

2022 COMPREHENSIVE GROUNDWATER MONITORING REPORT

FROST STREET SITES
WESTBURY, NEW YORK

NYSDEC Site ID #s 1-30043 I, L, M

Revision: 0

EnSafe Project Number:
0888823286

Prepared for:

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December 2022

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EXECUTIVE SUMMARY

This report presents the findings for the first and third quarter 2022 groundwater sampling events performed at the Frost Street Sites. 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. The Frost Street Sites are listed by the New York State Department of Environmental Conservation 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 and trichloroethene and their associated breakdown products.

Summary of Current Data

Overall, groundwater data demonstrates that the air sparge/soil vapor extraction system is successfully removing contamination (VOCs) from the subsurface, containing contaminant mass, and preventing contaminant migration; thereby reducing VOC concentrations in groundwater within, and downgradient of, its zone of influence. Currently, approximately 75% of source area wells and 100% of onsite downgradient wells exhibit concentrations proximate to or below, remedial goals. Groundwater concentrations have remained generally stable in recent years.

Groundwater data also demonstrates that the groundwater extraction system is effectively removing residual VOCs in groundwater that have migrated from the source area, thereby reducing groundwater VOC concentrations in downgradient monitoring wells. While PCE and/or TCE concentrations are above remedial goals, groundwater concentrations downgradient of Old Country Road have decreased by up to 99%.

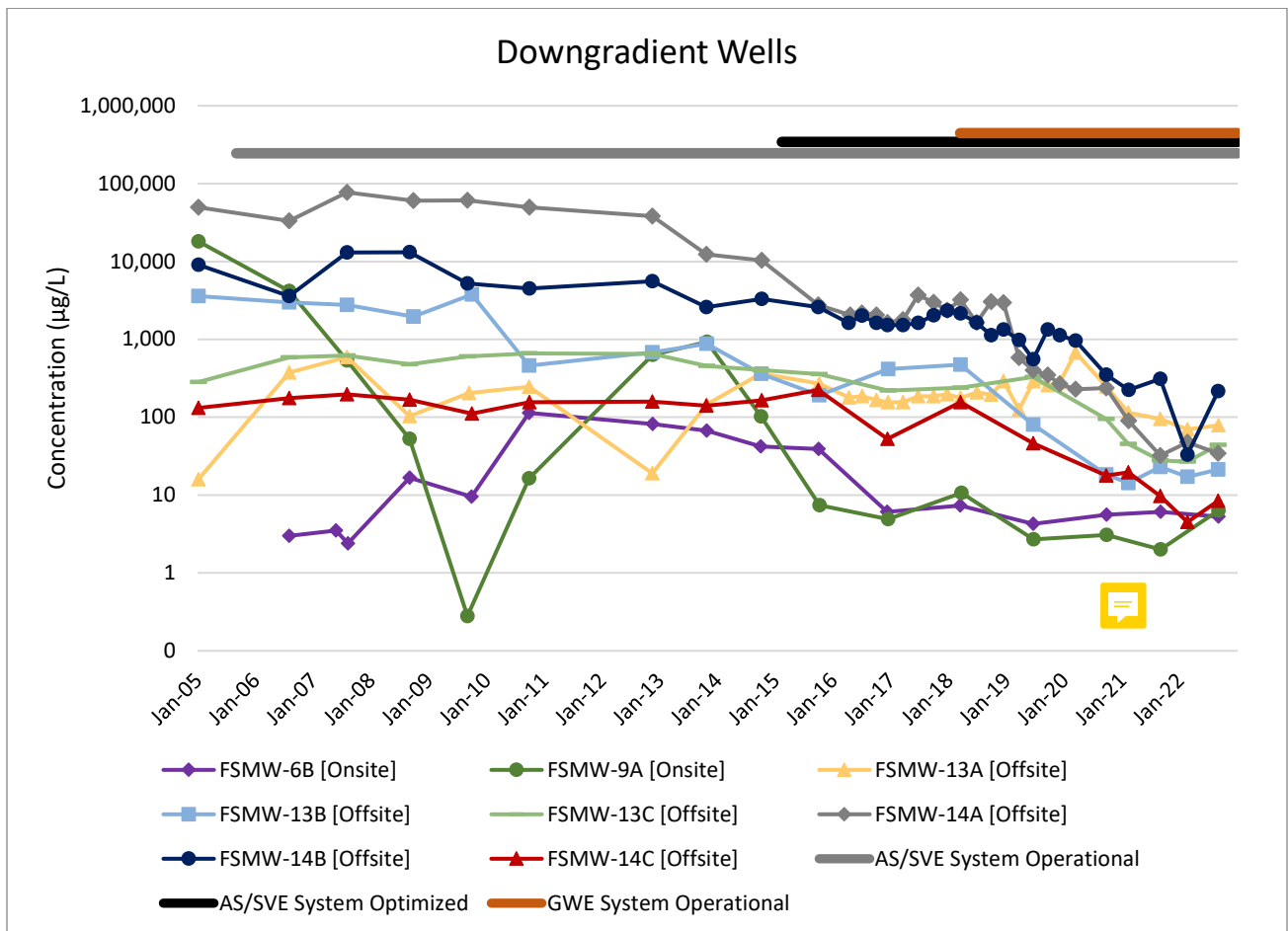
Recommended Changes to Groundwater Monitoring Program

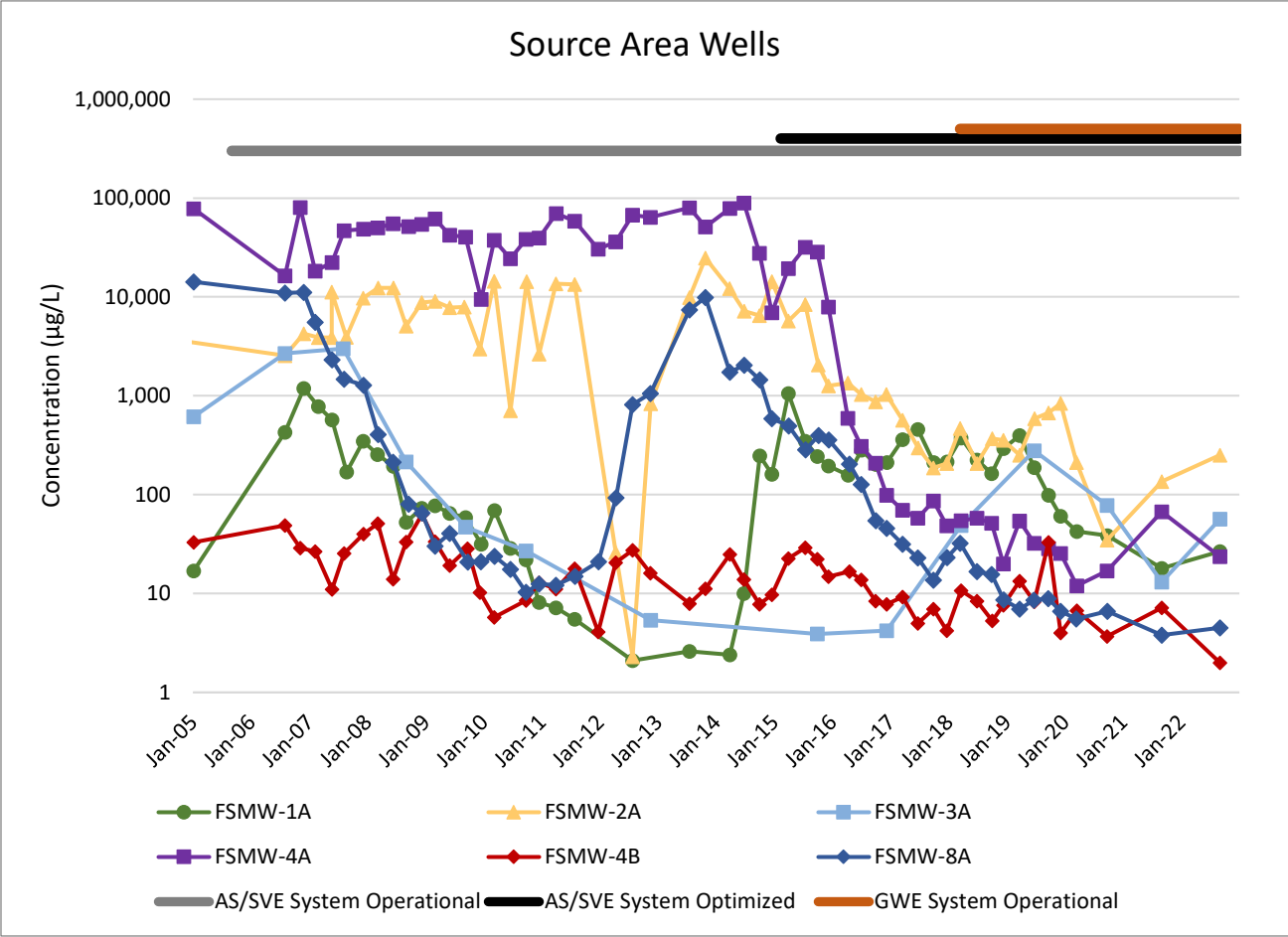
Based on the groundwater data and trends, described above and in this report, it is recommended that the following changes to the groundwater monitoring program be made:

- **Eliminate sampling at FSMW-6B and FSMW-9A** – VOC concentrations of samples collected from these two wells have been below remedial goals for the last 4 years and no longer provide meaningful data on system performance. Therefore, it is recommended that they are removed from the monitoring program.
- **Decrease sampling frequency** – More significantly, sample data over the last decade, and especially since air sparge/soil vapor extraction system optimization (2014) and groundwater extraction system installation (2018), have shown that VOC concentrations are stable throughout the Site and have decreased downgradient and offsite, a consequence of a stable soil desorption equilibrium and effective groundwater capture. Therefore, frequent

monitoring at present has less value than when the system was initially constructed, and groundwater concentrations were more variable. Site resources can be better optimized if the monitoring frequency is modified to reflect this stable condition.

To that end, it is recommended that the first quarter 7-well sampling event be discontinued completely and that the annual sampling event (currently performed in the third quarter of each year) be modified to a fifth-quarter rotating event. Because results do not show significant contamination or changing trends, fifth-quarter sampling at this Site is consistent with DER-10 and will provide approximately annual sampling with the benefit of evaluating possible seasonal variations. The next large sampling event will then be performed in fourth quarter 2023.





ACRONYMS

µg/L	micrograms per liter
AS	air sparge
bgs	below ground surface
cis-1,2-DCE	cis-1,2-dichloroethene
DER-10	Final DER-10 Technical Guidance for Site Investigation and Remediation
gpm	gallons per minute
ND	non-detect
NYSDEC	New York State Department of Environmental Conservation
PCE	tetrachloroethene
Q	quarter
RG	remedial goal
SVE	soil vapor extraction
TCE	trichloroethene
VOC	volatile organic compound

1.0 INTRODUCTION AND BACKGROUND

This report presents the findings for the first (Q1) and third quarter (Q3) 2022 groundwater sampling events performed at the Frost Street Sites. 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.

1.1 Purpose

Since 2005, long-term groundwater monitoring has been performed at the Frost Street Sites to evaluate the performance of the remedial systems, which are described below. Active and idle monitoring wells are shown on Figure 3.

Remedial goals (RGs) for groundwater at the Frost Street Sites are New York State Class GA Ambient Water Quality Standards and New York State Department of Health Drinking Water Standards. RGs for both PCE and TCE, the predominant Frost Street Sites-related contaminants, are 5 micrograms per liter (µg/L).

This Monitoring Report is compliant with NYSDEC *Final DER-10 Technical Guidance for Site Investigation and Remediation* (NYSDEC, May 2010) (DER-10).

1.2 Remedial Systems

The Frost Street Sites remedial systems include an air sparge (AS)/soil vapor extraction (SVE) system and a groundwater extraction system, shown on Figure 4.

- AS/SVE System (Operable Unit 1)
 - Currently in operation
 - Eight SVE wells, 19 AS wells
 - Part of the selected remedy for soil and groundwater
 - Began operation in 2005 after source removal activities
 - Optimized in 2014/2015
 - SVE-6, AS-12, AS-13, and AS-16 taken offline due to minimal mass removal
 - SVE-6B, AS-10B, AS-12B, AS-13B, and AS-16B added to treat a suspected hot spot that was identified in field investigations performed 2009 to 2011

- New compressor installed February 2021
- Groundwater Extraction System (Operable Unit 2)
 - Currently in operation
 - Four extraction wells
 - EX-1A Screened 50 to 100 feet below ground surface (bgs)
Operating at approximately 30 gallons per minute (gpm)
 - EX-1B Screened 100 to 150 feet bgs
Operating at approximately 30 gpm
 - EX-1C Screened 150 to 200 feet bgs
Operating at approximately 48 gpm
 - EX-1D Screened 200 to 240 feet bgs
Operating at approximately 48 gpm
 - Began operation in March 2018, after the Q1 2018 sampling event
 - Pumping test performed in 2018 determined that operating rates above are higher than necessary to achieve required capture (EnSafe, August 2018)

1.3 Historical Baseline Data

Monitoring wells at the Frost Street Sites were sampled on several occasions between 1998 and 2005 during the remedial investigation and AS/SVE system design process. The data indicated that groundwater at the Frost Street Sites was impacted by VOCs, primarily PCE and TCE, at concentrations above the RG for each of these compounds of 5 µg/L. Other VOCs, such as 1,1,1-trichloroethane and 1,2-dichloroethane, also exceeded the RGs at some monitoring locations. Historically, the highest concentrations of PCE and TCE were found in groundwater samples collected from shallow monitoring wells (screened approximately 60 to 70 feet bgs) in or downgradient of the source area, as evidenced by monitoring wells: FSMW-2A, FSMW-4A, FSMW-8A, and FSMW-9A. PCE and TCE concentrations at most locations decreased over the course of the 1998 and 2005 sampling events, likely due to natural attenuation and movement of the plume.

1.4 Sampling Program

Groundwater sampling at the Frost Street Sites is performed in accordance with the NYSDEC-approved *Final Engineering Report and Operation, Maintenance, and Monitoring Plan* (Walden, June 2006), the NYSDEC-approved *Monitoring Well Sampling Addendum* (EnSafe, January 25, 2016), and recommendations made in the *2019 Comprehensive Groundwater Monitoring Report* (EnSafe, September 2019). Figure 3 shows the Frost Street Sites related monitoring wells and the sampling frequency.



Based on the recommendation made in the *Quarterly Groundwater Monitoring Report – Third Quarter 2018* (EnSafe, December 2018), samples were collected via low-flow sampling techniques.

2.0 GROUNDWATER SAMPLING

2.1 First Quarter 2022

The Q1 2022 groundwater sampling event was performed February 17 and February 18, 2022, at which time groundwater samples were collected from the 7 monitoring wells specified in the *2019 Comprehensive Groundwater Monitoring Report* (EnSafe, September 2019), and in accordance with the applicable sampling plans.

- Groundwater gauging was not performed.
- Samples were collected via low-flow sampling techniques. During purging, the turbidity, specific conductance, pH, and temperature of groundwater in each monitoring well were measured with a pre-calibrated instrument. Samples were collected from the wells once parameters stabilized.
- Samples were collected from LRF-1, FSMW-13A, FSMW-13B, FSMW-13C, FSMW-14A, FSMW-14B, and FSMW-14C for VOC analysis.
- Quality control samples for VOCs were collected in accordance with the Quality Assurance Project Plan (Walden, June 2006) and included one blind field duplicate of FSMW-13A (DUP01-021722), one equipment blank (EB01-033122), one trip blank, and one matrix spike/matrix spike duplicate of samples collected from FSMW-13B.
- The groundwater samples were submitted to TestAmerica Laboratories, Inc., of Edison, New Jersey, a New York State Department of Health Environmental Laboratory Approval Program Contract Laboratory Program laboratory. All groundwater samples were analyzed for target compound list VOCs Contract Laboratory Program (OLM 4.2 List) by United States Environmental Protection Agency Method 8260C, reported with Superfund equivalent deliverables in accordance with NYSDEC Analytical Services Protocol Category B.
- Approximately 25 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 collected 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.

2.2 Third Quarter 2022

The Q3 2022 comprehensive groundwater sampling event was performed August 30 to September 1, 2022, at which time groundwater samples were collected from the 15 monitoring wells specified in the *2019 Comprehensive Groundwater Monitoring Report* (EnSafe, September 2019), and in accordance with the applicable sampling plans.

- Site-related monitoring wells were gauged for depth to groundwater on August 30, 2022.
- Samples were collected via low-flow sampling techniques. During purging, the turbidity, specific conductance, pH, and temperature of groundwater in each monitoring well were measured with a pre-calibrated instrument. Samples were collected from the wells once parameters stabilized.
- Groundwater samples were collected from monitoring wells LRF-1, FSMW-1A, FSMW-2A, FSMW-3A, FSMW-4A, FSMW-4B, FSMW-6B, FSMW-8A, FSMW-9A, FSMW-13A, FSMW-13B, FSMW-13C, FSMW-14A, FSMW-14B, and FSMW-14C, and submitted to a laboratory for VOC analysis.
- Quality control samples for VOCs were collected in accordance with the *Quality Assurance Project Plan* (Walden, June 2006) and included blind field duplicates of FSMW-4A (DUP02-083122) and FMSW-13A (DUP01-08312022), two equipment blanks (EB01-083122 and EB02-090122), two trip blanks (TRIP BLANK1-20220824 and TRIP BLANK2-20220824), and matrix spike/matrix spike duplicates of samples collected from FSMW-6B and FSMW-13B.
- The groundwater samples were submitted to TestAmerica Laboratories, Inc., of Edison, New Jersey, a New York State Department of Health Environmental Laboratory Approval Program Contract Laboratory Program laboratory. All groundwater samples were analyzed for target compound list VOCs Contract Laboratory Program (OLM 4.2 List) by United States Environmental Protection Agency Method 8260C, reported with Superfund equivalent deliverables in accordance with NYSDEC Analytical Services Protocol 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 Nassau County Department of Public Works municipal sewage collected 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 Nassau County Department of Public Works authorization.

3.0 SUMMARY AND EVALUATION OF RESULTS

3.1 Groundwater Elevations

The Q3 2022 depth to water and calculated groundwater elevations are shown on Table 1; historical data is shown on Table 2. Based on the Q3 2022 elevation data, groundwater flows southerly, towards the extraction wells.¹ The groundwater surface for each group of monitoring wells with screened intervals associated with the corresponding extraction well pumping elevation is shown on Figures 5 through 8. These groundwater surface maps show distinct cones of depression in each pumping interval, which can be directly attributed to the extraction wells and their influence.

3.2 Analytical Results

Table 3 presents Q1 2022 and Q3 2022 VOC concentrations; Table 4 presents the VOC concentrations for all quarterly and annual groundwater sampling events performed to date. Trend graphs for each monitoring well, which illustrate the historical and current PCE and TCE concentrations, are included in Appendix A.²

3.2.1 Trend Analysis

The Q1 2022 and Q3 2022 groundwater monitoring data demonstrate groundwater conditions after over 17 years of AS/SVE system operation, and the system's continued effectiveness in removing contamination (VOCs) from the subsurface, containing contaminant mass, and preventing contaminant migration; thereby reducing VOC concentrations in groundwater within, and downgradient of, its zone of influence. These results also reflect groundwater conditions after over 4 years of groundwater extraction system operation and demonstrate the system's impact on groundwater VOC concentrations.

A review of the groundwater analytical results presented in this report shows that the overall PCE and TCE concentrations in most of the related monitoring wells have steadily decreased since AS/SVE system start-up in September 2005. The groundwater monitoring results and trends are analyzed below to evaluate the effectiveness of the remedy in accordance with the monitoring plans and DER-10, grouped based on the well locations and concentrations detected.

During the first sampling event post AS/SVE system startup (Q3 2006), five onsite monitoring wells (FSMW-2A, FSMW-3A, FSMW-4A, FSMW-8A, and FSMW-9A) and three offsite monitoring wells

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

² It should be noted that the vertical scales on these plots vary from well to well due to the wide range of concentrations detected at each of the monitoring wells.

(FSMW-13B, FSMW-14A, and FSMW-14B) had combined PCE and TCE concentrations above 1,000 µg/L. Due to the efficacy of the AS/SVE system, and of late, the groundwater extraction system, none of the wells sampled in Q1 2022 and Q3 2022 exhibited a combined PCE and TCE concentrations (or total combined VOC concentrations) above 1,000 µg/L. In fact, all wells are currently below 100 µg/L combined PCE and TCE concentrations except for LRF-1 (146 µg/L), FSMW-2A (251 µg/L), and FSMW-14B (309.5 µg/L). Furthermore, wells FSMW-1A, FMSW-4A, FSMW-4B, FSMW-6B, FSMW-8A, FSMW-9A, FSMW-13B, FSMW-13C, and FSMW-14C are below 30 µg/L combined PCE and TCE concentrations.

Trend graphs for actively sampled wells can be found in Appendix A.

3.2.1.1 Onsite – Source Area

These monitoring wells (LRF-1, FSMW-1A/1B, FSMW-2A/2B, FSMW-3A/3B, FSMW-4A/4B, and FSMW-8A/8B) are located within the source area on the Frost Streets Sites, in or just outside of the radius of influence of the AS/SVE system, as shown on Figure 4. These wells are located 400 to 1,000 feet upgradient of the groundwater extraction wells and are not considered to be directly influenced by this system.

Wells Currently Sampled

Groundwater samples collected from the following source area monitoring wells have contained PCE, TCE, or both at concentrations above the respective RGs of 5 µg/L (with combined PCE and TCE concentrations up to 1,000 µg/L) during one or more of the sampling events completed in the last 5 years and were sampled in 2022, as discussed below.

Results Summary Onsite – Source Area			
Sample Quarter	Well ID	PCE	TCE
Q1 2022	LRF-1	100	18
Q3 2022		130	16
Q3 2022	FSMW-1A	23	3.7
Q3 2022	FSMW-2A	240	11
Q3 2022	FSMW-3A	47	9.6
Q3 2022	FSMW-4A	23	0.66
Q3 2022	FSMW-4B	2	ND
Q3 2022	FSMW-8A	4.5	1.4

Notes:

Bold indicates a detection.

Bold shading indicates exceedance of remedial goal.

- **LRF-1:** Located near the northern boundary of 101 Frost Street, upgradient but near the source area, and along the edge of the radius of influence of the AS/SVE system.

PCE and TCE concentrations at LRF-1 decreased steadily from 2006 until 2013, reaching non-detect (ND) or concentrations below the respective RGs. PCE and TCE concentrations increased between 2013 and 2014, and again from 2015 through 2018, which may be from potential desorption of contamination from soil in the source area; a likely result of the 2015 AS/SVE optimization.

Since 2018, PCE and TCE concentrations decreased overall, with some slight fluctuations. Q1 2022 and Q3 2022 PCE and TCE concentrations are above the respective RG but combined are just above 100 µg/L total.

- **FSMW-1A:** Located near the northern boundary of 101 Frost Street, upgradient but near the onsite source area, and along the edge of the radius of influence of the AS/SVE system.

PCE and TCE concentrations followed a decreasing trend beginning in 2007 through mid-2014. Over that time, TCE concentrations were below its RG from mid-2008 through the Q2 2014, while PCE concentrations were below its RG from mid-2011 through the Q1 2014. PCE and TCE concentrations then increased in Q3 2014 through Q1 2015, before decreasing through Q2 2016, with the decrease likely due to the 2015 AS/SVE optimization. PCE and TCE concentrations remained relatively consistent, with some seasonal fluctuations, between Q1 2015 and Q2 2019; followed by a decreasing trend for six consecutive sampling events through Q3 2022.

TCE concentrations are below the RG the past four sampling events, while PCE concentrations in these events of 38 µg/L, 36 µg/L, 16 µg/L, and 23 µg/L, respectively, only slightly exceed the RG. Q3 2022 PCE and TCE concentrations demonstrate a more than 97% reduction from the maximum reported concentrations (Q4 2006).

- **FSMW-2A:** Located at the southwest corner of 101 Frost Street/northwest corner of 89 Frost Street, either within or immediately downgradient of the onsite source area, and near the radius of influence of the AS/SVE system and near the AS/SVE system modifications implemented in 2015.

PCE and TCE concentrations historically fluctuated but showed a decreasing trend since the 2015 AS/SVE optimization. Q3 2022 PCE and TCE concentrations increased slightly from prior recent sampling events and exceed the RGs. Q3 2022 PCE and TCE concentrations demonstrate an over 99% reduction from the maximum reported concentrations (Q3 2013).

- **FSMW-3A:** Located in the north-central portion of 89 Frost Street, upgradient/cross gradient of the onsite source area and, outside of the radius of influence of the AS/SVE system.

Following an increasing trend in PCE and TCE concentrations through 2007, both PCE and TCE concentrations decreased to below RGs over the period from 2013 through 2016. A rebound in PCE and TCE concentrations to above the RGs was evident in Q1 2018 and Q2 2019, but concentrations resumed a decreasing trend in Q3 2020 which has continued through Q3 2022. Q3 2022 PCE and TCE concentrations demonstrate a 98% reduction from the maximum reported concentrations (Q3 2007).

- **FSMW-4A:** Located in the southwest corner of 89 Frost Street, immediately downgradient of the source area, and near the radius of influence of the AS/SVE system and near the AS/SVE system modifications implemented in 2015.

PCE concentrations demonstrated a significant decrease since the 2015 AS/SVE optimization, approaching the RG. TCE concentrations have been below the RG since Q4 2017. Q3 2022 PCE and TCE concentrations demonstrate a more than 99% reduction from the maximum reported concentrations (1998).

- **FSMW-4B:** Located in the southwest corner of 89 Frost Street, immediately downgradient of the source area, and near the radius of influence of the AS/SVE system modifications implemented in 2015.

PCE and TCE concentrations have fluctuated, following a generally decreasing trend since 2006. Q3 2022 PCE and TCE concentrations are both below the respective RG and demonstrate over 99% reduction from the maximum reported concentrations (2003).

- **FSMW-8A:** Located outside of the source area, downgradient of FSMW-4A/4B, and near the radius of influence of the AS/SVE system as well as near the AS/SVE wells taken offline during AS/SVE system modifications implemented in 2015.

PCE and TCE concentrations steadily decreased since AS/SVE system startup with a slight rebound prior to the 2015 AS/SVE system optimization. PCE and TCE concentrations have remained to below 10 µg/L since Q4 2018; PCE concentrations have been below the RG since Q3 2021 and TCE concentrations have been below the RG since Q3 2016 and have been ND since Q3 2020. This demonstrates an over 99% reduction from the maximum reported concentrations (1998).

Wells No Longer Sampled

Groundwater samples collected from the following source area monitoring wells have not contained PCE or TCE at concentrations above RGs in all sampling events for at least the last 5 years and are no longer sampled, as summarized below.

- **FSMW-1B:** Results ND or below RGs since AS/SVE system startup in 2005
- **FSMW-2B:** Results ND or below RGs since AS/SVE system optimization in 2015
- **FSMW-3B:** Results ND or below RGs since AS/SVE system startup in 2005
- **FSMW-8B:** Decreasing results to ND or below RGs since the mid-2000s

3.2.1.2 Onsite – Downgradient of Source Area, North of Old Country Road

Onsite downgradient monitoring wells (FSMW-5A/5B, FSMW-6A/6B, FSMW-7A/7B, FSMW-9A/9B, FSMW-10A/10B, FSMW-11, FSMW-12) are located on or adjacent to the Frost Streets Sites, downgradient of the source area, and outside of the radius of influence of the AS/SVE system. Some of the onsite downgradient monitoring wells are located within the capture zone of the groundwater extraction system (FSMW-6A/6B, FSMW-11, FSMW-12), as shown on Figure 4.

Wells Currently Sampled

Groundwater samples collected from the following onsite downgradient monitoring wells have contained PCE, TCE, or both at concentrations above the respective RGs during one or more of the sampling events completed in the last 5 years and were sampled in 2022, as discussed below.

Results Summary			
Onsite – Downgradient of Source Area, North of Old Country Road			
Sample Quarter	Well ID	PCE	TCE
Q3 2022	FSMW-6B	4.1	1.2
Q3 2022	FSMW-9A	4.9	1.4

Notes:

Bold indicates a detection.

Bold shading indicates exceedance of remedial goal.

- **FSMW-6B:** Located at the southwestern boundary of the Frost Street Sites, adjacent to Old Country Road, over 600 feet downgradient of the source area, approximately 300 feet downgradient of the radius of influence of the AS/SVE system, and within the design capture zone and current actual operational capture zone of the groundwater extraction system.

PCE and TCE concentrations historically fluctuated but have shown a consistent decreasing trend since 2012. Q3 2022 PCE and TCE concentrations are both below the respective RG and demonstrate a nearly 97% reduction from the maximum reported concentrations (1998).

This well is recommended for no further sampling based on these results.

- **FSMW-9A:** Located east of 1085 Old Country Road (formerly 770 Main Street [Former Applied Fluidics Site]) on 1121 Old Country Road, downgradient of the source area, and within the radius of influence of the AS/SVE system but outside the area of influence of the groundwater extraction wells.

PCE and TCE concentrations significantly decreased immediately following AS/SVE system startup in September 2005. Since then, PCE and TCE concentrations followed a general decreasing trend, with some fluctuations. Q3 2022 PCE and TCE concentrations are both below the respective RGs and demonstrate an overall decrease of greater than 99% from the maximum reported concentrations (2000).

This well is recommended for no further sampling based on these results.

Wells No Longer Sampled

Groundwater samples collected from the following onsite downgradient monitoring wells have not contained PCE or TCE at concentrations above RGs in all sampling events for at least the last 5 years (except where noted) and are no longer sampled, as discussed below.

- **FSMW-5A/5B:** Results ND or below RGs since AS/SVE system startup in 2005
- **FSMW-6A:** Results ND or below RGs since Q3 2014
- **FSMW-7A/7B:** Results ND or RGs since AS/SVE system startup in 2005
- **FSMW-9B:** Results ND or below RGs since Q3 2014
- **FSMW-10A/10B:** Results ND or below RGs since Q3 2014 (FSMW-10A) and September 2005 (FSMW-10B)
- **FSMW-11:** Results ND or below RGs since Q3 2009

- **FSMW-12:** PCE results ND or below RG and the recent decrease of TCE to below RG

3.2.1.3 Offsite – Downgradient of Source Area, South of Old Country Road

Monitoring well clusters FSMW-13A/13B/13C and FSMW-14A/14B/14C are located downgradient of the Frost Street Sites (south of Old Country Road), outside the radius of influence of the AS/SVE system, downgradient of the required design capture zone of the groundwater extraction system, but within the current actual operational capture zone, as indicated by the pumping test and current groundwater elevations and results (Figures 4 through 8). TCE concentrations are typically greater than PCE concentrations in the deepest monitoring wells (FSMW-13C and FSMW-14C), which are screened from 239 to 249 feet bgs. These two deep monitoring wells are the only locations where the ratio of TCE to PCE concentrations is greater than 1, indicating that deeper groundwater in the vicinity of these wells is impacted by contaminants from site(s) located upgradient of the Frost Street Sites.

Wells Currently Sampled

Historically, the most impacted offsite monitoring wells are FSMW-14A and FSMW-14B, which have exhibited combined PCE and TCE concentrations greater than 1,000 µg/L. These wells are sampled semiannually (quarterly between Q1 2016 and Q1 2020; annually before that) and have not exhibited concentrations greater than 1,000 µg/L since Q4 2018; combined PCE and TCE concentrations at these wells have been below 500 µg/L since Q2 2019 (FSMW-14A) and Q3 2020 (FSMW-14B).

Groundwater samples collected from the following offsite downgradient monitoring wells have contained PCE, TCE, or both at concentrations above the respective RGs during one or more of the sampling events completed in the last 2 years and were sampled in 2022, as discussed below.

Results Summary			
Offsite – Downgradient of Source Area, South of Old Country Road			
Sample Quarter	Well ID	PCE	TCE
Q1 2022	FSMW-13A	67	2.5
Q3 2022		76	2.6
Q1 2022	FSMW-13B	16	1.1
Q3 2022		20	1.3
Q1 2022	FSMW-13C	6.8	20
Q3 2022		11	33
Q1 2022	FSMW-14A	45	2.4
Q3 2022		32	2.2
Q1 2022	FSMW-14B	32	1.1
Q3 2022		210	5.6
Q1 2022	FSMW-14C	0.7	3.8
Q3 2022		1.1	7.3

Notes:

Bold indicates a detection.

Bold shading indicates exceedance of remedial goal.

- **FSMW-13A:** Located in the right-of-way of Bob Reed Place, downgradient of the source area, and at the eastern side of the apparent groundwater plume centerline.

PCE and TCE concentrations had fluctuated since 2005, decreasing from Q4 2014 through Q1 2017, increasing through Q1 2020. The last five sampling events have followed an overall decreasing trend, likely due to the groundwater extraction system which began operation in March 2018. PCE concentrations have been below 100 µg/L since the Q3 2021 sampling event and TCE concentrations have been below the RG since the Q1 2021 sampling event.

- **FSMW-13B:** Located in the right-of-way of Bob Reed Place, downgradient of the source area, and at the eastern side of the apparent groundwater plume centerline.

PCE concentrations followed an overall generally decreasing trend since 2009 and are just above the PCE RG. TCE concentrations followed an overall decreasing trend as well, with the Q1 2022 and Q3 2022 TCE concentrations being the fifth and sixth consecutive results below the RG.

Q1 2022 and Q3 2022 PCE and TCE concentrations demonstrate an over 99% reduction from the maximum reported concentrations (2009), and a nearly 96% decrease since the Q1 2018 sampling event, which indicates influence from the groundwater extraction system that was made operational after the Q1 2018 sampling event in March 2018.

- **FSMW-13C:** Located in the right-of-way of Bob Reed Place, downgradient of the source area, and at the eastern side of the apparent groundwater plume centerline.

PCE and TCE concentrations fluctuated overall, but generally have been decreasing since 2012 and 2013, respectively. Q1 2022 and Q3 2022 PCE concentrations are just above the RG and TCE concentrations are approaching the respective RG. Q1 2022 and Q3 2022 PCE concentrations demonstrate an over 98% reduction from the maximum reported concentration (Q4 2012), while Q1 2022 and Q3 2022 TCE concentrations demonstrate an over 94% reduction from the maximum reported concentration (Q3 2010).

Samples collected from this well show a TCE dominance (5:1), which is consistent with other samples collected from this depth (greater than 220 feet bgs), which may indicate a separate source unrelated to the Frost Street Sites.

- **FSMW-14A:** Located in the right-of-way of Hyacinth Street, downgradient of the source area, and within the apparent groundwater plume centerline.

PCE and TCE concentrations followed an overall decreasing trend since Q3 2007, with some fluctuations. Significant reductions began in Q2 2019 results, likely due to the groundwater extraction system which began operation in March 2018. Q1 2022 and Q3 2022 PCE concentrations are slightly above the RG and demonstrate a decrease of over 99% from the maximum reported concentrations (Q3 2007). TCE concentrations have been below the RG since the Q1 2021 sampling event and Q1 2022 and Q3 2022 TCE concentrations demonstrate a decrease of over 99% from the maximum reported concentrations (Q3 2007).

Q1 2022 and Q3 2022 PCE and TCE concentrations demonstrate a decrease of nearly 99% from the Q1 2018 sampling event, which indicates influence from the groundwater extraction system that was made operational after the Q1 2018 sampling event in March 2018.

- **FSMW-14B:** Located in the right-of-way of Hyacinth Street, downgradient of the source area, and within the apparent groundwater plume centerline.

PCE and TCE concentrations followed a generally decreasing trend, with some fluctuations, since Q3 2008. Significant reductions began in Q2 2020 results, likely due to the groundwater extraction system which began operation in March 2018. Although slight rebound was seen in Q3 2022 results, Q1 2022 and Q3 2022 PCE and TCE concentrations demonstrate a decrease of over 97% from the reported maximum concentrations (Q3 2008).

Q1 2022 and Q3 2022 PCE and TCE concentrations demonstrate a decrease of nearly 90% since the Q1 2018 sampling event, which indicates influence from the groundwater extraction system that was made operational after the Q1 2018 sampling event in March 2018.

- **FSMW-14C:** Located in the right-of-way of Hyacinth Street, downgradient of the source area, and within the apparent groundwater plume centerline.

PCE and TCE concentrations were relatively consistent, with some fluctuation through the Q1 2018 sampling event, before both exhibiting an overall decreasing trend. This decreasing trend is likely due to the groundwater extraction system which began operation in March 2018. Q1 2022 PCE and TCE concentrations are below the RGs. The Q3 2022 PCE concentration is below the RG and the TCE concentration is slightly above the RG.

Samples collected from this well show a TCE dominance (5:1), which is consistent with other samples collected from this depth (greater than 220 feet bgs), which may indicate a separate source unrelated to the Frost Street Sites.

3.2.2 Tetrachloroethene and Trichloroethene Breakdown Products

Cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene, and vinyl chloride are PCE/TCE breakdown products that have been historically detected in Frost Street-related monitoring wells. The presence of these compounds indicates that PCE and TCE may be breaking down. These compounds are removed from the subsurface (along with PCE and TCE) where they are present within the AS/SVE and groundwater extraction systems' zones of influence; elevated concentrations of these compounds have been detected in the AS/SVE system influent air. The predominant breakdown product seen in monitoring wells at the Frost Street Sites is cis-1,2-DCE.

At wells located within, or downgradient of, the AS/SVE system zone of influence, concentrations of cis-1,2-DCE at elevated percentages (cis-1,2-DCE/(PCE+TCE), above 10%) during the time in which the system has been operational, especially if the ratios increase as PCE and TCE concentrations decrease, indicate this breakdown is a result of the AS/SVE system. Trend graphs showing PCE and TCE concentrations and the breakdown percentage (cis-1,2-DCE/(PCE+TCE)) are provided in Appendix B.

Source area wells which have seen this trend include: LRF-1, FSMW-1A, FSMW-2A, FSMW-3A, FSMW-4A, and FSMW-8A. At these wells, the breakdown percentage was slightly elevated following AS/SVE system startup, then increased significantly upon AS/SVE system modification. The breakdown percentage is following a decreasing trend and/or stabilizing now that overall concentrations in these wells have achieved/are approaching RGs. Downgradient wells which have seen this trend (FSMW-13C, FSMW-14B, and FSMW-14C), show a gradual increase of the breakdown percentage, which is likely due to groundwater flow from the source area and AS/SVE treatment.

3.2.3 Evaluation of Air Sparge/Soil Vapor Extraction System Performance

The AS/SVE system began operation in 2005 and was optimized in February 2015, as shown on Figure 4. Observations related to system performance and the modifications are summarized below.

- Original remedial system wells AS-10, AS-12, AS-13, and SVE-6 were turned off in February 2015.
 - Monitoring well FSMW-8A is in the vicinity of these remedial wells. Groundwater data presents no evidence of rebounding concentrations; in fact, concentrations of PCE at FSMW-8A are just above the RG. Concentrations of TCE have been below the RG since Q3 2016.
 - These remedial system wells should be permanently abandoned.
- Remedial system wells AS-10B, AS-12B, AS-13B, AS-16B, and SVE-6B were turned on in February 2015.
 - FSMW-1A, FSMW-2A, FSMW-3A, and FSMW-4A/4B are in the vicinity of these remedial system wells. The Q3 2022 results show continued decreasing trends, with some fluctuations, in PCE and TCE concentrations at these monitoring locations.
 - The decreasing trend in VOC concentrations at these source area monitoring wells is expected to continue as the modified AS/SVE system operates in the source area. Through this contaminant reduction in the source area, downgradient monitoring wells are also expected to continue a decreasing VOC trend.

Overall, groundwater data demonstrates that the AS/SVE system is successfully removing contamination (VOCs) from the subsurface, containing contaminant mass, and preventing contaminant migration; thereby reducing VOC concentrations in groundwater within, and downgradient of, its zone of influence.

3.2.4 Evaluation of Groundwater Extraction System Performance

The groundwater extraction system began operation in spring 2018; observations related to system performance are summarized below.

- Considerable decreases of PCE and TCE concentrations at downgradient offsite wells, especially FSMW-14A and FSMW-14B, indicate influence from the groundwater extraction system. The most significant decrease can be seen at FSMW-14A, which historically exhibited the highest concentrations of the downgradient offsite wells.
- Groundwater elevations and subsequent groundwater surface maps show distinct cones of depression in each pumping interval, which can be directly attributed to the extraction wells and their influence (Figures 5 to 8).
- The time in which this response was seen (approximately 1 year) are consistent with the findings in the *Expanded Pumping Test Summary, Findings, and Recommendations* (EnSafe, August 2018). (Monitoring well clusters FSMW-13 and FSMW-14 are located at the model-estimated approximate 1-year capture zone of the extraction wells at these pumping rates.) This confirms the report's conclusions; that pumping rates are higher than necessary to achieve the required capture zone and the capture zone of the current pumping rates is much larger than required.

Overall, groundwater data demonstrates that the groundwater extraction system is effectively removing residual VOCs in groundwater that have migrated from the source area, thereby reducing groundwater VOC concentrations in downgradient monitoring wells.

3.3 Data Validation

The TestAmerica analytical data packages for the Q1 2022 and Q3 2022 samples were validated to evaluate the analytical laboratory's ability to meet the data quality objectives provided in the Quality Assurance Project Plan, in accordance with United States Environmental Protection Agency's (Region 2) Contract Laboratory Program National Functional Guidelines for Organic Data Review. The data usability summary reports and laboratory data analytical reports are attached as Appendix C. Non-compliant data was flagged in accordance with NYSDEC Analytical Services Protocol and corrective action was undertaken to rectify any problems.

Q1 2022

All data were determined to be usable; none of the results were rejected. Laboratory control samples indicated that quality control requirements were met for this round of groundwater sampling. The method, equipment, and trip blanks were free from contamination. Results for DUP01-021722, FSMW13A-021722, FSMW13B-021722, FSMW14A-021722, FSMW14B-021722, and LRF1-021822 were qualified as estimated due to continuing calibration verification outliers. All results for the

affected samples were non-detect (0.26 µg/L). Although the results may be bias low, this issue does not impact data usability since the project action level for tetrachloroethene and trichloroethene is 5 µg/L. Groundwater samples were analyzed undiluted for this round of groundwater sampling. The matrix spike/matrix spike duplicate percent recovery for carbon tetrachloride for FSMW14C-021722 was above the control limit. The carbon tetrachloride result of 0.34 µg/L for FSMW14C-021722 was qualified as estimated and may be biased high in FSMW14C-021722. Although the result may be biased high, this issue does not impact data usability since the result is well below the project action level of 5 µg/L.

Q3 2022

All data were determined to be usable; none of the results were rejected. Laboratory control sample and matrix spike/ matrix spike duplicate sample analysis indicated that quality control requirements were met for this round of groundwater sampling. The method and trip blanks were free from contamination. 2-butanone was qualified as undetected in FSMW8A-083122 due to equipment blank contamination. All positive and undetected results in FSMW4A-083122 were qualified as estimated and may be biased low due to low surrogate recovery. Tetrachloroethene and trichloroethene were detected at concentrations of 23 µg/L and 0.66 µg/L, respectively in FSMW4A-083122. Although the results may be bias low, this issue does not impact data usability since the New York State Ambient Water Quality Standards and Guidance Values for tetrachloroethene and trichloroethene is 5 µg/L. Groundwater samples were analyzed undiluted for this round of groundwater sampling.

The validated Q1 2022 analytical data was submitted to NYSDEC on April 11, 2022, and the validated Q3 2022 analytical data was submitted to NYSDEC on October 13, 2022, in accordance with the Electronic Data Deliverable requirements.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Groundwater Sampling Program

Based on the groundwater data and trends, described above and in this report, it is recommended that the following changes to the groundwater monitoring program be made:

- **Eliminate sampling at FSMW-6B and FSMW-9A** – VOC concentrations of samples collected from these two wells have been below remedial goals for the last 4 years and no longer provide meaningful data on system performance. Therefore, it is recommended that they are removed from the monitoring program.
- **Decrease sampling frequency** – More significantly, sample data over the last decade, and especially since air sparge/soil vapor extraction system optimization (2014) and groundwater extraction system installation (2018), have shown that VOC concentrations are stable throughout the Site and have decreased downgradient and offsite, a consequence of a stable soil desorption equilibrium and effective groundwater capture. Therefore, frequent monitoring at present has less value than when the system was initially constructed, and groundwater concentrations were more variable. Site resources can be better optimized if the monitoring frequency is modified to reflect this stable condition.

