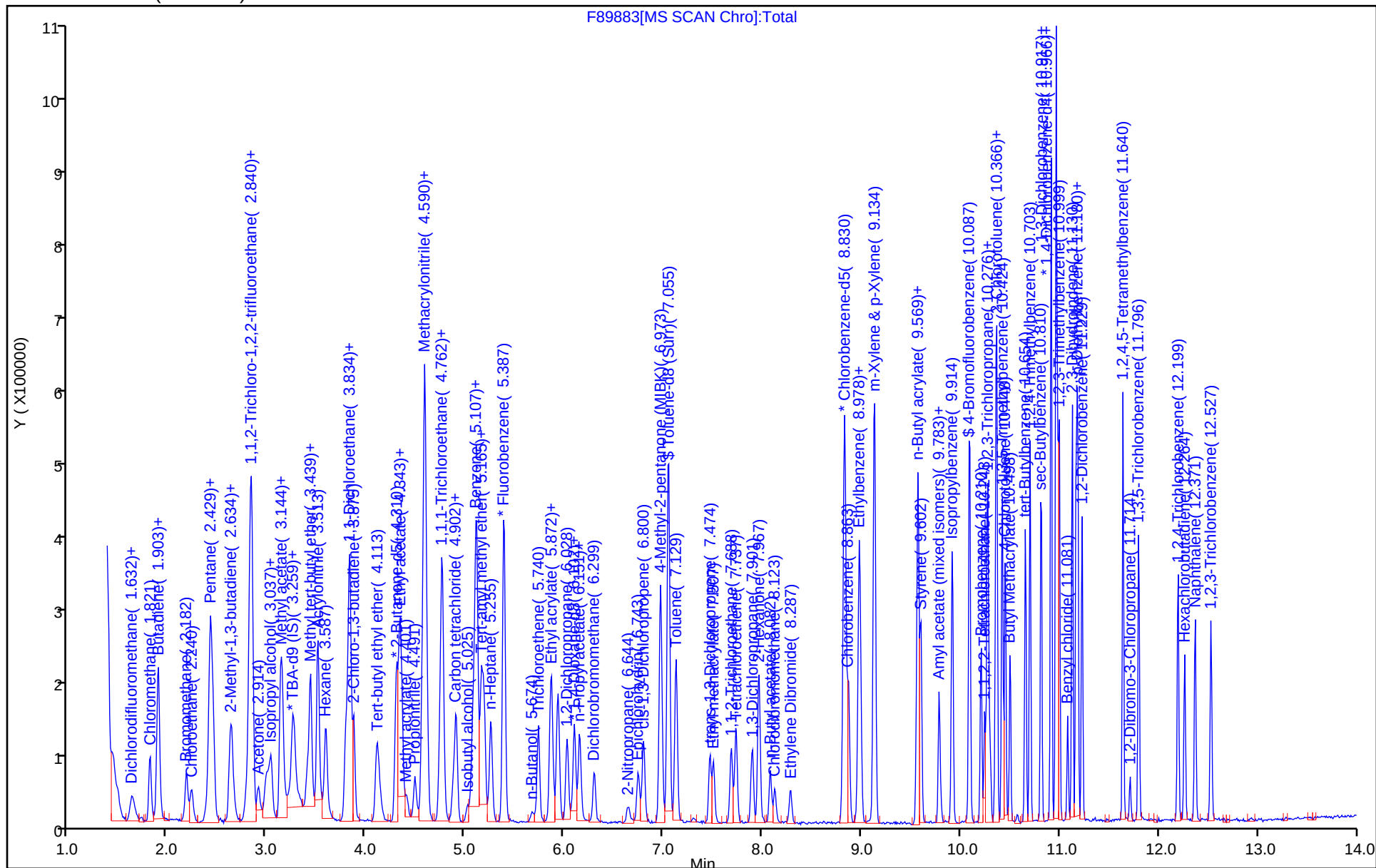
GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Operator ID:

Worklist Smp#: 26

ALS Bottle#: 29

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89883.D

Injection Date: 15-Dec-2019 08:18:30

Instrument ID: CVOAMS6

Lims ID: 480-163635-B-1 MS

Client ID: PMW-1D

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

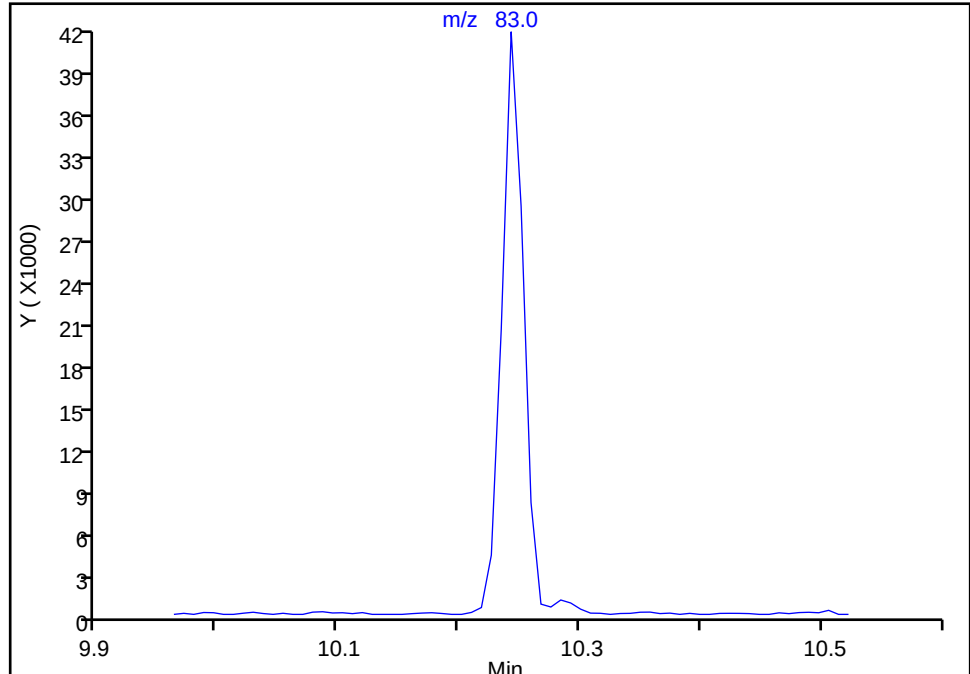
102 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

Not Detected

Expected RT: 10.24

Processing Integration Results



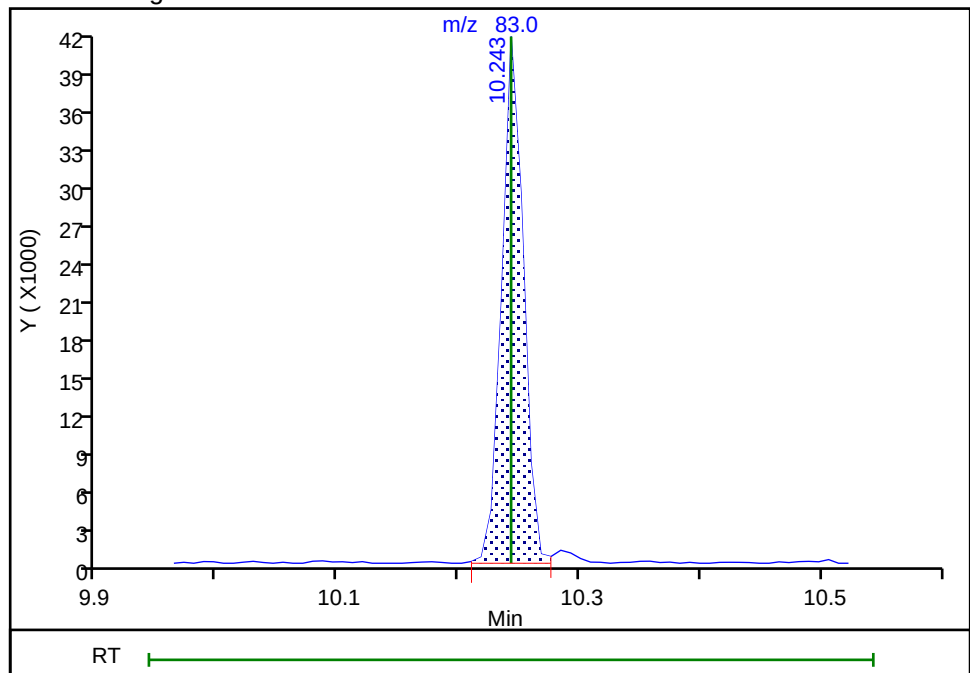
RT: 10.24

Area: 51745

Amount: 20.661606

Amount Units: ug/l

Manual Integration Results



Reviewer: delpolitov, 15-Dec-2019 16:26:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Client Sample ID: FSMW14B-120319 MSD Lab Sample ID: 460-198386-5 MSD