To that end, it is recommended that the first quarter 7-well sampling event be discontinued completely and that the annual sampling event (currently performed in the third quarter of each year) be modified to a fifth-quarter rotating event. Because results do not show significant contamination or changing trends, fifth-quarter sampling at this Site is consistent with DER-10 and will provide approximately annual sampling with the benefit of evaluating possible seasonal variations. The next large sampling event will then be performed in fourth quarter 2023.

4.2 Air Sparge/Soil Vapor Extraction System

Overall, groundwater data demonstrates that the AS/SVE system successfully removing contamination (VOCs) from the subsurface, containing contaminant mass, and preventing contaminant migration; thereby reducing VOC concentrations in groundwater within, and downgradient of, its zone of influence. Currently, approximately 75% of source area wells and 100% of onsite downgradient wells exhibit concentrations proximate to or below, RGs. Groundwater concentrations have remained generally stable in recent years.

Continued operation of the AS/SVE system should further decrease PCE and TCE concentrations in the monitoring wells located within the radius of influence of the system as well as maintain stable groundwater concentrations by preventing contaminant migration. Groundwater data demonstrates that the 2015 AS/SVE system optimization has been successful and the idle remedial wells in the vicinity of the FSMW-8 cluster (AS-10, AS-12, AS-13, and SVE-6) should be abandoned since no rebound has occurred.

4.3 Groundwater Extraction System

Groundwater data also demonstrates that the groundwater extraction system is effectively removing residual VOCs in groundwater that have migrated from the source area. While PCE and/or TCE concentrations are above remedial goals, groundwater concentrations downgradient of Old Country Road have decreased by up to 99%.

Continued operation of the groundwater extraction system should capture any residual contamination that may migrate from the source area as well as further decrease concentrations onsite and at offsite wells located downgradient of the extraction wells (FSMW-13 and FSMW-14 clusters) and further downgradient. The Frost Street Parties note that the time in which this decrease occurred is consistent with the findings in the *Expanded Pumping Test Summary, Findings, and Recommendations* (EnSafe, August 2018).

5.0 REFERENCES

EnSafe Inc. *Monitoring Well Sampling Addendum, Frost Street Sites*. January 25, 2016.

- *Expanded Pumping Test Summary, Findings, and Recommendations, Frost Street Sites*. August 2018.
- *Quarterly Groundwater Monitoring Report – Third Quarter 2018, Frost Street Sites*. December 2018.
- *2019 Comprehensive Groundwater Monitoring Report, Frost Street Sites*. September 2019.

New York State Department of Environmental Conservation. *Final DER-10 Technical Guidance for Site Investigation and Remediation*. May 2010.

Walden Environmental Engineering. *Final Engineering Report and Operation, Maintenance, and Monitoring Plan, Frost Street Sites*. June 2006.



FIGURES

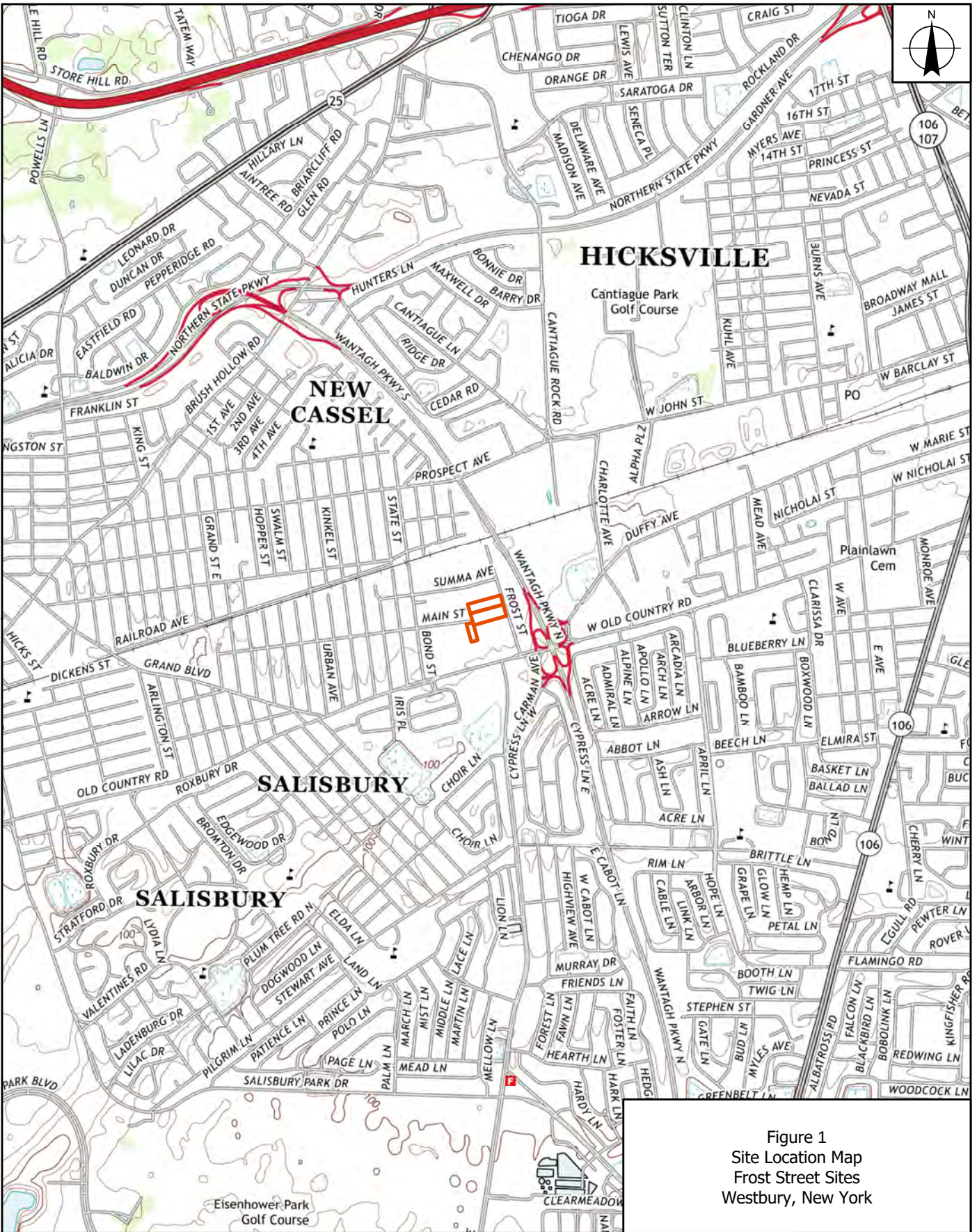


Figure 1
Site Location Map
Frost Street Sites
Westbury, New York

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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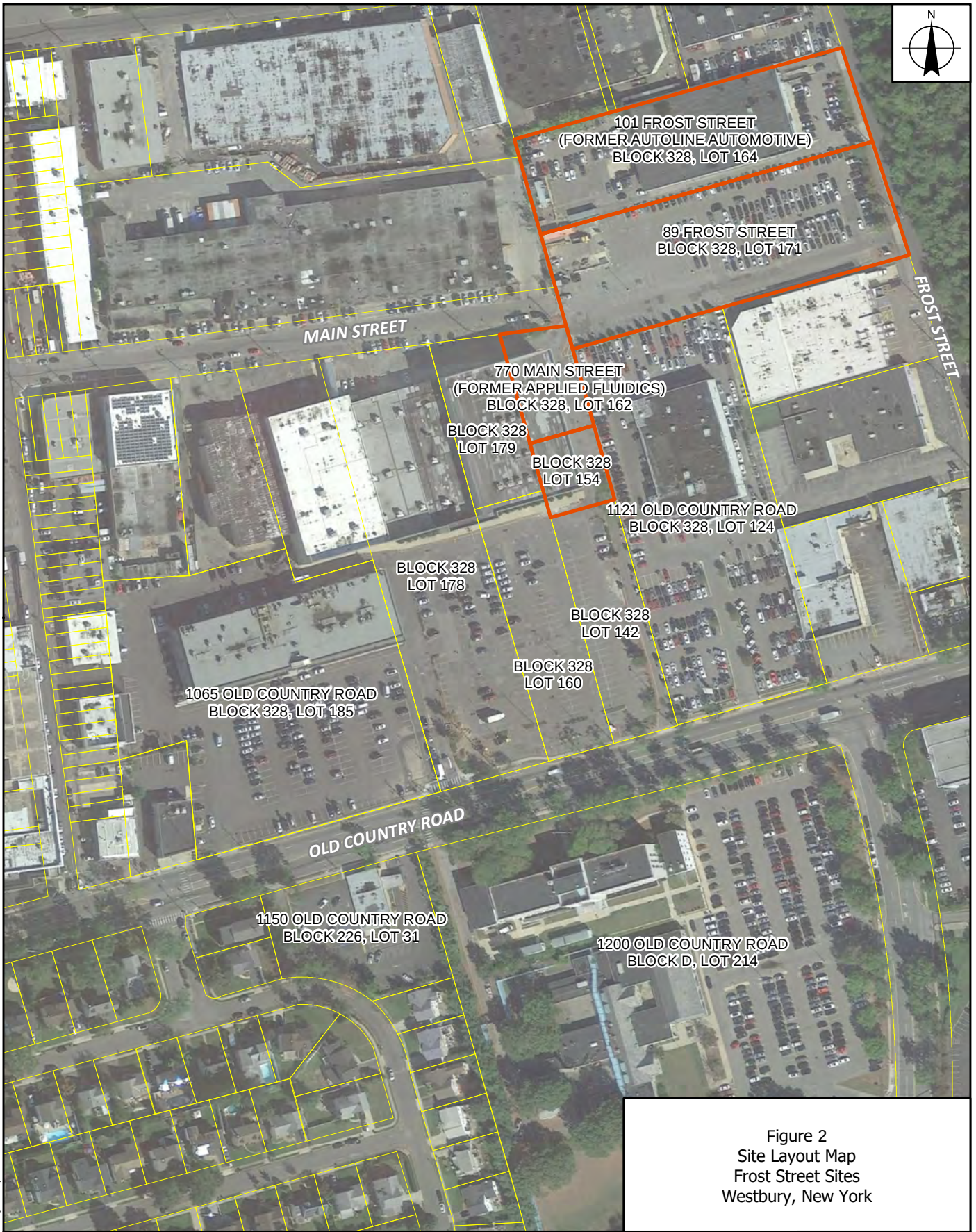


Figure 2
Site Layout Map
Frost Street Sites
Westbury, New York

LEGEND

- ORIGINAL SITE BOUNDARIES
- SURROUNDING PARCELS

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200

SCALE IN FEET

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

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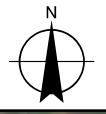


FIGURE 3
MONITORING PLAN
FROST STREET SITES
WESTBURY, NEW YORK

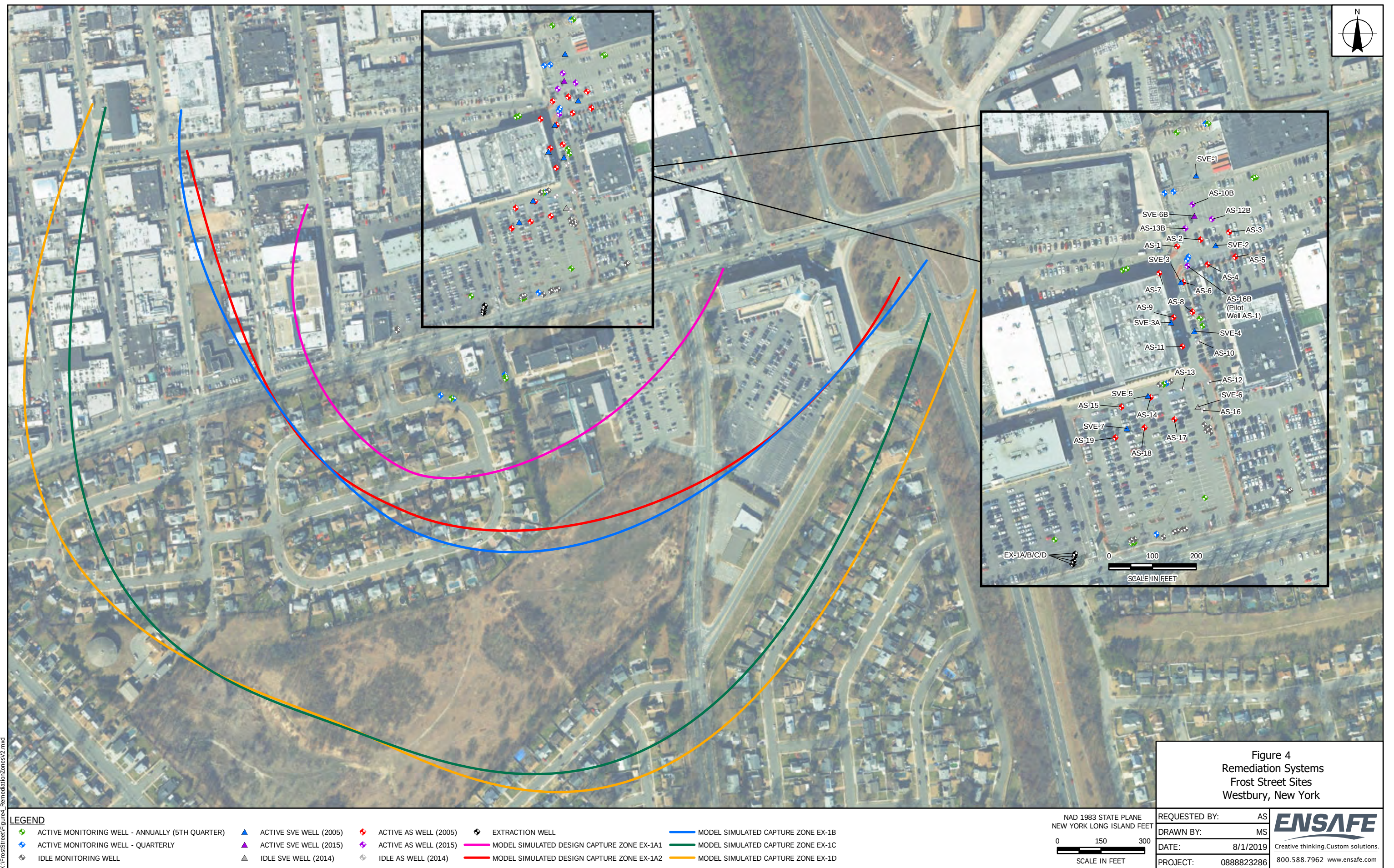
LEGEND

- ACTIVE MONITORING WELL - SEMIANNUAL
- ACTIVE MONITORING WELL - ANNUAL
- 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: 12/17/2020
PROJECT: 0888820265

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LEGEND

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

NOTES:

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

EXTRACTION WELL PUMPING RATES

EX-1A - 33 GPM
EX-1B - 33 GPM
EX-1C - 44 GPM
EX-1D - 44 GPM

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

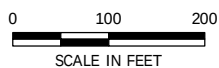


FIGURE 5
POTENTIOMETRIC SURFACE MAP
GROUP A WELLS (58-74 FEET BGS)
EX-1A AT 33 GPM
FROST STREET SITES
WESTBURY, NEW YORK

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DATE:	12/8/2022
PROJECT:	0888823286

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LEGEND

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

NOTES:
NM - NOT MEASURED
BGS - BELOW GROUND SURFACE
GPM - GALLONS PER MINUTE
* - NOT USED FOR CONTOURING
EXTRACTION WELL PUMPING RATES
EX-1A - 33 GPM
EX-1B - 33 GPM
EX-1C - 44 GPM
EX-1D - 44 GPM

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

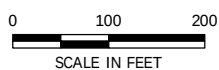


FIGURE 6
POTENTIOMETRIC SURFACE MAP
GROUP B WELLS (114-149 FEET BGS)
EX-1B AT 33 GPM
FROST STREET SITES
WESTBURY, NEW YORK

REQUESTED BY:	GH
DRAWN BY:	NR
DATE:	12/8/2022
PROJECT:	0888823286

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LEGEND

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

NOTES:

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

EXTRACTION WELL PUMPING RATES

EX-1A - 33 GPM
EX-1B - 23 GPM
EX-1C - 44 GPM
EX-1D - 44 GPM

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200
SCALE IN FEET

FIGURE 7
POTENTIOMETRIC SURFACE MAP
GROUP C WELLS (150-200 FEET BGS)
EX-1C AT 44 GPM
FROST STREET SITES
WESTBURY, NEW YORK

REQUESTED BY: GH

DRAWN BY: NR

DATE: 12/8/2022

PROJECT: 0888823286

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



LEGEND

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

NOTES:

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

EXTRACTION WELL PUMPING RATES

EX-1A - 33 GPM
EX-1B - 33 GPM
EX-1C - 44 GPM
EX-1D - 44 GPM

NAD 1983 STATE PLANE
NEW YORK LONG ISLAND FEET

0 100 200
SCALE IN FEET

FIGURE 8
POTENTIOMETRIC SURFACE MAP
GROUP D WELLS (200-249 FEET BGS)
EX-1D AT 44 GPM
FROST STREET SITES
WESTBURY, NEW YORK

REQUESTED BY: GH

DRAWN BY: NR

DATE: 12/8/2022

PROJECT: 0888823286

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



TABLES

Table 1
Groundwater Elevations - Third Quarter 2022

Well ID	Screen Interval (feet bgs)	Well Diameter (inch)	Well Elevation Used starting Q2 2018 ^[1] (feet AMSL)	Q3 2022 08/30/2022	
				Depth to Groundwater (feet bgs)	Groundwater Elevation (feet AMSL)
EX-1A	50-100	6	120.07	NM	NM
EX-1B	100-150	6	119.74	NM	NM
EX-1C	150-200	6	119.77	NM	NM
EX-1D	200-240	6	120.05	NM	NM
LRF-1	50-70	4	125.65	51.85	73.80
FSMW-1A	58-68	2	126.03	52.03	74.00
FSMW-1B	117-127	2	125.97	52.26	73.71
FSMW-2A	60-70	4	124.74	51.54	73.20
FSMW-2B	114-124	2	125.05	51.85	73.20
FSMW-3A	60-70	2	126.15	52.65	73.50
FSMW-3B	135-145	2	126.23	52.89	73.34
FSMW-4A	60-70	2	123.95	50.75	73.20
FSMW-4B	137-147	2	123.57	51.61	71.96
FSMW-5A	60-70	2	118.05	45.29	72.76
FSMW-5B	130-140	2	117.99	45.35	72.64
FSMW-6A	59-69	2	119.17	46.77	72.40
FSMW-6B	137-147	2	119.36	47.13	72.23
FSMW-7A	60-70	2	121.26	48.89	72.37
FSMW-7B	136-146	2	121.44	49.35	72.09
FSMW-8A	64-74	2	121.64	49.08	72.56
FSMW-8B	132-142	2	121.75	49.50	72.25
FSMW-8C	170-180	2	121.43	48.87	72.56
FSMW-8D	223-233	2	121.65	49.07	72.58
FSMW-9A	60-70	2	124.10	51.81	72.29
FSMW-9B	137-147	2	123.91	51.37	72.54
FSMW-10A	60-70	2	123.59	NM	NM
FSMW-10B	137-147	2	123.68	NM	NM
FSMW-11	139-149	2	119.19 ^[2]	46.74	72.45
FSMW-12	139-149	2	121.30	49.25	72.05
FSMW-13A	69-79	2	118.00	46.04	71.96
FSMW-13B	119-129	2	117.94	46.05	71.89
FSMW-13C	239-249	2	117.81	46.28	71.53
FSMW-14A	119-129	2	117.16	45.34	71.82
FSMW-14B	159-169	2	117.36	45.67	71.69
FSMW-14C	239-249	2	117.19	45.64	71.55
FSMW-19A	70-80	2	120.32	47.53	72.79
FSMW-19B	120-130	2	120.22	47.79	72.43
FSMW-19C	170-180	2	120.17	47.77	72.40
FSMW-19D	223-233	2	120.60	48.13	72.47

Notes:

1 All wells were resurveyed in 2018; well elevations presented herein are based on new elevations.

2 FSMW-11 damaged during 2022 paving event; well elevation updated.

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	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		3/17/2020	
					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	53.57	66.50	52.31	67.76	53.90	66.17	53.79	66.28
EX-1B	100-150	6	NA	119.74	58.32	61.42	58.29	61.45	58.63	61.11	58.40	61.34
EX-1C	150-200	6	NA	119.77	53.05	66.72	52.70	67.07	53.38	66.39	53.22	66.55
EX-1D	200-240	6	NA	120.05	48.66	71.39	48.45	71.60	48.98	71.07	59.20	60.85
LRF-1	50-70	4	126.91	125.65	50.69	74.96	50.49	75.16	51.00	74.65	52.13	73.52
FSMW-1A	58-68	2	127.29	126.03	50.84	75.19	50.20	75.83	51.15	74.88	50.43	75.60
FSMW-1B	117-127	2	127.34	125.97	NM	NM	50.59	75.38	51.50	74.47	51.37	74.60
FSMW-2A	60-70	4	126.33	124.74	49.77	74.97	49.66	75.08	50.07	74.67	49.50	75.24
FSMW-2B	114-124	2	126.04	125.05	50.16	74.89	50.03	75.02	50.51	74.54	49.61	75.44
FSMW-3A	60-70	2	127.45	126.15	51.13	75.02	51.01	75.14	51.44	74.71	51.11	75.04
FSMW-3B	135-145	2	127.53	126.23	51.40	74.83	51.29	74.94	51.66	74.57	51.02	75.21
FSMW-4A	60-70	2	125.25	123.95	49.20	74.75	48.79	75.16	49.55	74.40	49.42	74.53
FSMW-4B	137-147	2	124.86	123.57	48.91	74.66	48.61	74.96	49.20	74.37	48.78	74.79
FSMW-5A	60-70	2	119.30	118.05	43.69	74.36	43.22	74.83	43.98	74.07	43.52	74.53
FSMW-5B	130-140	2	119.19	117.99	43.67	74.32	43.31	74.68	44.04	73.95	43.45	74.54
FSMW-6A	59-69	2	120.44	119.17	45.14	74.03	45.05	74.12	45.87	73.30	44.74	74.43
FSMW-6B	137-147	2	120.61	119.36	46.17	73.19	45.45	73.91	46.21	73.15	45.40	73.96
FSMW-7A	60-70	2	122.46	121.26	47.21	74.05	47.25	74.01	47.83	73.43	47.02	74.24
FSMW-7B	136-146	2	122.68	121.44	47.71	73.73	47.72	73.72	48.12	73.32	47.41	74.03
FSMW-8A	64-74	2	122.95	121.64	47.20	74.44	47.15	74.49	47.85	73.79	46.82	74.82
FSMW-8B	132-142	2	123.07	121.75	47.35	74.40	47.27	74.48	47.81	73.94	47.00	74.75
FSMW-8C	170-180	2	NA	121.43	47.35	74.08	47.28	74.15	47.70	73.73	46.93	74.50
FSMW-8D	223-233	2	NA	121.65	47.53	74.12	47.57	74.08	47.78	73.87	47.20	74.45
FSMW-9A	60-70	2	125.40	124.10	49.81	74.29	49.32	74.78	49.98	74.12	49.58	74.52
FSMW-9B	137-147	2	125.28	123.91	49.42	74.49	49.21	74.70	49.80	74.11	49.26	74.65
FSMW-10A	60-70	2	124.87	123.59	48.95	74.64	48.80	74.79	49.21	74.38	48.89	74.70
FSMW-10B	137-147	2	125.02	123.68	49.08	74.60	48.92	74.76	49.41	74.27	48.90	74.78
FSMW-11	139-149	2	120.80	119.34	45.17	74.17	45.11	74.23	45.74	73.60	44.95	74.39
FSMW-12	139-149	2	122.55	121.30	47.86	73.44	47.58	73.72	48.17	73.13	47.15	74.15
FSMW-13A	69-79	2	119.25	118.00	44.23	73.77	44.23	73.77	44.86	73.14	43.95	74.05
FSMW-13B	119-129	2	119.18	117.94	44.22	73.72	44.23	73.71	44.85	73.09	43.95	73.99
FSMW-13C	239-249	2	119.07	117.81	44.41	73.40	44.42	73.39	45.09	72.72	44.01	73.80
FSMW-14A	119-129	2	118.39	117.16	43.50	73.66	43.53	73.63	44.14	73.02	43.90	73.26
FSMW-14B	159-169	2	118.57	117.36	43.83	73.53	43.92	73.44	44.46	72.90	43.57	73.79
FSMW-14C	239-249	2	118.42	117.19	43.78	73.41	43.77	73.42	44.25	72.94	43.44	73.75
FSMW-19A	70-80	2	NA	120.32	46.03	74.29	45.89	74.43	46.35	73.97	45.62	74.70
FSMW-19B	120-130	2	NA	120.22	45.92	74.30	45.75	74.47	46.28	73.94	45.57	74.65
FSMW-19C	170-180	2	NA	120.17	46.18	73.99	46.09	74.08	46.58	73.59	45.85	74.32
FSMW-19D	223-233	2	NA	120.60	46.87	73.73	46.52	74.08	46.91	73.69	46.23	74.37

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)	9/21/2020		8/30/2021		8/30/2022	
					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	49.01	71.06	NM	NM
EX-1B	100-150	6	NA	119.74	NM	NM	46.75	72.99	NM	NM
EX-1C	150-200	6	NA	119.77	NM	NM	47.78	71.99	NM	NM
EX-1D	200-240	6	NA	120.05	NM	NM	56.07	63.98	NM	NM
LRF-1	50-70	4	126.91	125.65	50.67	74.98	49.61	76.04	51.85	73.80
FSMW-1A	58-68	2	127.29	126.03	50.84	75.19	49.76	76.27	52.03	74.00
FSMW-1B	117-127	2	127.34	125.97	51.02	74.95	50.13	75.84	52.26	73.71
FSMW-2A	60-70	4	126.33	124.74	49.69	75.05	48.68	76.06	51.54	73.20
FSMW-2B	114-124	2	126.04	125.05	50.22	74.83	49.01	76.04	51.85	73.20
FSMW-3A	60-70	2	127.45	126.15	51.21	74.94	50.16	75.99	52.65	73.50
FSMW-3B	135-145	2	127.53	126.23	51.53	74.70	50.13	76.10	52.89	73.34
FSMW-4A	60-70	2	125.25	123.95	49.19	74.76	48.24	75.71	50.75	73.20
FSMW-4B	137-147	2	124.86	123.57	48.97	74.60	47.65	75.92	51.61	71.96
FSMW-5A	60-70	2	119.30	118.05	43.71	74.34	42.58	75.47	45.29	72.76
FSMW-5B	130-140	2	119.19	117.99	46.78	71.21	42.27	75.72	45.35	72.64
FSMW-6A	59-69	2	120.44	119.17	45.75	73.42	43.56	75.61	46.77	72.40
FSMW-6B	137-147	2	120.61	119.36	45.61	73.75	44.06	75.30	47.13	72.23
FSMW-7A	60-70	2	122.46	121.26	47.38	73.88	47.79	73.47	48.89	72.37
FSMW-7B	136-146	2	122.68	121.44	47.92	73.52	46.33	75.11	49.35	72.09
FSMW-8A	64-74	2	122.95	121.64	47.28	74.36	47.93	73.71	49.08	72.56
FSMW-8B	132-142	2	123.07	121.75	47.48	74.27	46.11	75.64	49.50	72.25
FSMW-8C	170-180	2	NA	121.43	47.53	73.90	46.11	75.32	48.87	72.56
FSMW-8D	223-233	2	NA	121.65	47.78	73.87	46.36	75.29	49.07	72.58
FSMW-9A	60-70	2	125.40	124.10	49.55	74.55	48.38	75.72	51.81	72.29
FSMW-9B	137-147	2	125.28	123.91	49.43	74.48	48.14	75.77	51.70	72.21
FSMW-10A	60-70	2	124.87	123.59	48.88	74.71	NM	NM	NM	NM
FSMW-10B	137-147	2	125.02	123.68	49.12	74.56	NM	NM	NM	NM
FSMW-11	139-149	2	120.80	119.34	45.28	74.06	43.78	75.56	46.74	72.45
FSMW-12	139-149	2	122.55	121.30	47.76	73.54	46.19	75.11	49.25	72.05
FSMW-13A	69-79	2	119.25	118.00	44.38	73.62	42.66	75.34	46.04	71.96
FSMW-13B	119-129	2	119.18	117.94	44.41	73.53	42.73	75.21	46.05	71.89
FSMW-13C	239-249	2	119.07	117.81	44.74	73.07	43.21	74.60	46.28	71.53
FSMW-14A	119-129	2	118.39	117.16	43.74	73.42	42.01	75.15	45.34	71.82
FSMW-14B	159-169	2	118.57	117.36	44.10	73.26	42.45	74.91	45.67	71.69
FSMW-14C	239-249	2	118.42	117.19	44.12	73.07	42.59	74.60	45.64	71.55
FSMW-19A	70-80	2	NA	120.32	45.95	74.37	44.56	75.76	47.53	72.79
FSMW-19B	120-130	2	NA	120.22	45.91	74.31	44.51	75.71	47.79	72.43
FSMW-19C	170-180	2	NA	120.17	46.46	73.71	44.98	75.19	47.77	72.40
FSMW-19D	223-233	2	NA	120.60	46.83	73.77	47.38	73.22	48.13	72.47

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 - First and Third Quarter 2022

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	LRF-1 09/01/2022 45-65 feet bgs µg/L		LRF-1 02/18/2022 45-65 feet bgs µg/L		FSMW-1A 08/31/2022 58-68 feet bgs µg/L		FSMW-2A 08/31/2022 60-70 feet bgs µg/L		FSMW-3A 09/01/2022 60-70 feet bgs µg/L		FSMW-4A 08/31/2022 60-70 feet bgs µg/L		FSMW-4A 08/31/2022 60-70 feet bgs µg/L		FSMW-4B 08/31/2022 137-147 feet bgs µg/L		FSMW-6B 08/31/2022 137-147 feet bgs µg/L		FSMW-8A 08/31/2022 64-74 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	UJ	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	UJ	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.26	U	0.26	UJ	0.26	U	0.26	U	0.26	U	0.26	UJ	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	UJ	0.26	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	UJ	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	UJ	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NE	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	50	6.6		4.4	U	4.4	U	4.4	U	4.4	U	4.4	UJ	4.4	U	4.4	U	4.4	U	4.4	5.4
Benzene	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	UJ	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	UJ	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	UJ	0.55	U	0.55	U	0.55	U	0.55	U
Carbon Disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	UJ	0.82	U	0.82	U	0.82	U	0.82	U
Carbon Tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	UJ	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	UJ	0.38	U	0.38	U	0.38	U	0.38	U
Bromochloromethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	UJ	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	UJ	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	UJ	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	UJ	0.4	U	0.4	U	0.4	U	0.4	U
Cis-1,2-Dichloroethene	5	14		14		2.7		10		9.3		0.22	UJ	0.22	U	0.22	U	1.2		0.62	J
Cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	UJ	0.22	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	UJ	0.3	U	0.3	U	0.3	U	0.3	U
Methylene Chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	UJ	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	UJ	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	130		100		23		240		47		23	J-	24		2		4.1		4.5	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	UJ	0.38	U	0.38	U	0.38	U	0.38	U
Trans-1,2-Dichloroethene	5	0.29	J	0.27	J	0.24	U	0.24	U	0.24	U	0.24	UJ	0.24	U	0.24	U	0.24	U	0.24	U
Trans-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	UJ	0.22	U	0.22	U	0.22	U	0.22	U
Trichloroethene	5	16		18		3.7		11		9.6		0.66	J-	0.4	J	0.31	U	1.2		0.31	U
Vinyl Chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	UJ	0.17	U	0.17	U	0.17	U	0.17	U
Total Xylenes	5	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	UJ	0.65	U	0.65	U	0.65	U	0.65	U

Table 3
Groundwater Monitoring Results - First and Third Quarter 2022

Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	FSMW-14A 02/17/2022 119-129 feet bgs µg/L	FSMW-14B 08/30/2022 159-169 feet bgs µg/L	FSMW-14B 02/17/2022 159-169 feet bgs µg/L	FSMW-14C 08/30/2022 239-249 feet bgs µg/L	FSMW-14C 02/17/2022 239-249 feet bgs µg/L
Analyte						
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26
1,1-Dichloroethene	5	0.26	U	0.5	J	0.26
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9
2-Hexanone	50	1.1	U	1.1	U	1.1
4-Methyl-2-Pentanone (MIBK)	NE	1.3	U	1.3	U	1.3
Acetone	50	4.4	U	4.4	U	4.4
Benzene	1	0.2	U	0.28	J	0.2
Bromodichloromethane	50	0.34	U	0.34	U	0.34
Bromoform	50	0.54	U	0.54	U	0.54
Bromomethane	5	0.55	U	0.55	U	0.55
Carbon Disulfide	60	0.82	U	0.82	U	0.82
Carbon Tetrachloride	5	0.21	U	0.21	U	0.49
Chlorobenzene	5	0.38	U	0.38	U	0.38
Bromochloromethane	5	0.41	U	0.41	U	0.41
Chloroethane	5	0.32	U	0.32	U	0.32
Chloroform	7	0.33	U	0.33	U	0.51
Chloromethane	5	0.4	U	0.4	U	0.4
Cis-1,2-Dichloroethene	5	1		0.67	J	0.22
Cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22
Ethylbenzene	5	0.3	U	0.3	U	0.3
Methylene Chloride	5	0.32	U	0.32	U	0.32
Styrene	5	0.42	U	0.42	U	0.42
Tetrachloroethene	5	45		210	32	1.1
Toluene	5	0.38	U	0.38	U	0.38
Trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24
Trans-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22
Trichloroethene	5	2.4		5.6	1.1	7.3
Vinyl Chloride	2	0.17	U	0.17	U	0.17
Total Xylenes	5	0.65	U	0.65	U	0.65