Matrix: Water Lab File ID: F89840.D

Analysis Method: 8260C Date Collected: 12/03/2019 12:45

Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 14:30

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.: 662307 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	85.3		5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	103		5.0	1.8
79-00-5	1,1,2-Trichloroethane	131		5.0	2.2
75-34-3	1,1-Dichloroethane	102		5.0	1.3
75-35-4	1,1-Dichloroethene	101		5.0	1.3
107-06-2	1,2-Dichloroethane	97.8		5.0	2.2
78-87-5	1,2-Dichloropropane	101		5.0	1.8
78-93-3	2-Butanone (MEK)	459		25	9.3
591-78-6	2-Hexanone	470		25	5.7
108-10-1	4-Methyl-2-pentanone (MIBK)	501		25	6.5
67-64-1	Acetone	543		25	22
71-43-2	Benzene	110		5.0	1.0
75-27-4	Bromodichloromethane	83.6		5.0	1.7
75-25-2	Bromoform	61.9		5.0	2.7
74-83-9	Bromomethane	96.8		5.0	2.8
75-15-0	Carbon disulfide	98.2		5.0	4.1
56-23-5	Carbon tetrachloride	70.9		5.0	1.0
108-90-7	Chlorobenzene	95.5		5.0	1.9
74-97-5	Chlorobromomethane	94.1		5.0	2.1
75-00-3	Chloroethane	101		5.0	1.6
67-66-3	Chloroform	99.0		5.0	1.6
74-87-3	Chloromethane	118		5.0	2.0
156-59-2	cis-1,2-Dichloroethene	109		5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	97.3		5.0	1.1
100-41-4	Ethylbenzene	98.1		5.0	1.5
75-09-2	Methylene Chloride	98.5		5.0	1.6
100-42-5	Styrene	94.9		5.0	2.1
127-18-4	Tetrachloroethene	926		5.0	1.2
108-88-3	Toluene	99.3		5.0	1.9
156-60-5	trans-1,2-Dichloroethene	98.8		5.0	1.2
10061-02-6	trans-1,3-Dichloropropene	91.8		5.0	2.4
79-01-6	Trichloroethene	120		5.0	1.6
75-01-4	Vinyl chloride	113		5.0	0.86
1330-20-7	Xylenes, Total	194		10	3.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: FSMW14B-120319 MSD Lab Sample ID: 460-198386-5 MSD
Matrix: Water Lab File ID: F89840.D
Analysis Method: 8260C Date Collected: 12/03/2019 12:45
Sample wt/vol: 5 (mL) Date Analyzed: 12/14/2019 14:30
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.: 662307 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)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89840.D
 Lims ID: 460-198386-A-5 MSD
 Client ID: FSMW14B-120319
 Sample Type: MSD
 Inject. Date: 14-Dec-2019 14:30:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-198386-A-5 MSD
 Misc. Info.: 460-0102782-014
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 12:15:05 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0310

First Level Reviewer: boykink

Date: 14-Dec-2019 18:00:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.599	1.599	0.000	64	22468	20.0	23.7	
2 Dichlorodifluoromethane	85	1.632	1.632	0.000	99	90711	20.0	25.0	
3 Chloromethane	50	1.812	1.812	0.000	100	98537	20.0	23.7	
5 Butadiene	54	1.895	1.886	0.009	97	78759	20.0	21.1	
4 Vinyl chloride	62	1.895	1.895	0.000	99	88478	20.0	22.6	
6 Bromomethane	94	2.182	2.174	0.008	98	51993	20.0	19.4	
7 Chloroethane	64	2.232	2.231	0.001	100	49681	20.0	20.2	
8 Dichlorofluoromethane	67	2.412	2.404	0.008	98	117564	20.0	18.0	
10 Pentane	72	2.421	2.420	0.000	97	19197	40.0	43.7	M
9 Trichlorofluoromethane	101	2.429	2.429	0.000	67	90712	20.0	19.4	
12 Ethyl ether	59	2.609	2.609	0.000	93	35523	20.0	19.8	
11 Ethanol	46	2.577	2.618	-0.041	72	9424	800.0	964.3	
13 2-Methyl-1,3-butadiene	53	2.634	2.634	0.000	99	41473	20.0	19.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.683	2.675	0.008	87	42975	NC	NC	
164 1,1,1-Trifluoro-2,2-dichlo	83	2.725	2.725	0.001	91	71161	20.0	22.0	a
15 Acrolein	56	2.782	2.782	0.000	94	14465	40.0	51.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	94	49774	20.0	20.8	
17 1,1-Dichloroethene	96	2.831	2.831	0.000	95	45426	20.0	20.2	
18 Acetone	43	2.897	2.897	0.000	85	88791	100.0	108.6	
19 Iodomethane	142	2.987	2.979	0.008	99	79057	20.0	18.8	
20 Isopropyl alcohol	45	2.996	2.979	0.017	34	21767	200.0	183.2	a
21 Carbon disulfide	76	3.029	3.029	0.000	100	169112	20.0	19.6	
22 3-Chloro-1-propene	41	3.127	3.119	0.008	93	88065	20.0	19.4	
24 Methyl acetate	43	3.135	3.127	0.008	100	73317	40.0	38.1	
23 Cyclopentene	67	3.144	3.144	0.000	94	109904	20.0	19.5	
25 Acetonitrile	41	3.193	3.193	0.000	95	77663	200.0	263.6	a
* 26 TBA-d9 (IS)	65	3.250	3.242	0.008	0	190088	1000.0	1000.0	
27 Methylene Chloride	84	3.259	3.259	0.000	98	51200	20.0	19.7	
28 2-Methyl-2-propanol	59	3.316	3.308	0.008	96	29817	200.0	152.4	a
29 Methyl tert-butyl ether	73	3.407	3.407	0.001	97	132061	20.0	19.9	
30 trans-1,2-Dichloroethene	96	3.431	3.431	0.000	99	43297	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.505	3.497	0.008	94	204351	200.0	220.4	
32 Hexane	43	3.579	3.579	0.000	94	45472	20.0	21.9	
33 Isopropyl ether	45	3.793	3.793	0.000	95	161382	20.0	21.4	
34 1,1-Dichloroethane	63	3.826	3.826	0.000	99	83987	20.0	20.3	
35 Vinyl acetate	86	3.834	3.834	0.000	100	16131	40.0	30.7	
36 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	95	38529	20.0	19.3	
37 Tert-butyl ethyl ether	59	4.105	4.105	0.000	88	144587	20.0	19.7	
* 38 2-Butanone-d5	46	4.302	4.294	0.008	0	249006	250.0	250.0	
39 2,2-Dichloropropane	97	4.319	4.319	0.000	75	16699	20.0	19.5	
40 cis-1,2-Dichloroethene	96	4.335	4.335	0.000	92	51818	20.0	21.7	
42 Ethyl acetate	70	4.351	4.343	0.008	93	8052	40.0	30.7	
41 2-Butanone (MEK)	72	4.351	4.351	0.000	95	25793	100.0	91.8	
43 Methyl acrylate	55	4.409	4.401	0.008	99	35471	20.0	18.3	
44 Propionitrile	54	4.483	4.483	0.000	98	76332	200.0	267.8	
46 Tetrahydrofuran	72	4.565	4.557	0.008	65	13139	40.0	39.8	
45 Chlorobromomethane	128	4.557	4.557	0.000	96	22447	20.0	18.8	
47 Methacrylonitrile	67	4.582	4.582	0.000	94	191842	200.0	196.8	
48 Chloroform	83	4.606	4.606	0.000	97	76119	20.0	19.8	
49 Cyclohexane	84	4.754	4.746	0.008	94	75515	20.0	20.6	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	71	62229	20.0	17.1	
\$ 51 Dibromofluoromethane (Surr	113	4.762	4.762	0.000	96	95542	50.0	49.9	
52 Carbon tetrachloride	117	4.877	4.877	0.000	96	43614	20.0	14.2	
53 1,1-Dichloropropene	75	4.902	4.902	0.000	94	56371	20.0	19.5	
54 Isobutyl alcohol	43	5.017	5.009	0.008	95	24445	500.0	286.7	
55 Benzene	78	5.099	5.099	0.000	97	174249	20.0	21.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.107	0.009	0	125325	50.0	49.5	
57 Isopropyl acetate	43	5.157	5.157	0.000	96	141280	20.0	19.5	
58 Tert-amyl methyl ether	73	5.165	5.165	0.000	91	137757	20.0	20.2	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	96	61590	20.0	19.6	
60 n-Heptane	57	5.255	5.247	0.008	93	35847	20.0	20.7	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	367088	50.0	50.0	
62 n-Butanol	56	5.674	5.674	0.000	89	15773	500.0	300.4	
63 Trichloroethene	95	5.740	5.732	0.008	97	50753	20.0	24.1	
65 Ethyl acrylate	55	5.863	5.863	0.000	95	115935	20.0	18.9	
64 Methylcyclohexane	83	5.872	5.863	0.009	89	81998	20.0	19.8	
66 1,2-Dichloropropane	63	6.028	6.019	0.009	86	42838	20.0	20.1	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	18997	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	93	19473	40.0	31.2	
69 1,4-Dioxane	88	6.143	6.135	0.008	42	10579	400.0	440.4	
71 Dibromomethane	93	6.151	6.151	0.000	96	24779	20.0	18.9	
70 n-Propyl acetate	43	6.159	6.151	0.008	98	60597	20.0	17.4	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	46404	20.0	16.7	
74 2-Chloroethyl vinyl ether	63	6.644	6.636	0.008	50	2885	20.0	2.14	
73 2-Nitropropane	41	6.636	6.644	-0.008	66	9258	40.0	13.1	
75 Epichlorohydrin	57	6.743	6.743	0.000	99	83771	400.0	383.8	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	95	61346	20.0	19.5	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.964	0.009	99	238786	100.0	100.2	
\$ 78 Toluene-d8 (Surr)	98	7.047	7.047	0.000	99	345082	50.0	51.3	
79 Toluene	91	7.129	7.121	0.008	93	165065	20.0	19.9	
80 trans-1,3-Dichloropropene	75	7.474	7.466	0.008	95	54293	20.0	18.4	
81 Ethyl methacrylate	69	7.507	7.507	0.000	93	46870	20.0	16.7	
82 1,1,2-Trichloroethane	83	7.688	7.679	0.009	93	34986	20.0	26.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.737	7.729	0.008	96	375882	20.0	185.2	
84 1,3-Dichloropropane	76	7.901	7.893	0.008	95	60351	20.0	20.9	
85 2-Hexanone	43	7.967	7.959	0.008	98	149533	100.0	93.9	
86 n-Butyl acetate	43	8.082	8.074	0.008	98	60396	20.0	17.0	
87 Chlorodibromomethane	129	8.123	8.123	0.000	97	26468	20.0	13.9	
88 Ethylene Dibromide	107	8.287	8.279	0.008	99	33830	20.0	19.1	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	88	255044	50.0	50.0	
90 Chlorobenzene	112	8.871	8.863	0.008	93	101616	20.0	19.1	
91 Ethylbenzene	106	8.978	8.978	0.000	99	56857	20.0	19.6	
92 1,1,1,2-Tetrachloroethane	131	8.994	8.986	0.008	89	32390	20.0	15.2	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	68612	20.0	19.1	
94 n-Butyl acrylate	73	9.561	9.561	0.000	96	26328	20.0	14.9	
95 o-Xylene	106	9.569	9.569	0.000	92	73636	20.0	19.7	
96 Styrene	104	9.602	9.602	0.000	94	116319	20.0	19.0	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	89	75304	20.0	15.3	
98 Bromoform	173	9.799	9.791	0.008	95	17390	20.0	12.4	
99 Isopropylbenzene	105	9.914	9.914	0.000	96	193879	20.0	19.7	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	91	109057	50.0	47.8	
101 Bromobenzene	156	10.210	10.210	0.000	96	46794	20.0	19.3	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	52057	20.0	20.5	
103 N-Propylbenzene	91	10.276	10.268	0.008	99	243851	20.0	19.9	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	98	15236	20.0	18.3	
105 trans-1,4-Dichloro-2-buten	53	10.301	10.300	0.001	70	14236	20.0	16.9	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	164729	20.0	19.6	
107 4-Ethyltoluene	105	10.366	10.366	0.000	99	205075	20.0	20.2	
108 1,3,5-Trimethylbenzene	105	10.424	10.416	0.008	92	172021	20.0	19.6	
109 4-Chlorotoluene	91	10.457	10.448	0.009	98	147922	20.0	19.6	
110 Butyl Methacrylate	87	10.498	10.498	0.000	96	49621	20.0	14.9	
111 tert-Butylbenzene	119	10.654	10.654	0.000	92	130397	20.0	18.4	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	180030	20.0	19.5	
113 sec-Butylbenzene	105	10.818	10.810	0.008	99	220488	20.0	19.4	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	188123	20.0	18.8	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	73	100856	20.0	20.1	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	159827	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.983	10.982	0.001	95	104050	20.0	20.2	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	191344	20.0	19.8	
118 Benzyl chloride	91	11.081	11.081	0.000	97	78445	20.0	12.6	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	186924	20.0	19.9	
120 p-Diethylbenzene	119	11.172	11.163	0.009	93	114075	20.0	20.0	
121 n-Butylbenzene	92	11.180	11.180	0.000	95	108646	20.0	20.1	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	94	103904	20.0	20.1	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	97	193423	20.0	18.9	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	9847	20.0	15.0	
125 1,3,5-Trichlorobenzene	180	11.804	11.796	0.008	97	83823	20.0	19.1	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	94	80520	20.0	20.1	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	94	32861	20.0	18.1	
128 Naphthalene	128	12.371	12.371	0.000	99	193199	20.0	21.5	
129 1,2,3-Trichlorobenzene	180	12.536	12.527	0.009	95	74448	20.0	20.9	
S 130 1,2-Dichloroethene, Total	100				0		40.0	41.5	
S 131 Xylenes, Total	100				0		40.0	38.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
524freon_00015	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102782.b\F89840.D

Injection Date: 14-Dec-2019 14:30:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-198386-A-5 MSD