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)	2022				2021				2020		2019		2018		2016		2015	
Sample Location:		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1	
Sample Date:		Sep-2022		Feb-2022		Aug-2021		Feb-2021		Sep-2020		Jun-2019		Mar-2018		Dec-2016		Oct-2015	
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	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	1.0	U	1.0	U	11	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	1.0	U	1.0	UJ	7.5	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U	1.0	U	1.0	U	9.5	U
1,1-Dichloroethane	5	0.26	U	0.26	UJ	0.26	U	0.26	U	0.26	U	0.26	U	1.0	U	1.0	U	8.5	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	1.0	U	1.0	U	13	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	1.0	U	1.0	U	4.2	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	1.0	U	1.0	U	8.5	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.0	U	1.0	UJ	7.5	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.0	U	1.0	U	9.0	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.0	U	1.0	U	8.5	U
Acetone	50	6.6		4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	12	U	1.0	UJ	9.5	U
Benzene	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	1.0	U	1.0	U	8.0	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	1.0	U	1.0	U	7.5	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	1.0	U	1.0	U	25	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	1.0	U	1.0	U	22	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	1.0	U	1.0	U	11	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	1.0	U	1.0	U	10	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	1.0	U	1.0	U	8.0	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	1.0	U	1.0	U	8.5	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	1.0	U	1.0	U	13	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	1.0	U	1.0	U	9.5	U
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	UJ	1.0	U	1.0	UJ	12	U
cis-1,2-Dichloroethene	5	14		14		21		55		11		1.7		120		67	J	36	J
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	1.0	U	1.0	U	7.0	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	1.0	U	1.0	U	8.0	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	4.5	U	1.0	U	6.5	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	1.0	U	1.0	U	8.5	U
Tetrachloroethene	5	130		100		94		280		86		210		930		800		320	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	1.0	U	1.0	U	8.0	U
trans-1,2-Dichloroethene	5	0.29	J	0.27	J	0.38	J	0.28	J	0.24	U	0.24	U	1.0	U	1.0	U	9.5	U
trans-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.49	U	1.0	U	1.0	U	8.0	U
Trichloroethene	5	16		18		17		49		11		5.8		100		87	J	48	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	1.0	U	1.0	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	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	1.0	U	1.0	U	4.1	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014		2013				2012		2010		2009		2008		2007		2006	
Sample Location:		LRF-1		LRF-1		LRF-1 - Duplicate		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1		LRF-1	
Sample Date:		Oct-2014		Oct-2013		Oct-2013		Nov-2012		Sep-2010		Sep-2009		Sep-2008		Aug-2007		Aug-2006	
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	2.1	U	2.1	U	2.1	U	2.1	U	0.21	J	0.10	U	0.10	U	1.6	J	100	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	100	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	100	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	100	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	UJ	0.10	U	0.10	U	0.10	U	0.10	U	100	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	100	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	100	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	100	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	100	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	100	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.4	J	0.10	U*	0.10	U	0.10	U	100	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	100	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	100	U
Bromoform	50	5.0	UJ	5.0	U	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Bromomethane	5	4.3	U	4.3	UJ	4.3	UJ	4.3	UJ	0.10	U	0.10	U	0.10	U	0.10	U	100	UJ
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	100	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	100	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	100	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	100	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	100	UJ
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	100	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	100	U
cis-1,2-Dichloroethene	5	30		1.8	U	1.8	U	1.8	U	0.17	J	0.16	J	0.10	U	0.10	U	100	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	100	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	100	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.22	JB	0.40	JB	0.10	U	0.10	U	100	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	100	U
Tetrachloroethene	5	600	D	4.9	J	5.1	J	7.7	J	33		210		220		710	J	890	
Toluene	5	1.6	U	1.6	U	1.6	U	2.0	J	0.10	U	0.10	U	0.10	U	0.10	U	100	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	100	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	100	U
Trichloroethene	5	130		1.9	U	1.9	U	1.9	U	2.8	J	24		37		73		33	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	100	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	100	U	82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2022		2021		2020				2019								2018	
Sample Location:		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
Sample Date:		Aug-2022		Aug-2021		Sep-2020		Mar-2020		Dec-2019		Sep-2019		Jun-2019		Mar-2019		Dec-2018	
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	0.24	U	0.24	U	0.24	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	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.12	U	0.12	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	11	J+	1.9	U	1.9	U	1.9	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	2.9	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	2.7	U	2.7	U
Acetone	50	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	5	U	5	U
Benzene	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.54	U	0.54	U	0.54	UJ	0.54	U	0.54	UJ	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	1	U	1	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.16	U	0.16	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	UJ	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.14	U	0.14	UJ
cis-1,2-Dichloroethene	5	2.7		0.47	J	0.62	J	1.7		2.1		3.3		19		34		80	
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.46	U	0.46	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	23		16		36		38		54		88		160		340		240	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.42	J	0.71	J	0.24	U
trans-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	3.7		2		2.7		4.4		6.4		11		28		57		54	
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	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	0.65	U	0.65	U	0.65	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												
Sample Location:		FSMW-1A Sep-2018 58-68 feet bgs (µg/L)		FSMW-1A Jun-2018 58-68 feet bgs (µg/L)		FSMW-1A Mar-2018 58-68 feet bgs (µg/L)		FSMW-1A Dec-2017 58-68 feet bgs (µg/L)		FSMW-1A Sep-2017 58-68 feet bgs (µg/L)		FSMW-1A - Duplicate Sep-2017 58-68 feet bgs (µg/L)		FSMW-1A Jun-2017 58-68 feet bgs (µg/L)		FSMW-1A Mar-2017 58-68 feet bgs (µg/L)		FSMW-1A - Duplicate Mar-2017 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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2016										2015							
Sample Location:		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A - Duplicate		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A	
Sample Date:		Dec-2016		Sep-2016		Jul-2016		Jul-2016		Apr-2016		Dec-2015		Sep-2015		Jul-2015		Mar-2015	
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	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 Dec-2014 58-68 feet bgs (µg/L)		FSMW-1A Oct-2014 58-68 feet bgs (µg/L)		FSMW-1A Jun-2014 58-68 feet bgs (µg/L)		FSMW-1A Mar-2014 58-68 feet bgs (µg/L)		FSMW-1A Oct-2013 58-68 feet bgs (µg/L)		FSMW-1A Jul-2013 58-68 feet bgs (µg/L)		FSMW-1A Nov-2012 58-68 feet bgs (µg/L)		FSMW-1A Jul-2012 58-68 feet bgs (µg/L)		FSMW-1A - Duplicate Jul-2012 58-68 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
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	1.6	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		FSMW-1A		2011		FSMW-1A		2010		FSMW-1A		FSMW-1A		2009			
Sample Location:		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A		FSMW-1A					
Sample Date:		Apr-2012		Dec-2011		Jul-2011		Mar-2011		Dec-2010		Sep-2010		Jun-2010					
Screen Interval: Units:		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)		58-68 feet bgs (µg/L)		58-68 feet bgs (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-2009		Sep-2009		Jun-2009		Mar-2009		Dec-2008		Sep-2008		Jun-2008		Mar-2008	
Screen Interval: Units:		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)		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	0.40	J	0.54	J	0.10	U	0.10	U	0.10	U	0.93	J	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
Tetrachloroethene	5	30		56		63		75	B	71		51		190		250	
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
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
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
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	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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	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 Dec-2007 58-68 feet bgs (µg/L)		FSMW-1A Aug-2007 58-68 feet bgs (µg/L)		FSMW-1A May-2007 58-68 feet bgs (µg/L)		FSMW-1A Feb-2007 58-68 feet bgs (µg/L)		FSMW-1A Nov-2006 58-68 feet bgs (µg/L)		FSMW-1A Aug-2006 58-68 feet bgs (µg/L)		FSMW-1B Jun-2019 117-127 feet bgs (µg/L)		FSMW-1B Mar-2018 117-127 feet bgs (µg/L)		FSMW-1B Dec-2016 117-127 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
Analyte																			
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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2015		2014		2013		2012				2010		2009		2008		2007	
Sample Location:		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B - Duplicate		FSMW-1B		FSMW-1B		FSMW-1B		FSMW-1B	
Sample Date:		Sep-2015		Oct-2014		Oct-2013		Nov-2012		Nov-2012		Sep-2010		Sep-2009		Sep-2008		Aug-2007	
Screen Interval: Units:		117-127 feet bgs (µg/L)		117-127 feet bgs (µg/L)		117-127 feet bgs (µg/L)		117-127 feet bgs (µg/L)		117-127 feet bgs (µg/L)		117-127 feet bgs (µg/L)		117-127 feet bgs (µg/L)		117-127 feet bgs (µg/L)		117-127 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	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		2022		2021		2020						2019					
Sample Location:		FSMW-1B		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A	
Sample Date:		Aug-2006		Aug-2022		Aug-2021		Sep-2020		Sep-2020		Mar-2020		Dec-2019		Sep-2019		Jun-2019	
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)		60-70 feet bgs (µg/L)		60-70 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	10	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.48	U	0.48	U	0.48	U
1,1,2,2-Tetrachloroethane	5	10	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.73	U	0.73	U	0.73	U
1,1,2-Trichloroethane	1	10	U	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U	0.87	U	0.87	U	0.87	U
1,1-Dichloroethane	5	10	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.53	U	0.53	U	0.53	U
1,1-Dichloroethene	5	10	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.53	U	0.53	U	0.53	U
1,2-Dichloroethane	0.6	10	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.86	U	0.86	U	0.86	U
1,2-Dichloropropane	1	10	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.71	U	0.71	U	0.71	U
2-Butanone (MEK)	50	10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	3.7	U	3.7	U	3.7	U
2-Hexanone	50	10	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	2.3	U	2.3	U	2.3	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	2.6	U	2.6	U	2.6	U
Acetone	50	10	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	15		8.8	U	8.8	U
Benzene	1	10	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.41	U	0.41	U	0.41	U
Bromodichloromethane	50	10	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.69	U	0.69	U	0.69	U
Bromoform	50	10	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	1.1	UJ	1.1	U	1.1	U
Bromomethane	5	10	UJ	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	1.1	U	1.1	U	1.1	U
Carbon disulfide	60	10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	1.6	U	1.6	U	1.6	U
Carbon tetrachloride	5	10	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.42	UJ	0.42	U	0.42	U
Chlorobenzene	5	10	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.75	U	0.75	U	0.75	U
Chlorobromomethane	5	10	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.82	U	0.82	U	0.82	U
Chloroethane	5	10	UJ	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.64	U	0.64	U	0.64	U
Chloroform	7	10	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.65	U	0.65	U	0.65	U
Chloromethane	5	10	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.8	U	0.8	U	0.8	U
cis-1,2-Dichloroethene	5	10	U	10		6.6		0.22	U	0.22	U	18		30		20		23	
cis-1,3-Dichloropropene	0.4	10	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.44	U	0.44	U	0.44	U
Ethylbenzene	5	10	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.6	U	0.6	U	0.6	U
Methylene chloride	5	10	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.63	U	0.63	U	0.63	U
Styrene	5	10	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.83	U	0.83	U	0.83	U
Tetrachloroethene	5	17		240		130		34		34		200		800		650		560	
Toluene	5	10	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.76	U	0.76	U	0.76	U
trans-1,2-Dichloroethene	5	10	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.76	J	0.47	U	0.47	U
trans-1,3-Dichloropropene	0.4	10	U	0.22	U	0.22	U	0.22	U	0.22	U	0.49	U	0.97	U	0.97	U	0.97	U
Trichloroethene	5	10	U	11		6.1		0.85	J	0.93	J	12		39		24		27	
Vinyl chloride	2	10	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.34	U	0.34	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	0.82	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	1.3	U	1.3	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-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate	
Sample Date:		Mar-2019		Dec-2018		Oct-2018		Oct-2018		Jun-2018		Mar-2018		Dec-2017		Dec-2017	
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)	
Analyte																	
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.48	U	0.48	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	0.73	U	0.73	U	0.37	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.87	U	0.87	U	0.43	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.53	U	0.53	U	0.26	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.12	U	0.12	U	0.23	U	0.23	U	0.12	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.86	U	0.86	U	0.43	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.71	U	0.71	U	0.35	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	1.9	U	1.9	U	3.7	U	3.7	U	1.9	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	2.9	U	2.9	U	5.8	U	5.8	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	5.5	U	5.5	U	2.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	5	U	5	U	10	U	10	U	5	U	0.10	U	0.10	U	0.10	U
Benzene	1	0.43	U	0.43	U	0.86	U	0.86	U	0.43	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	U	0.34	U	0.69	U	0.69	U	0.34	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.54	U	1.1	U	1.1	U	0.54	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	1	U	1	U	2	U	2	U	1	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.16	U	0.16	U	0.31	U	0.31	U	0.16	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.42	U	0.42	U	0.21	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.38	U	0.75	U	0.75	U	0.38	U	0.37	J	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.41	U	0.82	U	0.82	U	0.41	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.32	U	0.64	U	0.64	U	0.32	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.33	U	0.65	U	0.65	U	0.33	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.14	U	0.14	U	0.29	U	0.29	U	0.14	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	28		28		28		27		10		45		10		11	J
cis-1,3-Dichloropropene	0.4	0.46	U	0.46	U	0.91	U	0.91	U	0.46	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	U	0.3	U	0.6	U	0.6	U	0.3	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.32	U	0.32	U	0.63	U	0.63	U	0.32	U	0.43	U	0.10	U	0.10	U
Styrene	5	0.42	U	0.42	U	0.83	U	0.83	U	0.42	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	240		340		350		340		200		450	D	200		190	
Toluene	5	0.38	U	0.38	U	0.76	U	0.76	U	0.38	U	0.10	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.24	U	0.31	J	0.47	U	0.47	U	0.24	U	0.43	J	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.97	U	0.97	U	0.49	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	12		17		19		19		7.9		19		7.9	J	7.8	J
Vinyl chloride	2	0.17	U	0.17	U	0.34	U	0.34	U	0.17	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		0.3	U	NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		0.36	U	NA		NA		NA	
Total Xylenes	5	0.3	U	0.65	U	1.3	U	1.3	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)	2017								2016							
Sample Location:		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2A	
Sample Date:		Sep-2017		Jun-2017		Jun-2017		Mar-2017		Dec-2016		Sep-2016		Jun-2016		Apr-2016	
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)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	1	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane	0.6	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	1	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Butanone (MEK)	50	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
2-Hexanone	50	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Acetone	50	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzene	1	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromodichloromethane	50	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform	50	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromomethane	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon disulfide	60	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon tetrachloride	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobromomethane	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform	7	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5	6.8	J	7.3	J	6.6	J	14	J	25	J	19	J	17	J	26	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylene chloride	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Styrene	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5	170		290		280		550		1,000		840		1,000		1,300	
Toluene	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5	5.7	J	6.9	J	6.5	J	17	J	37	J	32	J	32	J	53	J
Vinyl chloride	2	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.20	U	0.20	U	0.5	U	1.0	U	1.0	U	1.0	U	1.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year: Sample Location: Sample Date: Screen Interval: Units:	NYSDEC Class GA GW Standard ¹ (µg/L)	2015								2014									
		FSMW-2A Dec-2015 60-70 feet bgs (µg/L)		FSMW-2A Oct-2015 60-70 feet bgs (µg/L)		FSMW-2A Jul-2015 60-70 feet bgs (µg/L)		FSMW-2A Mar-2015 60-70 feet bgs (µg/L)		FSMW-2A Dec-2014 60-70 feet bgs (µg/L)		FSMW-2A Sep-2014 60-70 feet bgs (µg/L)		FSMW-2A - Duplicate Sep-2014 60-70 feet bgs (µg/L)		FSMW-2A Jun-2014 60-70 feet bgs (µg/L)		FSMW-2A - Duplicate Jun-2014 60-70 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	42	U	210	U	10	U	110	U	110	U	110	U	110	U	110	U
1,1,2,2-Tetrachloroethane	5	0.10	U	30	U	150	U	10	U	75	U	75	U	75	U	75	U	75	U
1,1,2-Trichloroethane	1	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U	95	U
1,1-Dichloroethane	5	0.10	U	34	U	170	U	10	UJ	85	U	85	U	85	U	85	U	85	U
1,1-Dichloroethene	5	0.10	U	50	U	250	U	10	U	130	U	130	U	130	U	130	U	130	U
1,2-Dichloroethane	0.6	0.10	U	17	U	83	U	10	UJ	42	U	42	U	42	U	42	U	42	U
1,2-Dichloropropane	1	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U	85	U
2-Butanone (MEK)	50	0.10	U	30	U	150	U	10	U	75	UJ	75	U	75	U	75	U	75	U
2-Hexanone	50	0.10	U	36	U	180	U	10	U	90	UJ	90	U	90	U	90	U	90	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U	85	U
Acetone	50	0.10	UJ	38	U	190	U	10	U	95	UJ	95	U	95	U	95	U	95	U
Benzene	1	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U
Bromodichloromethane	50	0.10	U	30	U	150	U	10	U	75	U	75	U	75	U	75	U	75	U
Bromoform	50	0.10	U	100	U	500	U	10	U	250	U	250	U	250	UJ	250	U	250	U
Bromomethane	5	0.10	U	86	U	430	U	10	U	220	U	220	U	220	U	220	U	220	U
Carbon disulfide	60	0.10	U	42	U	210	U	10	U	110	U	110	U	110	U	110	U	110	U
Carbon tetrachloride	5	0.10	U	40	U	200	U	10	U	100	U	100	U	100	U	100	U	100	U
Chlorobenzene	5	0.43	J	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U
Chlorobromomethane	5	0.10	U	34	U	170	U	10	U	85	U	85	U	85	U	85	U	85	U
Chloroethane	5	0.10	U	50	U	250	U	10	U	130	U	130	U	130	U	130	U	130	U
Chloroform	7	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U	95	U
Chloromethane	5	0.10	U	46	U	230	U	10	U	120	U	120	U	120	U	120	U	120	U
cis-1,2-Dichloroethene	5	37		38	J	180	U	140		290	J	180	J	200	J	130	J	140	J
cis-1,3-Dichloropropene	0.4	0.10	U	28	U	140	U	10	U	70	U	70	U	70	U	70	U	70	U
Ethylbenzene	5	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U
Methylene chloride	5	0.10	UJ	26	U	130	U	10	U	65	U	65	U	65	U	65	U	120	J
Styrene	5	0.10	U	34	U	170	U	10	U	75	U	85	U	85	U	85	U	85	U
Tetrachloroethene	5	1,200	D	2,000		8,100		5,400		14,000	D	6,200		5,700		7,000		7,400	
Toluene	5	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U
trans-1,2-Dichloroethene	5	0.10	U	38	U	190	U	10	U	95	U	95	U	95	U	95	U	95	U
trans-1,3-Dichloropropene	0.4	0.10	U	32	U	160	U	10	U	80	U	80	U	80	U	80	U	80	U
Trichloroethene	5	61		61	J	280	J	310		370	J	270	J	280	J	200	J	210	J
Vinyl chloride	2	0.10	U	46	U	230	U	10	U	120	U	120	U	120	U	120	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	16	U	10	U	41	U	41	U	41	U	41	U	41	U	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-2A		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A - Duplicate	
Sample Date:		Mar-2014		Oct-2013		Jul-2013		Jul-2013		Nov-2012		Jul-2012		Apr-2012	
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	210	U	2.1	U	11	U	170	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	150	U	1.5	U	7.5	U	120	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	190	U	1.9	U	9.5	U	150	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	250	U	2.5	U	13	U	200	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	83	U	0.83	U	4.2	U	66	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	150	U	1.5	U	7.5	U	120	U	1.5	U	1.5	U	1.5	U
2-Hexanone	50	180	U	1.8	U	9.0	U	140	U	1.8	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
Acetone	50	190	U	1.9	U	9.5	U	150	U	1.9	U	1.9	U	1.9	U
Benzene	1	160	U	1.6	U	8.0	U	130	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	150	U	1.5	U	7.5	U	120	U	1.5	U	1.5	U	1.5	U
Bromoform	50	500	U	5.0	U	25.0	U	400	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	430	U	4.3	U	22	U	340	U	4.3	U	4.3	U	4.3	U
Carbon disulfide	60	210	U	2.1	U	11	U	170	U	2.1	U	2.1	U	2.1	U
Carbon tetrachloride	5	200	U	2.0	U	10.0	U	160	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	160	U	1.6	U	8.0	U	130	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	250	U	2.5	U	13	U	200	U	2.5	U	2.5	U	2.5	U
Chloroform	7	190	U	1.9	U	9.5	U	150	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	230	U	2.3	U	12	U	180	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	180	U	110		160		140	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	140	U	1.4	U	7.0	U	110	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	160	U	1.6	U	8.0	U	130	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	130	U	1.3	U	6.5	U	100	U	1.3	U	1.3	U	1.3	U
Styrene	5	170	U	1.7	U	8.5	U	140	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	12,000		24,000	D	9,300	D	9,600		780	D	2.3	J	26	
Toluene	5	160	U	1.6	U	8.0	U	130	U	2.3	J	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	190	U	1.9	U	9.5	U	150	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	160	U	1.6	U	8.0	U	130	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	210	J	730	D	620		710	J	51		1.9	U	2.7	U
Vinyl chloride	2	230	U	2.3	U	12	U	180	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	4.1	U	65	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-2A Jul-2011 60-70 feet bgs (µg/L)		FSMW-2A Mar-2011 60-70 feet bgs (µg/L)		FSMW-2A Dec-2010 60-70 feet bgs (µg/L)		FSMW-2A Sep-2010 60-70 feet bgs (µg/L)		FSMW-2A Jun-2010 60-70 feet bgs (µg/L)		FSMW-2A Mar-2010 60-70 feet bgs (µg/L)		FSMW-2A Dec-2009 60-70 feet bgs (µg/L)		FSMW-2A Sep-2009 60-70 feet bgs (µg/L)		FSMW-2A Jun-2009 60-70 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	1.0	U	0.27	J	0.20	U	0.17	J	0.10	U	1.0	U	2.5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,1,2-Trichloroethane	1	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,1-Dichloroethane	5	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,1-Dichloroethene	5	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
1,2-Dichloroethane	0.6	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	8.9	J
1,2-Dichloropropane	1	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
2-Butanone (MEK)	50	1.0	UJ	0.20	UJ	0.20	U	0.10	U	0.10	U*	1.0	U*	2.5	U*	5	U	5	U
2-Hexanone	50	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U*	1.0	U	2.5	U*	5	U	5	U
4-Methyl-2-Pentanone (MIBK)	NC	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Acetone	50	4.1	UJ	0.65	UJ	1.4	JB*	0.55	J	0.10	U*	7.10	JB*	7.1	JB*	5	U	120	JB
Benzene	1	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Bromodichloromethane	50	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Bromoform	50	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Bromomethane	5	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Carbon disulfide	60	1.0	U	1.4	U	0.20	JB	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Carbon tetrachloride	5	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Chlorobenzene	5	1.0	U	0.20	U	0.20	U	0.23	J	0.10	U	1.0	U	2.5	U	5	U	5	U
Chlorobromomethane	5	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Chloroethane	5	1.0	U	0.20	UJ	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Chloroform	7	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Chloromethane	5	1.0	UJ	0.20	U	0.20	U	0.10	U*	0.10	U	1.0	U	2.5	U	5	U	5	U
cis-1,2-Dichloroethene	5	21	J	150		73		70		0.10	U	56.00	J	16	J	13		5	U
cis-1,3-Dichloropropene	0.4	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Ethylbenzene	5	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Methylene chloride	5	32	U	2.2	U	4.3	JB	0.19	JB	0.27	JB	9.0	JB	14.0	JB	110	JB	74	JB
Styrene	5	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Tetrachloroethene	5	13,000	D	13,000	D	2,500		14,000	B	700		14,000		2,900		7,700		7,600	
Toluene	5	1.0	U	0.20	U	0.20	U	0.18	J	0.10	U	1.0	U	2.5	U	5		5	U
trans-1,2-Dichloroethene	5	1.3	J	2.8	J	0.76	J	1.5	J	0.10	U	1.0	U	2.5	U	5	U	5	U
trans-1,3-Dichloropropene	0.4	1.0	U	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U
Trichloroethene	5	390		600	D	150		350	J	10		440		76	J	230		190	J
Vinyl chloride	2	1.0	U	0.20	U	0.20	U	0.10	U*	0.10	U	1.0	U	2.5	U	5	U	5	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.20	U	0.20	U	0.10	U	0.10	U	1.0	U	2.5	U	5	U	5	U	100	U

Table 4
Historical Groundwater Monitoring Results

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

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007				2006				2020		2019					
Sample Location:		FSMW-2A - Duplicate		FSMW-2A		FSMW-2A		FSMW-2A		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B	
Sample Date:		May-2007		Feb-2007		Nov-2006		Aug-2006		Mar-2020		Dec-2019		Sep-2019		Jun-2019	
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)		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	1,000	U	200	U	10	UJ	200	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	1,000	U	200	U	10	UJ	200	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	1,000	U	200	U	10	UJ	200	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	1,000	U	200	U	10	UJ	200	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	1,000	U	200	U	10	UJ	200	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	1,000	U	200	U	10	UJ	200	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	1,000	U	200	U	10	UJ	200	U	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	1,000	U	200	U	10	UJ	200	U	1.9	U	1.9	U	8.6	J+	1.9	U
2-Hexanone	50	1,000	U	200	U	10	UJ	200	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	1,000	U	200	U	10	UJ	200	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	50	1,000	UJ	200	U	10	UJ	200	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	1	1,000	U	200	U	10	UJ	200	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	1,000	U	200	U	10	UJ	200	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	1,000	U	200	U	10	UJ	200	U	0.54	U	0.54	UJ	0.54	UJ	0.54	U
Bromomethane	5	1,000	U	200	U	10	UJ	200	U	0.55	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	60	1,000	U	200	U	10	UJ	200	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	5	1,000	U	200	U	10	UJ	200	U	0.21	U	0.21	UJ	0.21	U	0.21	U
Chlorobenzene	5	1,000	U	200	U	0.8	J	200	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	1,000	U	200	U	10	UJ	200	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	1,000	U	200	U	10	UJ	200	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	1,000	U	200	U	10	UJ	200	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	1,000	UJ	200	U	10	UJ	200	U	0.4	U	0.4	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	1,000	U	4.8	J	4	J	200	U	0.22	U	0.22	U	0.22	U	0.22	U
cis-1,3-Dichloropropene	0.4	1,000	U	200	U	10	UJ	200	U	0.22	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	1,000	U	200	U	10	UJ	200	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	1,000	U	200	U	10	UJ	200	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	1,000	U	200	U	10	UJ	200	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	11,000		3,800		4,100	J	2,500		4		3		1.7		1.2	
Toluene	5	1,000	U	200	U	10	UJ	200	U	0.38	U	0.38	U	0.38	U	0.4	J
trans-1,2-Dichloroethene	5	1,000	U	200	U	1	J	200	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	1,000	U	200	U	10	UJ	200	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	220	J	96	J	140	J	53	J	0.31	U	0.31	U	0.31	U	0.31	U
Vinyl chloride	2	1,000	UJ	200	U	10	UJ	200	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	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	200	U	10	UJ	200	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)	2018								2017								2016	
Sample Location:		FSMW-2B Dec-2018		FSMW-2B Sep-2018		FSMW-2B Jun-2018		FSMW-2B Mar-2018		FSMW-2B Dec-2017		FSMW-2B Sep-2017		FSMW-2B Jun-2017		FSMW-2B Mar-2017		FSMW-2B Dec-2016	
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	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	UJ
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	UJ	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	U	0.10	U
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	UJ
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	0.10	U	0.10	U	0.10	UJ	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	0.33	J
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	U	1	U	1	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	0.16	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	UJ	0.41	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.32	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	UJ	0.14	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
cis-1,2-Dichloroethene	5	0.22	U	0.22	U	0.22	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	0.46	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	0.10	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	0.86	J	0.62	J+	0.71	J	1.1	J	1.5	J	0.84	J	1.7	J	1.3	J	1.4	J
Toluene	5	0.38	U	0.38	U	0.38	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.39	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	UJ	0.10	U	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	0.31	U	0.31	U	0.10	U	0.30	J	0.24	J	0.10	U	0.21	J	0.18	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
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	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						2014			
Sample Location:		FSMW-2B Sep-2016		FSMW-2B Jun-2016		FSMW-2B Apr-2016		FSMW-2B Dec-2015		FSMW-2B Oct-2015		FSMW-2B Jul-2015		FSMW-2B Mar-2015		FSMW-2B Dec-2014	
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	
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	0.10	U	0.10	U	0.10	U	0.10	U	2.10	U	2.1	U	0.10	U	2.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	UJ	1.70	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	2.50	U	2.5	U	0.10	U	2.50	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.10	UJ	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	UJ
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	1.80	U	1.8	U	0.10	U	1.80	UJ
4-Methyl-2-Pentanone (MIBK)	NC	0.10	UJ	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U
Acetone	50	0.10	UJ	0.10	UJ	0.10	U	0.10	UJ	1.90	U	1.9	U	0.10	U	1.90	UJ
Benzene	1	0.43	J	0.10	U	0.10	U	0.37	J	1.60	U	1.6	U	1.0		1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	1.50	U	1.5	U	0.10	U	1.50	U
Bromoform	50	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	UJ	0.10	U	0.10	U	0.10	UJ	4.30	U	4.3	U	0.10	U	4.30	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	2.10	U	2.1	U	0.10	U	2.10	U
Carbon tetrachloride	5	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	1.60	U	1.6	U	0.10	U	1.60	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	2.50	U	2.5	U	0.10	U	2.50	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	2.30	U	2.3	U	0.10	U	2.30	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	1.80	U	1.8	U	0.11	J	1.80	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	1.40	U	1.4	U	0.10	U	1.40	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	UJ	1.30	U	1.3	U	0.10	U	1.30	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	1.70	U	1.7	U	0.10	U	1.70	U
Tetrachloroethene	5	1.2	J	2.1	J	2.5	J	3.0		3.6	J	5.8	J	5.4		4.0	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	UJ	0.10	U	1.90	U	1.9	U	0.10	U	1.90	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	1.60	U	1.6	U	0.10	U	1.60	U
Trichloroethene	5	0.10	U	0.16	J	0.10	U	0.20	J	1.90	U	1.9	U	0.19	J	1.90	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	2.30	U	2.3	U	0.10	U	2.30	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.82	U	0.94	J	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-2B Jun-2014		FSMW-2B Mar-2014		FSMW-2B Oct-2013		FSMW-2B - Duplicate Oct-2013		FSMW-2B Jul-2013		FSMW-2B Nov-2012		FSMW-2B Jul-2012		FSMW-2B Apr-2012		FSMW-2B Dec-2011	
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	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	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	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	2.1	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	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	5.1	J	6.1	J	3.5	U	3.7	U	4.2	J	2.7	U	2.8	J	4.7	J	12	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	0.20	J

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2011				2010								2009					
Sample Location:		FSMW-2B Jul-2011		FSMW-2B Mar-2011		FSMW-2B Dec-2010		FSMW-2B Sep-2010		FSMW-2B - Duplicate Sep-2010		FSMW-2B Mar-2010		FSMW-2B Dec-2009		FSMW-2B Sep-2009		FSMW-2B Jun-2009	
Sample Date:		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)		114-124 feet bgs (µg/L)	
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	UJ	0.10	UJ	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	0.72	UJ	0.26	UJ	1.1	JB*	0.84	J	0.77	J	0.46	JB*	1.1	JB*	0.4	JB	0.45	JB
Benzene	1	0.96	J	1.2	J	2.2	J	2.3	J	2.4	J	1.3	J	0.43	J	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	0.31	U	0.10	U	0.10	U	0.10	U	0.20	JB	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	UJ	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*	0.12	J	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	0.41	U	0.34	U	0.51	JB	0.19	JB	0.19	JB	0.40	JB	0.51	JB	0.38	JB	0.39	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	3.9	J	13	J	2.3	J	37	J	5.5	J	4.0	J	3.2	J	2.7	J	4.4	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.11	J	0.94	J	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	0.10	U	0.21	J	0.10	U	0.33	J	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*	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	0.29	J	1.4	J	0.79	J	0.78	J	0.68	J	0.30	J	0.10	U	0.10	U	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009		2008								2007					
Sample Location:		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-2B - Duplicate		FSMW-2B		FSMW-2B	
Sample Date:		Mar-2009		Dec-2008		Sep-2008		Jun-2008		Mar-2008		Mar-2008		Dec-2007		Aug-2007	
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	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1,2,2-Tetrachloroethane	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1,2-Trichloroethane	1	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1-Dichloroethane	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1-Dichloroethene	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,2-Dichloroethane	0.6	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,2-Dichloropropane	1	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
2-Butanone (MEK)	50	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
2-Hexanone	50	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
Acetone	50	10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	UJ
Benzene	1	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromodichloromethane	50	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromoform	50	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromomethane	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U
Carbon disulfide	60	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Carbon tetrachloride	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chlorobenzene	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chlorobromomethane	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloroethane	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloroform	7	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloromethane	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	UJ
cis-1,2-Dichloroethene	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
cis-1,3-Dichloropropene	0.4	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Ethylbenzene	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Methylene chloride	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Styrene	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Tetrachloroethene	5	5.1		9.0	J	3.9	J	4.7	J	5.1		4.4	J	13		2.1	J
Toluene	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
trans-1,2-Dichloroethene	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
trans-1,3-Dichloropropene	0.4	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Trichloroethene	5	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Vinyl chloride	2	10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	UJ
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	5	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						2022		2021		2020		2019		2018		2016	
Sample Location:		FSMW-2B		FSMW-2B		FSMW-2B		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A	
Sample Date:		Feb-2007		Nov-2006		Aug-2006		Sep-2022		Aug-2021		Sep-2020		Jun-2019		Mar-2018		Dec-2016	
Screen Interval: Units:		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)		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	10	UJ	10	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	10	U	10	UJ	10	U	0.37	U	0.37	U	0.37	U	0.37	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	10	U	10	UJ	10	U	0.2	U	0.2	U	0.2	U	0.43	U	0.10	U	0.10	U
1,1-Dichloroethane	5	10	U	10	UJ	10	U	0.26	U	0.26	U	0.26	U	0.26	U	0.10	U	0.10	U
1,1-Dichloroethene	5	10	U	10	UJ	10	U	0.26	U	0.26	U	0.26	U	0.26	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	10	U	10	UJ	10	UJ	0.43	U	0.43	U	0.43	U	0.43	U	0.10	U	0.10	U
1,2-Dichloropropane	1	10	U	10	UJ	10	U	0.35	U	0.35	U	0.35	U	0.35	U	0.10	U	0.10	U
2-Butanone (MEK)	50	10	U	10	UJ	10	UJ	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	UJ
2-Hexanone	50	10	U	10	UJ	10	U	1.1	U	1.1	U	1.1	U	1.1	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	10	UJ	10	U	1.3	U	1.3	U	1.3	U	1.3	U	0.10	U	0.10	U
Acetone	50	10	U	10	UJ	10	U	4.4	U	4.4	U	4.4	U	4.4	U	0.10	U	0.10	UJ
Benzene	1	10	U	10	UJ	10	U	0.2	U	0.2	U	0.2	U	0.2	U	0.10	U	0.10	U
Bromodichloromethane	50	10	U	10	UJ	10	U	0.34	U	0.34	U	0.34	U	0.34	U	0.10	U	0.10	U
Bromoform	50	10	U	10	UJ	10	U	0.54	U	0.54	U	0.54	U	0.54	U	0.10	U	0.10	U
Bromomethane	5	10	U	10	UJ	10	U	0.55	U	0.55	U	0.55	U	0.55	U	0.10	U	0.10	U
Carbon disulfide	60	10	U	10	UJ	10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U
Carbon tetrachloride	5	10	U	10	UJ	10	U	0.21	U	0.21	U	0.21	U	0.21	U	0.10	U	0.10	U
Chlorobenzene	5	10	U	10	UJ	10	U	0.38	U	0.38	U	0.38	U	0.38	U	0.10	U	0.10	U
Chlorobromomethane	5	10	U	10	UJ	10	U	0.41	U	0.41	U	0.41	U	0.41	U	0.10	U	0.10	U
Chloroethane	5	10	U	10	UJ	10	U	0.32	U	0.32	U	0.32	U	0.32	U	0.10	U	0.10	U
Chloroform	7	10	U	10	UJ	10	U	0.33	U	0.33	U	0.39	J	0.83	J	0.10	U	0.10	U
Chloromethane	5	10	U	10	UJ	10	U	0.4	U	0.4	U	0.4	U	0.4	U	0.35	J	0.10	UJ
cis-1,2-Dichloroethene	5	10	U	10	UJ	10	U	9.3		5.5		34		120		22		0.75	J
cis-1,3-Dichloropropene	0.4	10	U	10	UJ	10	U	0.22	U	0.22	U	0.22	U	0.22	U	0.10	U	0.10	U
Ethylbenzene	5	10	U	10	UJ	10	U	0.3	U	0.3	U	0.3	U	0.3	U	0.10	U	0.10	U
Methylene chloride	5	10	U	10	UJ	10	U	0.32	U	0.32	U	0.32	U	0.32	U	0.10	U	0.10	U
Styrene	5	10	U	10	UJ	10	U	0.42	U	0.42	U	0.42	U	0.42	U	0.10	U	0.10	U
Tetrachloroethene	5	4.6	J	3	J	10	U	47		9.9		62		210		32		3.5	J
Toluene	5	10	U	10	UJ	10	U	0.38	U	0.38	U	0.38	U	0.38	U	0.75	J	6.4	J
trans-1,2-Dichloroethene	5	10.0	U	10	UJ	10	U	0.24	U	0.24	U	0.27	J	5.1		0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	10	U	10	UJ	10	U	0.22	U	0.22	U	0.22	U	0.49	U	0.10	U	0.10	U
Trichloroethene	5	10	U	10	UJ	10	U	9.6		3.2		16		68		17		0.71	J
Vinyl chloride	2	10	U	10	UJ	10	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		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	0.65	U	0.65	U	0.65	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2015		2014		2013		2012		2010		2009		2008		2007		2006	
Sample Location:		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A		FSMW-3A	
Sample Date:		Sep-2015		Oct-2014		Oct-2013		Nov-2012		Sep-2010		Sep-2009		Sep-2008		Aug-2007		Aug-2006	
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	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	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	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	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Bromomethane	5	4.30	U	4.3	U	4.3	UJ	4.3	UJ	0.10	U	0.10	U	0.10	U	0.10	U	200	U
Carbon disulfide	60	2.10	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-2019		Mar-2018		Dec-2016		Sep-2015		Oct-2014		Oct-2013		Sep-2010		Sep-2009		Sep-2008	
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	
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	0.10	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	UJ	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	UJ	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	UJ	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	UJ	2.30	U	2.3	U	2.3	U	0.18	J*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.22	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		2022				2021				2020			
Sample Location:		FSMW-3B - Duplicate		FSMW-3B		FSMW-3B		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A	
Sample Date:		Sep-2008		Aug-2007		Aug-2006		Aug-2022		Aug-2022		Aug-2021		Aug-2021		Sep-2020		Mar-2020	
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	UJ	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	UJ	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	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U
1,1-Dichloroethane	5	0.10	U	0.10	U	10	U	0.26	UJ	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	UJ	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	10	U	0.43	UJ	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	UJ	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	UJ	1.9	U	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	UJ	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U	1.3	UJ	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	50	0.10	U*	0.10	U	10	U	4.4	UJ	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	1	0.10	U	0.10	U	10	U	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.10	U	0.10	U	10	U	0.34	UJ	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	UJ	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	60	0.10	U	0.10	U	10	U	0.82	UJ	0.82	U	0.82	U	0.82	U	0.82	U	0.82	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	UJ	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	UJ	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	UJ	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	UJ	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	UJ	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	0.22	UJ	0.22	U	0.98	J	1.1		0.22	U	0.31	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	0.22	UJ	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	0.10	U	0.10	U	10	U	0.3	UJ	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	UJ	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	UJ	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	23	J-	24		65		64		17		12	
Toluene	5	0.10	U	0.10	U	10	U	0.38	UJ	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	UJ	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	0.22	UJ	0.22	U	0.22	U	0.22	U	0.22	U	0.49	U
Trichloroethene	5	0.54	J	0.10	U	10	U	0.66	J-	0.4	J	2		2		0.31	U	0.31	U
Vinyl chloride	2	0.10	U	0.10	U	10	U	0.17	UJ	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	UJ	0.65	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							
Sample Location:		FSMW-4A Dec-2019 60-70 feet bgs (µg/L)		FSMW-4A Sep-2019 60-70 feet bgs (µg/L)		FSMW-4A Jun-2019 60-70 feet bgs (µg/L)		FSMW-4A Mar-2019 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Mar-2019 60-70 feet bgs (µg/L)		FSMW-4A Dec-2018 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Dec-2018 60-70 feet bgs (µg/L)		FSMW-4A Sep-2018 60-70 feet bgs (µg/L)		FSMW-4A Jun-2018 60-70 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	1.9	U	10	J+	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U
Acetone	50	4.4	U	5.4		8.9		5	U	5	U	5	U	5	U	5	U	5	U
Benzene	1	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.54	UJ	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	1	U	1	U	1	U	1	UJ	1	U	1	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
Carbon tetrachloride	5	0.21	UJ	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.14	U	0.14	U	0.14	UJ	0.14	UJ	0.14	U	0.14	U
cis-1,2-Dichloroethene	5	0.22	U	0.51	J	0.31	J	0.22	U	0.22	U	0.66	J	0.66	J	0.4	J	3.7	
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	25		28		32	J-	54		53		20		20		51		57	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	0.46	J	0.46	J	0.33	J	0.36	J	0.4	J	0.31	U	0.31	U	0.49	J	0.92	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		0.3	U
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		0.36	U
Total Xylenes	5	0.65	U	0.65	U	0.65	U	0.3	U	0.3	U	0.65	U	0.65	U	0.65	U	NA	

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018				2017										2016			
Sample Location:		FSMW-4A Mar-2018 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Mar-2018 60-70 feet bgs (µg/L)		FSMW-4A Dec-2017 60-70 feet bgs (µg/L)		FSMW-4A Sep-2017 60-70 feet bgs (µg/L)		FSMW-4A Jun-2017 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Jun-2017 60-70 feet bgs (µg/L)		FSMW-4A Mar-2017 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Mar-2017 60-70 feet bgs (µg/L)		FSMW-4A Dec-2016 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	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	UJ
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	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	0.10	U	1.70	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	UJ	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	UJ
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.57	J	0.57	J	5.6	J	5.6	J	4.4	J	4.1	J	9.4	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	0.10	U	0.37	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	54		49		48		81		52		49		69		68		94	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.16	J	0.10	U	0.10	U	0.76	J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	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	0.62	J	0.73	J	0.44	J	5.3	J	5.9	J	6.0	J	0.60	J	0.57	J	4.8	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	J	0.10	J	1.1	J	1.1	J	1.30	J	1.10	J	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	UJ	0.10	UJ	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2016												2015					
Sample Location:	NYSDEC	FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A	
Sample Date:	Class GA GW	Dec-2016		Sep-2016		Sep-2016		Jun-2016		Jun-2016		Apr-2016		Dec-2015		Dec-2015		Sep-2015	
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	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	420	U
1,1,2,2-Tetrachloroethane	5	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U
1,1,2-Trichloroethane	1	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	380	U
1,1-Dichloroethane	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U
1,1-Dichloroethene	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	500	U
1,2-Dichloroethane	0.6	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	170	U
1,2-Dichloropropane	1	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U
2-Butanone (MEK)	50	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U
2-Hexanone	50	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	360	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U
Acetone	50	0.10	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ	0.50	U	0.10	UJ	0.10	UJ	380	U
Benzene	1	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U
Bromodichloromethane	50	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	300	U
Bromoform	50	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	1000	U
Bromomethane	5	0.10	U	0.20	UJ	0.20	UJ	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	860	U
Carbon disulfide	60	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	420	U
Carbon tetrachloride	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	400	U
Chlorobenzene	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	1.70		1.70		320	U
Chlorobromomethane	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U
Chloroethane	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	500	U
Chloroform	7	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	380	U
Chloromethane	5	0.10	UJ	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	460	U
cis-1,2-Dichloroethene	5	9.8	J	14	J	14	J	15	J	14	J	19	J	80		87		360	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	280	U
Ethylbenzene	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U
Methylene chloride	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	UJ	0.10	UJ	260	U
Styrene	5	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	340	U
Tetrachloroethene	5	97		200		200		300		310		580		7,800	D	7,600	D	28,000	
Toluene	5	0.96	J	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U
trans-1,2-Dichloroethene	5	0.10	U	0.24	J	0.22	J	0.20	U	0.20	U	0.69	J	0.25	J	0.27	J	380	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	320	U
Trichloroethene	5	5.0	J	9.5	J	9.5	J	10	J	9.8	J	12	J	120		120		560	J
Vinyl chloride	2	0.10	U	0.93	J	0.97	J	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	460	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	0.20	U	0.20	U	0.20	U	0.20	U	0.50	U	0.10	U	0.10	U	160	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2015										2014									
Sample Location:		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A		FSMW-4A - Duplicate		FSMW-4A	
Sample Date:		Sep-2015		Jul-2015		Jul-2015		Mar-2015		Mar-2015		Dec-2014		Dec-2014		Sep-2014		Sep-2014		Sep-2014	
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)		60-70 feet bgs (µg/L)	
Analyte																					
1,1,1-Trichloroethane	5	420	U	210	U	210	U	10	U	10	U	110	U	110	U	420	U	210	U		
1,1,2,2-Tetrachloroethane	5	300	U	150	U	150	U	10	U	10	U	75	U	75	U	300	U	150	U		
1,1,2-Trichloroethane	1	380	U	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U		
1,1-Dichloroethane	5	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U		
1,1-Dichloroethene	5	500	U	250	U	250	U	10	U	10	U	130	U	130	U	500	U	250	U		
1,2-Dichloroethane	0.6	170	U	83	U	83	U	10	U	10	U	42	U	42	U	170	U	83	U		
1,2-Dichloropropane	1	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U		
2-Butanone (MEK)	50	300	U	150	U	150	U	10	U	10	U	75	U	75	U	300	U	150	U		
2-Hexanone	50	360	U	180	U	180	U	10	U	10	U	90	U	90	U	360	U	180	U		
4-Methyl-2-Pentanone (MIBK)	NC	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U		
Acetone	50	380	U	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U		
Benzene	1	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U		
Bromodichloromethane	50	300	U	150	U	150	U	10	U	10	U	75	U	75	U	300	U	150	U		
Bromoform	50	1000	U	500	U	500	U	10	U	10	U	250	U	250	U	1,000	U	500	U		
Bromomethane	5	860	U	430	U	430	U	10	U	10	U	220	U	220	U	860	U	430	U		
Carbon disulfide	60	420	U	210	U	210	U	10	U	10	U	110	U	110	U	420	U	210	U		
Carbon tetrachloride	5	400	U	200	U	200	U	10	U	10	U	100	U	100	U	400	U	200	U		
Chlorobenzene	5	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U		
Chlorobromomethane	5	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U		
Chloroethane	5	500	U	250	U	250	U	10	U	10	U	130	U	130	U	500	U	250	U		
Chloroform	7	380	U	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U		
Chloromethane	5	460	U	230	U	230	U	10	U	10	U	120	U	120	U	460	U	230	U		
cis-1,2-Dichloroethene	5	360	U	460	J	470	J	420		420		110	J	110	J	360	U	280	J		
cis-1,3-Dichloropropene	0.4	280	U	140	U	140	U	10	U	10	U	70	U	70	U	280	U	140	U		
Ethylbenzene	5	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U		
Methylene chloride	5	260	U	130	U	130	U	10	U	10	U	65	U	65	U	260	U	130	U		
Styrene	5	340	U	170	U	170	U	10	U	10	U	85	U	85	U	340	U	170	U		
Tetrachloroethene	5	27,000		31,000	D	31,000	D	19,000		19,000		6,800		6,700		27,000		28,000	D		
Toluene	5	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U		
trans-1,2-Dichloroethene	5	380	U	190	U	190	U	10	U	10	U	95	U	95	U	380	U	190	U		
trans-1,3-Dichloropropene	0.4	320	U	160	U	160	U	10	U	10	U	80	U	80	U	320	U	160	U		
Trichloroethene	5	530	J	770	J	760	J	410		370		120	J	110	J	650	J	650	J		
Vinyl chloride	2	460	U	230	U	230	U	10	U	10	U	120	U	120	U	460	U	230	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	10	U	10	U	41	U	41	U	160	U	82	U	410	U		