Worklist Smp#: 14

Client ID: FSMW14B-120319

Purge Vol: 5.000 mL

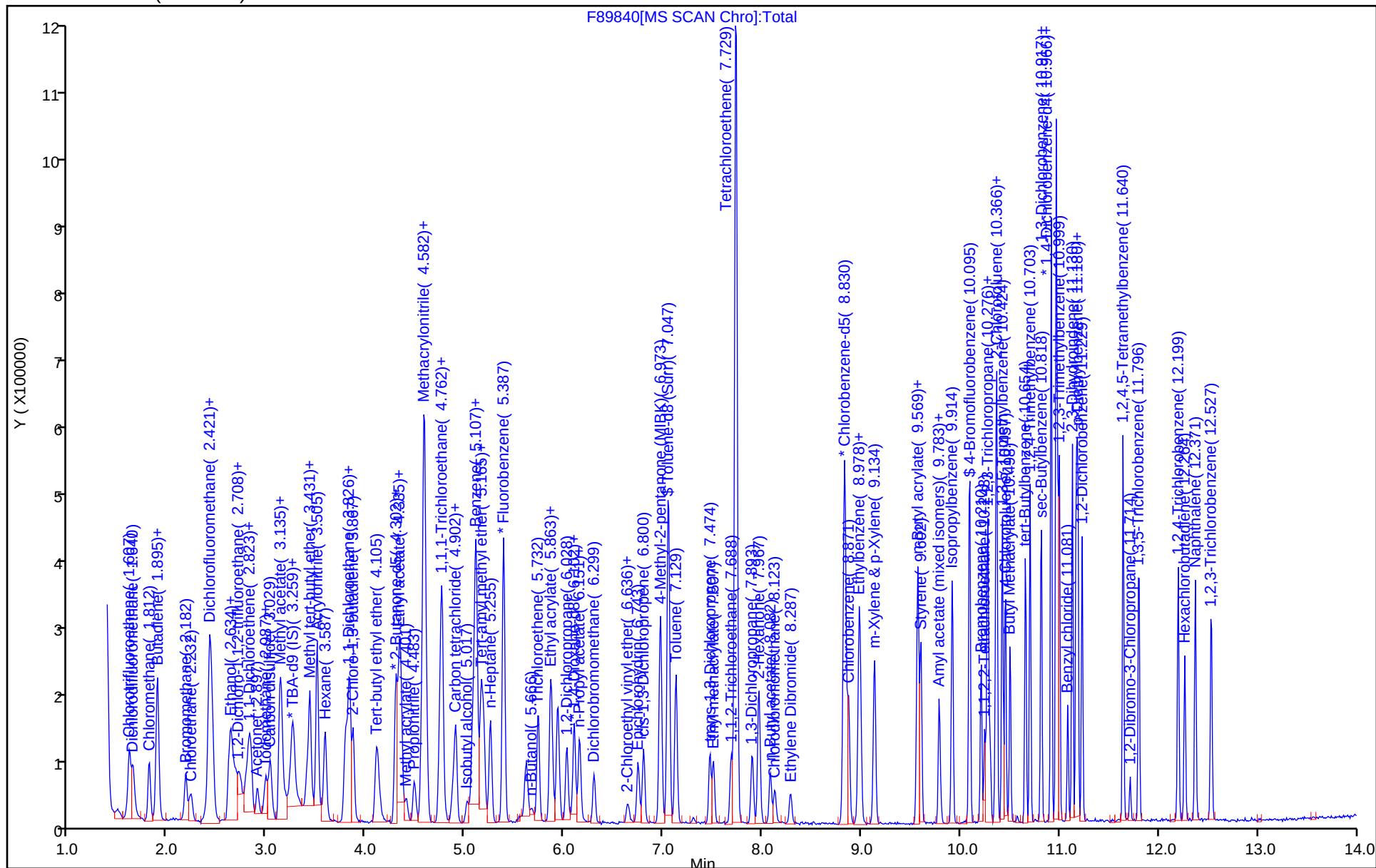
Dil. Factor: 5.0000

ALS Bottle#: 13

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 480-163635-A-1 MSD

Matrix: Water Lab File ID: F89884.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 12/15/2019 08:42

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.: 662428 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.6		1.0	0.43
75-34-3	1,1-Dichloroethane	58.7		1.0	0.26
75-35-4	1,1-Dichloroethene	101		1.0	0.26
107-06-2	1,2-Dichloroethane	24.9		1.0	0.43
78-87-5	1,2-Dichloropropane	22.6		1.0	0.35
78-93-3	2-Butanone (MEK)	92.4		5.0	1.9
591-78-6	2-Hexanone	92.8		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	1.3
67-64-1	Acetone	104		5.0	4.4
71-43-2	Benzene	24.3		1.0	0.20
75-27-4	Bromodichloromethane	17.7		1.0	0.34
75-25-2	Bromoform	10.1		1.0	0.54
74-83-9	Bromomethane	18.3		1.0	0.55
75-15-0	Carbon disulfide	21.1		1.0	0.82
56-23-5	Carbon tetrachloride	15.3		1.0	0.21
108-90-7	Chlorobenzene	20.0		1.0	0.38
74-97-5	Chlorobromomethane	20.0		1.0	0.41
75-00-3	Chloroethane	21.0		1.0	0.32
67-66-3	Chloroform	21.1		1.0	0.33
74-87-3	Chloromethane	24.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.22
100-41-4	Ethylbenzene	24.6		1.0	0.30
75-09-2	Methylene Chloride	21.1		1.0	0.32
100-42-5	Styrene	19.7		1.0	0.42
127-18-4	Tetrachloroethene	19.5		1.0	0.25
108-88-3	Toluene	21.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.6		1.0	0.49
79-01-6	Trichloroethene	20.4		1.0	0.31
75-01-4	Vinyl chloride	23.7		1.0	0.17
1330-20-7	Xylenes, Total	73.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 480-163635-A-1 MSD
Matrix: Water Lab File ID: F89884.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/15/2019 08:42
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.: 662428 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	95		77-124
1868-53-7	Dibromofluoromethane (Surr)	99		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89884.D
 Lims ID: 480-163635-A-1 MSD
 Client ID: PMW-1D
 Sample Type: MSD
 Inject. Date: 15-Dec-2019 08:42:30 ALS Bottle#: 30 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-163635-A-1 MSD
 Misc. Info.: 460-0102818-027
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 15-Dec-2019 16:28:18 Calib Date: 30-Nov-2019 00:43:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromna\Edison\ChromData\CVOAMS6\20191129-102046.b\F89091.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX0318

First Level Reviewer: delpolitov

Date: 15-Dec-2019 16:28:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.640	1.640	0.000	99	70644	20.0	20.4	
3 Chloromethane	50	1.821	1.812	0.009	99	97804	20.0	24.5	
5 Butadiene	54	1.903	1.895	0.008	96	75164	20.0	21.0	
4 Vinyl chloride	62	1.903	1.903	0.000	99	88898	20.0	23.7	
6 Bromomethane	94	2.190	2.182	0.008	98	47045	20.0	18.3	
7 Chloroethane	64	2.240	2.231	0.009	99	49570	20.0	21.0	
8 Dichlorofluoromethane	67	2.412	2.412	0.000	99	110360	20.0	17.7	
10 Pentane	72	2.437	2.429	0.008	96	19610	40.0	48.8	
9 Trichlorofluoromethane	101	2.437	2.437	0.000	69	84688	20.0	18.9	
12 Ethyl ether	59	2.618	2.618	0.000	91	37280	20.0	21.7	
11 Ethanol	46	2.618	2.618	0.000	73	7680	800.0	858.4	M
13 2-Methyl-1,3-butadiene	53	2.642	2.642	0.000	98	39545	20.0	19.0	
15 Acrolein	56	2.790	2.790	0.000	89	8529	40.0	33.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.807	2.807	0.000	95	45517	20.0	19.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.815	2.815	0.000	48	2044		NC	
17 1,1-Dichloroethene	96	2.839	2.831	0.008	96	218046	20.0	101.2	
18 Acetone	43	2.913	2.913	0.000	84	87278	100.0	103.8	
19 Iodomethane	142	2.987	2.987	0.000	99	78569	20.0	19.5	
20 Isopropyl alcohol	45	2.987	2.996	-0.009	37	31428	200.0	288.9	
21 Carbon disulfide	76	3.037	3.029	0.009	100	174368	20.0	21.1	
22 3-Chloro-1-propene	41	3.135	3.135	0.000	90	93171	20.0	21.5	
24 Methyl acetate	43	3.144	3.144	0.000	99	76267	40.0	41.4	
23 Cyclopentene	67	3.152	3.152	0.000	93	109952	20.0	20.3	
25 Acetonitrile	41	3.201	3.201	0.000	94	88512	200.0	328.1	a
27 Methylene Chloride	84	3.267	3.259	0.008	97	52526	20.0	21.1	
* 26 TBA-d9 (IS)	65	3.250	3.259	-0.009	0	174037	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.316	3.308	0.008	28	29391	200.0	164.1	a
29 Methyl tert-butyl ether	73	3.415	3.415	0.000	94	129906	20.0	20.5	
30 trans-1,2-Dichloroethene	96	3.439	3.439	0.000	99	44241	20.0	21.1	
31 Acrylonitrile	53	3.513	3.513	0.000	94	199446	200.0	224.6	
32 Hexane	43	3.595	3.587	0.008	94	50106	20.0	25.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.801	3.793	0.008	94	167290	20.0	23.1	
34 1,1-Dichloroethane	63	3.834	3.826	0.008	100	232249	20.0	58.7	
35 Vinyl acetate	86	3.842	3.842	0.000	100	15921	40.0	31.6	
36 2-Chloro-1,3-butadiene	88	3.875	3.875	0.000	94	39296	20.0	20.6	
37 Tert-butyl ethyl ether	59	4.113	4.105	0.008	90	136896	20.0	19.4	
* 38 2-Butanone-d5	46	4.302	4.302	0.000	0	256219	250.0	250.0	
39 2,2-Dichloropropane	97	4.335	4.335	0.000	78	14851	20.0	18.1	
40 cis-1,2-Dichloroethene	96	4.343	4.335	0.008	93	51139	20.0	22.4	
42 Ethyl acetate	70	4.360	4.351	0.009	95	9154	40.0	33.9	
41 2-Butanone (MEK)	72	4.360	4.360	0.000	95	26707	100.0	92.4	
43 Methyl acrylate	55	4.409	4.409	0.000	99	35290	20.0	19.1	
44 Propionitrile	54	4.491	4.491	0.000	98	79329	200.0	304.0	
45 Chlorobromomethane	128	4.565	4.565	0.000	98	22818	20.0	20.0	
46 Tetrahydrofuran	72	4.565	4.573	-0.008	56	13465	40.0	39.6	
47 Methacrylonitrile	67	4.590	4.590	0.000	95	190866	200.0	204.4	
48 Chloroform	83	4.614	4.614	0.000	97	77769	20.0	21.1	
49 Cyclohexane	84	4.754	4.754	0.000	94	75841	20.0	21.6	
50 1,1,1-Trichloroethane	97	4.762	4.762	0.000	74	63495	20.0	18.2	
\$ 51 Dibromofluoromethane (Surr	113	4.770	4.770	0.000	96	91035	50.0	49.6	
52 Carbon tetrachloride	117	4.877	4.877	0.000	95	45128	20.0	15.3	
53 1,1-Dichloropropene	75	4.910	4.910	0.000	92	61033	20.0	22.0	
54 Isobutyl alcohol	43	5.017	5.017	0.000	95	23521	500.0	301.3	
55 Benzene	78	5.107	5.107	0.000	97	184676	20.0	24.3	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.116	5.116	0.000	0	125909	50.0	52.0	
57 Isopropyl acetate	43	5.165	5.157	0.008	94	142867	20.0	20.6	
58 Tert-amyl methyl ether	73	5.173	5.165	0.008	94	130785	20.0	20.1	
59 1,2-Dichloroethane	62	5.190	5.190	0.000	96	75282	20.0	24.9	
60 n-Heptane	57	5.263	5.255	0.008	94	33219	20.0	20.0	
* 61 Fluorobenzene	96	5.387	5.387	0.000	98	351645	50.0	50.0	
62 n-Butanol	56	5.674	5.683	-0.009	97	15044	500.0	312.9	
63 Trichloroethene	95	5.740	5.740	0.000	97	41255	20.0	20.4	
65 Ethyl acrylate	55	5.863	5.863	0.000	95	105477	20.0	17.9	
64 Methylcyclohexane	83	5.872	5.872	0.000	89	79140	20.0	19.9	
66 1,2-Dichloropropane	63	6.028	6.028	0.000	86	46075	20.0	22.6	
* 67 1,4-Dioxane-d8	96	6.085	6.077	0.008	0	17469	1000.0	1000.0	
68 Methyl methacrylate	100	6.102	6.102	0.000	94	17650	40.0	29.5	
69 1,4-Dioxane	88	6.134	6.134	0.000	44	12384	400.0	560.7	
71 Dibromomethane	93	6.151	6.151	0.000	63	26069	20.0	20.7	