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014								2013				2012					
Sample Location:		FSMW-4A Jun-2014 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Jun-2014 60-70 feet bgs (µg/L)		FSMW-4A Mar-2014 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Mar-2014 60-70 feet bgs (µg/L)		FSMW-4A Oct-2013 60-70 feet bgs (µg/L)		FSMW-4A Jul-2013 60-70 feet bgs (µg/L)		FSMW-4A Nov-2012 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Nov-2012 60-70 feet bgs (µg/L)		FSMW-4A Jul-2012 60-70 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	1,100	U	1,100	U	840	U	840	U	840	U	1,100	U	84	U	170	U	530	U
1,1,2,2-Tetrachloroethane	5	750	U	750	U	600	U	600	U	600	U	750	U	60	U	120	U	380	U
1,1,2-Trichloroethane	1	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U	480	U
1,1-Dichloroethane	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U
1,1-Dichloroethene	5	1,300	U	1,300	U	1,000	U	1,000	U	1,000	U	1,300	U	100	U	200	U	630	U
1,2-Dichloroethane	0.6	420	U	420	U	330	U	330	U	330	U	420	U	33	U	66	U	210	U
1,2-Dichloropropane	1	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U
2-Butanone (MEK)	50	750	U	750	U	600	U	600	U	600	U	750	U	60	UJ	120	UJ	380	UJ
2-Hexanone	50	900	U	900	U	720	U	720	U	720	UJ	900	U	72	UJ	140	UJ	450	U
4-Methyl-2-Pentanone (MIBK)	NC	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U
Acetone	50	950	U	950	U	760	U	760	U	760	UJ	950	U	76	UJ	150	UJ	480	UJ
Benzene	1	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U
Bromodichloromethane	50	750	U	750	U	600	U	600	U	600	U	750	U	60	U	120	U	380	U
Bromoform	50	2,500	U	2,500	U	2,000	U	2,000	U	2,000	U	2,500	U	200	UJ	400	UJ	1,300	U
Bromomethane	5	2,200	U	2,200	U	1,700	U	1,700	U	1,700	U	2,200	U	170	U	340	U	1,100	U
Carbon disulfide	60	1,100	U	1,100	U	840	U	840	U	840	U	1,100	U	84	U	170	U	530	U
Carbon tetrachloride	5	1,000	U	1,000	U	800	U	800	U	800	U	1,000	U	80	U	160	U	500	U
Chlorobenzene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U
Chlorobromomethane	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U
Chloroethane	5	1,300	U	1,300	U	1,000	U	1,000	U	1,000	UJ	1,300	U	100	U	200	U	630	U
Chloroform	7	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U	480	U
Chloromethane	5	1,200	U	1,200	U	920	U	920	U	920	U	1,200	U	92	U	180	U	580	U
cis-1,2-Dichloroethene	5	900	U	900	U	720	U	720	U	720	U	900	U	170	J	170	J	450	U
cis-1,3-Dichloropropene	0.4	700	U	700	U	560	U	560	U	560	U	700	U	56	U	110	U	350	U
Ethylbenzene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U
Methylene chloride	5	650	U	650	U	520	U	520	U	520	U	650	U	52	U	100	U	330	U
Styrene	5	850	U	850	U	680	U	680	U	680	U	850	U	68	U	140	U	430	U
Tetrachloroethene	5	88,000		92,000		76,000	D	76,000	D	51,000		80,000		62,000	D	69,000	D	66,000	D
Toluene	5	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U
trans-1,2-Dichloroethene	5	950	U	950	U	760	U	760	U	760	U	950	U	76	U	150	U	480	U
trans-1,3-Dichloropropene	0.4	800	U	800	U	640	U	640	U	640	U	800	U	64	U	130	U	400	U
Trichloroethene	5	1,400	J	1,400	J	2,400	J	2,400	J	760	U	950	U	2,100		1,900		1,300	J
Vinyl chloride	2	1,200	U	1,200	U	920	U	920	U	920	U	1,200	U	92	U	180	U	580	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	410	U	330	U	330	U	330	U	410	U	33	U	65	U	200	U	200	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2012				2011								2010			
Sample Location:		FSMW-4A Apr-2012		FSMW-4A - Duplicate Apr-2012		FSMW-4A Dec-2011		FSMW-4A - Duplicate Dec-2011		FSMW-4A Jul-2011		FSMW-4A Apr-2011		FSMW-4A - Duplicate Apr-2011		FSMW-4A Dec-2010	
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)	
Screen Interval: Units:																	
Analyte																	
1,1,1-Trichloroethane	5	530	U	530	U	2.1	U	2.1	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1,2,2-Tetrachloroethane	5	380	U	380	U	1.5	U	1.5	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1,2-Trichloroethane	1	480	U	480	U	1.9	U	1.9	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1-Dichloroethane	5	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1-Dichloroethene	5	630	U	630	U	2.5	U	2.5	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2-Dichloroethane	0.6	210	U	210	U	0.83	U	0.83	U	4.0	U	4.0	U	4.0	U	4.0	U
1,2-Dichloropropane	1	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U	4.0	U
2-Butanone (MEK)	50	380	U	380	U	1.5	UJ	1.5	UJ	4.0	UJ	4.0	UJ	4.0	UJ	4.0	U
2-Hexanone	50	450	U	450	U	1.8	UJ	1.8	UJ	4.0	U	4.0	U	4.0	U	4.0	U
4-Methyl-2-Pentanone (MIBK)	NC	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U	4.0	U
Acetone	50	480	U	480	U	1.9	UJ	1.9	UJ	15	UJ	7.1	UJ	12	UJ	22	JB*
Benzene	1	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U	4.0	U
Bromodichloromethane	50	380	U	380	U	1.5	U	1.5	U	4.0	U	4.0	U	4.0	U	4.0	U
Bromoform	50	1,300	U	1,300	U	5.0	UJ	5.0	UJ	4.0	U	4.0	U	4.0	U	4.0	U
Bromomethane	5	1,100	UJ	1,100	UJ	4.3	U	4.3	U	4.0	U	4.0	U	4.0	U	4.0	U
Carbon disulfide	60	530	U	530	U	2.1	U	2.1	U	4.0	U	31	U	24	U	4.0	JB
Carbon tetrachloride	5	500	U	500	U	2.0	U	2.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Chlorobenzene	5	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	UJ	6.6	J	4.0	U
Chlorobromomethane	5	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U	4.0	U
Chloroethane	5	630	U	630	U	2.5	U	2.5	U	4.0	U	4.0	UJ	4.0	UJ	4.0	U
Chloroform	7	480	U	480	U	1.9	U	1.9	U	4.0	U	4.0	U	4.0	U	4.0	U
Chloromethane	5	580	U	580	U	2.3	U	2.3	U	4.0	U	4.0	U	4.0	U	4.0	U
cis-1,2-Dichloroethene	5	450	U	450	U	110		100		130	J	150	J	160	J	36	J
cis-1,3-Dichloropropene	0.4	350	U	350	U	1.4	U	1.4	U	4.0	U	4.0	U	4.0	U	4.0	U
Ethylbenzene	5	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U	4.0	U
Methylene chloride	5	330	U	330	U	1.3	U	1.3	U	100	U	71	U	89	U	100	JB
Styrene	5	430	U	430	U	1.7	U	1.7	U	4.0	U	4.0	U	4.0	U	4.0	U
Tetrachloroethene	5	35,000		30,000		30,000	D	29,000	D	57,000	D	69,000	D	69,000	D	39,000	
Toluene	5	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U	4.0	U
trans-1,2-Dichloroethene	5	480	U	480	U	1.9	U	1.9	U	4.0	U	4.0	U	4.0	U	4.0	U
trans-1,3-Dichloropropene	0.4	400	U	400	U	1.6	U	1.6	U	4.0	U	4.0	U	4.0	U	4.0	U
Trichloroethene	5	1,100	J	970	J	570	D	560	D	1,300		600		620		390	
Vinyl chloride	2	580	U	580	U	2.3	U	2.3	U	4.0	U	5.0	J	8.1	J	5.0	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	200	U	0.82	U	0.82	U	4.0	U	4.0	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)	2010								2009									
		FSMW-4A Sep-2010 60-70 feet bgs (µg/L)		FSMW-4A Jun-2010 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Jun-2010 60-70 feet bgs (µg/L)		FSMW-4A Mar-2010 60-70 feet bgs (µg/L)		FSMW-4A Dec-2009 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Dec-2009 60-70 feet bgs (µg/L)		FSMW-4A Sep-2009 60-70 feet bgs (µg/L)		FSMW-4A Jun-2009 60-70 feet bgs (µg/L)		FSMW-4A Mar-2009 60-70 feet bgs (µg/L)	
		Analyte																	
1,1,1-Trichloroethane	5	0.36	J	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
1,1,2,2-Tetrachloroethane	5	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
1,1,2-Trichloroethane	1	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
1,1-Dichloroethane	5	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
1,1-Dichloroethene	5	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
1,2-Dichloroethane	0.6	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
1,2-Dichloropropane	1	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
2-Butanone (MEK)	50	0.10	U	2.0	U*	2.0	U*	4.0	U*	10.0	U*	10.0	U*	2.5	U*	50	U	500	U
2-Hexanone	50	0.10	U	2.0	U*	2.0	U*	4.0	U	10.0	U*	10.0	U*	2.5	U*	50	U	500	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Acetone	50	1.6	J	22	JB*	19	JB*	32	JB*	52	JB*	72	JB*	13	JB*	410	JB	10	UJ
Benzene	1	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Bromodichloromethane	50	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Bromoform	50	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Bromomethane	5	0.10	U	3.3	J	3.70	J	4.0	U	10	U	10.0	U	2.5	U	50	U	500	U
Carbon disulfide	60	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Carbon tetrachloride	5	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Chlorobenzene	5	3.1	J	2.0	U	4.6	J	4.0	U	10	U	10.0	U	2.5	U	50	U	500	U
Chlorobromomethane	5	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Chloroethane	5	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Chloroform	7	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Chloromethane	5	0.10	U*	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
cis-1,2-Dichloroethene	5	49		51	J	41	J	110	J	78	J	77	J	150	J	77	J	150	J
cis-1,3-Dichloropropene	0.4	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Ethylbenzene	5	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Methylene chloride	5	0.23	JB	15	JB	18	JB	40	JB	53	JB	48	JB	58	JB	520	JB	500	U
Styrene	5	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Tetrachloroethene	5	38,000	B	24,000		20,000		37,000		9,300		9,100		40,000		42,000		61,000	
Toluene	5	0.24	J	2.0	U	2.2	J	4.0	U	10	U	10.0	U	2.5	U	50	U	500	U
trans-1,2-Dichloroethene	5	0.31	J	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
trans-1,3-Dichloropropene	0.4	0.10	U	2.0	U	2.0	U	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U
Trichloroethene	5	410	J	320		310		560		140	J	130	J	490		280	J	600	
Vinyl chloride	2	3.6	J*	4.3	J	2.6	J	8.7	J	10	U	10.0	U	6.7	J	50	U	500	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	4.0	U	10.0	U	10.0	U	2.5	U	50	U	500	U	50	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-4A Dec-2008 60-70 feet bgs (µg/L)		FSMW-4A Sep-2008 60-70 feet bgs (µg/L)		FSMW-4A - Duplicate Sep-2008 60-70 feet bgs (µg/L)		FSMW-4A Jun-2008 60-70 feet bgs (µg/L)		FSMW-4A Mar-2008 60-70 feet bgs (µg/L)		FSMW-4A Dec-2007 60-70 feet bgs (µg/L)		FSMW-4A Aug-2007 60-70 feet bgs (µg/L)		FSMW-4A May-2007 60-70 feet bgs (µg/L)		FSMW-4A Feb-2007 60-70 feet bgs (µg/L)			
Analyte																					
1,1,1-Trichloroethane	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
1,1,2,2-Tetrachloroethane	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
1,1,2-Trichloroethane	1	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
1,1-Dichloroethane	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
1,1-Dichloroethene	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
1,2-Dichloroethane	0.6	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
1,2-Dichloropropane	1	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
2-Butanone (MEK)	50	50	U	5.0	U	5.0	U	1.0	U	40	U	10	U	0.10	U	2,000	U	2,000	U		
2-Hexanone	50	50	U	5.0	U	5.0	U	1.0	U	40	U	10	U	0.10	U	2,000	U	2,000	U		
4-Methyl-2-Pentanone (MIBK)	NC	50	U*	5.0	U	5.0	U	1.0	U	40	U	10	U	0.10	U	2,000	U	2,000	U		
Acetone	50	50	U	5.0	U	5.0	U	1.0	U	40	U	10	U	0.10	U	2,000	U	2,000	U		
Benzene	1	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Bromodichloromethane	50	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Bromoform	50	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Bromomethane	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Carbon disulfide	60	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Carbon tetrachloride	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Chlorobenzene	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5.5		5.1	J	2,000	U	2,000	U		
Chlorobromomethane	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Chloroethane	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Chloroform	7	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Chloromethane	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
cis-1,2-Dichloroethene	5	230	J	280	J	290	J	92	J	24	J	110		66	J	2,000	U	2,000	U		
cis-1,3-Dichloropropene	0.4	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Ethylbenzene	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Methylene chloride	5	570	JB	240	JB	240	JB	24	JB	40	U	5	U	0.10	U	2,000	U	2,000	U		
Styrene	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Tetrachloroethene	5	54,000		51,000		51,000		55,000		50,000		48,000		46,000		22,000		18,000			
Toluene	5	50	U	5.0	U	5.0	U	1.0	U	40	U	1.5	J	2.0	J	2,000	U	2,000	U		
trans-1,2-Dichloroethene	5	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
trans-1,3-Dichloropropene	0.4	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	U		
Trichloroethene	5	420	J	600		640		260		230	J	600	J	720	J	360	J	280	J		
Vinyl chloride	2	50	U	5.0	U	5.0	U	1.0	U	40	U	5	U	0.10	U	2,000	U	2,000	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	5.0	U	5.0	U	1.0	U	40	U	0.53	J	0.58	J	2,000	U	2,000	U	2.0	J		

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2006				2022		2021		2020				2019					
Sample Location:		FSMW-4A Nov-2006 60-70 feet bgs (µg/L)		FSMW-4A Aug-2006 60-70 feet bgs (µg/L)		FSMW-4B Aug-2022 137-147 feet bgs (µg/L)		FSMW-4B Aug-2021 137-147 feet bgs (µg/L)		FSMW-4B Sep-2020 137-147 feet bgs (µg/L)		FSMW-4B Mar-2020 137-147 feet bgs (µg/L)		FSMW-4B Dec-2019 137-147 feet bgs (µg/L)		FSMW-4B Sep-2019 137-147 feet bgs (µg/L)		FSMW-4B Jun-2019 137-147 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	5	J	2,000	U	0.24	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	10	U	2,000	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	10	U	2,000	U	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	10	U	2,000	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	10	U	2,000	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	10	U	2,000	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	10	U	2,000	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	10	U	2,000	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	10	U	2,000	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	2,000	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.7	J
Acetone	50	10	U	2,000	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	1	10	U	2,000	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	10	U	2,000	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	10	U	2,000	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	10	U	2,000	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	60	10	U	2,000	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	5	10	U	2,000	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	10	U	2,000	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	10	U	2,000	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	10	U	2,000	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	10	U	2,000	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	10	U	2,000	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	71	U	2,000	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
cis-1,3-Dichloropropene	0.4	10	U	2,000	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	0.7	J	2,000	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	10	U	2,000	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	10	U	2,000	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	79,000	U	16,000	U	2	U	6.8	U	2.8	U	5.6	U	3	U	33	U	7.5	U
Toluene	5	4	J	2,000	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.8	J	2,000	U	0.24	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	10	U	2,000	U	0.22	U	0.22	U	0.22	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	1,600	J	420	J	0.31	U	0.41	J	0.88	J	1.1	U	1	U	0.31	U	0.78	J
Vinyl chloride	2	10	U	2,000	U	0.17	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	2,000	U	0.82	U	0.65	U	0.65	U	0.65	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 - Duplicate			FSMW-4B			FSMW-4B			FSMW-4B			FSMW-4B			FSMW-4B		
Sample Date:		Jun-2019			Mar-2019			Dec-2018			Oct-2018			Jun-2018			Dec-2017		
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)		
Analyte																			
1,1,1-Trichloroethane	5	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		0.10	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	
1,1-Dichloroethane	5	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		0.12	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		0.10	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	
2-Butanone (MEK)	50	1.9	U		1.9	U		1.9	U		1.9	U		0.10	U		0.10	U	
2-Hexanone	50	1.1	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		2.7	U		2.7	U		2.7	U		0.10	U		0.10	U	
Acetone	50	4.4	U		5	U		5	U		5	U		1.5	U		0.10	U	
Benzene	1	0.2	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		0.10	U		0.10	U	
Bromoform	50	0.54	U		0.54	U		0.54	U		0.54	U		0.10	U		0.10	U	
Bromomethane	5	0.55	U		1	U		1	U		1	U		0.10	U		0.10	U	
Carbon disulfide	60	0.82	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		0.10	U		0.10	U	
Chlorobenzene	5	0.38	U		0.38	U		0.38	U		0.38	U		0.10	U		0.10	U	
Chlorobromomethane	5	0.41	U		0.41	U		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		0.10	U		0.10	U	
Chloroform	7	0.33	U		0.33	U		0.33	U		0.33	U		0.10	U		0.10	U	
Chloromethane	5	0.4	U		0.14	U		0.14	U		0.14	U		0.10	U		0.10	U	
cis-1,2-Dichloroethene	5	0.22	U		0.3	J		0.22	U		0.22	U		0.10	U		0.10	U	
cis-1,3-Dichloropropene	0.4	0.22	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		0.10	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	
Styrene	5	0.42	U		0.42	U		0.42	U		0.42	U		0.10	U		0.10	U	
Tetrachloroethene	5	7.8			12			6.1			3.5			6.8			9.3	J	
Toluene	5	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		0.10	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	
Trichloroethene	5	0.98	J		1.4			1.5			1.8			1.6			1.40	J	
Vinyl chloride	2	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			0.3	U		NA		
o-Xylene	5	NA			NA			NA			NA			0.36	U		NA		
Total Xylenes	5	0.65	U		0.3	U		0.65	U		0.65	U		NA			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-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B	
Sample Date:		Mar-2017		Dec-2016		Sep-2016		Jun-2016		Apr-2016		Dec-2015		Sep-2015	
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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	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	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	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	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	0.10	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	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	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	0.10	U	1.7	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	0.10	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	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	0.10	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	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	0.10	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U
Tetrachloroethene	5	8.6	J	7.2	J	7.8	J	13	J	16	J	13	J	26	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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	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	0.10	U	1.6	U
Trichloroethene	5	0.66	J	0.57	J	0.60	J	0.83	J	0.73	J	1.8	J	2.3	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	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-4B Dec-2014 137-147 feet bgs (µg/L)		FSMW-4B Sep-2014 137-147 feet bgs (µg/L)		FSMW-4B Jun-2014 137-147 feet bgs (µg/L)		FSMW-4B Mar-2014 137-147 feet bgs (µg/L)		FSMW-4B Oct-2013 137-147 feet bgs (µg/L)		FSMW-4B - Duplicate Oct-2013 137-147 feet bgs (µg/L)		FSMW-4B Jul-2013 137-147 feet bgs (µg/L)		FSMW-4B Nov-2012 137-147 feet bgs (µg/L)	
Sample Date:																	
Screen Interval: Units:																	
Analyte																	
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	1.5	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	J
2-Hexanone	50	1.8	UJ	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	U	1.9	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	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	UJ	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	UJ	2.5	U	2.5	U
Chloroform	7	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	5.9	J	4.5	J	10		17		6.6	J	7.3	J	3.8	J	13	
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	3.8	J	3.3	J	3.9	J	7.9	J	4.6	J	4.9	J	4.1	J	3.1	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2012		2011								2010					
Sample Location:		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B	
Sample Date:		Apr-12		Dec-2011		Dec-2011		Jul-2011		Jul-2011		Mar-2011		Dec-2010		Sep-2010	
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)		137-147 feet bgs (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
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
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
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
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
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
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
2-Butanone (MEK)	50	1.5	U	1.5	UJ	1.5	UJ	0.10	UJ	0.10	UJ	0.10	UJ	0.10	U	0.10	U*
2-Hexanone	50	1.8	U	1.8	UJ	1.8	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	1.9	U	1.9	UJ	1.9	UJ	0.69	UJ	0.86	UJ	0.24	UJ	0.76	JB*	0.82	J
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
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
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
Bromomethane	5	4.3	UJ	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	0.10	U	0.10	U	0.19	U	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	0.25	J	0.24	J	0.33	J	0.32	J	0.23	J
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
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
Chloroethane	5	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	0.33
Chloroform	7	1.9	U	1.9	U	1.9	U	0.19	U	0.19	U	0.15	U	0.14	J	0.10	J
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*
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	0.67	J	0.67	J	0.40	J	0.46	J	0.34	J
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
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
Methylene chloride	5	1.3	U	1.3	U	1.3	U	0.45	U	0.46	U	0.28	U	0.43	JB	0.20	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
Tetrachloroethene	5	14		6.4	U	8.1	U	13		12		7.5	J	8.4	J	5.2	J
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
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
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
Trichloroethene	5	6.6	J	4.1	J	4.3	J	4.9	J	4.8	J	3.6	J	4.5	J	3.3	J
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2010		2009										2008			
Sample Location:		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate		FSMW-4B		FSMW-4B		FSMW-4B		FSMW-4B - Duplicate	
Sample Date:		Mar-2010		Dec-2009		Sep-2009		Sep-2009		Jun-2009		Mar-2009		Dec-2008		Dec-2008	
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)		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
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U*	0.10	U	0.10	U
2-Hexanone	50	0.10	U*	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U*	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U
Acetone	50	0.48	JB*	0.39	JB*	0.82	JB*	0.93	JB*	1.6	JB	0.45	JB	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.38	JB	0.46	JB	0.41	JB	0.39	JB	0.36	JB	0.10	U	0.10	U	0.10	0.26 JB
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	5.1	J	10		28		27		19		33	B	63		62	33
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
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.78	J	0.26	J	0.47	J	0.49	J	0.29	J	0.51	J	0.53	J	0.63	0.34 J
Vinyl chloride	2	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.12	J	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 Jun-2008		FSMW-4B - Duplicate Jun-2008		FSMW-4B Mar-2008		FSMW-4B - Duplicate Mar-2008		FSMW-4B Dec-2007		FSMW-4B Aug-2007		FSMW-4B May-2007		FSMW-4B Feb-2007		FSMW-4B Nov-2006	
Sample Date:		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)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)	
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	U	10	U	10	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	U	10	U	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	10	U	10	U	10	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.10	U	10	UJ	10	U	10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	U	10	U	10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	UJ
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	5	UJ	0.10	U	10	UJ	10	U	10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Tetrachloroethene	5	14		13		50		44		40		25		11		26		28	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	13		0.15	J	10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	U	10	U	10	U
Trichloroethene	5	0.10	U	0.10	U	0.98	J	1.0	J	5	U	0.49	J	10	U	0.7	J	0.8	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U	10	UJ	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	5	U	0.10	U	0.10	U	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		2015		2014		2013		2010		2009				2008		2007	
Sample Location:		FSMW-4B		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A		FSMW-5A - Duplicate		FSMW-5A		FSMW-5A	
Sample Date:		Aug-2006		Oct-2015		Oct-2014		Oct-2013		Sep-2010		Sep-2009		Sep-2009		Sep-2008		Aug-2007	
Screen Interval:		137-147 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		60-70 feet bgs		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	10	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
1,1,2,2-Tetrachloroethane	5	10	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	10	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	10	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	10	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
1,2-Dichloroethane	0.6	10	UJ	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	10	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	10	UJ	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	10	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	10	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	10	U	1.9	U	1.9	U	4.9	U	1.8	JB	1.4	JB*	1.1	JB*	0.10	U*	0.10	U
Benzene	1	10	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	10	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	10	U	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	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	10	U	1.3	U	1.3	U	1.3	U	0.21	JB	0.37	JB	0.43	JB	0.26	JB	0.10	U
Styrene	5	10	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	49		2.1	U	2.1	U	4.0	U	0.36	J	0.10	U	0.17	J	0.10	U	0.51	J
Toluene	5	10	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
trans-1,2-Dichloroethene	5	10	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	10	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	10	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
Vinyl chloride	2	10	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	10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2006		2015		2014		2013		2010		2009		2008		2007		2006	
Sample Location:		FSMW-5A		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B		FSMW-5B	
Sample Date:		Aug-2006		Oct-2015		Oct-2014		Oct-2013		Sep-2010		Sep-2009		Sep-2008		Aug-2007		Aug-2006	
Screen Interval:		60-70 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		130-140 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	10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1,2,2-Tetrachloroethane	5	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1,2-Trichloroethane	1	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1-Dichloroethane	5	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,1-Dichloroethene	5	10	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,2-Dichloroethane	0.6	10	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
1,2-Dichloropropane	1	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
2-Butanone (MEK)	50	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U*	0.10	U	0.10	U	10	U
2-Hexanone	50	10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U*	0.10	U	0.10	U	10	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Acetone	50	10	U	1.9	U	1.9	U	1.9	U	0.58	J	0.90	JB*	0.10	U	0.10	U	10	U
Benzene	1	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromodichloromethane	50	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromoform	50	10	U	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	10	UJ	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Carbon disulfide	60	10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Carbon tetrachloride	5	10	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobenzene	5	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chlorobromomethane	5	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloroethane	5	10	UJ	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ
Chloroform	7	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Chloromethane	5	10	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	10	U
cis-1,2-Dichloroethene	5	10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
cis-1,3-Dichloropropene	0.4	10	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Ethylbenzene	5	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Methylene chloride	5	10	U	1.3	U	1.3	U	1.3	U	0.17	JB	0.40	JB	0.28	JB	0.10	U	10	U
Styrene	5	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	10	U	2.1	U	2.1	U	2.1	U	0.45	J	0.28	J	0.10	U	0.10	U	10	U
Toluene	5	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1,2-Dichloroethene	5	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
trans-1,3-Dichloropropene	0.4	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Trichloroethene	5	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Vinyl chloride	2	10	U	2.3	U	2.3	U	2.3	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	0.82	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2019		2018		2016		2015						2014	
Sample Location:		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A	
Sample Date:		Jun-2019		Mar-2018		Dec-2016		Dec-2015		Sep-2015		Sep-2015		Jul-2015	
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	
Units:		(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	0.10	U	2.1	U	2.1	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	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	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	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	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
1,2-Dichloropropane	1	0.35	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	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	1.5	U
2-Hexanone	50	1.1	U	0.10	U	0.10	U	0.10	U	1.8	U	1.8	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	1.7	U
Acetone	50	4.4	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
Benzene	1	0.2	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	0.34	U	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U
Bromoform	50	0.54	U	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U
Bromomethane	5	0.55	U	0.10	U	0.10	U	0.10	U	4.3	U	4.3	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	2.1	U
Carbon tetrachloride	5	0.21	U	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	0.38	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	0.41	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	0.32	U	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U
Chloroform	7	0.33	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
Chloromethane	5	0.4	U	0.10	U	0.10	U	0.10	U	2.3	U	2.3	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	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	1.4	U
Ethylbenzene	5	0.3	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	0.32	U	0.10	U	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U
Styrene	5	0.42	U	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	0.25	U	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U
Toluene	5	0.38	U	0.10	U	0.10	U	0.10	U	1.6	U	1.6	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	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	1.6	U
Trichloroethene	5	0.31	U	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	0.17	U	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	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	0.82	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 Sep-2014 56-59 feet bgs (µg/L)		FSMW-6A Jun-2014 56-59 feet bgs (µg/L)		FSMW-6A Mar-2014 56-59 feet bgs (µg/L)		FSMW-6A Oct-2013 56-59 feet bgs (µg/L)		FSMW-6A Jul-2013 56-59 feet bgs (µg/L)		FSMW-6A Nov-2012 56-59 feet bgs (µg/L)		FSMW-6A Jul-2012 56-59 feet bgs (µg/L)		FSMW-6A Apr-2012 56-59 feet bgs (µg/L)		FSMW-6A Dec-2011 56-59 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
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	UJ	1.5	U	1.5	U	1.5	UJ	1.5	UJ	1.5	U	1.5	UJ
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	UJ
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	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	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	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	UJ	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	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	J	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	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	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						2009					
Sample Location:		FSMW-6A - Duplicate Dec-2011		FSMW-6A Jul-2011		FSMW-6A Mar-2011		FSMW-6A Dec-2010		FSMW-6A Sep-2010		FSMW-6A Mar-2010		FSMW-6A Dec-2009		FSMW-6A Sep-2009		FSMW-6A Jun-2009	
Sample Date:		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)	
Screen Interval: Units:																			
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	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	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	0.34	UJ	0.98	JB*	1.0	J	0.34	JB*	1.4	JB*	0.10	U*	1.3	JB*
Benzene	1	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
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	0.30	U	0.10	U	0.10	U	0.10	U	0.11	J	0.10	U	0.10	U
Carbon tetrachloride	5	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	0.10	U	0.10	U
Chloroform	7	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	2.3	U	0.10	U	0.10	U	0.10	U	0.16	J*	0.10	U*	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	1.8	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	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	0.38	U	0.33	U	1.2	JB	0.30	JB	0.37	JB	0.53	JB	0.34	JB	0.53	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	4.3	J	1.3	U	3.0	J	0.79	J	0.46	J	1.6	J	0.78	J	1.3	J	1.9	J
Toluene	5	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.36	J	0.10	U
trans-1,2-Dichloroethene	5	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Vinyl chloride	2	2.3	U	0.10	U	0.10	U	0.10	U	0.10	U*	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								2007					
Sample Location:		FSMW-6A		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6A	
Sample Date:		Mar-2009		Dec-2008		Sep-2008		Sep-2008		Jun-2008		Jun-2008		Dec-2007		Aug-2007	
Screen Interval: Units:		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		56-59 feet bgs (µg/L)		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	0.10	U	5	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	U
Acetone	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Bromomethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloroethane	5	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	UJ
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Tetrachloroethene	5	11	B	0.10	U	1.1	J	0.61	J	1.9	J	2.0	J	0.67	J	2.6	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Trichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U	0.10	UJ
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	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)	2007		2006				2022		2021		2020		2019		2018	
Sample Location:		FSMW-6A		FSMW-6A		FSMW-6A - Duplicate		FSMW-6A		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B	
Sample Date:		Feb-2007		Nov-2006		Nov-2006		Aug-2006		Aug-2022		Aug-2021		Sep-2020		Jun-2019	
Screen Interval: Units:		56-59 feet bgs (µg/L)		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)	
Analyte																	
1,1,1-Trichloroethane	5	10	U	10	UJ	10	UJ	10	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	10	U	10	UJ	10	UJ	10	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	10	U	10	UJ	10	UJ	10	U	0.2	U	0.2	U	0.2	U	0.43	U
1,1-Dichloroethane	5	10	U	10	UJ	10	UJ	10	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	10	U	10	UJ	10	UJ	10	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	10	U	10	UJ	10	UJ	10	UJ	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	10	U	10	UJ	10	UJ	10	U	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	10	U	10	UJ	10	UJ	10	UJ	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	10	U	10	UJ	10	UJ	10	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	10	U	10	UJ	10	UJ	10	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	50	10	U	10	UJ	10	UJ	10	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	1	10	U	10	UJ	10	UJ	10	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	10	U	10	UJ	10	UJ	10	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	10	U	10	UJ	10	UJ	10	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	10	U	10	UJ	10	UJ	10	U	0.55	U	0.55	U	0.55	UJ	0.55	U
Carbon disulfide	60	10	U	10	UJ	10	UJ	10	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	5	10	U	10	UJ	10	UJ	10	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	10	U	10	UJ	10	UJ	10	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	10	U	10	UJ	10	UJ	10	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	10	U	10	UJ	10	UJ	10	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	10	U	10	UJ	10	UJ	10	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	10	U	10	UJ	10	UJ	10	U	0.4	U	0.4	U	0.4	U	0.4	UJ
cis-1,2-Dichloroethene	5	10	U	10	UJ	10	UJ	10	U	1.2		1.5		1.4		0.22	U
cis-1,3-Dichloropropene	0.4	10	U	10	UJ	10	UJ	10	U	0.22	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	10	U	10	UJ	10	UJ	10	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	10	U	10	UJ	10	UJ	10	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	10	U	10	UJ	10	UJ	10	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	3.9	J	10	UJ	10	UJ	10	U	4.1		4.7		4.5		3.8	
Toluene	5	10	U	10	UJ	10	UJ	10	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	10	U	10	UJ	10	UJ	10	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	10	U	10	UJ	10	UJ	10	U	0.22	U	0.22	U	0.22	U	0.49	U
Trichloroethene	5	10	U	10	UJ	10	UJ	10	U	1.2		1.4		1.1		0.48	J
Vinyl chloride	2	10	U	10	UJ	10	UJ	10	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	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	10	UJ	10	UJ	10	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)	2016				2015		2014		2013		2012		2010		2009			
Sample Location:		FSMW-6B Dec-2016		FSMW-6B - Duplicate Dec-2016		FSMW-6B Sep-2015		FSMW-6B Sep-2014		FSMW-6B Oct-2013		FSMW-6B Nov-2012		FSMW-6B Sep-2010		FSMW-6B Sep-2009		FSMW-6B - Duplicate Sep-2009	
Sample Date:		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)		137-147 feet bgs (µg/L)		137-147 feet bgs (µg/L)	
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	UJ	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	UJ	0.10	U	0.10	U*	0.10	U*
2-Hexanone	50	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	UJ	0.10	U	0.10	U*	0.10	U*
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	UJ	0.10	UJ	1.9	U	1.9	U	1.9	U	1.9	UJ	0.91	J	1.5	J*	0.88	J*
Benzene	1	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	UJ	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	0.18	J*	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	0.30	JB	0.42	JB	0.38	JB
Styrene	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	5.6	J	5.9	J	39		42		67		79		110		7.7	J	6.9	J
Toluene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.11	J	0.18	J	0.17	J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.47	J	0.51	J	1.9	U	1.9	U	1.9	U	2.6	J	3.7	J	1.8	J	1.7	J
Vinyl chloride	2	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.82	U	0.82	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		2015		2014		2013		2010		2009	
Sample Location:		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-6B		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7A	
Sample Date:		Sep-2008		Aug-2007		May-2007		Aug-2006		Oct-2015		Oct-2014		Oct-2013		Sep-2010		Sep-2009	
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)		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	10	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	10	U	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	10	U	10	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	10	U	10	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	U	10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U*	0.10	U
2-Hexanone	50	0.10	U	0.10	U	10	U	10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Acetone	50	0.10	U*	0.10	U	10	UJ	10	U	1.9	U	1.9	U	1.9	U	1.0	JB*	0.74	JB
Benzene	1	0.10	U	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	10	U	10	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	10	U	10	U	5.0	U	5.0	UJ	5.0	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	10	U	10	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	10	U	10	U	2.1	U	2.1	U	2.1	U	0.10	U*	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	10	U	10	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	10	U	10	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	10	U	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	10	UJ	10	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	10	U	10	U	1.8	U	1.8	U	1.8	U	0.10	U	0.10	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	10	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Methylene chloride	5	0.51	JB	0.10	U	10	U	10	U	1.3	U	1.3	U	1.3	U	0.27	JB	0.43	JB
Styrene	5	0.10	U	0.10	U	10	U	10	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Tetrachloroethene	5	15		1.2	J	1.8	J	10	U	2.1	U	2.1	U	2.1	U	1.8	JB	0.45	J
Toluene	5	0.10	U	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.18	J	0.10	
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	1.9	J	10	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	10	U	10	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Trichloroethene	5	1.7	J*	1.2	J	1.7	J	3	J	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
Vinyl chloride	2	0.10	U	0.10	U	10	UJ	10	U	2.3	U	2.3	U	2.3	U	0.10	U*	0.10	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	10	U	10	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009		2008		2007		2006		2015		2014		2013		2010	
Sample Location:		FSMW-7A - Duplicate		FSMW-7A		FSMW-7A		FSMW-7A		FSMW-7B		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B	
Sample Date:		Sep-2009		Sep-2008		Aug-2007		Aug-2006		Oct-2015		Oct-2014		Oct-2014		Oct-2013	
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)		136-146 feet bgs (µg/L)		136-146 feet bgs (µg/L)		136-146 feet bgs (µg/L)		136-146 feet bgs (µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	2.1	U	2.1	U	2.1	U	2.1	0.23 J
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	10	U	1.5	U	1.5	U	1.5	U	1.5	0.10 U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	0.10 U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	0.10 U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	2.5	U	2.5	U	2.5	U	2.5	0.14 J
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	10	UJ	0.83	U	0.83	U	0.83	U	0.83	0.10 U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	0.10 U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	UJ	1.5	U	1.5	U	1.5	U	1.5	0.10 U*
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	U	1.8	U	1.8	U	1.8	U	1.8	0.10 U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	0.10 U
Acetone	50	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	0.71 JB*
Benzene	1	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	0.10 U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	10	U	1.5	U	1.5	U	1.5	U	1.5	0.10 U
Bromoform	50	0.10	U	0.10	U	0.10	U	10	U	5.0	U	5.0	UJ	5.0	UJ	5.0	0.10 U
Bromomethane	5	0.10	U	0.10	U	0.10	U	10	U	4.3	U	4.3	U	4.3	U	4.3	0.10 U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	10	U	2.1	U	2.1	U	2.1	U	2.1	0.10 U*
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	10	U	2.0	U	2.0	U	2.0	U	2.0	0.10 U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	0.10 U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	0.10 U
Chloroethane	5	0.10	U	0.10	U	0.10	U	10	U	2.5	U	2.5	U	2.5	U	2.5	0.10 U
Chloroform	7	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	0.10 U
Chloromethane	5	0.10	U	0.10	U	0.10	U	10	U	2.3	U	2.3	U	2.3	U	2.3	0.10 U*
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	1.8	U	1.8	U	1.8	U	1.8	0.10 U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	1.4	U	1.4	U	1.4	U	1.4	0.10 U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	0.10 U
Methylene chloride	5	0.39	JB	0.10	U	0.10	U	10	U	1.3	U	1.3	U	1.3	U	1.3	0.23 JB
Styrene	5	0.10	U	0.10	U	0.10	U	10	U	1.7	U	1.7	U	1.7	U	1.7	0.10 U
Tetrachloroethene	5	0.67	J	0.10	U	0.58	J	10	U	2.1	U	2.1	U	2.1	U	2.1	2.3 JB
Toluene	5	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	0.11 J
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	0.10 U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	1.6	U	1.6	U	1.6	U	1.6	0.10 U
Trichloroethene	5	0.19	J	0.10	U	0.33	J	10	U	1.9	U	1.9	U	1.9	U	1.9	0.26 J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	10	U	2.3	U	2.3	U	2.3	U	2.3	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	0.82	U	0.82	U	0.82	U	0.82	U	0.10	0.10 U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2010		2009		2008				2007		2006		2022		2021		2020	
Sample Location:		FSMW-7B - Duplicate		FSMW-7B		FSMW-7B		FSMW-7B - Duplicate		FSMW-7B		FSMW-7B		FSMW-8A		FSMW-8A		FSMW-8A	
Sample Date:		Sep-2010		Sep-2009		Sep-2008		Sep-2008		Aug-2007		Aug-2006		Aug-2022		Aug-2021		Sep-2020	
Screen Interval: Units:		136-146 feet bgs (µg/L)		136-146 feet bgs (µg/L)		136-146 feet bgs (µg/L)		136-146 feet bgs (µg/L)		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)	
Analyte																			
1,1,1-Trichloroethane	5	0.23	J	0.10	U	0.10	U	0.10	U	0.10	U	10	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	0.10	U	0.10	U	10	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.2	U	0.2	U	0.2	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	0.26	U	0.26	U
1,1-Dichloroethene	5	0.10	U	0.15	J	0.10	U	0.10	U	0.10	U	10	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	0.10	U	0.10		0.10	U	0.10	U	0.10	U	10	UJ	0.43	U	0.43	U	0.43	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	0.35	U	0.35	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.3	U	1.3	U	1.3	U
Acetone	50	0.35	JB*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	5.4		4.4	U	4.4	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.55	U	0.55	U	0.55	UJ
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.4	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.62	J	0.22	U	0.22	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	0.22	U	0.22	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.29	JB	0.36	JB	0.10	U	0.44	JB	0.10	U	10	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	1.2	J	1.70	J	0.10	U	0.10	U	0.38	J	10	U	4.5		3.8		6.6	
Toluene	5	0.10	U	0.10		0.10	U	0.10	U	0.10	U	10	U	0.38	U	0.38	U	0.38	U
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	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.22	U	0.22	U	0.22	U
Trichloroethene	5	0.20	J	0.32	J	0.10	U	0.10	U	1.1	J	2	J	0.31	U	0.31	U	0.31	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.17	U	0.17	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	0.10	U	0.10	U	10	U	4.1	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)	2020		2019								2018					
Sample Location:		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A	
Sample Date:		Mar-2020		Dec-2019		Sep-2019		Jun-2019		Jun-2019		Mar-2019		Dec-2018		Sep-2018	
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	
Units:		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)		(µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.12	U	0.12	U	0.12	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.3	J+	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	1.1	U	1.1	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	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	2.7	U	2.7	U	2.7	U
Acetone	50	4.4	U	4.4	U	5.4	U	4.4	U	4.4	U	5	U	5	U	5	U
Benzene	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U	0.43	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	1	U	1	U	1	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.16	U	0.16	U	0.16	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.14	U	0.14	U	0.14	U
cis-1,2-Dichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.3	J	0.41	J	0.92	J-
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.46	U	0.46	U	0.46	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	5.1	U	6.1	U	8.5	U	8.6	U	9.4	U	7	U	8.3	U	15	J-
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	0.46	J	0.5	J	0.43	J	0.31	U	0.31	U	0.31	U	0.35	J	0.66	J-
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		0.3	U
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		0.36	U
Total Xylenes	5	0.65	U	0.65	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-8A Mar-2018		FSMW-8A - Duplicate Mar-2018		FSMW-8A Dec-2017		FSMW-8A - Duplicate Dec-2017		FSMW-8A Sep-2017		FSMW-8A Jun-2017		FSMW-8A Mar-2017		FSMW-8A Dec-2016		FSMW-8A Sep-2016	
Sample Date:		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	
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	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	UJ	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	UJ	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	1.1	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	UJ	0.10	UJ	0.10	UJ
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	UJ	0.10	U	0.10	U	0.10	UJ
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	UJ	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	1.6	J	1.5	J	1.3	J	1.7	J	1.7	J	2.6	J	5.1	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	0.39	U	0.45	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Tetrachloroethene	5	31		30		22		24		13		22		30		44		52	
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	UJ	0.10	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	1.4	J	1.3	J	1.2	J	1.5	J	0.7	J	0.99	J	1.6	J	1.7	J	2.7	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	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									
Sample Location:		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A		FSMW-8A - Duplicate		FSMW-8A	
Sample Date:		Sep-2016		Jun-2016		Apr-2016		Dec-2015		Dec-2015		Oct-2015		Oct-2015		Jul-2015	
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	0.10	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	0.20	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	0.20	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	0.20	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	0.20	U	0.10	U	0.10	U	13	U	13	U	13	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.20	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	0.20	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	0.20	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	0.20	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	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U
Acetone	50	0.10	UJ	0.10	UJ	0.20	U	0.10	UJ	0.10	UJ	9.5	U	9.5	U	9.5	U
Benzene	1	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U
Bromodichloromethane	50	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	7.5	U	7.5	U	7.5	U
Bromoform	50	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	25	U	25	U	25	U
Bromomethane	5	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	0.20	U	0.10	U	0.10	U	11	U	11	U	11	U
Carbon tetrachloride	5	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	0.20	U	0.27	J	0.26	J	8.0	U	8.0	U	8.0	U
Chlorobromomethane	5	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U
Chloroethane	5	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	13	U	13	U	13	U
Chloroform	7	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	0.20	U	0.10	U	0.10	U	12	U	12	U	12	U
cis-1,2-Dichloroethene	5	5.0	J	14		35		76		76		130		120		120	
cis-1,3-Dichloropropene	0.4	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	0.20	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	0.20	U	0.10	UJ	0.10	UJ	6.5	U	6.5	U	6.5	U
Styrene	5	0.10	U	0.10	U	0.20	U	0.10	U	0.10	U	8.5	U	8.5	U	8.5	U
Tetrachloroethene	5	54		120		190		330	D	320	D	360		340		260	
Toluene	5	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	0.54	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	0.20	U	0.10	U	0.10	U	8.0	U	8.0	U	8.0	U
Trichloroethene	5	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	0.20	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	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	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										2013	
Sample Location:		FSMW-8A Apr-2015 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Apr-2015 64-74 feet bgs (µg/L)		FSMW-8A Dec-2014 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Dec-2014 64-74 feet bgs (µg/L)		FSMW-8A Oct-2014 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Oct-2014 64-74 feet bgs (µg/L)		FSMW-8A Jun-2014 64-74 feet bgs (µg/L)		FSMW-8A Mar-2014 64-74 feet bgs (µg/L)	
Sample Date:																	
Screen Interval: Units:																	
Analyte																	
1,1,1-Trichloroethane	5	0.50	U	0.50	U	21	U	21	U	21	U	21	U	21	U	21	U
1,1,2,2-Tetrachloroethane	5	0.50	U	0.50	U	15	U	15	U	15	U	15	U	15	U	15	U
1,1,2-Trichloroethane	1	0.50	U	0.50	U	19	U	19	U	19	U	19	U	19	U	19	U
1,1-Dichloroethane	5	0.50	UJ	0.50	UJ	17	U	17	U	17	U	17	U	17	U	17	U
1,1-Dichloroethene	5	0.50	U	0.50	U	25	U	25	U	25	U	25	U	25	U	25	U
1,2-Dichloroethane	0.6	0.50	UJ	0.50	UJ	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U
1,2-Dichloropropane	1	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
2-Butanone (MEK)	50	0.50	U	0.50	U	15	UJ	15	UJ	15	U	15	U	15	U	15	UJ
2-Hexanone	50	0.50	U	0.50	U	18	UJ	18	UJ	18	U	18	U	18	U	18	U
4-Methyl-2-Pentanone (MIBK)	NC	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
Acetone	50	0.50	U	0.50	U	19	UJ	19	UJ	19	U	19	U	19	U	19	U
Benzene	1	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
Bromodichloromethane	50	0.50	U	0.50	U	15	U	15	U	15	U	15	U	15	U	15	U
Bromoform	50	0.50	U	0.50	U	50	U	50	U	50	U	50	U	50	U	50	U
Bromomethane	5	0.50	U	0.50	U	43	U	43	U	43	U	43	U	43	U	43	UJ
Carbon disulfide	60	0.50	U	0.50	U	21	U	21	U	21	U	21	U	21	U	21	U
Carbon tetrachloride	5	0.50	U	0.50	U	20	U	20	U	20	U	20	U	20	U	20	U
Chlorobenzene	5	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
Chlorobromomethane	5	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
Chloroethane	5	0.50	U	0.50	U	25	U	25	U	25	U	25	U	25	U	25	U
Chloroform	7	0.50	U	0.50	U	19	U	19	U	19	U	19	U	19	U	19	U
Chloromethane	5	0.50	U	0.50	U	23	U	23	U	23	U	23	U	23	U	23	U
cis-1,2-Dichloroethene	5	34		30		18	UJ	18	J	57	J	57	J	180		190	
cis-1,3-Dichloropropene	0.4	0.50	U	0.50	U	14	U	14	U	14	U	14	U	14	U	14	U
Ethylbenzene	5	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
Methylene chloride	5	0.50	U	0.50	U	13	U	13	U	13	U	13	U	13	U	13	U
Styrene	5	0.50	U	0.50	U	17	U	17	U	17	U	17	U	17	U	17	U
Tetrachloroethene	5	480		490		590		620		1,400	J	1,400		1,900		1,600	
Toluene	5	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
trans-1,2-Dichloroethene	5	0.50	U	0.69	J	19	U	19	U	19	U	19	U	19	U	19	U
trans-1,3-Dichloropropene	0.4	0.50	U	0.50	U	16	U	16	U	16	U	16	U	16	U	16	U
Trichloroethene	5	18		20		19	UJ	19	J	57	J	55	J	140		140	
Vinyl chloride	2	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	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.50	U	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U	8.2	U	41	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2013						2012						2011					
Sample Location:		FSMW-8A Oct-2013 64-74 feet bgs (µg/L)		FSMW-8A Jul-2013 64-74 feet bgs (µg/L)		FSMW-8A Nov-2012 64-74 feet bgs (µg/L)		FSMW-8A Jul-2012 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Jul-2012 64-74 feet bgs (µg/L)		FSMW-8A Apr-2012 64-74 feet bgs (µg/L)		FSMW-8A Dec-2011 64-74 feet bgs (µg/L)		FSMW-8A Jul-2011 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Jul-2011 64-74 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	110	U	21	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	75	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
1,1-Dichloroethane	5	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
1,1-Dichloroethene	5	130	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	42	U	8.3	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U	0.10	U
1,2-Dichloropropane	1	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
2-Butanone (MEK)	50	75	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
2-Hexanone	50	90	U	18	U	1.8	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	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Acetone	50	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.78	U	0.54	U
Benzene	1	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Bromodichloromethane	50	75	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U	0.10	U
Bromoform	50	250	U	50	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U
Bromomethane	5	220	U	43	U	4.3	U	4.3	U	4.3	U	4.3	U	4.3	U	0.10	U	0.10	U
Carbon disulfide	60	110	U	21	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U
Carbon tetrachloride	5	100	U	20	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U
Chlorobenzene	5	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Chlorobromomethane	5	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Chloroethane	5	130	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroform	7	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
Chloromethane	5	120	U	23	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	0.20	J	0.10	J
cis-1,2-Dichloroethene	5	170	J	150		40		28		27		4.9	J	1.8	U	0.12	J	0.12	J
cis-1,3-Dichloropropene	0.4	70	U	14	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U	0.10	U
Ethylbenzene	5	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Methylene chloride	5	65	U	13	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.46	U	0.36	U
Styrene	5	85	U	17	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U
Tetrachloroethene	5	9,600		7,200	D	1,000	D	770	D	770	D	84		21		15		13	
Toluene	5	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	95	U	19	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	80	U	16	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U
Trichloroethene	5	280	J	230		53		45		44		8.9	J	1.9	U	0.10	U	0.48	J
Vinyl chloride	2	120	U	23	U	2.3	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	8.2	U	0.82	U	0.82	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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2011				2010								2009					
Sample Location:		FSMW-8A Mar-2011 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Mar-2011 64-74 feet bgs (µg/L)		FSMW-8A Dec-2010 64-74 feet bgs (µg/L)		FSMW-8A Sep-2010 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Sep-2010 64-74 feet bgs (µg/L)		FSMW-8A Jun-2010 64-74 feet bgs (µg/L)		FSMW-8A Mar-2010 64-74 feet bgs (µg/L)		FSMW-8A Dec-2009 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Dec-2009 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	0.10	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	UJ	0.10	UJ	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	0.49	UJ	0.24	UJ	0.73	JB*	1.2	J	1.1	J	0.10	U*	0.42	JB*	0.95	JB*	1.2	JB*
Benzene	1	0.10	U	1.2	J	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	0.26	U	0.25	U	0.10	U	0.10	U	0.10	U	0.10	U	0.12	J	0.12	J	0.16	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	UJ	0.10	UJ	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	0.28	J*	0.29	J*	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.26	J	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.21	J	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	0.33	U	0.30	U	0.49	JB*	0.27	JB	0.23	JB	0.25	JB	0.40	JB	0.53	JB	0.54	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	12	J	12	J	12	J	10	J	9.9	J	17	J	23	J	20	J	20	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.15	J	0.12	J	0.10	U	0.19	J	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.13	J	0.16	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	0.16	J	0.13	J	0.49	J	0.34	J	0.38	J	0.64	J	0.82	J	1.1	J	0.98	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	0.34	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