70 n-Propyl acetate	43	6.151	6.151	0.000	98	56041	20.0	16.8	
72 Dichlorobromomethane	83	6.299	6.299	0.000	98	47020	20.0	17.7	
73 2-Nitropropane	41	6.644	6.636	0.008	68	10695	40.0	15.8	
75 Epichlorohydrin	57	6.743	6.743	0.000	99	67928	400.0	301.5	
76 cis-1,3-Dichloropropene	75	6.800	6.800	0.000	98	58277	20.0	19.3	
77 4-Methyl-2-pentanone (MIBK	43	6.973	6.973	0.000	99	252647	100.0	103.0	
\$ 78 Toluene-d8 (Surr)	98	7.055	7.047	0.008	98	332123	50.0	51.6	
79 Toluene	91	7.129	7.129	0.000	92	172229	20.0	21.6	
80 trans-1,3-Dichloropropene	75	7.474	7.466	0.008	97	49881	20.0	17.6	
81 Ethyl methacrylate	69	7.507	7.507	0.000	94	42556	20.0	15.9	
82 1,1,2-Trichloroethane	83	7.679	7.687	-0.008	94	28861	20.0	22.6	
83 Tetrachloroethene	166	7.737	7.737	0.000	96	37835	20.0	19.5	
84 1,3-Dichloropropane	76	7.893	7.893	0.000	97	59288	20.0	21.5	
85 2-Hexanone	43	7.967	7.959	0.008	99	151929	100.0	92.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 n-Butyl acetate	43	8.082	8.082	0.000	98	57301	20.0	16.9	
87 Chlorodibromomethane	129	8.123	8.123	0.000	97	23008	20.0	12.6	
88 Ethylene Dibromide	107	8.287	8.279	0.008	97	31873	20.0	18.9	
* 89 Chlorobenzene-d5	117	8.830	8.830	0.000	89	244028	50.0	50.0	
90 Chlorobenzene	112	8.871	8.871	0.000	93	101851	20.0	20.0	
91 Ethylbenzene	106	8.978	8.978	0.000	99	68312	20.0	24.6	
92 1,1,1,2-Tetrachloroethane	131	8.986	8.986	0.000	88	33565	20.0	16.5	
93 m-Xylene & p-Xylene	106	9.134	9.134	0.000	0	159456	20.0	46.5	
94 n-Butyl acrylate	73	9.561	9.561	0.000	98	23391	20.0	13.9	
95 o-Xylene	106	9.569	9.569	0.000	92	95840	20.0	26.7	
96 Styrene	104	9.602	9.602	0.000	93	115435	20.0	19.7	
97 Amyl acetate (mixed isomer	43	9.783	9.783	0.000	90	74584	20.0	15.9	
98 Bromoform	173	9.799	9.799	0.000	95	13604	20.0	10.1	
99 Isopropylbenzene	105	9.914	9.914	0.000	97	196698	20.0	20.9	
\$ 100 4-Bromofluorobenzene	174	10.095	10.087	0.008	90	103388	50.0	47.4	
101 Bromobenzene	156	10.210	10.210	0.000	97	45761	20.0	19.8	
102 1,1,2,2-Tetrachloroethane	83	10.243	10.243	0.000	98	52770	20.0	21.8	
103 N-Propylbenzene	91	10.268	10.268	0.000	98	245685	20.0	21.0	
104 1,2,3-Trichloropropane	110	10.284	10.284	0.000	96	15343	20.0	19.4	
105 trans-1,4-Dichloro-2-buten	53	10.300	10.300	0.000	67	14716	20.0	18.3	
106 2-Chlorotoluene	91	10.358	10.358	0.000	97	165897	20.0	20.7	
107 4-Ethyltoluene	105	10.366	10.366	0.000	99	202054	20.0	20.9	
108 1,3,5-Trimethylbenzene	105	10.424	10.424	0.000	92	170758	20.0	20.4	
109 4-Chlorotoluene	91	10.448	10.448	0.000	98	145480	20.0	20.2	
110 Butyl Methacrylate	87	10.498	10.498	0.000	96	45063	20.0	14.2	
111 tert-Butylbenzene	119	10.654	10.654	0.000	93	129926	20.0	19.3	
112 1,2,4-Trimethylbenzene	105	10.703	10.703	0.000	98	178530	20.0	20.3	
113 sec-Butylbenzene	105	10.818	10.810	0.008	98	218707	20.0	20.2	
114 4-Isopropyltoluene	119	10.917	10.917	0.000	97	187408	20.0	19.6	
115 1,3-Dichlorobenzene	146	10.917	10.917	0.000	72	96755	20.0	20.2	
* 116 1,4-Dichlorobenzene-d4	152	10.966	10.966	0.000	97	152489	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.982	10.982	0.000	94	101502	20.0	20.6	
132 1,2,3-Trimethylbenzene	105	10.999	10.999	0.000	99	189349	20.0	20.6	
118 Benzyl chloride	91	11.081	11.081	0.000	98	65625	20.0	11.0	
119 2,3-Dihydroindene	117	11.130	11.130	0.000	94	181454	20.0	20.3	
120 p-Diethylbenzene	119	11.163	11.163	0.000	94	112386	20.0	20.7	
121 n-Butylbenzene	92	11.180	11.180	0.000	96	108941	20.0	21.1	
122 1,2-Dichlorobenzene	146	11.229	11.229	0.000	94	100862	20.0	20.4	
123 1,2,4,5-Tetramethylbenzene	119	11.640	11.640	0.000	97	184392	20.0	18.9	
124 1,2-Dibromo-3-Chloropropan	157	11.714	11.714	0.000	89	9417	20.0	15.1	
125 1,3,5-Trichlorobenzene	180	11.804	11.796	0.008	96	82918	20.0	19.8	
126 1,2,4-Trichlorobenzene	180	12.199	12.199	0.000	94	76118	20.0	19.9	
127 Hexachlorobutadiene	225	12.264	12.264	0.000	93	30041	20.0	17.3	
128 Naphthalene	128	12.371	12.371	0.000	99	186208	20.0	21.7	
129 1,2,3-Trichlorobenzene	180	12.527	12.527	0.000	95	70288	20.0	20.7	
S 130 1,2-Dichloroethene, Total	100				0		40.0	43.5	
S 131 Xylenes, Total	100				0		40.0	73.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00345	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00109	Amount Added: 20.00	Units: uL	
ACROLEIN W_00100	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00031	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromna\Edison\ChromData\CVOAMS6\20191214-102818.b\F89884.D

Injection Date: 15-Dec-2019 08:42:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 480-163635-A-1 MSD

Worklist Smp#: 27

Client ID: PMW-1D

Purge Vol: 5.000 mL

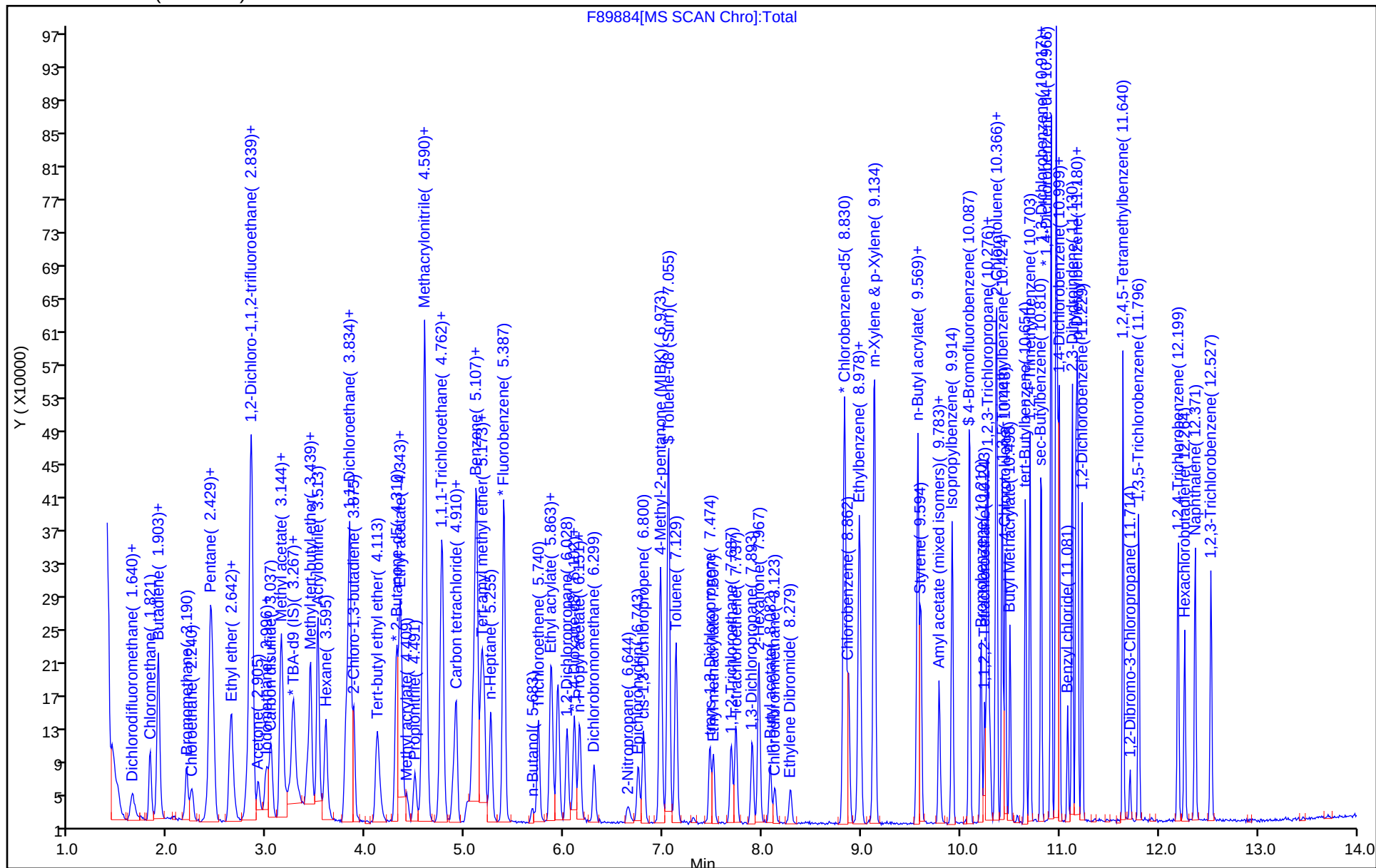
Dil. Factor: 1.0000

ALS Bottle#: 30

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 11/29/2019 21:13Analysis Batch Number: 659134 End Date: 11/30/2019 00:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-659134/1		11/29/2019 21:13	1	F89083.D	Rtx-624 0.25 (mm)
STD7 460-659134/3 IC		11/29/2019 22:20	1	F89085.D	Rtx-624 0.25 (mm)
STD1 460-659134/4 IC		11/29/2019 22:43	1	F89086.D	Rtx-624 0.25 (mm)
STD5 460-659134/5 IC		11/29/2019 23:07	1	F89087.D	Rtx-624 0.25 (mm)
STD20 460-659134/6 ICIS		11/29/2019 23:31	1	F89088.D	Rtx-624 0.25 (mm)
STD50 460-659134/7 IC		11/29/2019 23:55	1	F89089.D	Rtx-624 0.25 (mm)
STD200 460-659134/8 IC		11/30/2019 00:19	1	F89090.D	Rtx-624 0.25 (mm)
STD500 460-659134/9 IC		11/30/2019 00:43	1	F89091.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 12/13/2019 19:17Analysis Batch Number: 662202 End Date: 12/14/2019 01:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-662202/1		12/13/2019 19:17	1	F89799.D	Rtx-624 0.25 (mm)
CCVIS 460-662202/3		12/13/2019 20:31	1	F89801.D	Rtx-624 0.25 (mm)
LCS 460-662202/4		12/13/2019 20:55	1	F89802.D	Rtx-624 0.25 (mm)
LCSD 460-662202/5		12/13/2019 21:19	1	F89803.D	Rtx-624 0.25 (mm)
MB 460-662202/9		12/13/2019 22:56	1	F89807.D	Rtx-624 0.25 (mm)
460-198386-2		12/14/2019 01:01	1	F89811.D	Rtx-624 0.25 (mm)
460-198386-3		12/14/2019 01:25	1	F89812 .D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-198386-1

SDG No.: _____

Instrument ID: CVOAMS6Start Date: 12/14/2019 09:06Analysis Batch Number: 662307End Date: 12/14/2019 20:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-662307/1		12/14/2019 09:06	1	F89827.D	Rtx-624 0.25 (mm)
CCVIS 460-662307/3		12/14/2019 10:03	1	F89829.D	Rtx-624 0.25 (mm)
LCS 460-662307/4		12/14/2019 10:27	1	F89830.D	Rtx-624 0.25 (mm)
ZZZZZ		12/14/2019 10:52	1		Rtx-624 0.25 (mm)
MB 460-662307/9		12/14/2019 12:28	1	F89835.D	Rtx-624 0.25 (mm)
460-198386-5 MS		12/14/2019 14:06	5	F89839.D	Rtx-624 0.25 (mm)
460-198386-5 MSD		12/14/2019 14:30	5	F89840.D	Rtx-624 0.25 (mm)
ZZZZZ		12/14/2019 15:43	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2019 16:07	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2019 16:31	1		Rtx-624 0.25 (mm)
460-198386-1		12/14/2019 16:55	1	F89846.D	Rtx-624 0.25 (mm)
460-198386-4		12/14/2019 17:19	1	F89847.D	Rtx-624 0.25 (mm)
460-198386-6		12/14/2019 17:44	1	F89848.D	Rtx-624 0.25 (mm)
460-198386-7		12/14/2019 18:08	1	F89849.D	Rtx-624 0.25 (mm)
460-198386-8		12/14/2019 18:32	1	F89850.D	Rtx-624 0.25 (mm)
460-198386-9		12/14/2019 18:57	1	F89851.D	Rtx-624 0.25 (mm)
460-198386-11		12/14/2019 19:21	1	F89852.D	Rtx-624 0.25 (mm)
460-198386-13		12/14/2019 19:45	1	F89853.D	Rtx-624 0.25 (mm)
460-198386-12		12/14/2019 20:10	2	F89854.D	Rtx-624 0.25 (mm)
460-198386-5		12/14/2019 20:58	5	F89856.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-198386-1

SDG No.: _____

Instrument ID: CVOAMS6Start Date: 12/14/2019 22:14Analysis Batch Number: 662428End Date: 12/15/2019 09:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-662428/1		12/14/2019 22:14	1	F89858.D	Rtx-624 0.25 (mm)
CCVIS 460-662428/3		12/14/2019 23:03	1	F89860.D	Rtx-624 0.25 (mm)
LCS 460-662428/4		12/14/2019 23:27	1	F89861.D	Rtx-624 0.25 (mm)
MB 460-662428/8		12/15/2019 01:03	1	F89865.D	Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 01:27	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 01:50	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 02:15	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 02:39	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 03:03	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 03:52	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 04:16	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 04:40	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 05:28	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 05:53	1		Rtx-624 0.25 (mm)
460-198386-10		12/15/2019 06:17	1	F89878.D	Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 07:05	2		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 07:30	2		Rtx-624 0.25 (mm)
480-163635-B-1 MS		12/15/2019 08:18	1	F89883.D	Rtx-624 0.25 (mm)
480-163635-A-1 MSD		12/15/2019 08:42	1	F89884.D	Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 09:07	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2019 09:31	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Batch Number: 662202 Batch Start Date: 12/13/19 19:17 Batch Analyst: Starzec, MargaretBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00015	8260MIX1COMB 00109	ACROLEIN W 00100	BFB 00024
BFB 460-662202/1		8260C		5 mL	5 mL				1 uL
CCVIS 460-662202/3		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCS 460-662202/4		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCSD 460-662202/5		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
MB 460-662202/9		8260C		5 mL	5 mL				
460-198386-B-2	FB01-120319	8260C	T	5 mL	5 mL				
460-198386-B-3	TB01-120219	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00345	VOA6IS/SURR 00031				
BFB 460-662202/1		8260C							
CCVIS 460-662202/3		8260C		20 uL	5 uL				
LCS 460-662202/4		8260C		20 uL	5 uL				
LCSD 460-662202/5		8260C		20 uL	5 uL				
MB 460-662202/9		8260C			5 uL				
460-198386-B-2	FB01-120319	8260C	T		5 uL				
460-198386-B-3	TB01-120219	8260C	T		5 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: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Batch Number: 662307 Batch Start Date: 12/14/19 09:06 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00015	8260MIX1COMB 00109	ACROLEIN W 00100	BFB 00024
BFB 460-662307/1		8260C		5 mL	5 mL				1 uL
CCVIS 460-662307/3		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCS 460-662307/4		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
MB 460-662307/9		8260C		5 mL	5 mL				
460-198386-A-5 MS	FSMW14B-120319	8260C	T	5 mL	5 mL	20 uL	20 uL	4 uL	
460-198386-A-5 MSD	FSMW14B-120319	8260C	T	5 mL	5 mL	20 uL	20 uL	4 uL	
460-198386-B-1	EB01-120319	8260C	T	5 mL	5 mL				
460-198386-B-4	FSMW14A-120319	8260C	T	5 mL	5 mL				
460-198386-B-6	FSMW13A-120319	8260C	T	5 mL	5 mL				
460-198386-B-7	FSMW8A-120419	8260C	T	5 mL	5 mL				
460-198386-B-8	FSMW4A-120419	8260C	T	5 mL	5 mL				
460-198386-B-9	FSMW4B-120419	8260C	T	5 mL	5 mL				
460-198386-B-11	FSMW1A-120419	8260C	T	5 mL	5 mL				
460-198386-B-13	FSMW2B-120519	8260C	T	5 mL	5 mL				
460-198386-B-12	FSMW2A-120519	8260C	T	5 mL	5 mL				
460-198386-B-5	FSMW14B-120319	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00345	VOA6IS/SURR 00031				
BFB 460-662307/1		8260C							
CCVIS 460-662307/3		8260C		20 uL	5 uL				
LCS 460-662307/4		8260C		20 uL	5 uL				
MB 460-662307/9		8260C			5 uL				
460-198386-A-5 MS	FSMW14B-120319	8260C	T	20 uL	5 uL				
460-198386-A-5 MSD	FSMW14B-120319	8260C	T	20 uL	5 uL				
460-198386-B-1	EB01-120319	8260C	T		5 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