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 Sep-2009 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Sep-2009 64-74 feet bgs (µg/L)		FSMW-8A Jun-2009 64-74 feet bgs (µg/L)		FSMW-8A Mar-2009 64-74 feet bgs (µg/L)		FSMW-8A Dec-2008 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Dec-2008 64-74 feet bgs (µg/L)		FSMW-8A Sep-2008 64-74 feet bgs (µg/L)		FSMW-8A - Duplicate Sep-2008 64-74 feet bgs (µg/L)		FSMW-8A Jun-2008 64-74 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	10	U	0.10	U	0.10	U	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	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*	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	0.48	JB*	0.40	JB*	1.0	J*B	10	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Benzene	1	0.10	U	0.10	U	0.10	U	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	0.10	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-1,2-Dichloroethene	5	0.10	U	0.10	U	0.27	J	0.34	J	0.10	U	0.10	U	0.1	U	0.10	U	1.9	J
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	0.43	JB	0.43	JB	0.40	JB	10	U	0.10	U	0.10	U	0.37	JB	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	20		20		39		29		63		62		77		75		200	
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	0.13	J	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	0.93	J	0.89	J	1.7	J	1.3	J	2.3	J	2.3	J	3.6	J	3.7	J	14	
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	0.10	U	0.40	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2008		FSMW-8A Dec-2007		FSMW-8A - Duplicate Dec-2007		2007 FSMW-8A Aug-2007		FSMW-8A May-2007		FSMW-8A Feb-2007		2006 FSMW-8A Nov-2006		FSMW-8A Aug-2006		2019 FSMW-8B Jun-2019		
Sample Location:		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)		132-142 feet bgs (µg/L)		
Sample Date:																				
Screen Interval: Units:																				
Analyte																				
1,1,1-Trichloroethane	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.24	U
1,1,2,2-Tetrachloroethane	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.37	U
1,1,2-Trichloroethane	1		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.43	U
1,1-Dichloroethane	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.26	U
1,1-Dichloroethene	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.26	U
1,2-Dichloroethane	0.6		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.43	U
1,2-Dichloropropane	1		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.35	U
2-Butanone (MEK)	50		0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1,000	U	1.9	U
2-Hexanone	50		0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1,000	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC		0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1,000	U	1.3	U
Acetone	50		0.40	U	10	U	10	U	1.0	U	200	U	400	U	10	U	1,000	U	4.4	U
Benzene	1		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.2	U
Bromodichloromethane	50		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.34	U
Bromoform	50		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.54	U
Bromomethane	5		0.40	U	5	UJ	5	U	1.0	U	200	U	400	U	10	U	1,000	UJ	0.55	U
Carbon disulfide	60		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	UJ	1,000	U	0.82	UJ
Carbon tetrachloride	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	UJ	0.21	U
Chlorobenzene	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.38	U
Chlorobromomethane	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.41	U
Chloroethane	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	UJ	0.32	U
Chloroform	7		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.33	U
Chloromethane	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.4	U
cis-1,2-Dichloroethene	5		3.2	J	8.1		8.3		7.8	J	7.7	J	12	J	22		1,000	U	0.22	U
cis-1,3-Dichloropropene	0.4		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.22	U
Ethylbenzene	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.3	U
Methylene chloride	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.32	U
Styrene	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.42	U
Tetrachloroethene	5		380		1,200		1,300		1,400		2,200		5,400		11,000		11,000		0.88	J
Toluene	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.38	U
trans-1,2-Dichloroethene	5		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.24	U
trans-1,3-Dichloropropene	0.4		0.40	U	5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	U	0.49	U
Trichloroethene	5		25		78		88		74		110	J	130	J	170		1,000	U	0.31	U
Vinyl chloride	2		0.40	U	5	U	5	U	1.0	U	2.2	J	400	U	6	J	1,000	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		5	U	5	U	1.0	U	200	U	400	U	10	U	1,000	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-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B	
Sample Date:		Mar-2018		Dec-2016		Dec-2015		Oct-2015		Jul-2015		Apr-2015		Dec-2014		Oct-2014	
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)		132-142 feet bgs (µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.83	U	0.83	U	0.10	U	0.83	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.10	U	1.8	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U
Acetone	50	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	1.5	U	1.5	U	0.10	U	1.5	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	5.0	U	5.0	U	0.10	U	5.0	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	4.3	U	4.3	U	0.10	U	4.3	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	2.1	U	2.1	U	0.10	U	2.1	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	2.0	U	2.0	U	0.10	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	2.5	U	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.8	U	1.8	U	0.11	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.4	U	1.4	U	0.10	U	1.4	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U
Methylene chloride	5	0.52	U	0.10	U	0.10	U	1.3	U	1.3	U	0.10	U	1.3	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	1.7	U	1.7	U	0.10	U	1.7	U	1.7	U
Tetrachloroethene	5	1.3	J	0.58	J	0.95	U	2.1	U	2.1	U	1.3	U	2.1	U	2.1	U
Toluene	5	0.10	U	0.32	J	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	1.9	U	1.9	U	0.10	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	1.6	U	1.6	U	0.10	U	1.6	U	1.6	U
Trichloroethene	5	0.33	J	0.21	J	0.25	J	1.9	U	1.9	U	0.25	J	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	2.3	U	2.3	U	0.10	U	2.3	U	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	0.10	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)	2014		2013				2012						2011	
Sample Location:		FSMW-8B		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate		FSMW-8B		FSMW-8B		FSMW-8B - Duplicate	
Sample Date:		Mar-2014		Oct-2013		Jul-2013		Jul-2013		Nov-2012		Jul-2012		Apr-2012	
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)	
Analyte															
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
1,1,2,2-Tetrachloroethane	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
1,1-Dichloroethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	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
1,2-Dichloropropane	1	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
2-Butanone (MEK)	50	1.5	U	1.5	U	1.5	U	1.5	UJ	1.5	UJ	1.5	U	1.5	UJ
2-Hexanone	50	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	UJ
4-Methyl-2-Pentanone (MIBK)	NC	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	UJ	1.9	UJ	1.9	U	1.9	UJ
Benzene	1	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Bromodichloromethane	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
Bromomethane	5	4.3	U	4.3	UJ	4.3	U	4.3	U	4.3	U	4.3	UJ	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
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Chlorobromomethane	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Chloroethane	5	2.5	U	2.5	U	2.5	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
Chloromethane	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Ethylbenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Tetrachloroethene	5	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
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
trans-1,3-Dichloropropene	0.4	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Trichloroethene	5	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Vinyl chloride	2	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2011				2010										2009			
Sample Location:		FSMW-8B Jul-2011		FSMW-8B Mar-2011		FSMW-8B Dec-2010		FSMW-8B - Duplicate Dec-2010		FSMW-8B Sep-2010		FSMW-8B Jun-2010		FSMW-8B Mar-2010		FSMW-8B - Duplicate Mar-2010		FSMW-8B Dec-2009	
Sample Date:		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)		132-142 feet bgs (µg/L)		132-142 feet bgs (µg/L)	
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	UJ	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	0.46	UJ	0.35	UJ	0.63	JB*	0.56	JB*	1.1	J	0.10	U*	0.10	JB*	1.0	JB*	0.48	JB*
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	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	0.25	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.20	J	0.19	J
Carbon tetrachloride	5	0.10	U	0.10	U	0.14	J	0.10	U	0.10	U	0.10	U	0.12	J	0.20	J	0.21	J
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	U	0.10	U	0.10	U	0.10	U	0.36	J	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.11	JB	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.11	J
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.20	J*	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	2.3	J	0.22	J	0.21	J	0.10	U	0.28	J	0.35	J	0.32	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	0.39	U	0.27	U	0.46	JB	0.49	JB	0.22	JB	0.22	JB	0.48	JB	0.42	JB	0.55	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	1.9	J	2.4	J	2.5	J	2.8	J	2.6	J	3.0	J	3.7	J	3.2	J	2.7	J
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.18	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	0.10	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	0.81	J	1.3	J	2.4	J	2.4	J	2.4	J	2.7	J	3.0	J	3.0	J	3.0	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	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009						2008						2007			
Sample Location:		FSMW-8B Sep-2009		FSMW-8B Jun-2009		FSMW-8B Mar-2009		FSMW-8B Dec-2008		FSMW-8B Sep-2008		FSMW-8B Jun-2008		FSMW-8B - Duplicate Jun-2008		FSMW-8B Mar-2008	
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	
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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Butanone (MEK)	50	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
2-Hexanone	50	0.10	U*	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U*	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U
Acetone	50	0.10	U	0.89	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
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.18	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
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	0.28	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
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Methylene chloride	5	0.37	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
Tetrachloroethene	5	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	0.13	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
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Trichloroethene	5	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
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2007						2006						2022		2021		2020	
Sample Location:		FSMW-8B Aug-2007 132-142 feet bgs (µg/L)		FSMW-8B May-2007 132-142 feet bgs (µg/L)		FSMW-8B Feb-2007 132-142 feet bgs (µg/L)		FSMW-8B Nov-2006 132-142 feet bgs (µg/L)		FSMW-8B - Duplicate Nov-2006 132-142 feet bgs (µg/L)		FSMW-8B Aug-2006 132-142 feet bgs (µg/L)		FSMW-9A Aug-2022 60-70 feet bgs (µg/L)		FSMW-9A Aug-2021 60-70 feet bgs (µg/L)		FSMW-9A Sep-2020 60-70 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.10	U	10	U	10	U	10	U	10	U	10	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	0.10	U	10	U	10	U	10	U	10	U	10	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	0.10	U	10	U	10	U	10	U	10	U	10	U	0.35	U	0.35	U	0.35	U
2-Butanone (MEK)	50	0.10	U	10	U	10	U	10	U	10	U	10	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U	10	U	10	U	10	U	10	U	10	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	10	U	10	U	10	U	10	U	10	U	1.3	U	1.3	U	1.3	U
Acetone	50	0.10	U	10	U	10	U	10	U	10	U	10	U	4.4	U	4.4	U	4.4	U
Benzene	1	0.10	U	10	U	10	U	10	U	10	U	10	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.10	U	10	U	10	U	10	U	10	U	10	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.10	U	10	U	10	U	10	U	10	U	10	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	60	0.10	U	10	U	10	U	10	U	10	U	10	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.10	U	10	U	10	U	10	U	10	U	10	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.4	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	0.10	U	10	U	10	U	10	U	10	U	10	U	6.1		0.22	U	5.2	
cis-1,3-Dichloropropene	0.4	0.10	U	10	U	10	U	10	U	10	U	10	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	2.4	J	10	U	18		10	U	3	J	17		4.9		2		2.4	
Toluene	5	0.10	U	10	U	10	U	10	U	10	U	10	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.10	U	0.75	J	10	U	10	U	10	U	10	U	0.24	U	0.24	U	0.24	U
trans-1,3-Dichloropropene	0.4	0.10	U	10	U	10	U	10	U	10	U	10	U	0.22	U	0.22	U	0.22	U
Trichloroethene	5	1.4	J	1.2	J	1.2	J	2	J	2	J	1	J	1.4		0.31	U	0.68	J
Vinyl chloride	2	0.10	U	10	U	10	U	10	U	10	U	10	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	10	U	10	U	10	U	10	U	10	U	0.82	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		2016		2015		2014				2013		2012		2010	
Sample Location:		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A - Duplicate		FSMW-9A		FSMW-9A		FSMW-9A	
Sample Date:		Jun-2019		Mar-2018		Dec-2016		Oct-2015		Oct-2014		Oct-2014		Oct-2013		Nov-2012		Sep-2010	
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	0.24	U	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	11	U	2.1	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	7.5	U	1.5	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	9.5	U	1.9	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U
1,1-Dichloroethene	5	0.26	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	13	U	2.5	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	4.2	U	0.83	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	8.5	U	1.7	U	0.10	U
2-Butanone (MEK)	50	1.9	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	7.5	U	1.5	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	9.0	U	1.8	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	8.5	U	1.7	U	0.10	U
Acetone	50	4.4	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.90	JB*
Benzene	1	0.2	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U
Bromodichloromethane	50	0.34	U	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	7.5	U	1.5	U	0.10	U
Bromoform	50	0.54	U	0.10	U	0.10	U	5.0	U	5.0	U	5.0	U	25	U	5.0	U	0.10	U
Bromomethane	5	0.55	U	0.10	U	0.10	U	4.3	U	4.3	U	4.3	U	22	U	4.3	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	11	U	2.1	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	10	U	2.0	U	0.10	U
Chlorobenzene	5	0.38	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U
Chlorobromomethane	5	0.41	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U
Chloroethane	5	0.32	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	13	U	2.5	U	0.10	U
Chloroform	7	0.33	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.10	U
Chloromethane	5	0.4	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	12	U	2.3	U	0.10	U*
cis-1,2-Dichloroethene	5	0.22	U	0.10	U	1.3	J	2.1	J	14		14		320		270	D	0.22	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	7.0	U	1.4	U	0.10	U
Ethylbenzene	5	0.3	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U	1.6	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	6.5	U	1.3	U	0.23	JB
Styrene	5	0.42	U	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	8.5	U	1.7	U	0.10	U
Tetrachloroethene	5	2.7		10		4.1	J	7.4	J	93		93		770		440	D	16	B
Toluene	5	0.38	U	0.10	U	3.0	J	1.6	U	1.6	U	1.6	U	8.0	U	2.0	J	0.33	J
trans-1,2-Dichloroethene	5	0.24	U	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	9.5	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.49	U	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	8.0	U	1.6	U	0.10	U
Trichloroethene	5	0.31	U	0.66	J	0.83	J	1.9	U	8.9	J	8.9	J	160		190		0.32	J
Vinyl chloride	2	0.17	U	0.10	U	0.10	U	2.3	U	2.3	U	2.3	U	12	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	0.10	U	0.10	U	0.82	U	0.82	U	4.1	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		2016		2015		2014	
Sample Location:		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9A		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B	
Sample Date:		Sep-2009		Sep-2008		Aug-2007		Aug-2006		Jun-2019		Mar-2018		Dec-2016		Oct-2015		Oct-2014	
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)		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	0.10	U	0.10	U	0.10	U	500	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	500	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	500	U	0.43	U	0.10	U	0.10	U	1.9	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	500	U	0.26	U	0.10	U	0.10	U	1.7	U	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	500	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	500	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	500	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	500	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	500	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	500	U	1.3	U	0.10	U	0.10	U	1.7	U	1.7	U
Acetone	50	1	J	0.10	U	0.10	U	500	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	500	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	500	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	500	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	500	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	500	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	500	U	0.21	U	0.10	U	0.10	U	2.0	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.63	J	500	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	500	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	500	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	500	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	500	U	0.4	U	0.10	U	0.10	U	2.3	U	2.3	U
cis-1,2-Dichloroethene	5	0.1	J	0.10	U	4.3	J	500	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	500	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	500	U	0.3	U	0.10	U	0.10	U	1.6	U	1.6	U
Methylene chloride	5	0.42	JB	0.10	U	0.10	U	110	J	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	500	U	0.42	U	0.10	U	0.10	U	1.7	U	1.7	U
Tetrachloroethene	5	28	U	52	U	500	U	3,900	U	0.54	J	0.73	J	0.77	U	2.1	U	2.4	J
Toluene	5	0.13	J	0.10	U	0.43	J	500	U	0.38	U	0.10	U	0.10	U	1.6	U	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	500	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	500	U	0.49	U	0.10	U	0.10	U	1.6	U	1.6	U
Trichloroethene	5	0.28	J	0.59	J	36	U	260	J	0.31	U	0.10	U	0.20	J	1.9	U	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	500	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	500	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		2012		2010		2009				2008		2007		2006		2019	
Sample Location:		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-9B - Duplicate		FSMW-9B		FSMW-9B		FSMW-9B		FSMW-10A	
Sample Date:		Oct-2013		Nov-2012		Sep-2010		Oct-2009		Oct-2009		Sep-2008		Aug-2007		Aug-2006		Jun-2019	
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		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	2.1	U	2.1	U	0.10	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.37	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.43	U
1,1-Dichloroethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.26	U
1,1-Dichloroethene	5	2.5	U	2.5	U	0.10	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	0.10	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	0.10	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	UJ	0.10	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	UJ	0.10	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	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.3	U
Acetone	50	4.1	U	1.9	UJ	0.93	JB*	1.2	J	1.20	U	0.10	U*	0.10	U	10	U	4.4	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	0.2	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	0.34	U
Bromoform	50	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.54	U
Bromomethane	5	4.3	UJ	4.3	U	0.10	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	0.10	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	0.10	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	0.10	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	0.10	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	0.10	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	0.10	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	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.4	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	0.22	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	0.22	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	0.3	U
Methylene chloride	5	1.3	U	1.3	U	0.28	JB	0.4	JB	0.46	JB	0.10	U	0.10	U	10	U	0.32	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	0.42	U
Tetrachloroethene	5	2.1	U	14		7.2	JB	9.3	J	10	J	29		25		10	U	2.5	
Toluene	5	1.6	U	1.6	U	0.10	U	0.2	J	0.17	J	0.10	U	0.10	U	10	U	0.38	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.24	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	0.49	U
Trichloroethene	5	1.9	U	1.9	U	0.24	J	0.47	J	0.49	J	0.50	J*	1.1	J	2	J	0.31	U
Vinyl chloride	2	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	0.10	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	0.10	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		2013		2012		2010	
Sample Location:		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A		FSMW-10A	
Sample Date:		Mar-2018		Dec-2016		Oct-2015		Sep-2014		Oct-2013		Nov-2012		Nov-2012	
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	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
1,1-Dichloroethane	5	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
1,1-Dichloroethene	5	0.10	U	0.10	U	2.5	U	2.5	U	2.5	UJ	2.5	U	0.10	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.83	U	0.83	U	0.83	U	0.83	U	0.10	U
1,2-Dichloropropane	1	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
2-Butanone (MEK)	50	0.10	U	0.10	UJ	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
2-Hexanone	50	0.10	U	0.10	UJ	1.8	U	1.8	U	1.8	U	1.8	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	UJ	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Acetone	50	0.10	U	0.10	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.6	J
Benzene	1	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Bromodichloromethane	50	0.10	U	0.10	U	1.5	U	1.5	U	1.5	U	1.5	U	0.10	U
Bromoform	50	0.10	U	0.10	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ	0.10	U
Bromomethane	5	0.10	U	0.10	U	4.3	U	4.3	U	4.3	UJ	4.3	UJ	0.10	U
Carbon disulfide	60	0.10	U	0.10	U	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U
Carbon tetrachloride	5	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U
Chlorobenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Chlorobromomethane	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Chloroethane	5	0.10	U	0.10	UJ	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U
Chloroform	7	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
Chloromethane	5	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	0.25	J*
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	1.8	U	1.8	U	1.8	U	1.8	U	0.17	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.4	U	1.4	U	1.4	U	1.4	U	0.10	U
Ethylbenzene	5	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Methylene chloride	5	0.10	U	0.10	U	1.3	U	1.3	U	1.3	U	1.3	U	0.26	JB
Styrene	5	0.10	U	0.10	U	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U
Tetrachloroethene	5	2.0	J	0.69	U	3.2	J	3.2	U	140		12		200	B
Toluene	5	0.10	U	1.40	J	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U
Trichloroethene	5	0.10	U	0.10	U	1.9	U	1.9	U	2.3	J	1.9	U	1.9	J
Vinyl chloride	2	0.10	U	0.10	UJ	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	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2009		2008				2007		2006		2019		2018		2016		2015	
Sample Location:		FSMW-10A		FSMW-10A		FSMW-10A - Duplicate		FSMW-10A		FSMW-10A		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B	
Sample Date:		Sep-2009		Sep-2008		Sep-2008		Aug-2007		Aug-2006		Jun-2019		Mar-2018		Dec-2016		Oct-2015	
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)		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	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.24	U	0.10	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	10	U	0.37	U	0.10	U	0.10	UJ	1.5	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.43	U	0.10	U	0.10	U	1.9	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.26	U	0.10	U	0.10	UJ	1.7	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.26	U	0.10	U	0.10	U	2.5	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	10	UJ	0.43	U	0.10	U	0.10	U	0.83	U
1,2-Dichloropropane	1	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.35	U	0.10	U	0.10	U	1.7	U
2-Butanone (MEK)	50	0.10	U*	0.10	U	0.10	U	0.10	U	10	UJ	1.9	U	0.10	U	0.10	UJ	1.5	U
2-Hexanone	50	0.10	U*	0.10	U	0.10	U	0.10	U	10	U	1.1	U	0.10	U	0.10	UJ	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	0.10	U	10	U	1.3	U	0.10	U	0.10	UJ	1.7	U
Acetone	50	0.10	U*	0.10	U	0.10	U	0.10	U	10	U	4.4	U	0.10	U	0.10	UJ	1.9	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.2	U	0.10	U	0.10	U	1.6	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.34	U	0.10	U	0.10	U	1.5	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.54	U	0.10	U	0.10	U	5.0	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.55	U	0.10	U	0.10	U	4.3	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.82	U	0.10	U	0.10	U	2.1	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.21	U	0.10	U	0.10	U	2.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.38	U	0.10	U	0.10	U	1.6	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.41	U	0.10	U	0.10	U	1.7	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.32	U	0.10	U	0.10	UJ	2.5	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.33	U	0.10	U	0.10	U	1.9	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.4	U	0.10	U	0.10	UJ	2.3	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.22	U	0.10	U	0.10	U	1.8	U
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.22	U	0.10	U	0.10	U	1.4	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.3	U	0.10	U	0.10	U	1.6	U
Methylene chloride	5	0.36	JB	0.10	U	0.10	U	0.10	U	10	U	0.32	U	0.10	U	0.10	U	1.3	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.42	U	0.10	U	0.10	U	1.7	U
Tetrachloroethene	5	44		11		11		72		87		0.68	J	1.4	J	0.69	U	2.1	U
Toluene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.38	U	0.10	U	1.40	J	1.6	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.24	U	0.10	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	10	U	0.49	U	0.10	U	0.10	U	1.6	U
Trichloroethene	5	0.54	J	0.10	U	0.10	U	1.5	J	2	J	0.86	J	1.1	J	0.84	J	1.9	U
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	10	U	0.17	U	0.10	U	0.10	UJ	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	10	U	0.82	U	0.65	U	0.10	U	0.10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014		2013		2010		2009		2008		2007		2019		2018		2016	
Sample Location:		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-10B		FSMW-11		FSMW-11		FSMW-11	
Sample Date:		Oct-2014		Oct-2013		Sep-2010		Sep-2009		Sep-2008		Aug-2007		Jun-2019		Mar-2018		Dec-2016	
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		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)	
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	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	0.10	UJ
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	0.10	U
1,1-Dichloroethane	5	1.7	U	1.7	U	0.27	J	0.27	J	0.73	J	0.10	U	0.26	U	0.10	U	0.10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	0.11	J	0.12	J	0.10	U	0.10	U	0.26	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	0.43	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	0.35	U	0.10	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	0.10	UJ
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	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	0.10	U
Acetone	50	1.9	U	1.9	U	1.2	J	0.62	JB*	0.10	U*	0.10	U	4.4	U	0.10	U	0.10	UJ
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	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	0.10	U
Bromoform	50	5.0	UJ	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.54	U	0.10	U	0.10	U
Bromomethane	5	4.3	U	4.3	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.55	U	0.10	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	0.10	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	0.21	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	0.38	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	0.41	U	0.10	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	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	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	0.10	UJ
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	0.10	U	0.10	U	0.10	U	0.10	U	0.22	U	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	0.22	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	0.3	U	0.10	U	0.10	U
Methylene chloride	5	1.3	U	1.3	U	0.28	JB	0.34	JB	0.47	JB	0.10	U	0.32	U	0.10	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	0.10	U
Tetrachloroethene	5	2.1	U	2.1	U	0.86	J	0.55	J	0.10	U	0.34	J	0.61	J	0.65	J	1.00	J
Toluene	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	0.33	J
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	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	0.10	U
Trichloroethene	5	1.9	U	1.9	U	1.3	J	1.3	J	1.3	J	1.6	J	0.5	J	0.53	J	0.56	J
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	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	0.82	U	0.65	U	0.10	U	0.10	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2015		2014		2013				2010		2009		2008		2007		2006	
Sample Location:		FSMW-11		FSMW-11		FSMW-11		FSMW-11 - Duplicate		FSMW-11		FSMW-11		FSMW-11		FSMW-11		FSMW-11	
Sample Date:		Oct-2015		Sep-2014		Oct-2013		Oct-2013		Sep-2010		Sep-2009		Sep-2008		Aug-2007		Aug-2006	
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)		139-149 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	2.1	U	0.10	U	0.10	U	0.10	U	0.10	U	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	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	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	10	U
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	0.10	U	0.10	U	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	10	UJ
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	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	10	UJ
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	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	10	U
Acetone	50	1.9	U	1.9	U	1.9	U	1.9	U	1.6	J	1.5	U	0.10	U	0.10	UJ	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	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	10	U
Bromoform	50	5.0	U	5.0	U	5.0	U	5.0	U	0.10	U	0.10	U	0.10	U	0.10	U	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	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	10	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.13	J	0.10	U	1.3	J	0.6	J
Chlorobenzene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.10	U	0.10	U	0.10	U	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	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	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	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	10	U
cis-1,2-Dichloroethene	5	1.8	U	1.8	U	1.8	U	1.8	U	0.22	J	0.34	J	0.59	J	0.95	J	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	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	10	U
Methylene chloride	5	1.3	U	1.3	U	1.3	U	1.3	U	0.27	JB	0.41	JB	0.10	U	0.10	U	10	U
Styrene	5	1.7	U	1.7	U	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Tetrachloroethene	5	2.1	U	2.1	U	2.5	J	2.5	J	2.3	J	3.3	J	3.0	J	6.9	J	5.0	J
Toluene	5	1.6	U	1.6	U	1.6	U	1.6	U	0.10	U	0.29	J	0.10	U	0.10	U	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	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	10	U
Trichloroethene	5	1.9	U	1.9	U	4.8	J	4.9	J	3.0	J	4	J	13		22		21	
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	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	10	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	
Sample Location:		FSMW-12		FSMW-12		FSMW-12		FSMW-12		FSMW-12 - Duplicate		FSMW-12		FSMW-12		FSMW-12		FSMW-12	
Sample Date:		Jun-2019		Mar-2018		Dec-2016		Oct-2015		Oct-2015		Oct-2014		Oct-2013		Sep-2010		Sep-2009	
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)		139-149 feet bgs (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	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.37	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
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	0.26	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
1,1-Dichloroethene	5	0.26	U	0.10	U	0.10	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.11	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	2.8	J	1.1	JB*	0.75	J
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	U	5.0	UJ	5.0	U	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	0.21	U	0.10	U	0.10	U	2.0	U	2.0	U	2.0	U	2.0	U	0.10	U	0.10	U
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	0.33	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
Chloromethane	5	0.4	U	0.10	U	0.10	UJ	2.3	U	2.3	U	2.3	U	2.3	U	0.22	J*	0.10	U
cis-1,2-Dichloroethene	5	0.22	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
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	0.49	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	0.71	J	1.50	J	4.8	J	2.1	J	2.3	J	2.1	U	2.1	J	1.8	JB	0.65	J
Toluene	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	0.25	J
trans-1,2-Dichloroethene	5	0.24	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
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	0.31	U	6.9	J	5.7	J	6.6	J	6.4	J	3.7	J	1.9	J	2.2	J	2.4	J
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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2008				2007		2006		2022								2021	
Sample Location:		FSMW-12 Sep-2008 139-149 feet bgs (µg/L)		FSMW-12 - Duplicate Sep-2008 139-149 feet bgs (µg/L)		FSMW-12 Aug-2007 139-149 feet bgs (µg/L)		FSMW-12 Aug-2006 139-149 feet bgs (µg/L)		FSMW-13A Aug-2022 69-79 feet bgs (µg/L)		FSMW-13A (Duplicate) Aug-2022 69-79 feet bgs (µg/L)		FSMW-13A Feb-2022 69-79 feet bgs (µg/L)		FSMW-13A (Duplicate) Feb-2022 69-79 feet bgs (µg/L)		FSMW-13A Aug-2021 69-79 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	0.24	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	10	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	10	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	10	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	10	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	10	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	10	U	1.4		1.3		2.1		2.1		1.2	
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	10	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	10	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	0.10	U	0.10	U	10	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	50	0.10	U*	0.10	U*	0.10	U	10	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	1	0.10	U	0.10	U	0.10	U	10	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	10	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	10	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	10	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	10	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	10	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	10	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	10	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	10	U	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	10	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	10	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	0.10	U	0.10	U	0.10	U	10	U	2.6		2.9		2.4		2.6		4.1	
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	10	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	10	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.54	JB	0.10	U	0.10	U	10	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	10	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	0.10	U	0.10	U	2.3	J	10	U	76		77		67		73		91	
Toluene	5	0.10	U	0.10	U	0.10	U	10	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	10	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	0.10	U	10	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Trichloroethene	5	0.10	U*	0.10	U*	0.26	J	10	U	2.6		2.7		2.5		2.5		3.5	
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	10	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	10	U	0.82	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2021						2020				2019							
Sample Location:	NYSDEC Class GA GW Standard ¹ (µg/L)	FSMW-13A (Duplicate) Aug-2021 69-79 feet bgs (µg/L)		FSMW-13A Feb-2021 69-79 feet bgs (µg/L)		FSMW-13A (Duplicate) Feb-2021 69-79 feet bgs (µg/L)		FSMW-13A Sep-2020 69-79 feet bgs (µg/L)		FSMW-13A Mar-2020 69-79 feet bgs (µg/L)		FSMW-13A Dec-2019 69-79 feet bgs (µg/L)		FSMW-13A Sep-2019 69-79 feet bgs (µg/L)		FSMW-13A Jun-2019 69-79 feet bgs (µg/L)		FSMW-13A Mar-2019 69-79 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	UJ	0.12	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
1,2-Dichloropropane	1	1.4		1.3		1.3		1.3		0.35	U	1.3		0.98	J	1	J-	1.5	
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	8.1	J+	1.9	U	1.9	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	2.9	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	2.7	U
Acetone	50	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	5	U
Benzene	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	UJ	0.54	U	0.54	UJ	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	1	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.16	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	UJ	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.14	U
cis-1,2-Dichloroethene	5	4.3		5.2		5.1		8.4		11		9.2		7.6		8.4	J-	4.7	
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	UJ	0.46	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	UJ	0.32	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	96		110		110		240		640		270		250		280		120	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.28	J	0.24	U	0.4	J	0.34	J	0.54	J-	0.28	J
trans-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.49	UJ	0.49	U	0.49	U	0.49	U	0.49	U
Trichloroethene	5	4		4.8		4.8		8.5		38		9.2		8.2		9.2	J-	4	
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	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	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.3	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018										2017							
Sample Location:		FSMW-13A Dec-2018 69-79 feet bgs (µg/L)		FSMW-13A Sep-2018 69-79 feet bgs (µg/L)		FSMW-13A Jun-2018 69-79 feet bgs (µg/L)		FSMW-13A - Duplicate Jun-2018 69-79 feet bgs (µg/L)		FSMW-13A Mar-2018 69-79 feet bgs (µg/L)		FSMW-13A Dec-2017 69-79 feet bgs (µg/L)		FSMW-13A - Duplicate Dec-2017 69-79 feet bgs (µg/L)		FSMW-13A Sep-2017 69-79 feet bgs (µg/L)		FSMW-13A Jun-2017 69-79 feet bgs (µg/L)	
Sample Date:																			
Screen Interval: Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.24	U	0.24	U	0.24	U	0.24	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
1,1-Dichloroethene	5	0.12	U	0.12	U	0.12	U	0.12	U	0.20	U	0.20	J	0.20	U	0.15	J	0.10	UJ
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
1,2-Dichloropropane	1	1.2		1.2		1.4	J+	1		1.2	J	1.0	J	1.10	J	1.3	J	1.1	J
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
2-Hexanone	50	2.9	U	2.9	U	2.9	U	2.9	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	2.7	U	2.7	U	2.7	U	2.7	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Acetone	50	5	U	5	U	5	U	5	U	2.7	U	0.20	U	0.20	U	0.10	U	0.10	UJ
Benzene	1	0.43	U	0.43	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Bromomethane	5	1	U	1	U	1	U	1	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	UJ
Carbon disulfide	60	0.16	U	0.16	U	0.16	U	0.16	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Chloromethane	5	0.14	UJ	0.14	U	0.14	U	0.14	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	10		6.5		6.9	J+	6.3		6.6	J	8.3	J	8.1	J	7.6	J	6.5	J
cis-1,3-Dichloropropene	0.4	0.46	U	0.46	U	0.46	U	0.46	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.86	U	0.20	U	1.20	J	0.10	U	0.10	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Tetrachloroethene	5	280		190		200	J+	170		170		190		190		180		180	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.20	U	0.20	U	0.20	J	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	0.32	J	0.24	U	0.24	U	0.24	U	0.20	U	0.20	J	0.20	U	0.17	J	0.10	UJ
trans-1,3-Dichloropropene	0.4	0.49	U	0.49	U	0.49	U	0.49	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
Trichloroethene	5	10		5.6		7.9	J+	6.5		6.9	J	7.2	J	6.3	J	6.4	J	6.0	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.20	U	0.20	U	0.20	U	0.10	U	0.10	U
m+p Xylene	5	NA		NA		0.3	U	0.3	U	NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		0.36	U	0.36	U	NA		NA		NA		NA		NA	
Total Xylenes	5	0.65	U	0.65	U	NA		NA		0.20	U	0.20	U	0.20	U	0.10	U	0.10	UJ

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2017		2016								2015		2014	
Sample Location:		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A - Duplicate		FSMW-13A		FSMW-13A		FSMW-13A	
Sample Date:		Mar-2017		Dec-2016		Sep-2016		Sep-2016		Jul-2016		Apr-2016		Oct-2015	
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)	
Analyte															
1,1,1-Trichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	4.2	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	3.0	U
1,1,2-Trichloroethane	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.8	U
1,1-Dichloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.4	U
1,1-Dichloroethene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.21	J	0.18	J
1,2-Dichloroethane	0.6	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.7	U
1,2-Dichloropropane	1	0.10	U	1.3	J	1.0	J	1.0	J	0.96	J	0.37	J	0.47	J
2-Butanone (MEK)	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.0	U
2-Hexanone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.6	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	3.4	U
Acetone	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.8	U
Benzene	1	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U
Bromodichloromethane	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.0	U
Bromoform	50	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	8.6	U
Carbon disulfide	60	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	4.2	U
Carbon tetrachloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	4.0	U
Chlorobenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U
Chlorobromomethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.4	U
Chloroethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	5.0	U
Chloroform	7	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.8	U
Chloromethane	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	4.6	U
cis-1,2-Dichloroethene	5	6.9	J	5.4	J	6.2	J	6.5	J	5.4	J	7.1	J	7.2	J
cis-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.8	U
Ethylbenzene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U
Methylene chloride	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.6	U
Styrene	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.4	U
Tetrachloroethene	5	150		150		160		160		180		170	D	180	D
Toluene	5	0.26	J	0.26	J	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U
trans-1,2-Dichloroethene	5	0.10	U	0.10	U	0.12	J	0.18	J	0.10	U	0.18	J	0.16	J
trans-1,3-Dichloropropene	0.4	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	3.2	U
Trichloroethene	5	5.7	J	5.2	J	6.0	J	6.3	J	6.0	J	8.4	J	8.7	J
Vinyl chloride	2	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	4.6	U
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	1.6	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2013		2012		2010		2009		2008		2007		2006		2022			
Sample Location:		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13A		FSMW-13B		FSMW-13B	
Sample Date:		Oct-2013		Nov-2012		Sep-2010		Sep-2009		Sep-2008		Aug-2007		Aug-2006		Aug-2022		Feb-2022	
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)		119-129 feet bgs (µg/L)		119-129 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	40	U	0.24	U	0.24	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	40	U	0.37	U	0.37	U
1,1,2-Trichloroethane	1	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U	0.2	U	0.2	U
1,1-Dichloroethane	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U	0.26	U	0.26	UJ
1,1-Dichloroethene	5	2.5	U	2.5	U	0.25	J	0.2	J	0.10	U	0.10	U	40	U	0.26	U	0.26	U
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.10	U	0.10	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	0.35	J	0.25	J	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*	0.10	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	0.10	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	0.10	U	0.10	U	0.10	U	40	U	1.3	U	1.3	U
Acetone	50	6.5	U	1.9	U	0.44	JB*	0.10	U	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	0.10	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	0.10	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	0.10	U	0.10	U	0.10	U	40	U	0.54	U	0.54	U
Bromomethane	5	4.3	U	4.3	U	0.10	U	0.10	U	0.10	U	0.10	U	40	UJ	0.55	U	0.55	U
Carbon disulfide	60	2.1	U	2.1	U	0.1	U*	0.10	U	0.10	U	0.10	U	40	U	0.82	U	0.82	U
Carbon tetrachloride	5	2.0	U	2.0	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U	0.21	U	0.21	U
Chlorobenzene	5	1.6	U	1.6	U	0.10	U	0.10	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	0.10	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	0.10	U	0.10	U	0.10	U	40	UJ	0.32	U	0.32	U
Chloroform	7	1.9	U	1.9	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U	0.33	U	0.33	U
Chloromethane	5	2.3	U	2.3	U	0.10	U*	0.10	U	0.10	U	0.10	U	40	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	5.3	J	3.1	J	5.7	J	4.3	J	8.2	J	20		12	J	0.53	J	0.55	J
cis-1,3-Dichloropropene	0.4	1.4	U	1.4	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U	0.22	U	0.22	U
Ethylbenzene	5	1.6	U	1.6	U	0.10	U	0.10	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	0.39	JB	0.10	U	0.10	U	40	U	0.32	U	0.32	U
Styrene	5	1.7	U	1.7	U	0.10	U	0.10	U	0.10	U	0.10	U	40	U	0.42	U	0.42	U
Tetrachloroethene	5	140		19		240		200		95		570		360		20		16	
Toluene	5	1.6	U	1.6	U	0.10	U	0.10	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	0.12	J	0.16	J	0.10	U	0.10	U	40	U	0.24	U	0.24	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	40	U	0.22	U	0.22	U
Trichloroethene	5	5.8	J	1.9	U	6.5	J	4.7	J	8.2	J	20		13	J	1.3		1.1	
Vinyl chloride	2	2.3	U	2.3	U	0.10	U*	0.10	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	0.10	U	0.10	U	0.10	U	40	U	1.6	U	0.65	U	0.65	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2021				2020		2019				2018		2016		2015			
Sample Location:		FSMW-13B Aug-2021		FSMW-13B Feb-2021		FSMW-13B Sep-2020		FSMW-13B Jun-2019		FSMW-13B - Duplicate Jun-2019		FSMW-13B Mar-2018		FSMW-13B Dec-2016		FSMW-13B Oct-2015		FSMW-13B - Duplicate Oct-2015	
Sample Date:		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	
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	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.50	U	0.50	U	4.2	U	4.2	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.50	U	0.50	U	3.0	U	3.0	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.43	U	0.43	U	0.50	U	0.50	U	3.8	U	3.8	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.50	U	0.50	U	3.4	U	3.4	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.50	U	0.50	U	5.0	U	5.0	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.50	U	0.50	U	1.7	U	1.7	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.50	U	0.50	U	3.4	U	3.4	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.50	U	0.50	U	3.0	U	3.0	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	0.50	U	0.50	U	3.6	U	3.6	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.50	U	0.50	U	3.4	U	3.4	U
Acetone	50	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	6.4	U	0.50	U	3.8	U	3.8	U
Benzene	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.50	U	0.50	U	3.2	U	3.2	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.50	U	0.50	U	3.0	U	3.0	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.50	U	0.50	U	10	U	10	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.50	U	0.50	U	8.6	U	8.6	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.50	U	0.50	U	4.2	U	4.2	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.50	U	0.50	U	4.0	U	4.0	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.50	U	0.50	U	3.2	U	3.2	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.50	U	0.50	U	3.4	U	3.4	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.50	U	0.50	U	5.0	U	5.0	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.50	U	0.50	U	3.8	U	3.8	U
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.50	U	0.50	U	4.6	U	4.6	U
cis-1,2-Dichloroethene	5	0.42	J	0.22	U	0.65	J	1.8		1.7		11	J	7.1	J	3.6	U	3.6	U
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.50	U	0.50	U	2.8	U	2.8	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.50	U	0.50	U	3.2	U	3.2	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	2.4	U	0.50	U	2.6	U	2.6	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.50	U	0.50	U	3.4	U	3.4	U
Tetrachloroethene	5	22		13		17		77		75		450		400		180		200	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.50	U	0.50	U	3.2	U	3.2	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.50	U	0.50	U	3.8	U	3.8	U
trans-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.49	U	0.49	U	0.50	U	0.50	U	3.2	U	3.2	U
Trichloroethene	5	0.85	J	1.3		1.4		3.5		3.3		24	J	16	J	12	J	12	J
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.50	U	0.50	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	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.50	U	0.50	U	1.6	U	1.6	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014		2013		2012		2010				2009				2008			
Sample Location:		FSMW-13B Oct-2014		FSMW-13B Oct-2013		FSMW-13B Nov-2012		FSMW-13B Sep-2010		FSMW-13B - Duplicate Sep-2010		FSMW-13B Sep-2009		FSMW-13B - Duplicate Sep-2009		FSMW-13B Sep-2008		FSMW-13B - Duplicate Sep-2008	
Sample Date:		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	
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	4.2	U	11	U	2.1	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
1,1,2,2-Tetrachloroethane	5	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
1,1,2-Trichloroethane	1	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
1,1-Dichloroethane	5	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
1,1-Dichloroethene	5	5.0	U	13	U	2.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
1,2-Dichloroethane	0.6	1.7	U	4.2	U	0.83	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
1,2-Dichloropropane	1	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
2-Butanone (MEK)	50	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U
2-Hexanone	50	3.6	U	9.0	U	1.8	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Acetone	50	3.8	U	9.5	U	1.9	U	1.2	J	0.93	JB*	15	J	18	J	0.10	U*	0.10	U*
Benzene	1	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Bromodichloromethane	50	3.0	U	7.5	U	1.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Bromoform	50	10	U	25	U	5.0	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Bromomethane	5	8.6	U	22	U	4.3	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Carbon disulfide	60	4.2	U	11	U	2.1	U	0.10	U	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U
Carbon tetrachloride	5	4.0	U	10	U	2.0	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Chlorobenzene	5	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Chlorobromomethane	5	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroethane	5	5.0	U	13	U	2.5	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloroform	7	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Chloromethane	5	4.6	U	12	U	2.3	U	0.20	J*	0.10	U*	2.5	U	2.5	U	0.10	U	0.10	U
cis-1,2-Dichloroethene	5	5.5	J	17	J	9.4	J	1.7	J	2.0	J	21	J	22	J	19		20	
cis-1,3-Dichloropropene	0.4	2.8	U	7.0	U	1.4	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Ethylbenzene	5	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Methylene chloride	5	2.6	U	6.5	U	1.3	U	0.25	JB	0.30	JB	49	JB	48	JB	0.20	JB	0.10	U
Styrene	5	3.4	U	8.5	U	1.7	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Tetrachloroethene	5	330		770		620	D	450	B	460		3,700		3,700		1,900		2,000	
Toluene	5	3.2	U	8.0	U	1.6	U	0.11	J	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
trans-1,2-Dichloroethene	5	3.8	U	9.5	U	1.9	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
trans-1,3-Dichloropropene	0.4	3.2	U	8.0	U	1.6	U	0.10	U	0.10	U	2.5	U	2.5	U	0.10	U	0.10	U
Trichloroethene	5	31		110		60		8.8	J	9.0	J	71	J	72	J	50		57	
Vinyl chloride	2	4.6	U	12	U	2.3	U	0.10	U*	0.10	U*	2.5	U	2.5	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	4.1	U	0.82	U	0.10	U	0.10	U	2.5	U	2.5	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		2022				2021				2020		2019		2018	
Sample Location:		FSMW-13B		FSMW-13B		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C		FSMW-13C	
Sample Date:		Aug-2007		Aug-2006		Aug-2022		Feb-2022		Aug-2021		Feb-2021		Sep-2020		Jun-2019		Mar-2018	
Screen Interval: Units:		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	0.10	U	200	U	1.6		1.2		0.75	J	1.1		1.5		0.8	J	1.2	J
1,1,2,2-Tetrachloroethane	5	0.10	U	200	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.10	U
1,1,2-Trichloroethane	1	0.10	U	200	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U	0.10	U
1,1-Dichloroethane	5	0.10	U	200	U	1.2		0.8	J	0.8	J	1.1		1.1		0.73	J	0.96	J
1,1-Dichloroethene	5	0.10	U	200	U	8.9		5.9		4.8		6.7		11		6.5		6.7	J
1,2-Dichloroethane	0.6	0.10	U	200	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.10	U
1,2-Dichloropropane	1	0.10	U	200	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.10	U
2-Butanone (MEK)	50	0.10	U	200	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U
2-Hexanone	50	0.10	U	200	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	200	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.10	U
Acetone	50	0.10	U	200	U	4.4	U	4.4	U	4.4	U	4.4	U	5		4.4	U	0.10	U
Benzene	1	0.10	U	200	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.10	U
Bromodichloromethane	50	0.10	U	200	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.10	U
Bromoform	50	0.10	U	200	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.10	U
Bromomethane	5	0.10	U	200	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.10	U
Carbon disulfide	60	0.10	U	200	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U
Carbon tetrachloride	5	0.10	U	200	U	0.94	J	0.56	J	0.4	J	0.82	J	1.3		5.6		3.4	J
Chlorobenzene	5	0.45	J	200	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.10	U
Chlorobromomethane	5	0.10	U	200	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.10	U
Chloroethane	5	0.10	U	200	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.10	U
Chloroform	7	0.10	U	200	U	3.4		3.2		2.6		4		4.2		6.9		3.8	J
Chloromethane	5	0.10	U	200	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.10	U
cis-1,2-Dichloroethene	5	23		23	J	6.1		4.1		7.4		19		20		42		39	
cis-1,3-Dichloropropene	0.4	0.10	U	200	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.10	U
Ethylbenzene	5	0.10	J	200	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.10	U
Methylene chloride	5	0.10	U	200	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.10	U
Styrene	5	0.10	U	200	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.10	U
Tetrachloroethene	5	2,700		2,900		11		6.8		7.8		8.2		16		50		40	
Toluene	5	0.10	U	200	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.10	J
trans-1,2-Dichloroethene	5	0.10	U	200	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.5	J	0.43	J
trans-1,3-Dichloropropene	0.4	0.10	U	200	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.49	U	0.10	U
Trichloroethene	5	65		69	J	33		20		20		37		79		280		200	
Vinyl chloride	2	0.10	U	200	U	0.77	J	3.4		11		0.17	U	0.17	U	0.17	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	200	U	1.6	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	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		2009		2008	
Sample Location:		FSMW-13C Dec-2016 239-249 feet bgs (µg/L)		FSMW-13C Oct-2015 239-249 feet bgs (µg/L)		FSMW-13C Sep-2014 239-249 feet bgs (µg/L)		FSMW-13C Oct-2013 239-249 feet bgs (µg/L)		FSMW-13C - Duplicate Oct-2013 239-249 feet bgs (µg/L)		FSMW-13C Nov-2012 239-249 feet bgs (µg/L)		FSMW-13C Sep-2010 239-249 feet bgs (µg/L)		FSMW-13C Sep-2009 239-249 feet bgs (µg/L)		FSMW-13C Sep-2008 239-249 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	0.88	J	4.2	U	4.2	U	4.2	U	2.1	U	2.1	U	1.1	J	1.2	J	1.4	J
1,1,2,2-Tetrachloroethane	5	0.10	UJ	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U	0.5	U	0.10	U
1,1,2-Trichloroethane	1	0.10	UJ	3.8	U	3.8	U	3.8	U	1.9	U	1.9	U	0.20	J	0.5	U	0.10	U
1,1-Dichloroethane	5	0.69	J	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	1.3	J	1.1	J	0.88	J
1,1-Dichloroethene	5	4.3	J	5.0	U	5.0	U	5.0	UJ	2.6	J	2.5	U	4.4	J	4.5	J	0.10	U
1,2-Dichloroethane	0.6	0.10	U	1.7	U	1.7	U	1.7	U	0.83	U	0.83	U	0.10	U	0.5	U	0.10	U
1,2-Dichloropropane	1	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U
2-Butanone (MEK)	50	0.10	UJ	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U*	0.5	U	0.10	U
2-Hexanone	50	0.10	U	3.6	U	3.6	U	3.6	U	1.8	U	1.8	U	0.10	U	0.5	U	0.10	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U
Acetone	50	0.10	UJ	3.8	U	3.8	U	3.8	U	21	U	1.9	U	0.96	JB*	3.8	J	0.10	U*
Benzene	1	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U
Bromodichloromethane	50	0.10	U	3.0	U	3.0	U	3.0	U	1.5	U	1.5	U	0.10	U	0.5	U	0.10	U
Bromoform	50	0.10	U	10	U	10	UJ	10	U	5.0	U	5.0	UJ	0.10	U	0.5	U	0.10	U
Bromomethane	5	0.10	U	8.6	U	8.6	U	8.6	U	4.3	U	4.3	U	0.10	U	0.5	U	0.10	U
Carbon disulfide	60	0.10	U	4.2	U	4.2	U	4.2	U	2.1	U	2.1	U	0.10	U*	0.5	U	0.10	U
Carbon tetrachloride	5	3.8	J	8.5	J	7.6	J	6.0	J	6.9	J	2.0	U	20		16	J	28	
Chlorobenzene	5	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U
Chlorobromomethane	5	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U
Chloroethane	5	0.10	U	5.0	U	5.0	U	5.0	U	2.5	U	2.5	U	0.10	U	0.5	U	0.10	U
Chloroform	7	2.8	J	4.7	J	5.2	J	3.8	U	3.5	J	1.9	U	2.1	J	2.1	J	1.60	J
Chloromethane	5	0.10	UJ	4.6	U	4.6	U	4.6	U	2.3	U	2.3	U	0.10	U*	0.5	U	0.10	U
cis-1,2-Dichloroethene	5	34		56		61		79		78		1.8	U	53		39	J	28	
cis-1,3-Dichloropropene	0.4	0.10	U	2.8	U	2.8	U	2.8	U	1.4	U	1.4	U	0.10	U	0.5	U	0.10	U
Ethylbenzene	5	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U
Methylene chloride	5	0.10	U	2.6	U	2.6	U	2.6	U	1.3	U	1.3	U	0.23	JB	8.4	JB	0.42	JB
Styrene	5	0.10	U	3.4	U	3.4	U	3.4	U	1.7	U	1.7	U	0.10	U	0.5	U	0.10	U
Tetrachloroethene	5	39		58		63		64		70		640	J	100	B	96		67	
Toluene	5	0.17	J	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.11	J	0.5	U	0.10	U
trans-1,2-Dichloroethene	5	0.33	J	3.8	U	3.8	U	3.8	U	1.9	U	1.9	U	0.55	J	0.93	J	2.0	J
trans-1,3-Dichloropropene	0.4	0.10	U	3.2	U	3.2	U	3.2	U	1.6	U	1.6	U	0.10	U	0.5	U	0.10	U
Trichloroethene	5	180		300		340		390		410	D	13		560		510		410	
Vinyl chloride	2	0.10	U	4.6	U	4.6	U	4.6	U	2.3	U	2.3	U	0.10	U*	0.5	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	0.10	U	1.6	U	1.6	U	0.82	U	0.82	U	0.10	U	0.5	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		2022				2021				2020			
Sample Location:		FSMW-13C		FSMW-13C		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate	
Sample Date:		Aug-2007		Aug-2006		Aug-2022		Feb-2022		Aug-2021		Feb-2021		Sep-2020		Sep-2020	
Screen Interval: Units:		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)	
Analyte																	
1,1,1-Trichloroethane	5	1.8	J	40	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	40	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	40	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.72	J	40	U	0.26	U	0.26	UJ	0.26	U	0.26	U	0.26	U	0.26	U
1,1-Dichloroethene	5	5.3	J	40	U	0.26	U	0.26	U	0.26	U	0.33	J	0.43	J	0.46	J
1,2-Dichloroethane	0.6	0.10	U	40	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	40	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	40	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
2-Hexanone	50	0.10	U	40	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-Pentanone (MIBK)	NC	0.10	U	40	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
Acetone	50	0.10	U	40	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U
Benzene	1	0.10	U	40	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.10	U	40	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Bromoform	50	0.10	U	40	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Bromomethane	5	0.10	U	40	UJ	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
Carbon disulfide	60	0.10	U	40	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U
Carbon tetrachloride	5	36		42		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
Chlorobenzene	5	0.10	U	40	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chlorobromomethane	5	0.10	U	40	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	5	0.10	U	40	UJ	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Chloroform	7	1.7	J	1	J	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Chloromethane	5	0.10	U	40	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
cis-1,2-Dichloroethene	5	20		15	J	0.77	J	1		0.56	J	2.6		2.8		2.9	
cis-1,3-Dichloropropene	0.4	0.10	U	40	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Ethylbenzene	5	0.10	U	40	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	40	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Styrene	5	0.10	U	40	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Tetrachloroethene	5	88		89		32		45		31		85		230		230	
Toluene	5	0.10	U	40	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	40	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	40	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Trichloroethene	5	530		500		2.2		2.4		1.2		4.5		6.9		7	
Vinyl chloride	2	0.10	U	40	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	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	40	U	82	U	0.65	U	0.65	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)	2020		2019										2018					
Sample Location:		FSMW-14A - Duplicate Mar-2020		FSMW-14A Dec-2019		FSMW-14A - Duplicate Dec-2019		FSMW-14A Sep-2019		FSMW-14A - Duplicate Sep-2019		FSMW-14A Jun-2019		FSMW-14A Mar-2019		FSMW-14A Dec-2018		FSMW-14A Sep-2018	
Sample Date:		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	
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	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.48	U	2.4	U	4.8	UJ
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.73	U	3.7	U	7.3	UJ
1,1,2-Trichloroethane	1	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.87	U	4.3	U	8.7	UJ
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.53	U	2.6	U	5.3	UJ
1,1-Dichloroethene	5	0.51	J	0.43	J	0.45	J	0.46	J	0.41	J	0.26	U	0.75	J	1.2	U	2.3	UJ
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.86	U	4.3	U	8.6	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.71	U	3.5	U	7.1	UJ
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	8.3	J+	11	J+	1.9	U	3.7	U	19	U	37	UJ
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	5.8	U	29	U	58	UJ
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	5.5	U	27	U	55	UJ
Acetone	50	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	10	U	52	B	100	UJ
Benzene	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.86	U	4.3	U	8.6	UJ
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.69	U	3.4	U	6.9	UJ
Bromoform	50	0.54	U	0.54	UJ	0.54	UJ	0.54	U	0.54	U	0.54	U	1.1	U	5.4	U	11	UJ
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	2	U	10	UJ	20	UJ
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.31	U	1.6	U	3.1	UJ
Carbon tetrachloride	5	0.21	U	0.21	UJ	0.21	UJ	0.21	U	0.21	U	0.21	U	0.42	U	2.1	U	4.2	UJ
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.75	U	3.8	U	7.5	UJ
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.82	U	4.1	U	8.2	UJ
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.64	U	3.2	U	6.4	UJ
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.65	U	3.3	U	6.5	UJ
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	UJ	0.29	U	1.4	UJ	2.9	UJ
cis-1,2-Dichloroethene	5	4.1		3.6		4		2.7		2.8		2		0.98	J	2.7	J	4.4	UJ
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.91	U	4.6	U	9.1	UJ
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.6	U	3	U	6	UJ
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.63	U	3.2	U	6.3	UJ
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.83	U	4.2	U	8.3	UJ
Tetrachloroethene	5	230		260		300		340		350		390		570		2,900		3,000	J-
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.76	U	3.8	U	7.6	UJ
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.37	J	0.24	U	0.24	U	0.24	U	0.47	U	2.4	U	4.7	UJ
trans-1,3-Dichloropropene	0.4	0.49	UJ	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	0.97	U	4.9	U	9.7	UJ
Trichloroethene	5	7.6		8.2		9.4		7.8		8.2		8.7		11		42		42	J-
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.34	U	1.7	U	3.4	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	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.59	U	6.5	U	13	UJ

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018						2017								2016			
Sample Location:		FSMW-14A Jun-2018		FSMW-14A Mar-2018		FSMW-14A Dec-2017		FSMW-14A Sep-2017		FSMW-14A Jun-2017		FSMW-14A - Duplicate Jun-2017		FSMW-14A Mar-2017		FSMW-14A - Duplicate Mar-2017		FSMW-14A Dec-2016	
Sample Date:		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	
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	1.2	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.23	J	0.15	J	2.0	U
1,1,2,2-Tetrachloroethane	5	1.8	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ
1,1,2-Trichloroethane	1	2.2	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
1,1-Dichloroethane	5	1.3	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.56	J	0.67	J	2.0	U
1,1-Dichloroethene	5	0.59	U	2.0	U	2.5	U	2.5	U	2.5	UJ	2.5	UJ	0.10	U	0.10	U	2.0	U
1,2-Dichloroethane	0.6	2.2	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	UJ	0.10	UJ	2.0	U
1,2-Dichloropropane	1	1.8	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ
2-Butanone (MEK)	50	9.3	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ
2-Hexanone	50	15	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
4-Methyl-2-Pentanone (MIBK)	NC	14	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	UJ
Acetone	50	25	U	2.0	U	2.5	U	2.5	U	2.5	UJ	2.5	UJ	0.10	UJ	0.10	UJ	2.0	U
Benzene	1	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Bromodichloromethane	50	1.7	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Bromoform	50	2.7	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Bromomethane	5	5	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Carbon disulfide	60	0.78	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Carbon tetrachloride	5	1	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Chlorobenzene	5	1.9	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.37	J	0.34	J	2.0	U
Chlorobromomethane	5	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Chloroethane	5	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Chloroform	7	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Chloromethane	5	0.72	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
cis-1,2-Dichloroethene	5	14		35	J	23	J	39	J	50	J	45	J	21		21		8.9	J
cis-1,3-Dichloropropene	0.4	2.3	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Ethylbenzene	5	1.5	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Methylene chloride	5	1.6	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Styrene	5	2.1	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Tetrachloroethene	5	1,600		3,100		2,300		2,900		3,600		3,600		1,700	D	1,800	D	1,600	
Toluene	5	1.9	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
trans-1,2-Dichloroethene	5	1.2	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.27	J	0.28	J	2.0	U
trans-1,3-Dichloropropene	0.4	2.4	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
Trichloroethene	5	45		100	J	57	J	89	J	100	J	100	J	86		83	J	36	J
Vinyl chloride	2	0.86	U	2.0	U	2.5	U	2.5	U	2.5	U	2.5	U	0.10	U	0.10	U	2.0	U
m+p Xylene	5	1.5	U	NA		NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	1.8	U	NA		NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	NA		2.0	U	2.5	U	2.5	U	2.5	UJ	2.5	UJ	0.10	U	0.10	U	2.0	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2016										2015				2014		2013	
Sample Location:		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A		FSMW-14A - Duplicate		FSMW-14A		FSMW-14A	
Sample Date:		Dec-2016		Sep-2016		Jun-2016		Jun-2016		Apr-2016		Sep-2015		Sep-2015		Oct-2014		Oct-2013	
Screen Interval: Units:		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)		119-129 feet bgs (µg/L)	
Analyte																			
1,1,1-Trichloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U
1,1,2,2-Tetrachloroethane	5	2.0	UJ	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U
1,1,2-Trichloroethane	1	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U
1,1-Dichloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
1,1-Dichloroethene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U
1,2-Dichloroethane	0.6	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	17	U	17	U	83	U	0.83	U
1,2-Dichloropropane	1	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
2-Butanone (MEK)	50	2.0	UJ	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U
2-Hexanone	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	36	U	36	U	180	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
Acetone	50	2.0	UJ	2.0	UJ	2.0	UJ	2.0	UJ	2.0	U	38	U	38	U	190	U	3.6	U
Benzene	1	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
Bromodichloromethane	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	30	U	30	U	150	U	1.5	U
Bromoform	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	100	U	100	U	500	UJ	5.0	U
Bromomethane	5	2.0	U	2.0	UJ	2.0	U	2.0	U	2.0	U	86	U	86	U	430	U	4.3	U
Carbon disulfide	60	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	42	U	42	U	210	U	2.1	U
Carbon tetrachloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	40	U	40	U	200	U	2.0	U
Chlorobenzene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
Chlorobromomethane	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
Chloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	50	U	50	U	250	U	2.5	U
Chloroform	7	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U
Chloromethane	5	2.0	UJ	2.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U	230	U	2.3	U
cis-1,2-Dichloroethene	5	7.2	J	13	J	18	J	17	J	7.5	J	36	U	36	U	180	U	61	
cis-1,3-Dichloropropene	0.4	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	28	U	28	U	140	U	1.4	U
Ethylbenzene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
Methylene chloride	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	26	U	26	U	130	U	1.3	U
Styrene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	34	U	34	U	170	U	1.7	U
Tetrachloroethene	5	1,400		2,000		2,100		2,100		2,000		2,700		3,300		10,000		12,000	D
Toluene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
trans-1,2-Dichloroethene	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	38	U	38	U	190	U	1.9	U
trans-1,3-Dichloropropene	0.4	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	32	U	32	U	160	U	1.6	U
Trichloroethene	5	32	J	50	J	62	J	57	J	44	J	80	J	100	J	340	J	340	J
Vinyl chloride	2	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U	230	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	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	16	U	16	U	0.82	U	33	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:		2013		2012		2010		2009		2008		2007		2006	
Sample Location:	NYSDEC Class GA GW Standard ¹ (µg/L)	FSMW-14A - Duplicate Oct-2013 119-129 feet bgs (µg/L)		FSMW-14A Nov-2012 119-129 feet bgs (µg/L)		FSMW-14A Sep-2010 119-129 feet bgs (µg/L)		FSMW-14A Sep-2009 119-129 feet bgs (µg/L)		FSMW-14A Sep-2008 119-129 feet bgs (µg/L)		FSMW-14A - Duplicate Sep-2008 119-129 feet bgs (µg/L)		FSMW-14A Aug-2007 119-129 feet bgs (µg/L)	
Sample Date:															
Screen Interval:															
Units:															
Analyte															
1,1,1-Trichloroethane	5	84	U	2.1	U	8.4	U	4.0	U	50	U	5.0	U	12	2,000
1,1,2,2-Tetrachloroethane	5	60	U	1.5	U	6	U	4.0	U	50	U	5.0	U	0.10	2,000
1,1,2-Trichloroethane	1	76	U	1.9	U	7.6	U	4.0	U	50	U	5.0	U	0.10	2,000
1,1-Dichloroethane	5	68	U	1.7	U	6.8	U	4.0	U	1.8	J	5.0	U	5.0	U
1,1-Dichloroethene	5	100	U	2.5	U	10	U	6.9	J	3.2	J	5.0	U	5.0	U
1,2-Dichloroethane	0.6	33	U	0.83	U	3.3	U	4.0	U	50	U	5.0	U	0.10	2,000
1,2-Dichloropropane	1	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	0.10	2,000
2-Butanone (MEK)	50	60	U	1.5	UJ	6	UJ	4.0	U*	50	U	5.0	U	0.10	2,000
2-Hexanone	50	72	U	1.8	UJ	7.2	UJ	4.0	U*	50	U	5.0	U	0.10	2,000
4-Methyl-2-Pentanone (MIBK)	NC	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	0.10	2,000
Acetone	50	76	U	1.9	UJ	7.6	UJ	7.6	JB*	280	JB	5.0	U*	0.10	2,000
Benzene	1	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	0.10	2,000
Bromodichloromethane	50	60	U	1.5	U	6	U	4.0	U	50	U	5.0	U	0.10	2,000
Bromoform	50	200	U	5.0	UJ	20	UJ	4.0	U	50	U	5.0	U	0.10	2,000
Bromomethane	5	170	U	4.3	U	17	U	4.0	U	50	U	5.0	U	0.10	2,000
Carbon disulfide	60	84	U	2.1	U	8.4	U	4.0	U	50	U	5.0	U	0.10	2,000
Carbon tetrachloride	5	80	U	2.0	U	8.0	U	4.0	U	50	U	5.0	U	0.10	2,000
Chlorobenzene	5	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	8.3	J
Chlorobromomethane	5	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	0.10	2,000
Chloroethane	5	100	U	2.5	U	10	U	4.0	U	50	U	5.0	U	0.10	2,000
Chloroform	7	76	U	1.9	U	7.6	U	4.0	U	50	U	66	J	67	J
Chloromethane	5	92	U	2.3	U	9.2	U	4.0	U	50	U	5.0	U	0.10	2,000
cis-1,2-Dichloroethene	5	72	R	190		190		330	J	440	J	570		590	
cis-1,3-Dichloropropene	0.4	56	U	1.4	U	5.6	U	4.0	U	50	U	5.0	U	0.10	2,000
Ethylbenzene	5	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	0.30	J
Methylene chloride	5	52	U	1.3	U	5.2	U	41	JB	1,000	JB	64	JB	56	JB
Styrene	5	68	U	1.7	U	6.8	U	4.0	U	50	U	5.0	U	0.10	2,000
Tetrachloroethene	5	11,000	D	37,000	D	34,000	D	48,000		59,000		58,000		61,000	
Toluene	5	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	2.9	J
trans-1,2-Dichloroethene	5	76	U	1.9	U	7.6	U	4.4	J	50	U	5.0	U	5.9	J
trans-1,3-Dichloropropene	0.4	64	U	1.6	U	6.4	U	4.0	U	50	U	5.0	U	0.10	2,000
Trichloroethene	5	340	J	1,400	J	1,400	J	1,500		1,800	J	2,200		2,100	
Vinyl chloride	2	92	U	2.3	U	9.2	U	4.0	U	50	U	5.0	U	0.94	J
m+p Xylene	5	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	5	0.82	U	3.3	U	4.0	U	50	U	5.0	U	1.6	J	2,000	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2022				2021				2020				2019			
Sample Location:		FSMW-14B Aug-2022		FSMW-14B Feb-2022		FSMW-14B Aug-2021		FSMW-14B Feb-2021		FSMW-14B Sep-2020		FSMW-14B Mar-2020		FSMW-14B Dec-2019		FSMW-14B Sep-2019	
Sample Date:		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	
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	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.48	U	1.2	U	1.2	U
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.73	U	1.8	U	1.8	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.87	U	2.2	U	2.2	U
1,1-Dichloroethane	5	0.26	U	0.26	UJ	0.26	U	0.26	U	0.26	U	0.53	U	1.3	U	1.3	U
1,1-Dichloroethene	5	0.5	J	0.26	U	0.68	J	0.56	J	0.62	J	0.53	U	1.3	U	1.3	U
1,2-Dichloroethane	0.6	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.86	U	2.2	U	2.2	U
1,2-Dichloropropane	1	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.71	U	1.8	U	1.8	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	3.7	U	9.3	U	9.3	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	2.3	U	5.7	U	5.7	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	2.6	U	6.5	U	6.5	U
Acetone	50	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	8.8	U	52	U	22	U
Benzene	1	0.28	J	0.2	U	0.7	J	0.2	U	0.62	J	0.41	U	1	U	1	U
Bromodichloromethane	50	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.69	U	1.7	U	1.7	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	UJ	1.1	U	2.7	UJ	2.7	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	1.1	UJ	2.8	U	2.8	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	1.6	U	4.1	U	4.1	U
Carbon tetrachloride	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.42	U	1	UJ	1	U
Chlorobenzene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.75	U	1.9	U	1.9	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.82	U	2.1	U	2.1	U
Chloroethane	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.64	UJ	1.6	U	1.6	U
Chloroform	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.65	U	1.6	U	1.6	U
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.8	UJ	2	U	2	U
cis-1,2-Dichloroethene	5	0.67	J	0.22	U	2.1		5.6		1.9		9.4		9.3		8.9	
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.44	U	1.1	U	1.1	U
Ethylbenzene	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.6	U	1.5	U	1.5	U
Methylene chloride	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.63	U	1.6	U	1.6	U
Styrene	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.83	U	2.1	U	2.1	U
Tetrachloroethene	5	210		32		300		210		340		930		1,100		1,300	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.76	U	1.9	U	1.9	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.47	U	1.2	U	1.2	U
trans-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.97	UJ	2.4	U	2.4	U
Trichloroethene	5	5.6		1.1		9.5		14		9.9		33		33		38	
Vinyl chloride	2	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.34	UJ	0.86	U	0.86	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	0.65	U	0.65	U	0.65	U	0.65	U	1.3	U	3.3	U	3.3	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2018												2017					
Sample Location:		FSMW-14B Mar-2019		FSMW-14B Dec-2018		FSMW-14B Sep-2018		FSMW-14B Jun-2018		FSMW-14B Mar-2018		FSMW-14B - Duplicate Mar-2018		FSMW-14B Dec-2017		FSMW-14B Sep-2017		FSMW-14B - Duplicate Sep-2017	
Sample Date:		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	
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	1.2	U	1.2	U	1.2	UJ	1.2	U	2.0	U	2.5	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	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	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	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	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	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	2.5	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	2.5	U
2-Hexanone	50	15	U	15	U	15	UJ	15	U	2.0	U	2.5	U	2.5	U	2.5	U	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	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	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	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	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	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	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	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	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	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	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	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	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	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	4.2	U
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	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	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	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	2.5	U
Tetrachloroethene	5	950		1,300		1,100	J-	1,600		2,100		2,400		2,300		2,000		1,900	
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	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	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	2.5	U
Trichloroethene	5	29		36		33	J-	33		53	J	53	J	44	J	36	J	37	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	2.5	U
m+p Xylene	5	NA		NA		NA		1.5	U	NA		NA		NA		NA		NA	
o-Xylene	5	NA		NA		NA		1.8	U	NA		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	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-2017		FSMW-14B Mar-2017		FSMW-14B Dec-2016		FSMW-14B Sep-2016		FSMW-14B Jun-2016		FSMW-14B Apr-2016		FSMW-14B - Duplicate Apr-2016		FSMW-14B Sep-2015		FSMW-14B Oct-2014	
Sample Date:		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	
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	2.5	U	1.0	U	1.0	U	1.0	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	U	1.0	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	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	34	U	34	U
1,1-Dichloroethene	5	2.5	U	1.0	U	1.0	U	1.0	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	17	U	17	U
1,2-Dichloropropane	1	2.5	U	1.0	U	1.0	U	1.0	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	U	1.0	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	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	34	U	34	U
Acetone	50	2.5	U	1.0	U	1.0	U	1.0	U	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	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	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	100	U	100	U
Bromomethane	5	2.5	U	1.0	U	1.0	U	1.0	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	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	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	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	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	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	38	U	38	U
Chloromethane	5	2.5	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U	46	U	46	U
cis-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	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	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	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	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	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	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	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	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	46	U	46	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	1.0	U	1.0	U	1.0	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 Class GA GW Standard ¹ (µg/L)	FSMW-14B - Duplicate Oct-2014 159-169 feet bgs (µg/L)		FSMW-14B Oct-2013 159-169 feet bgs (µg/L)		FSMW-14B Nov-2012 159-169 feet bgs (µg/L)		FSMW-14B Sep-2010 159-169 feet bgs (µg/L)		FSMW-14B - Duplicate Sep-2010 159-169 feet bgs (µg/L)		FSMW-14B Sep-2009 159-169 feet bgs (µg/L)		FSMW-14B Sep-2008 159-169 feet bgs (µg/L)		FSMW-14B Aug-2007 159-169 feet bgs (µg/L)		FSMW-14B Aug-2006 159-169 feet bgs (µg/L)	
Sample Date:																			
Screen Interval:																			
Units:																			
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:	NYSDEC Class GA GW Standard ¹ (µg/L)	2022				2021				2020		2019		2018		2016		2015	
Sample Location:		FSMW-14C Aug-2022		FSMW-14C Feb-2022		FSMW-14C Aug-2021		FSMW-14C Feb-2021		FSMW-14C Sep-2020		FSMW-14C Jun-2019		FSMW-14C Mar-2018		FSMW-14C Dec-2016		FSMW-14C Sep-2015	
Sample Date:		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	
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	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.10	U	0.10	U	2.1	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	UJ	1.5	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.43	U	0.10	U	0.10	U	1.9	U
1,1-Dichloroethane	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.39	J	0.97	J	0.10	U	1.7	U
1,1-Dichloroethene	5	0.26	U	0.26	U	0.27	J	0.65	J	0.5	J	1		4.1	J	1.0	J	2.5	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	0.83	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	1.7	U
2-Butanone (MEK)	50	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	0.10	U	0.10	UJ	1.5	U
2-Hexanone	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	0.10	U	0.10	U	1.8	U
4-Methyl-2-Pentanone (MIBK)	NC	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	0.10	U	0.10	U	1.7	U
Acetone	50	4.4	U	4.4	U	4.4	U	6.9		4.4	U	4.4	U	0.10	U	0.10	UJ	1.9	U
Benzene	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.10	U	0.10	U	1.6	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	1.5	U
Bromoform	50	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.10	U	0.10	U	5.0	U
Bromomethane	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.10	U	0.10	U	4.3	U
Carbon disulfide	60	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	0.10	U	0.10	U	2.1	U
Carbon tetrachloride	5	0.49	J	0.34	J	0.42	J	0.78	J	0.73	J	1.5		5.2	J	3.2	J	9.0	J
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	1.6	U
Chlorobromomethane	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.10	U	0.10	U	1.7	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	2.5	U
Chloroform	7	0.51	J	0.33	U	0.57	J	0.89	J	0.62	J	1.5		3.3	J	1.6	J	3.6	J
Chloromethane	5	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.10	U	0.10	UJ	2.3	U
cis-1,2-Dichloroethene	5	1.5		0.58	J	1.4		3.4		2.5		6.9		21		6.4	J	33	
cis-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.10	U	0.10	U	1.4	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	1.6	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	1.3	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	1.7	U
Tetrachloroethene	5	1.1		0.7	J	1.4		2.5		2.8		9.1		25		8.5	J	34	
Toluene	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.10	U	0.35	U	1.6	U
trans-1,2-Dichloroethene	5	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.31	J	0.64	J	0.10	U	1.9	U
trans-1,3-Dichloropropene	0.4	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.49	U	0.10	U	0.10	U	1.6	U
Trichloroethene	5	7.3		3.8		8.3		17		15		37		130		44		190	
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	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	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.10	U	0.10	U	0.82	U

Table 4
Historical Groundwater Monitoring Results

Sample Year:	NYSDEC Class GA GW Standard ¹ (µg/L)	2014		2013		2012		2010		2009			2008		2007		2006		
Sample Location:		FSMW-14C Oct-2014		FSMW-14C Oct-2013		FSMW-14C Nov-2012		FSMW-14C Sep-2010		FSMW-14C Sep-2009		FSMW-14C - Duplicate Sep-2009		FSMW-14C Sep-2008		FSMW-14C Aug-2007		FSMW-14C Aug-2006	
Screen Interval:		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)		239-249 feet bgs (µg/L)	
Units:																			
Analyte																			
1,1,1-Trichloroethane	5	2.1	U	2.1	U	2.1	U	0.91	J	0.86	J	0.85	J	1.3	J	1.9	J	3	J
1,1,2,2-Tetrachloroethane	5	1.5	U	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	2.0	J	1.8	J	1.8	J	2.4	J	3.1	J	5	J
1,1-Dichloroethene	5	2.5	U	2.5	U	2.5	J	3.8	J	3.2	J	3.2	J	4.0	J	5.5	J	8	J
1,2-Dichloroethane	0.6	0.83	U	0.83	U	0.83	U	0.10	U	0.10		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	UJ	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	1.9	U	1.2	JB*	0.10	U	0.10	U	0.10	UJ	0.10	UJ	10	U
Benzene	1	1.6	U	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	UJ	5.0	U	5.0	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	10	U
Bromomethane	5	4.3	U	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	8.1	J	7.6	J	12		18		16		16	J	26		33		45	
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	2.5	J	1.9	U	1.9	U	1.4	J	1.1	J	1	J	1.1	J	1.3	J	1	J
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	20		18		16		9.9	J	5.6	J	5.5	J	7.1	J	6.2	J	6	J
cis-1,3-Dichloropropene	0.4	1.4	U	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	0.30	JB	0.4	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	25		20		29		25	B	21		23		28		37		36	
Toluene	5	1.6	U	1.6	U	1.6	U	0.10	U	0.11	J	0.10	U	0.10	U	0.10	U	10	U
trans-1,2-Dichloroethene	5	1.9	U	1.9	U	1.9	U	0.15	J	0.13	J	0.14	J	0.10	U	0.10	U	10	U
trans-1,3-Dichloropropene	0.4	1.6	U	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	140		120		130		130		90		90		140		160		140	
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	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 Detected 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.