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Batch Number: 662307 Batch Start Date: 12/14/19 09:06 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00345	VOA6IS/SURR 00031				
460-198386-B-4	FSMW14A-120319	8260C	T		5 uL				
460-198386-B-6	FSMW13A-120319	8260C	T		5 uL				
460-198386-B-7	FSMW8A-120419	8260C	T		5 uL				
460-198386-B-8	FSMW4A-120419	8260C	T		5 uL				
460-198386-B-9	FSMW4B-120419	8260C	T		5 uL				
460-198386-B-11	FSMW1A-120419	8260C	T		5 uL				
460-198386-B-13	FSMW2B-120519	8260C	T		5 uL				
460-198386-B-12	FSMW2A-120519	8260C	T		5 uL				
460-198386-B-5	FSMW14B-120319	8260C	T		5 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: Eurofins TestAmerica, Edison Job No.: 460-198386-1

SDG No.: _____

Batch Number: 662428 Batch Start Date: 12/14/19 22:14 Batch Analyst: Boykin, KennethBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260MIX1COMB 00109	ACROLEIN W 00100	BFB 00024	GASES Li 00345
BFB 460-662428/1		8260C		5 mL	5 mL			1 uL	
CCVIS 460-662428/3		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCS 460-662428/4		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
MB 460-662428/8		8260C		5 mL	5 mL				
460-198386-A-10	DUP01-120319	8260C	T	5 mL	5 mL				
480-163635-B-1 MS	PMW-1D	8260C	T	5 mL	5 mL	20 uL	4 uL		20 uL
480-163635-A-1 MSD	PMW-1D	8260C	T	5 mL	5 mL	20 uL	4 uL		20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00031					
BFB 460-662428/1		8260C							
CCVIS 460-662428/3		8260C		5 uL					
LCS 460-662428/4		8260C		5 uL					
MB 460-662428/8		8260C		5 uL					
460-198386-A-10	DUP01-120319	8260C	T	5 uL					
480-163635-B-1 MS	PMW-1D	8260C	T	5 uL					
480-163635-A-1 MSD	PMW-1D	8260C	T	5 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.

Shipping and Receiving Documents



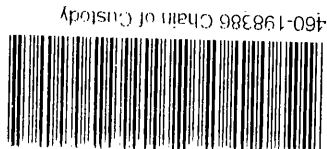
Environment
TestAmerica

Testing

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 2

Name (for report and invoice) Alex Stark		City Westfield		State CT		Zip 06097		County Hartford		Site/Project Identification Sanders/Frost St 08988232286	
Company En Safe		Address 1233 1/2 Deane Hwy		City Westfield		State CT		Zip 06097		County Hartford	
Phone (860) 555-1140		Email astark@ensafe.com		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 3 Day ☐ 2 Day ☐ Other ☐		Analysis Requested (Enter % below to indicate request)		Regulatory Program: Other: ☒ NY: ☐ NJ: ☐		LAB USE ONLY Project No: 198286	
Sample Identification		Date		Time		Matrix		No. of Cont.		Sample Numbers	
EB01 - 120319		12/3/19		1125		WQ		2		1	
FB01 - 120319		12/3/19		1258		WQ		2		2	
TB01 - 120219		12/2/19		-		WQ		2		3	
FSMW14A - 120319		12/3/19		1110		WQ		3		4	
FSMW14B - 120319		12/3/19		1245		WQ		3		5	
FSMW13A - 120319		12/3/19		1430		WQ		3		6	
FSMW8A - 120419		12/4/19		0850		WQ		3		7	
FSMW4A - 120419		12/4/19		1030		WQ		3		8	
FSMW4B - 120419		12/4/19		1200		WQ		3		9	
DUP01 - 120319		12/3/19		-		WQ		3		10	
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other _____, 7 = Other _____											
Soil: _____ Water: 2											



460-198386 Chain of Custody

Water Metals Field Filtered (Yes/No)?

Special Instructions

Relinquished by Michael Zani	Company En Safe	Date / Time 12/5/19 10:40	Received by [Signature]	Company [Signature]
Relinquished by [Signature]	Company [Signature]	Date / Time 12/5/19 10:40	Received by [Signature]	Company [Signature]
Relinquished by [Signature]	Company [Signature]	Date / Time 12/6/19 11:10	Received by [Signature]	Company [Signature]
Relinquished by [Signature]	Company [Signature]	Date / Time 12/6/19 11:10	Received by [Signature]	Company [Signature]

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578) 3.0 (2.3 t/nat)

TAL - 0016 (0715)

[illegible]

Special Instructions			Water Metals Field Filtered (Yes/No)?		
Relinquished by <i>Carol Zand</i>	Company Ensafe	Date / Time 12/5/19 / 1650	Received by <i>[Signature]</i>	Company Ensafe	
Relinquished by <i>[Signature]</i>	Company Ensafe	Date / Time 12/5/19 / 1650	Received by <i>[Signature]</i>	Company Ensafe	
Relinquished by <i>[Signature]</i>	Company Ensafe	Date / Time 12/5/19 / 1650	Received by <i>[Signature]</i>	Company Ensafe	
Relinquished by <i>[Signature]</i>	Company Ensafe	Date / Time 12/5/19 / 1650	Received by <i>[Signature]</i>	Company Ensafe	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0715)

198386

IR Gun #

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

2. The second step is to analyze the problem. This involves breaking the problem down into smaller parts and understanding the causes.

3. The third step is to develop a plan. This involves deciding on the best way to solve the problem and setting goals.

4. The fourth step is to implement the plan. This involves putting the plan into action and making changes as needed.

5. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the goals have been met.

6. The sixth step is to reflect on the process. This involves thinking about what worked well and what could be improved.

7. The seventh step is to share the results. This involves telling others about what you have learned and how you solved the problem.

8. The eighth step is to continue to learn. This involves staying up-to-date on new information and techniques.

9. The ninth step is to apply the knowledge. This involves using what you have learned to solve other problems.

10. The tenth step is to become a problem solver. This involves developing the skills and mindset to solve any problem that comes your way.

Cooler Temperatures

RAW		CORRECTED	
Cooler #1:	3.0	3.3	°C
Cooler #2:	°C	°C	°C
Cooler #3:	°C	°C	°C
RAW		CORRECTED	
Cooler #4:	°C	°C	°C
Cooler #5:	°C	°C	°C
Cooler #6:	°C	°C	°C
RAW		CORRECTED	
Cooler #7:	°C	°C	°C
Cooler #8:	°C	°C	°C
Cooler #9:	°C	°C	°C

[illegible]

If pH adjustments are required record the information below:

Volume of Preservative used (ml):

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.

Initials:

Date: 12/5/11

Login Sample Receipt Checklist

Client: EnSafe, Inc.

Job Number: 460-198386-1

Login Number: 198386

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Jara, Kelly D

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.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	