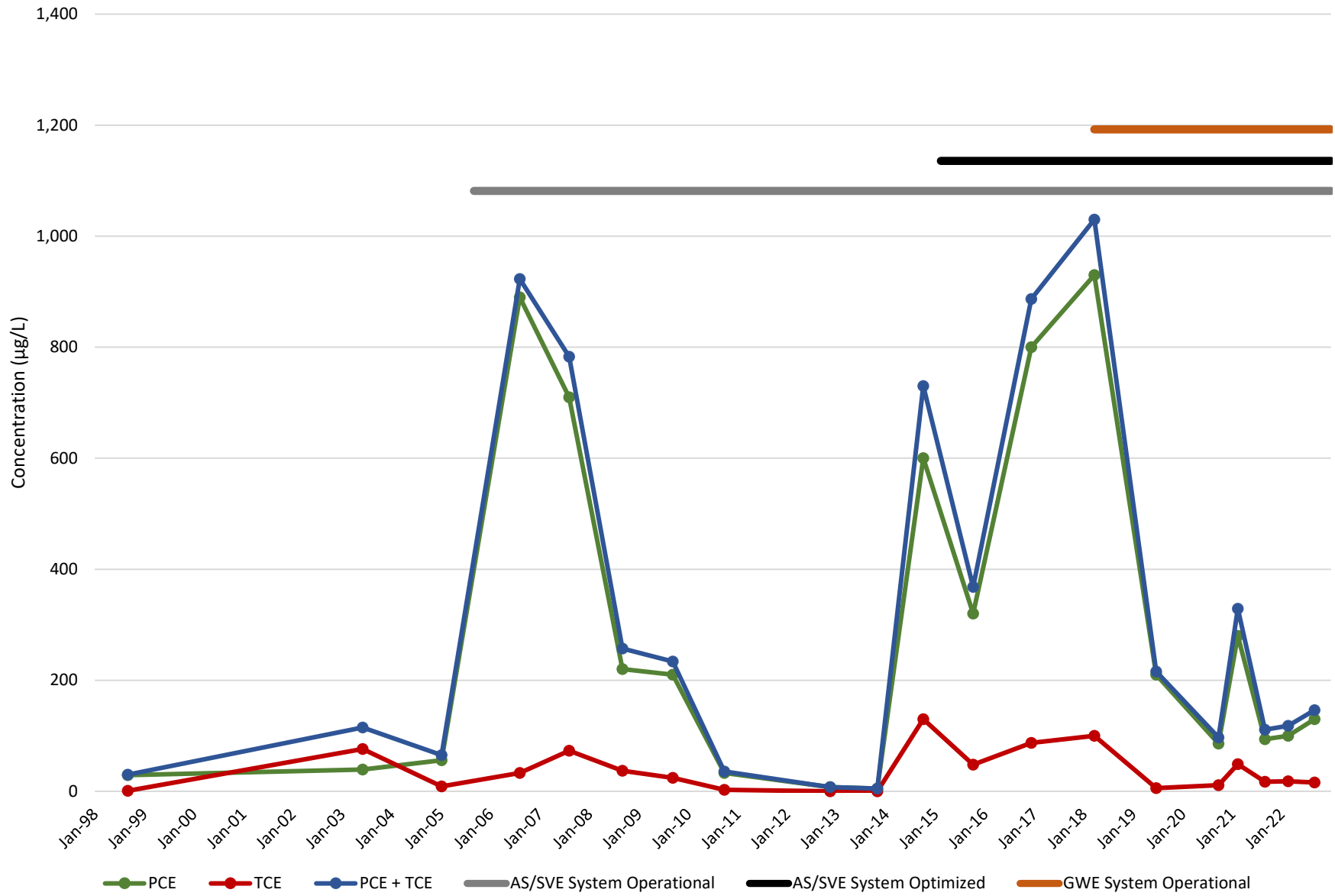
APPENDICES



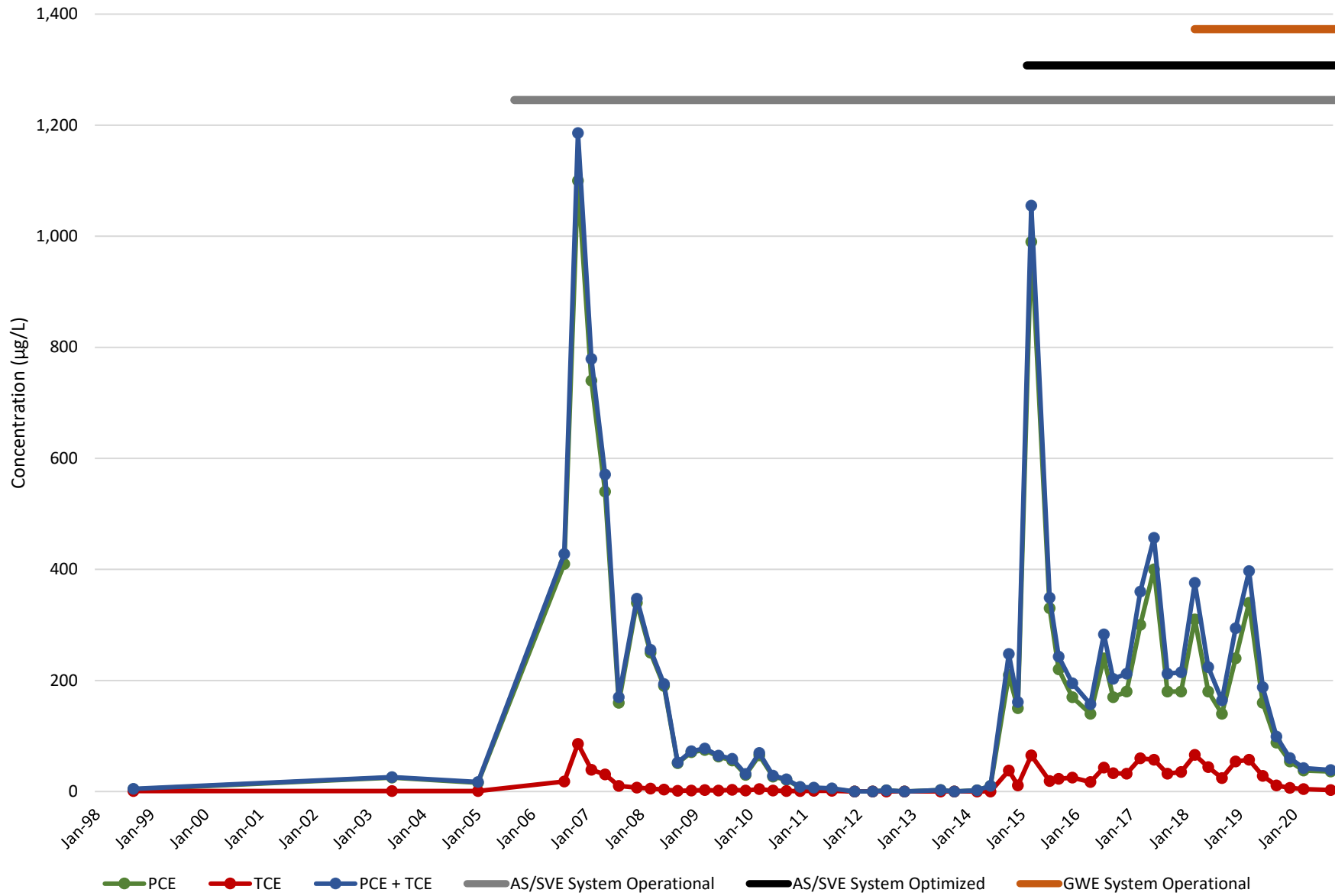
Appendix A

Monitoring Well Trend Graphs

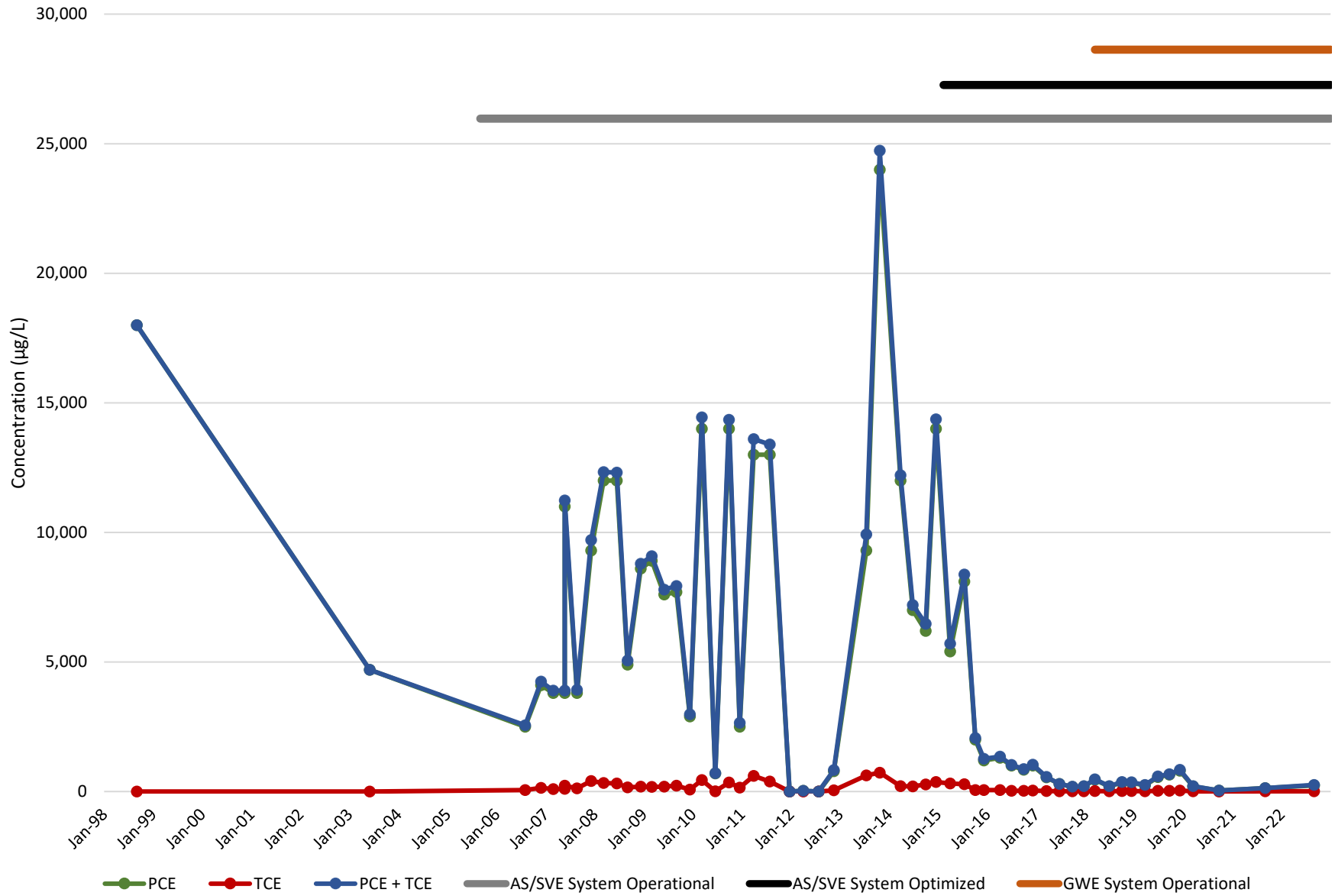
LRF-1
45-65 feet bgs



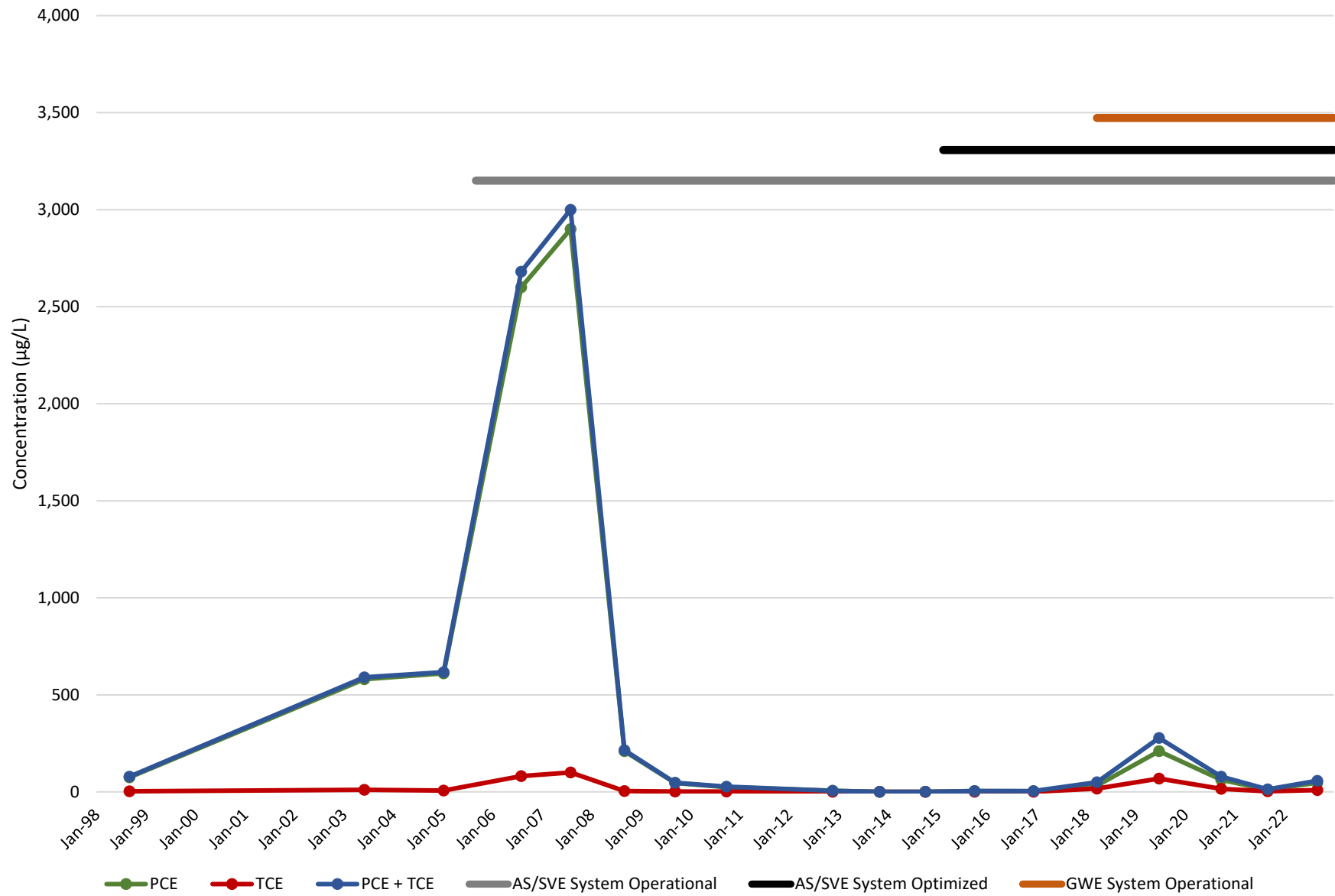
FSMW-1A
58-68 feet bgs



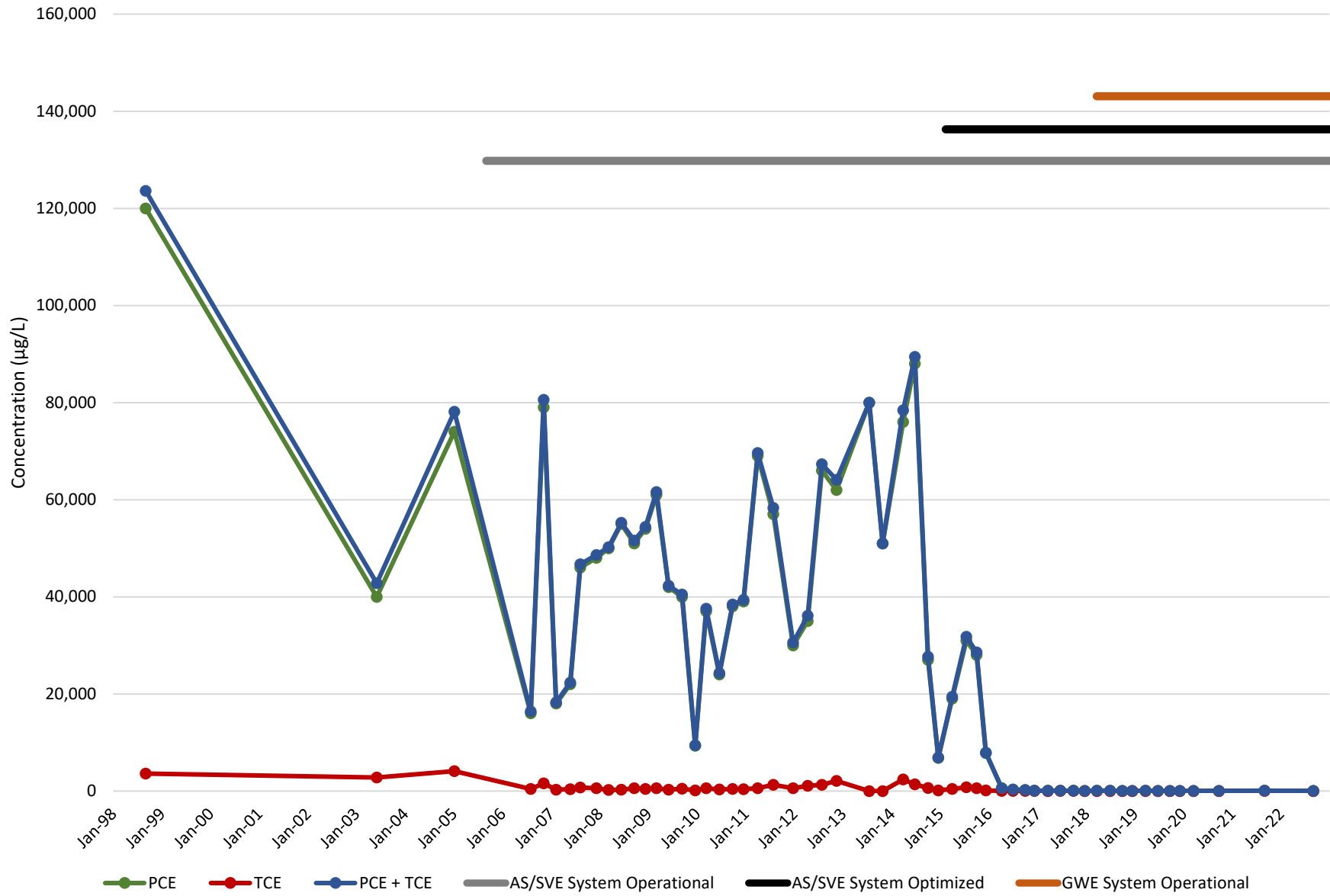
FSMW-2A
60-70 feet bgs



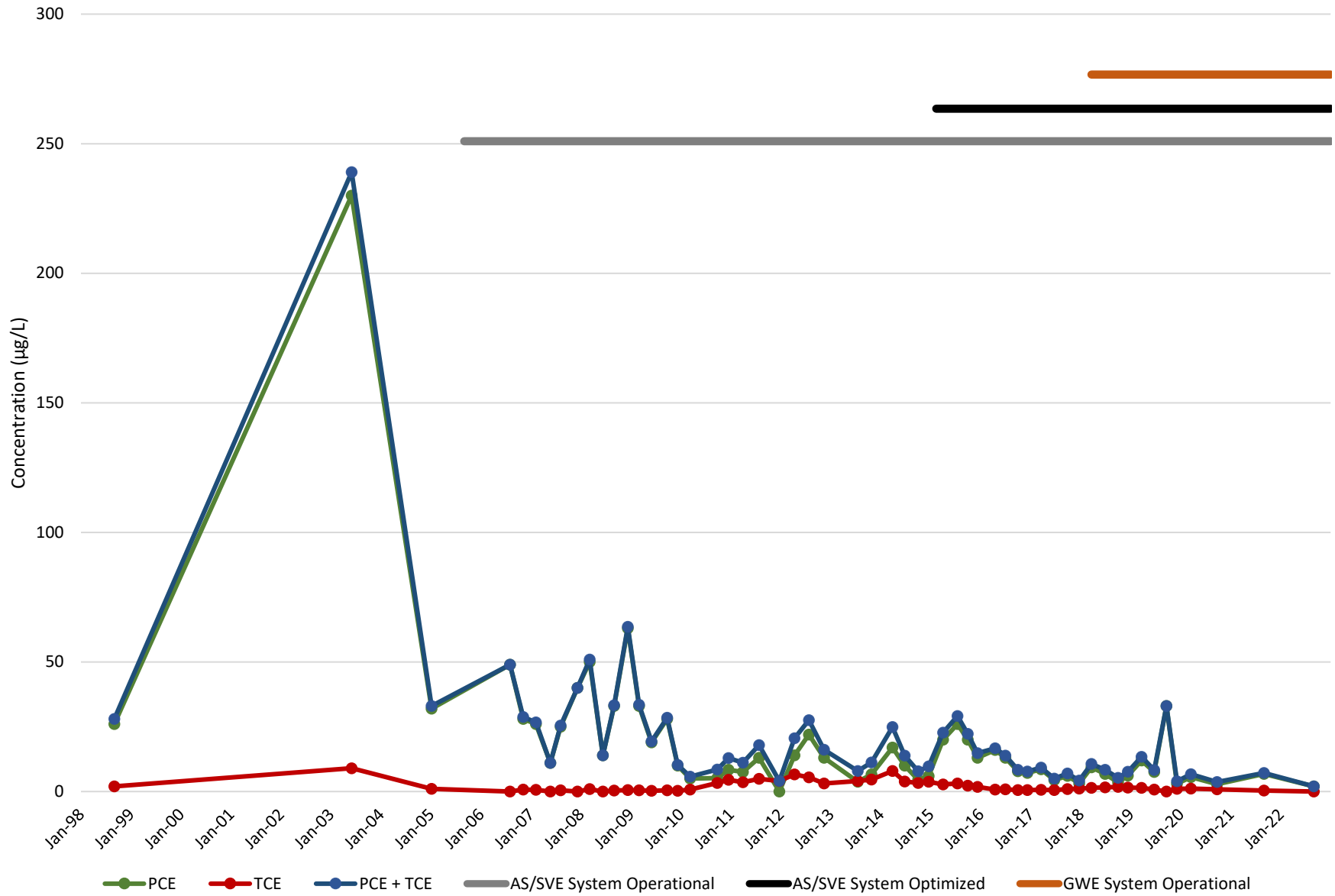
FSMW-3A
60-70 feet bgs



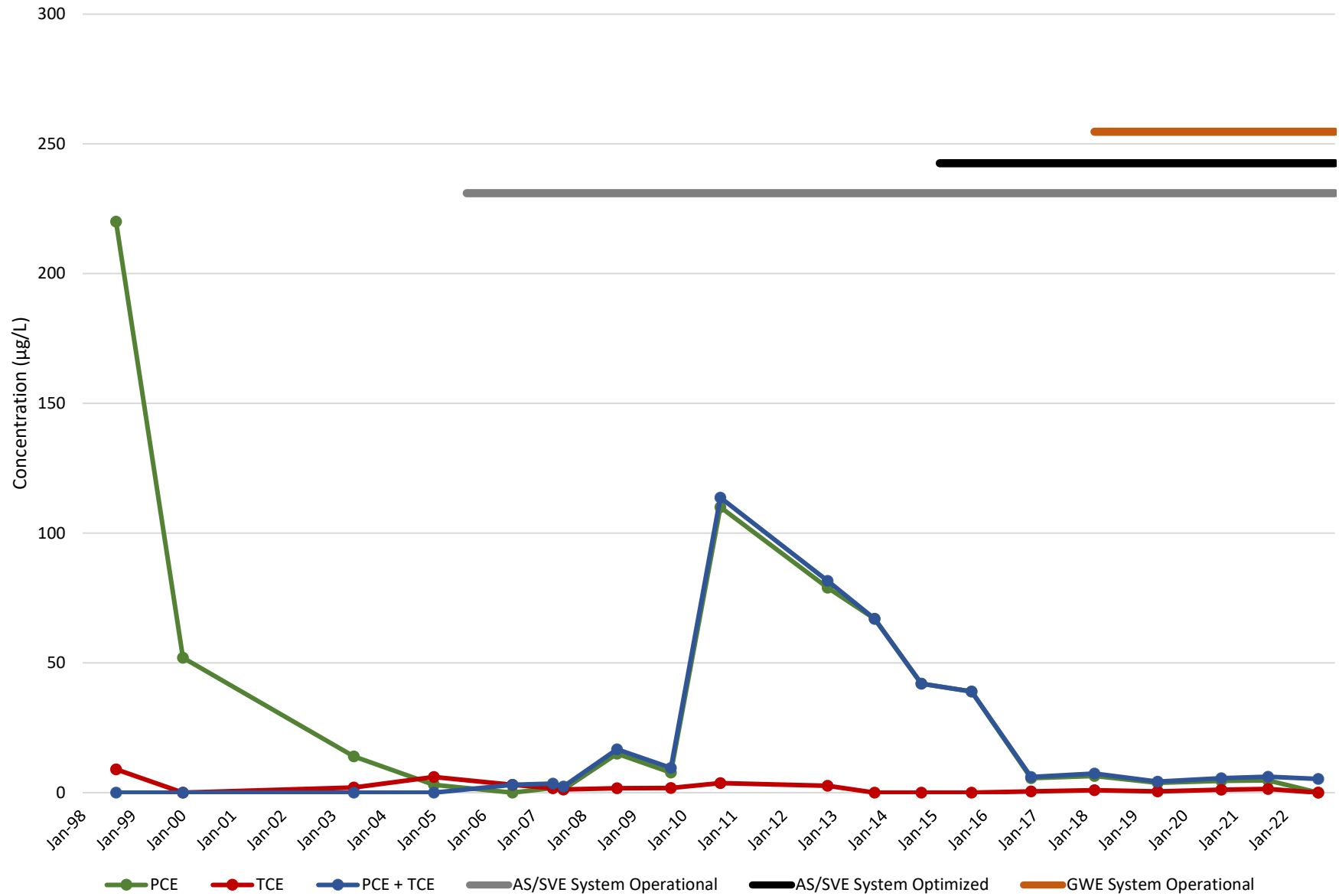
FSMW-4A
60-70 feet bgs



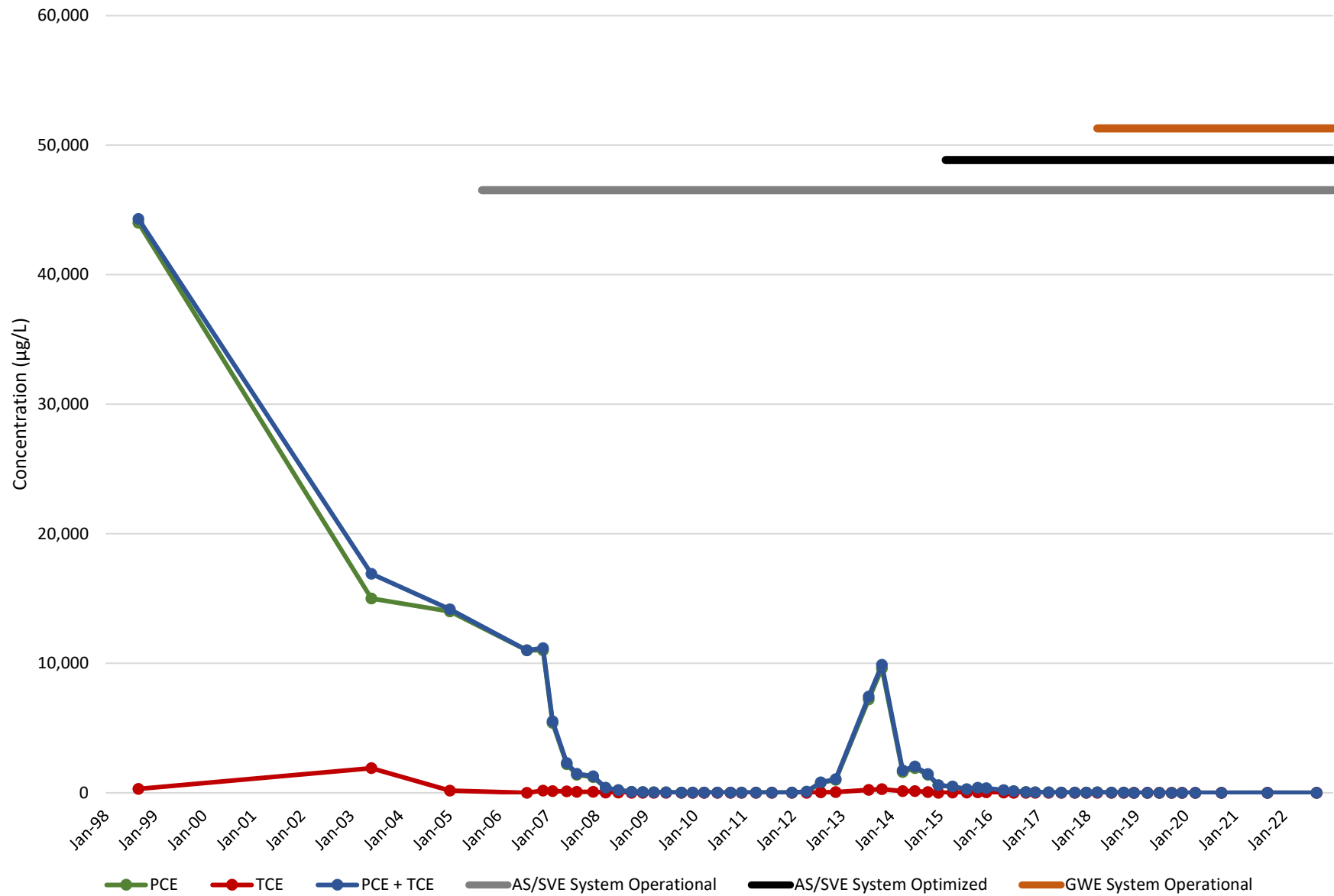
FSMW-4B
137-147 feet bgs



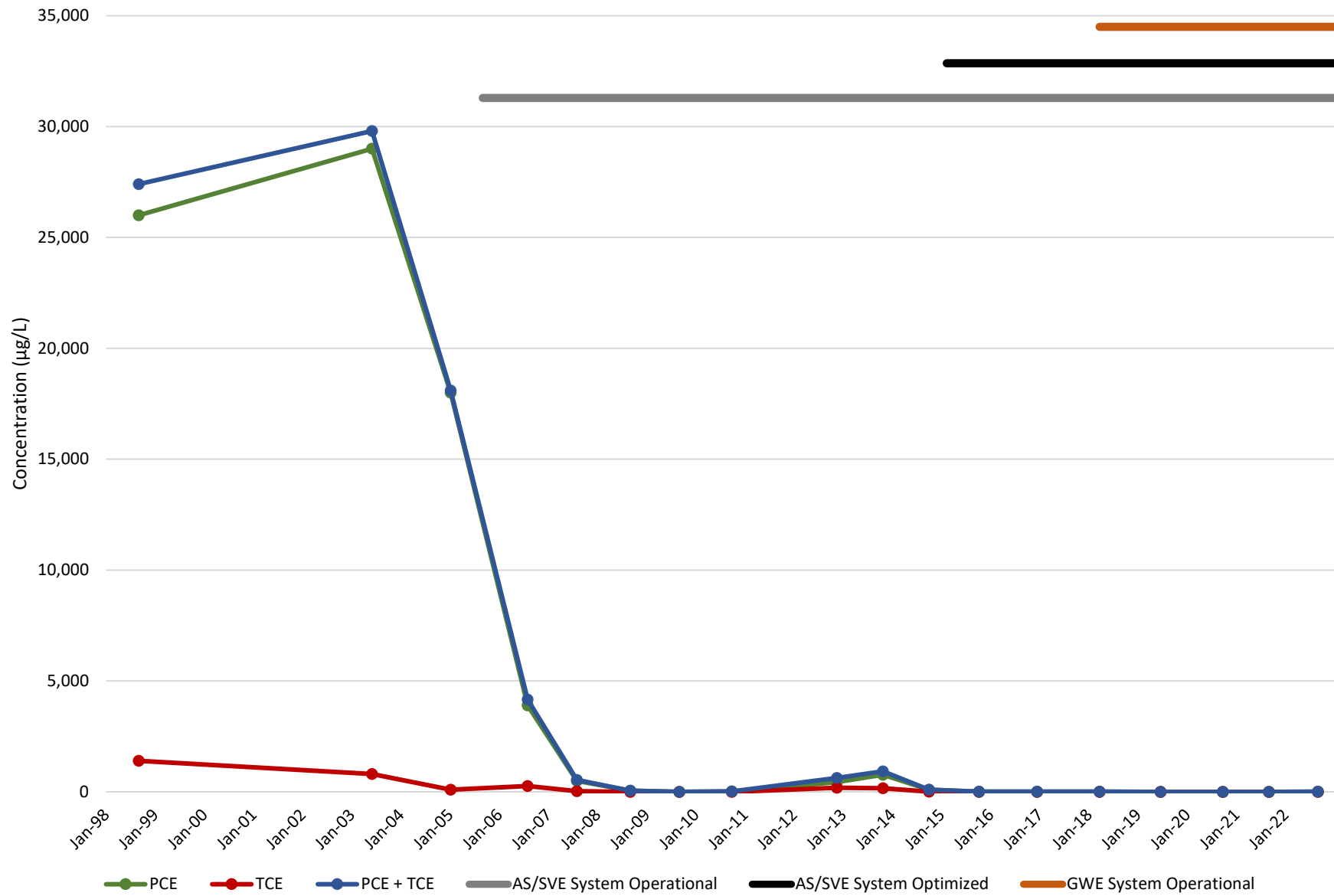
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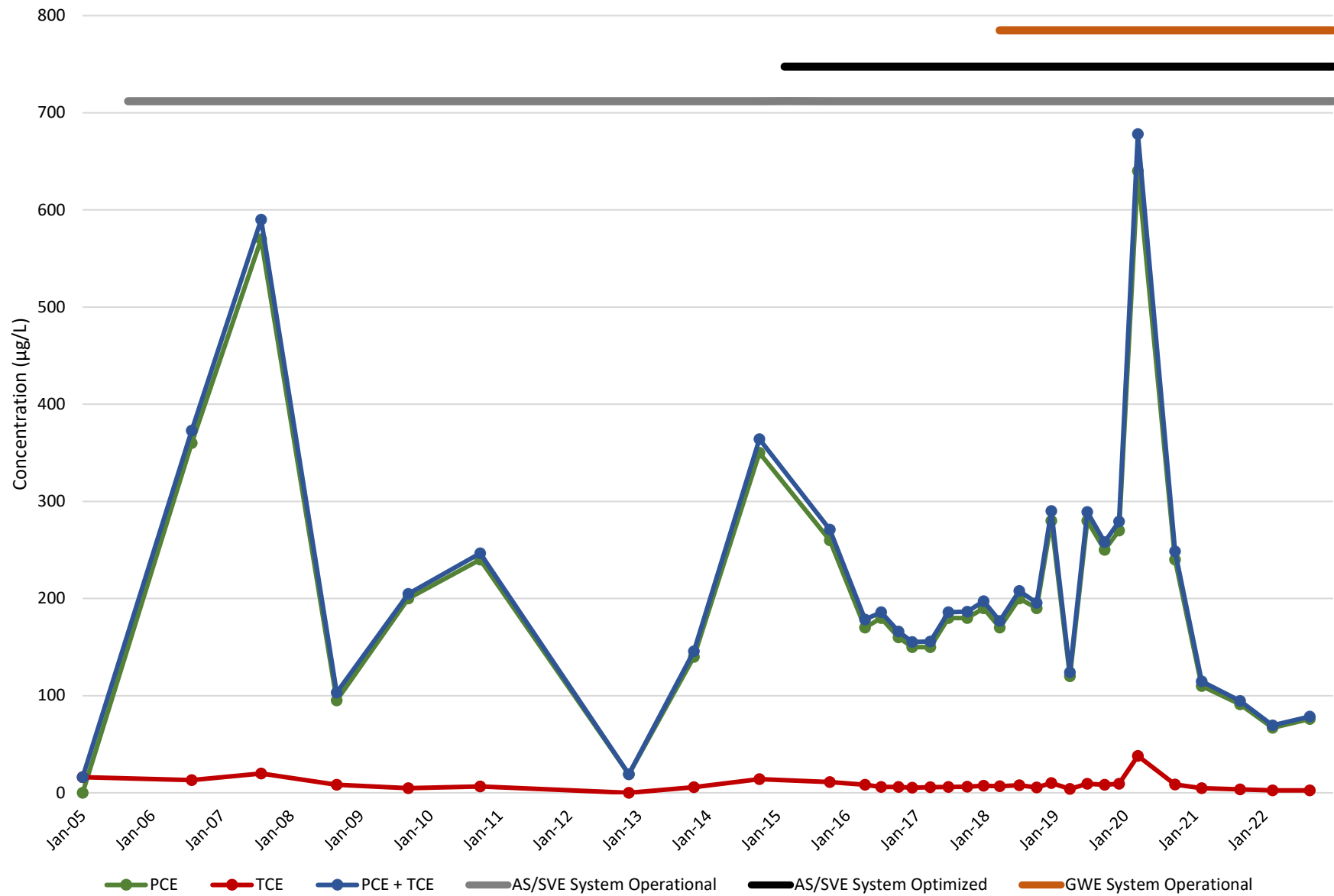
FSMW-8A
64-74 feet bgs



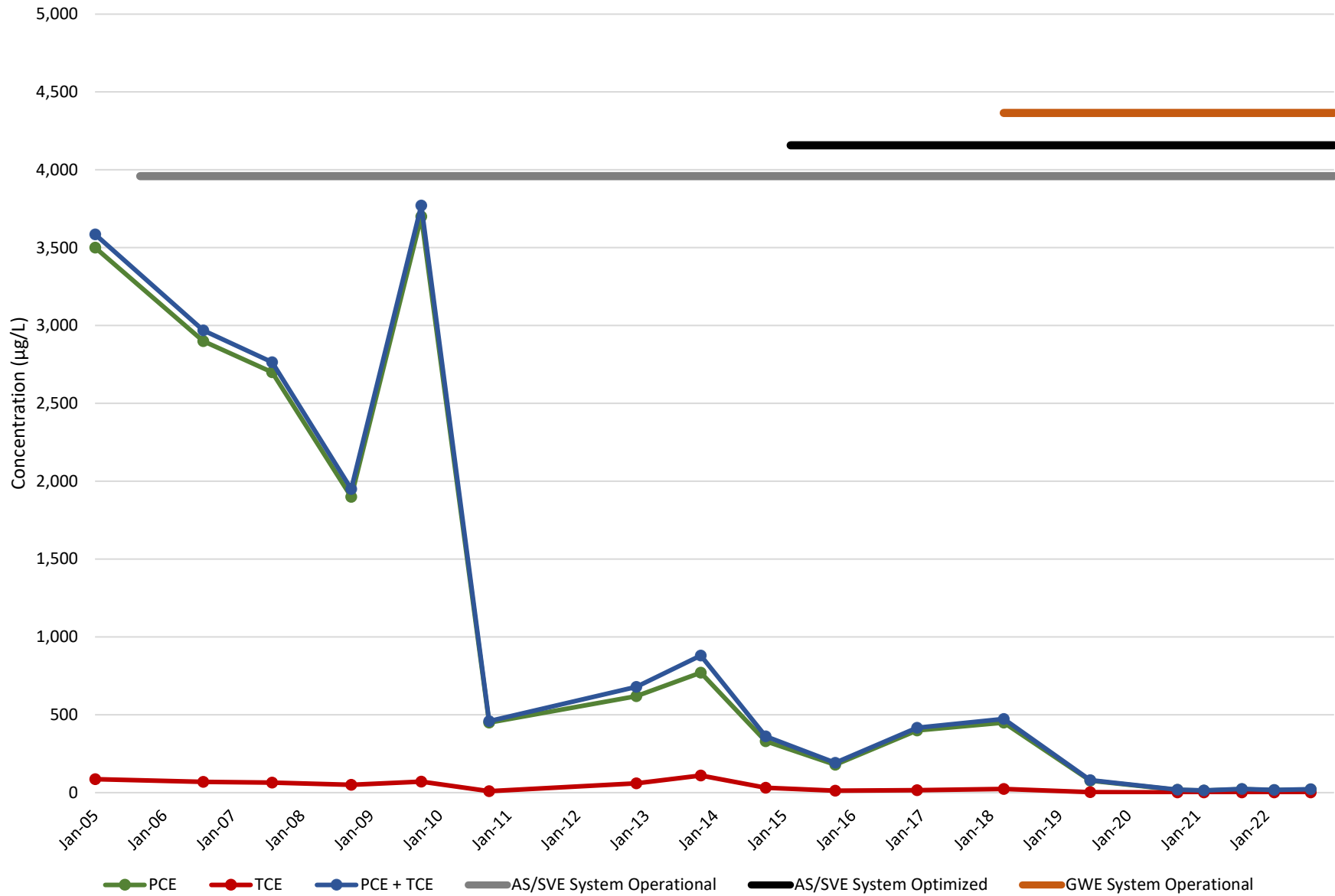
FSMW-9A
60-70 feet bgs



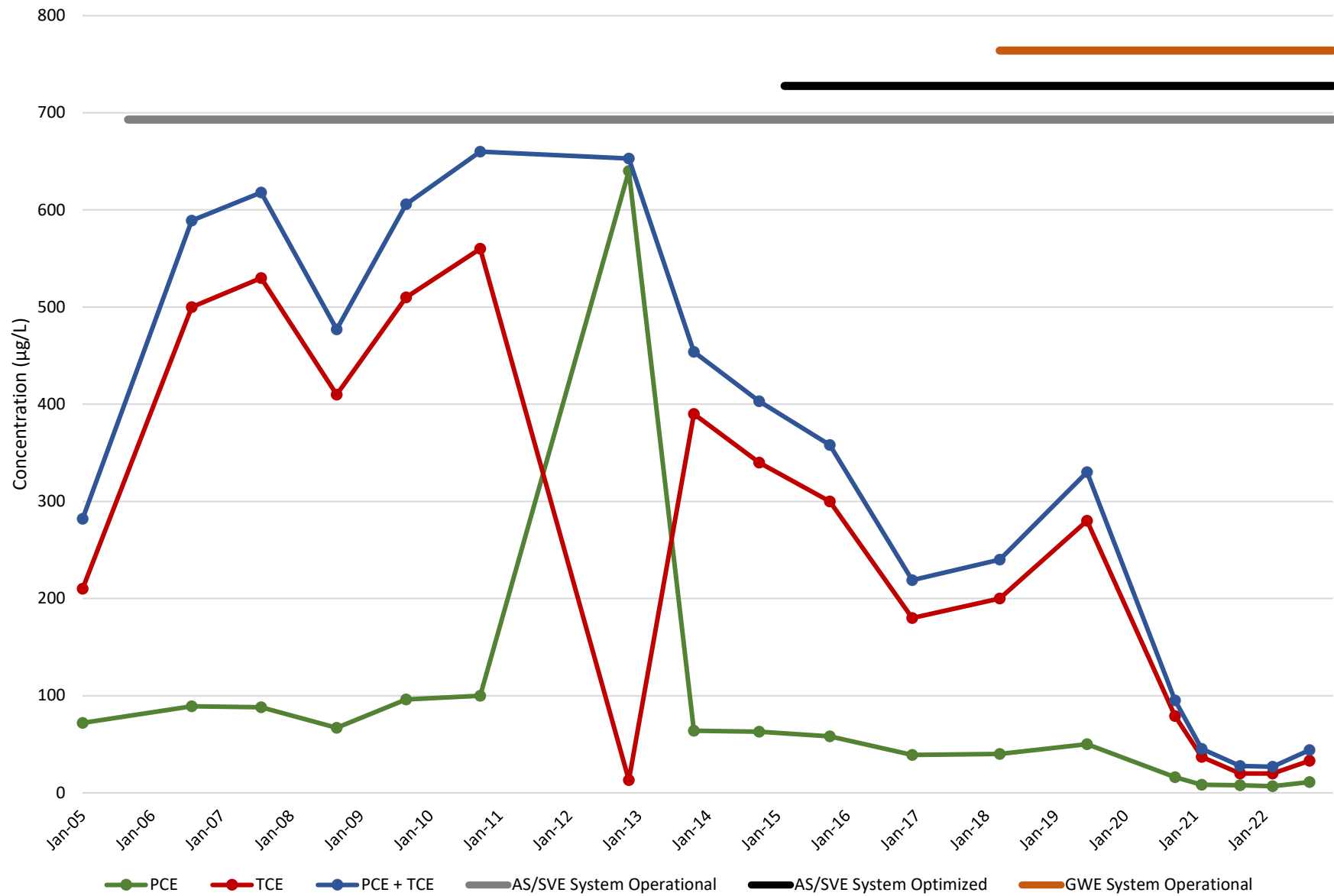
FSMW-13A
69-79 feet bgs



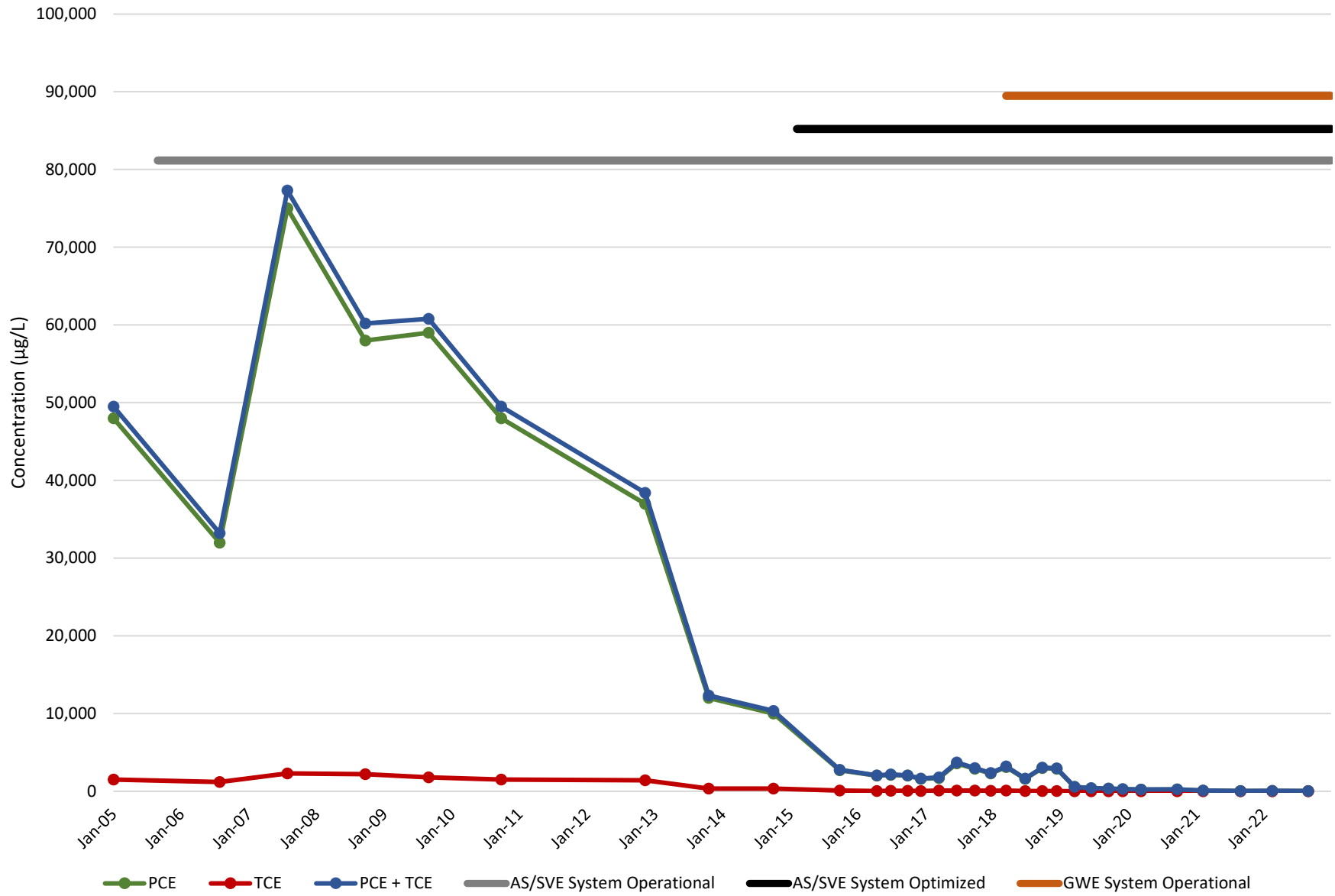
FSMW-13B
119-129 feet bgs



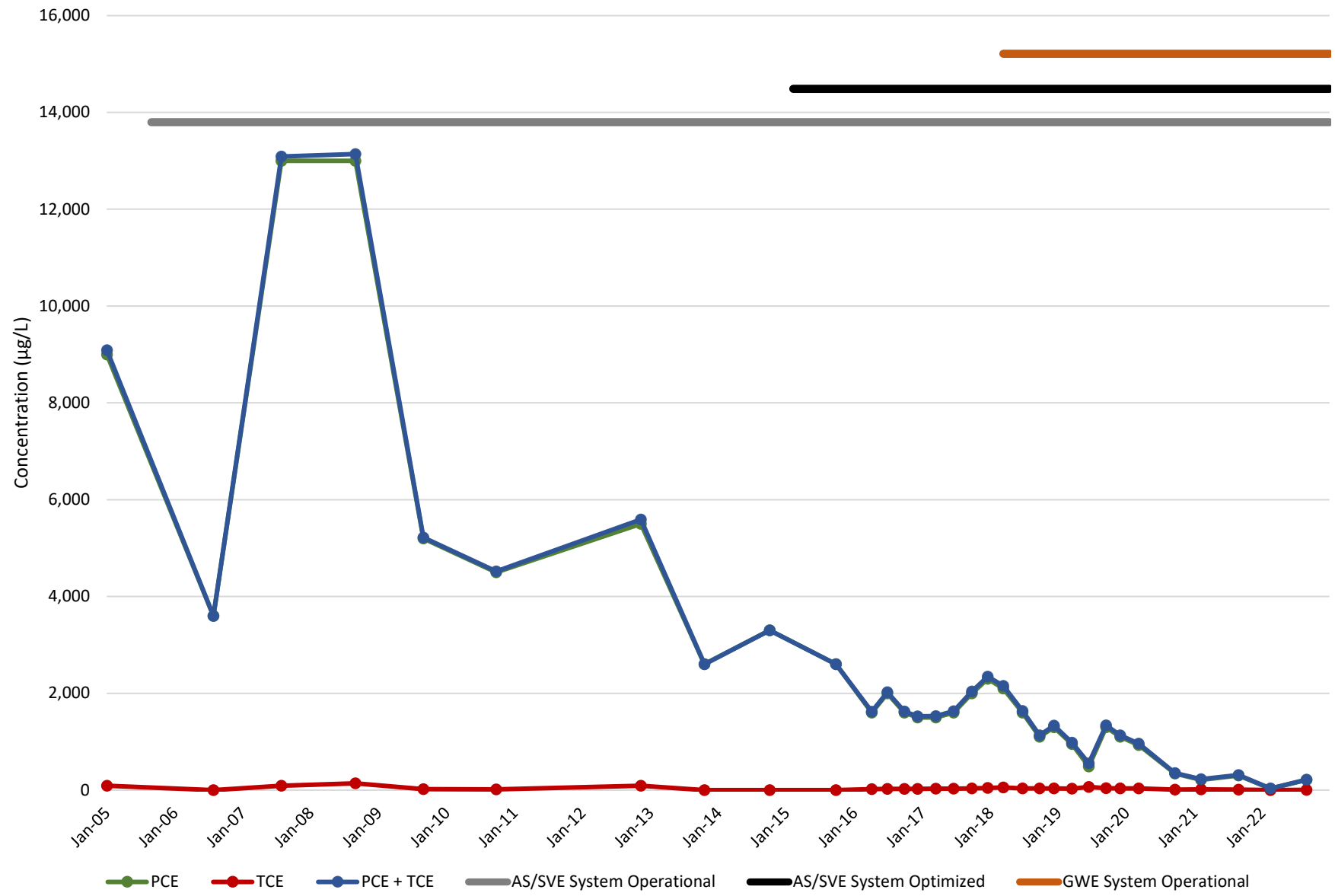
FSMW-13C
239-249 feet bgs



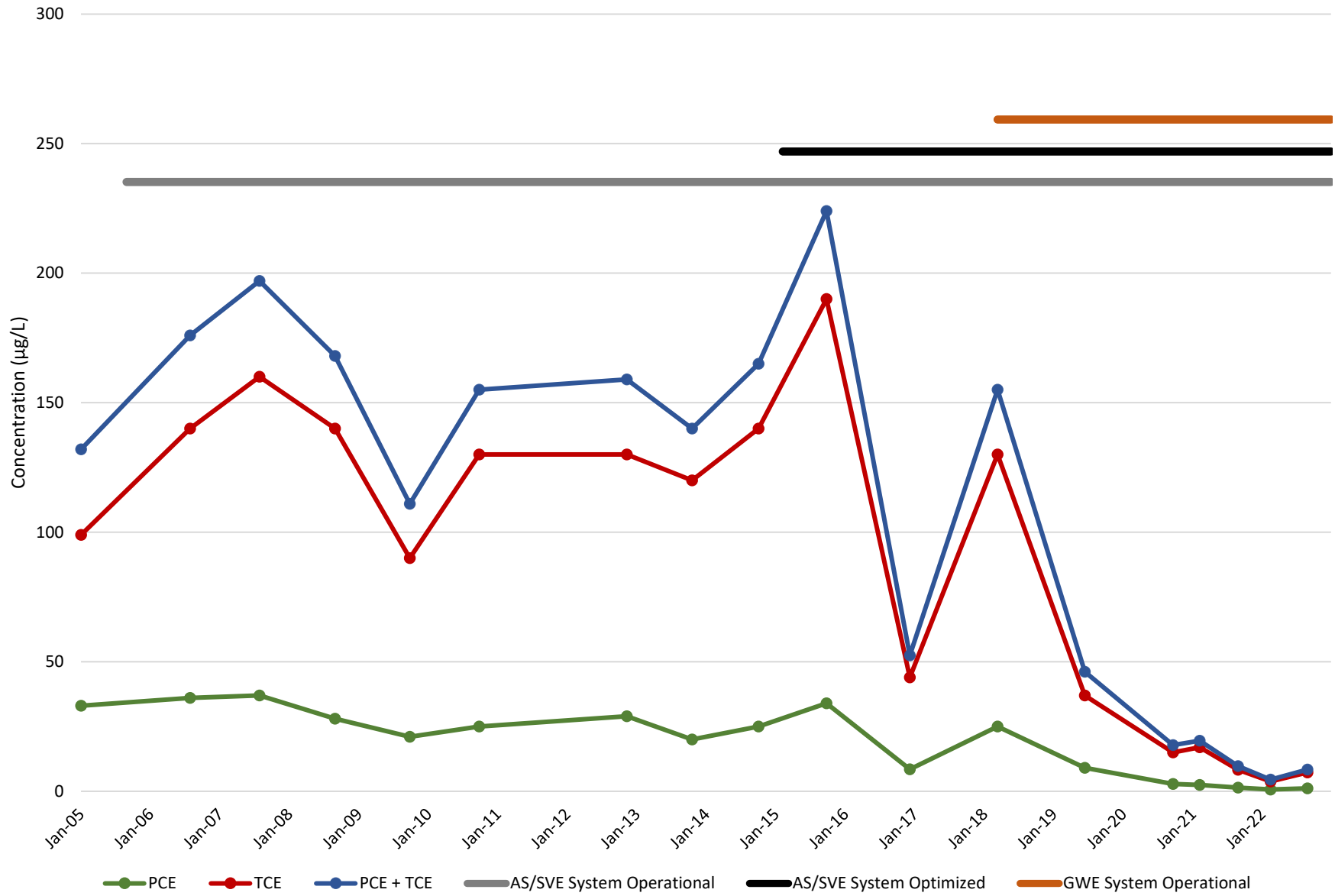
FSMW-14A
119-129 feet bgs



FSMW-14B
159-169 feet bgs

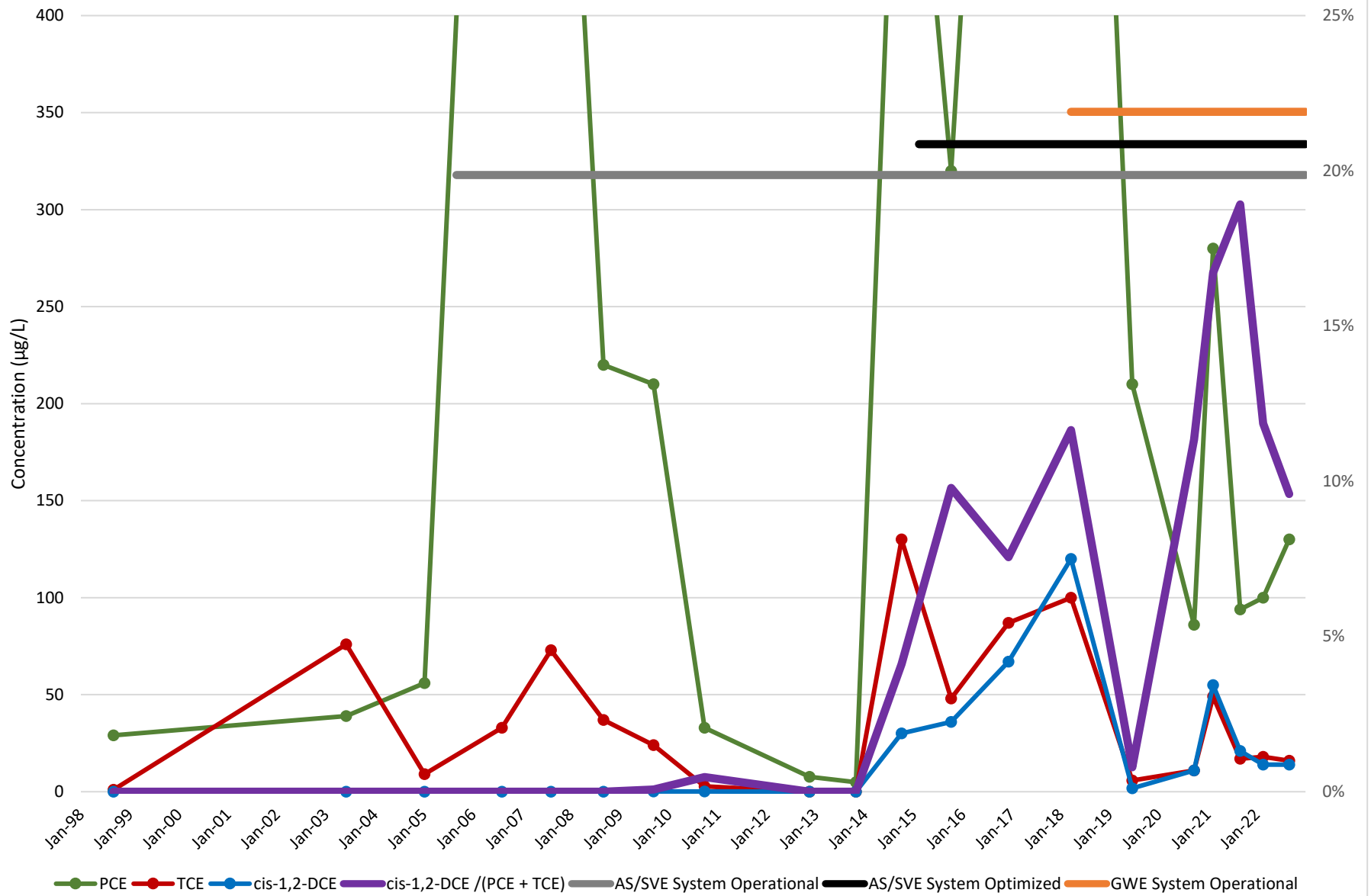


FSMW-14C
239-249 feet bgs

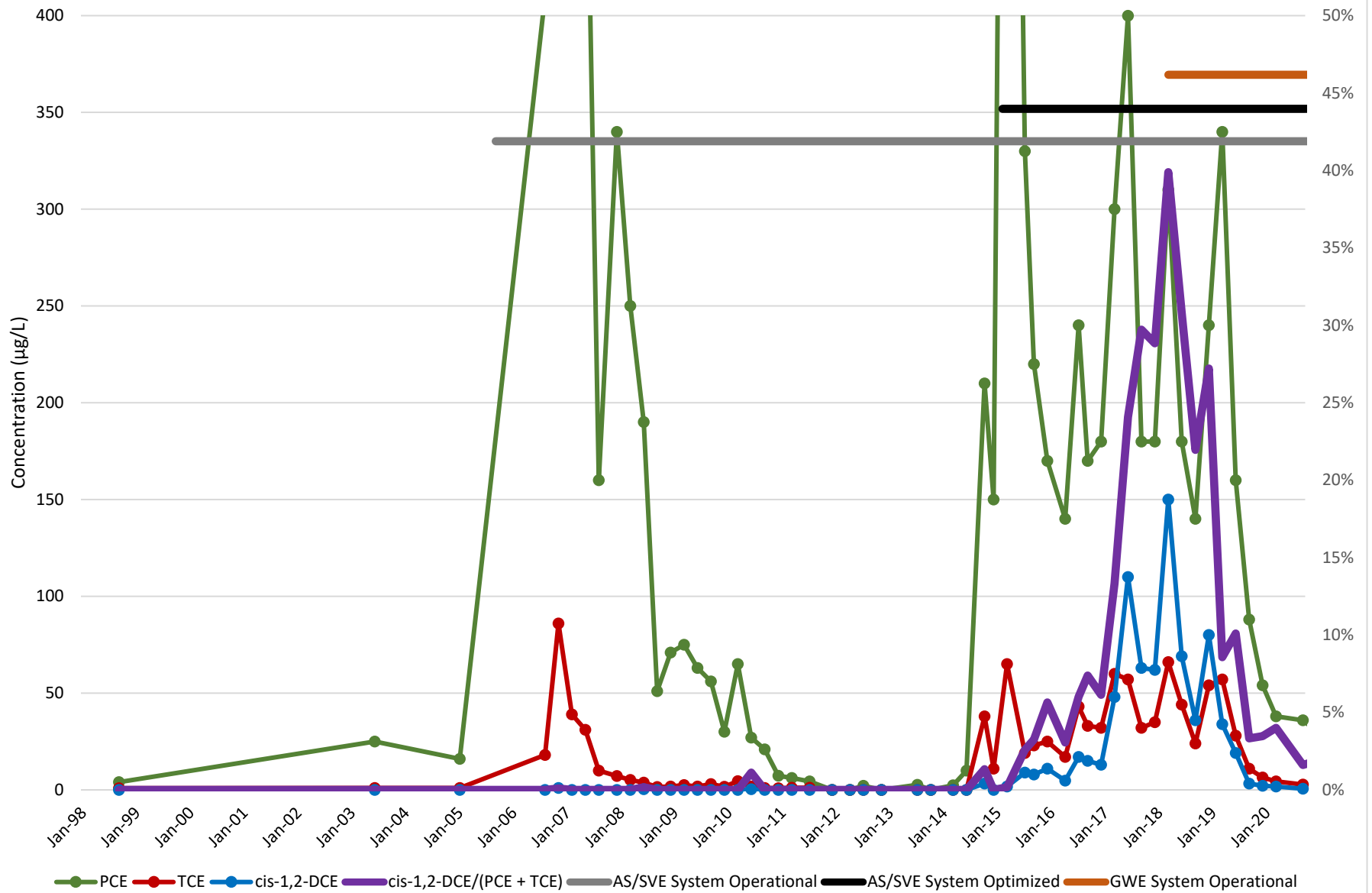


Appendix B
Tetrachloroethene and Trichloroethene
Breakdown Product Trend Graphs

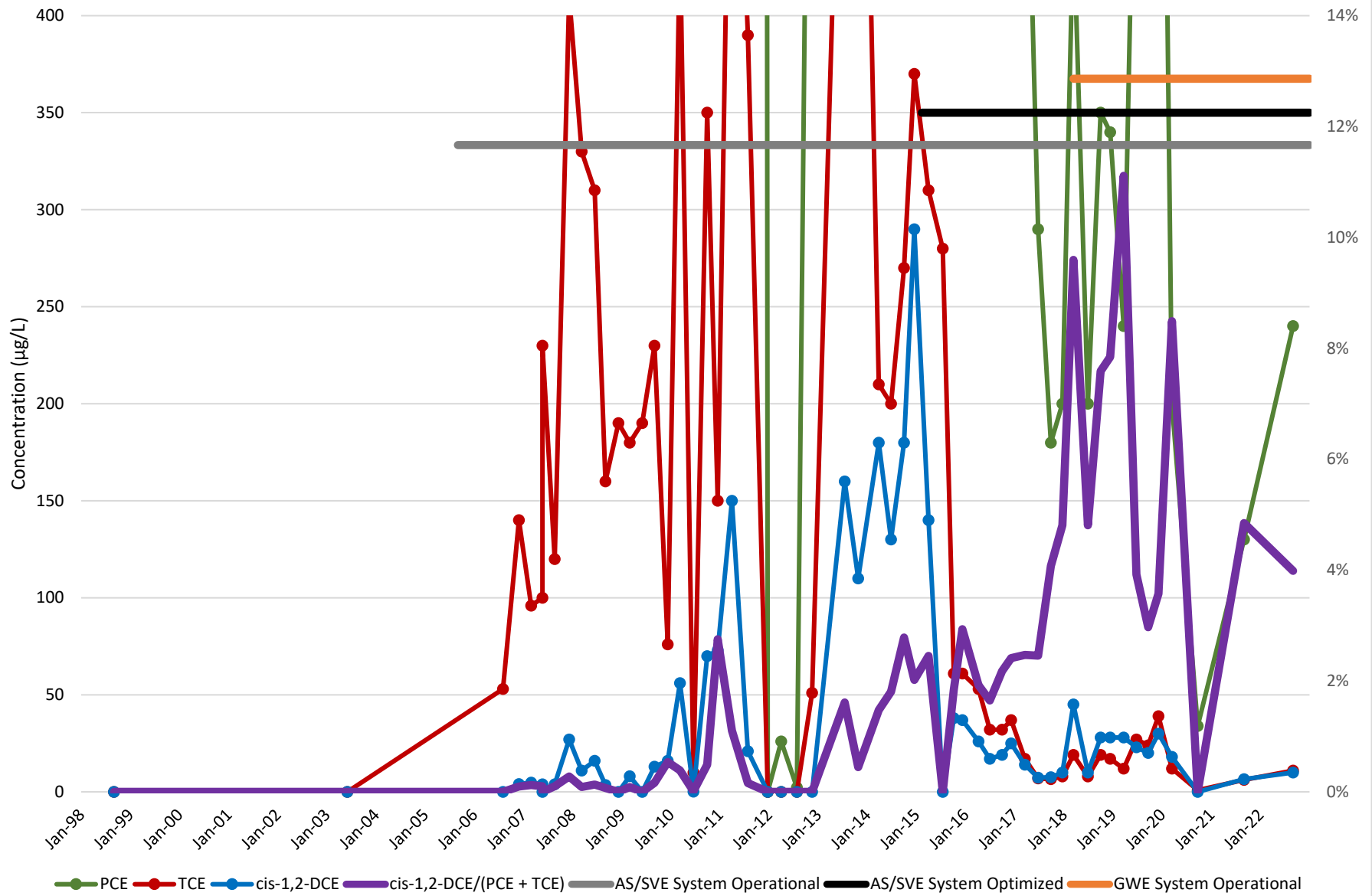
LRF-1
45-65 feet bgs



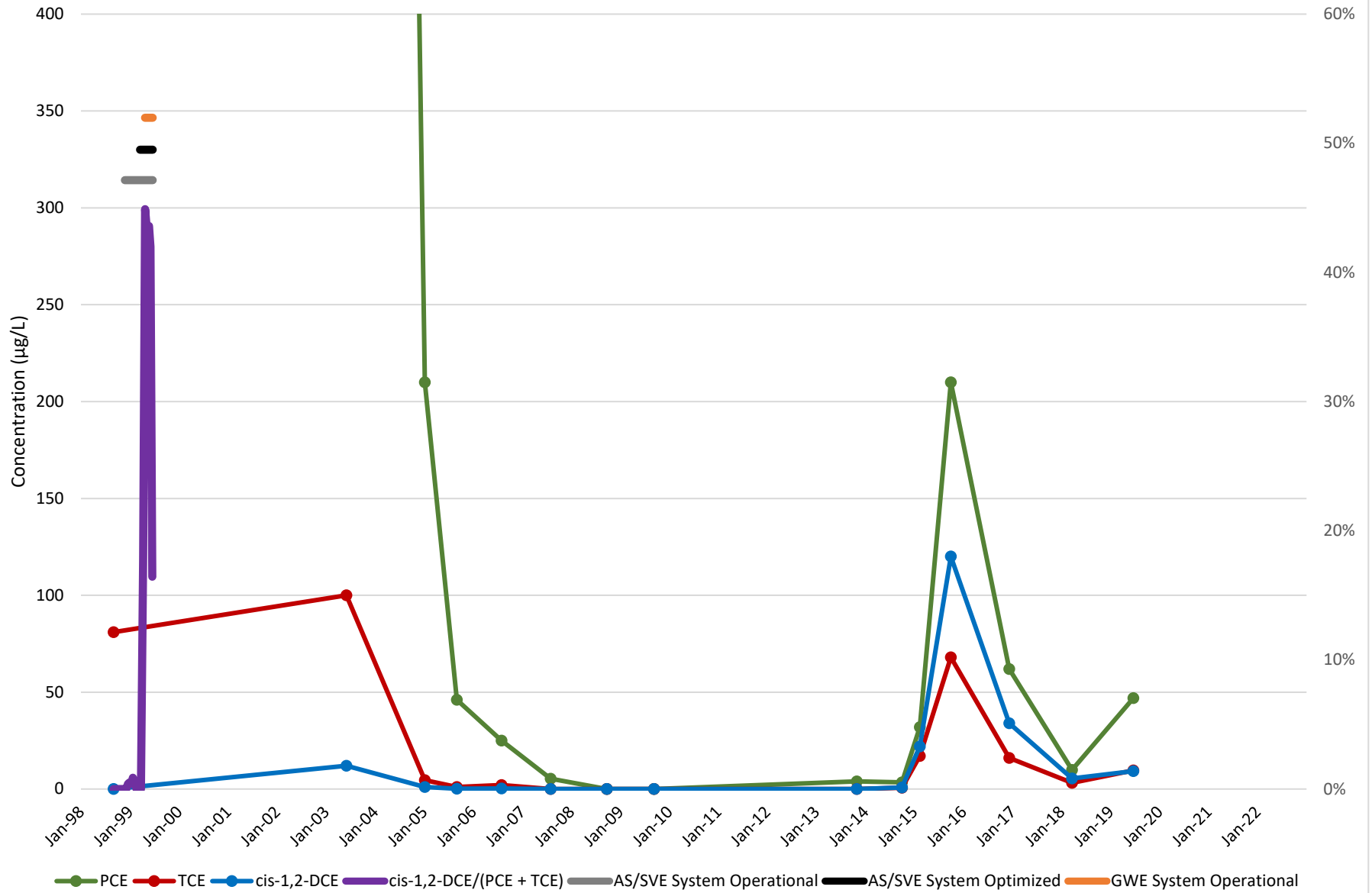
FSMW-1A
58-68 feet bgs



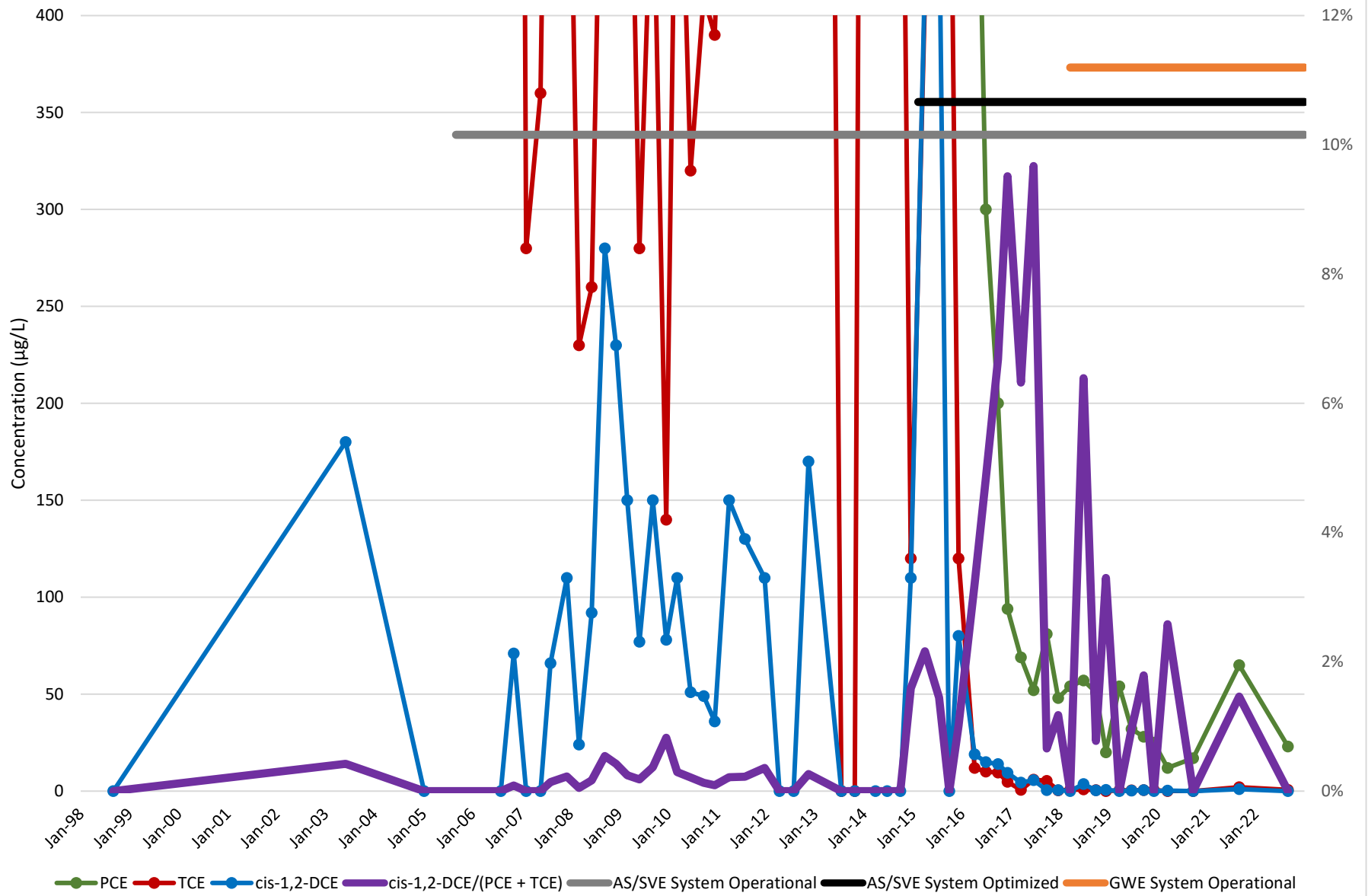
FSMW-2A
60-70 feet bgs



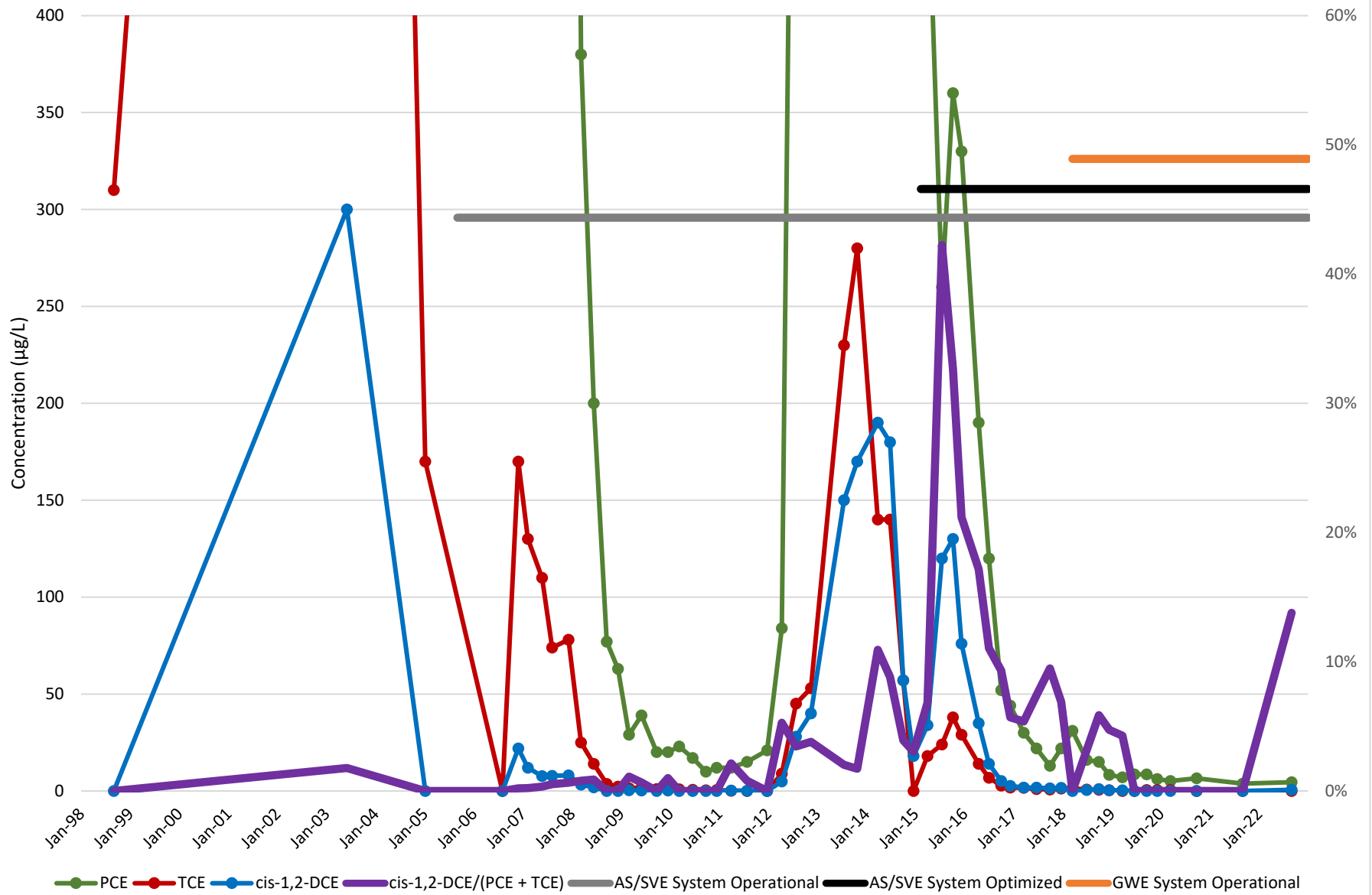
FSMW-3A
60-70 feet bgs



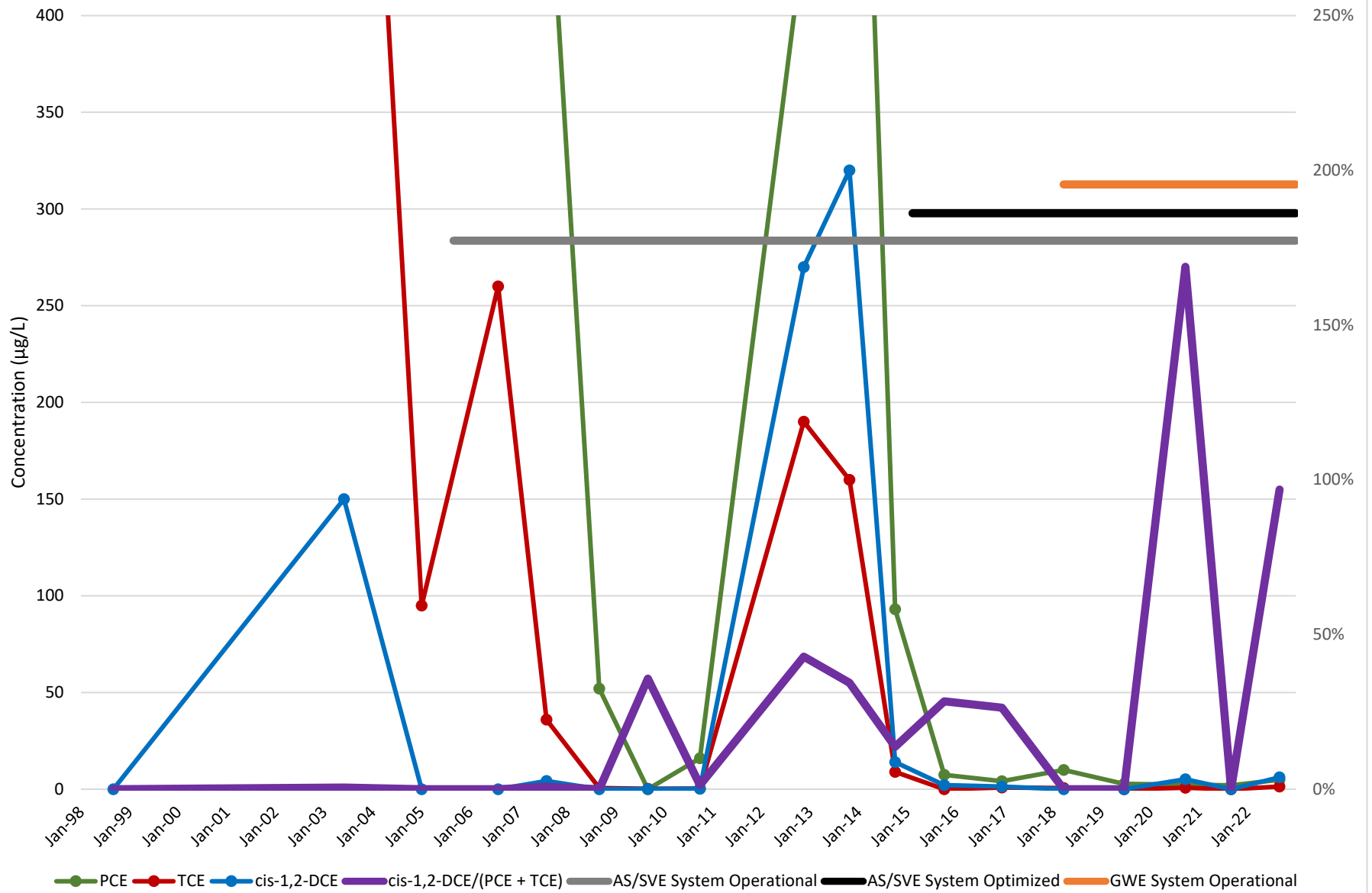
FSMW-4A
60-70 feet bgs



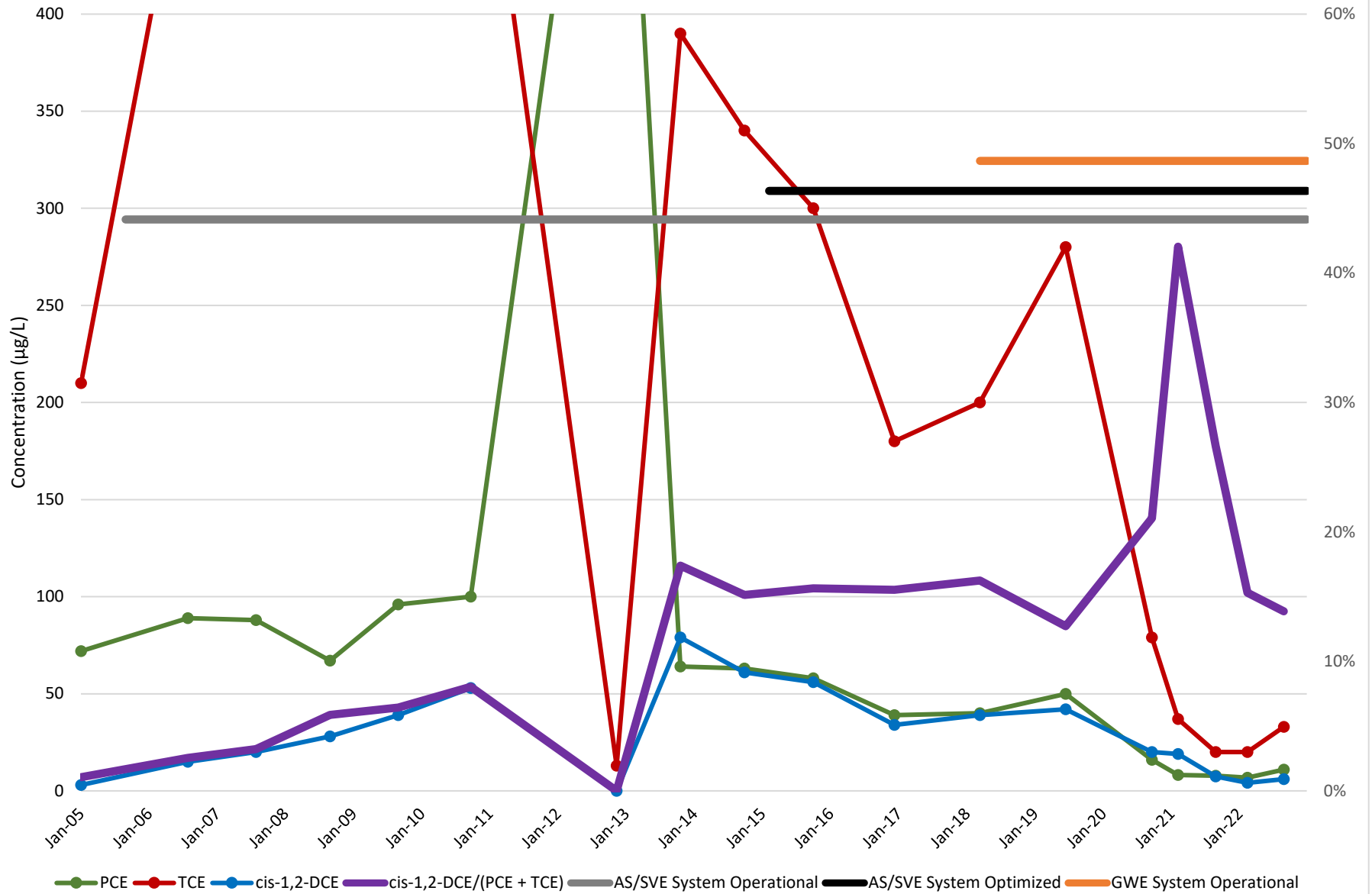
FSMW-8A
64-74 feet bgs



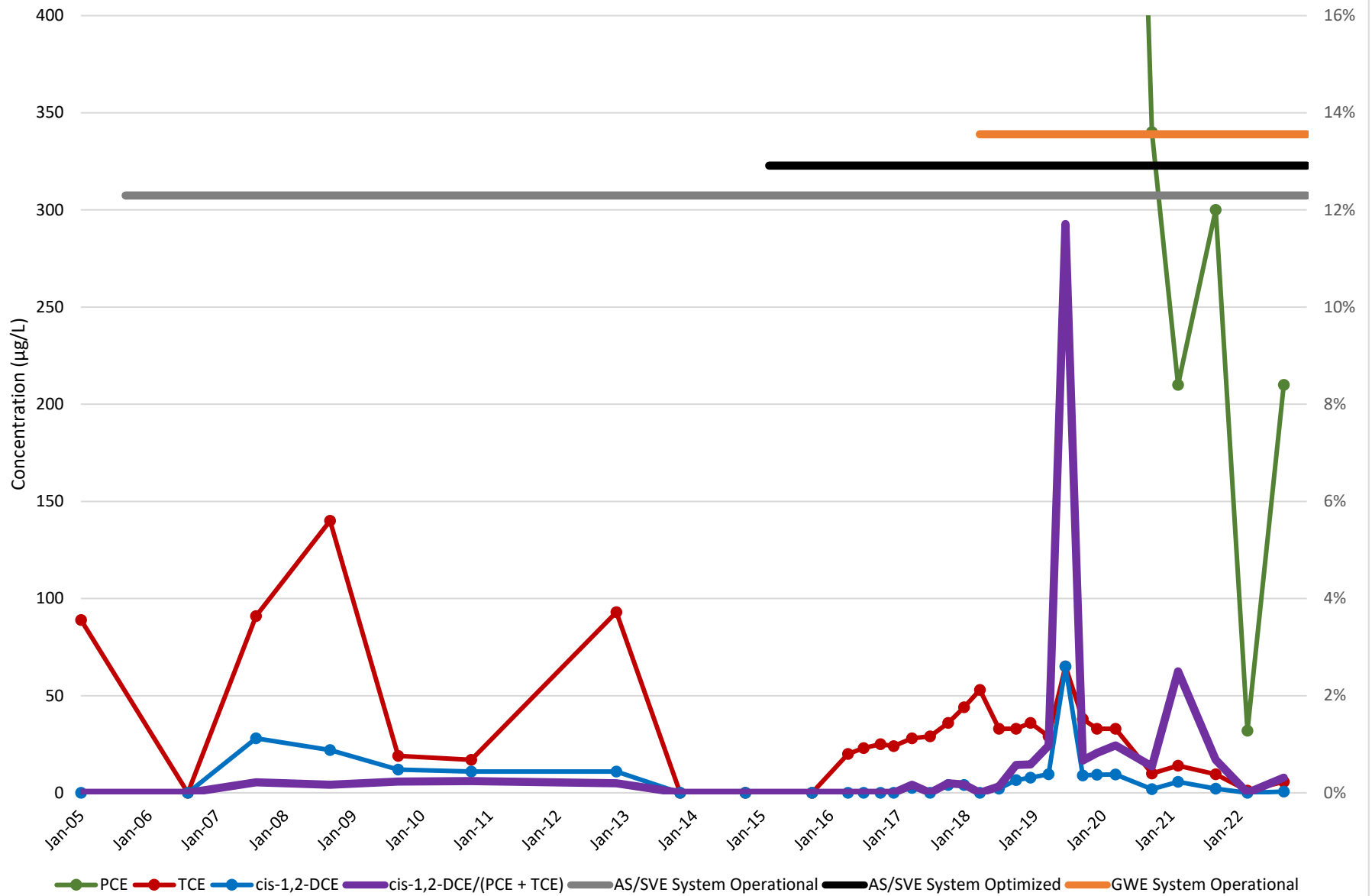
FSMW-9A
60-70 feet bgs



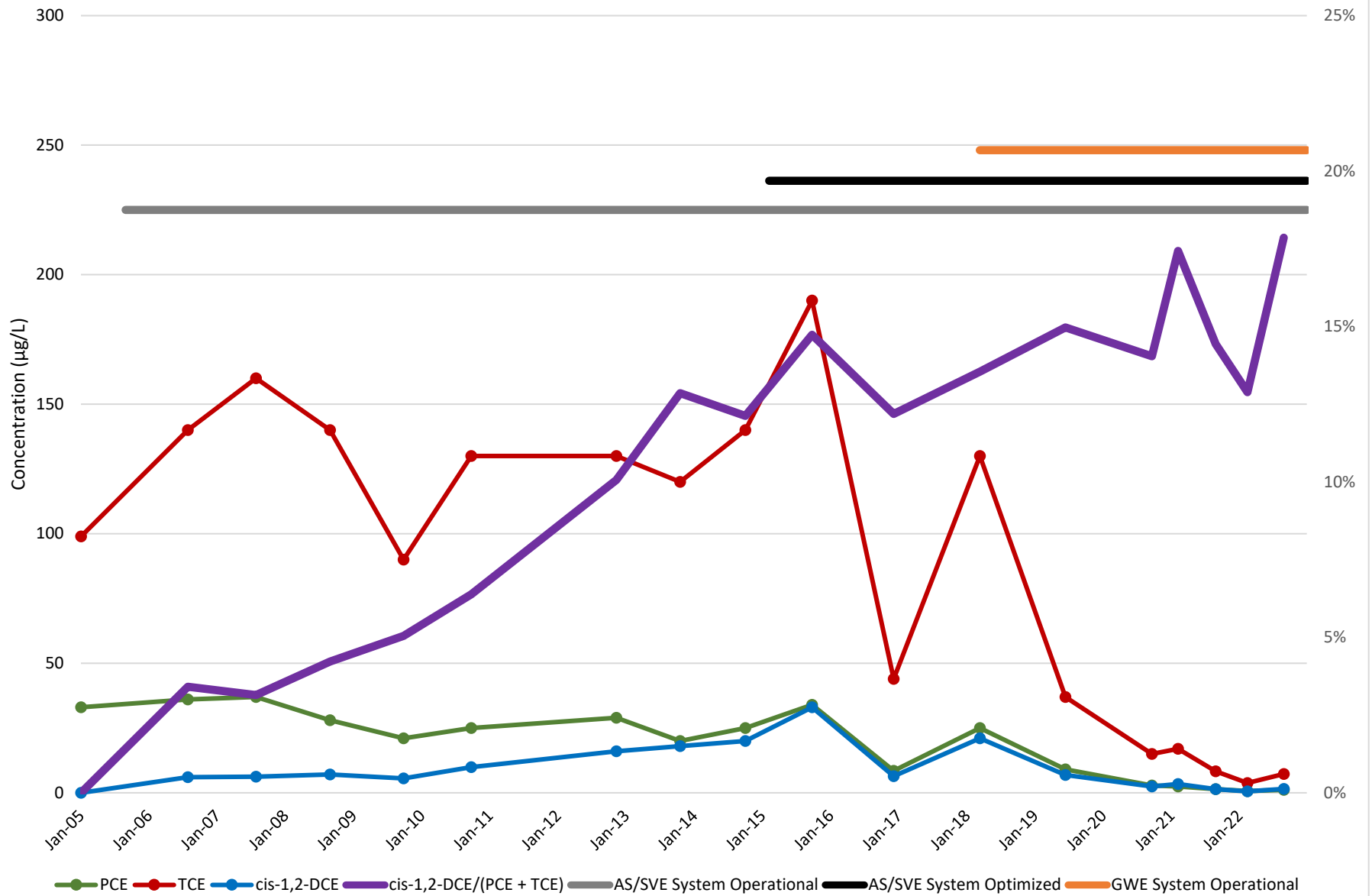
FSMW-13C 239-249 feet bgs



FSMW-14B
159-169 feet bgs



FSMW-14C 239-249 feet bgs



Appendix C
First and Third Quarter 2022 Groundwater Sampling
Data Usability Summary Reports and
Laboratory Analytical Data

DATA USABILITY SUMMARY REPORT FIRST QUARTER 2022 SAMPLING EVENT

FROST STREET SITES
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1.0 INTRODUCTION

This Data Usability Summary Report (Report) presents the results for groundwater samples collected during the first quarter groundwater sampling activities at the Frost Street sites in Westbury, New York (Sites). 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 February 17 and 18, 2022. 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], November 2020).

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

Data packages were submitted in accordance with the New York State Department of Environmental Conservation 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 460-252877.

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 (MS/MSD)
* Initial calibration	* Laboratory blank contamination
* Initial calibration verification	* Field blank contamination (equipment 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 matrix spike/matrix spike duplicate 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.
- 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 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 is close to the known concentrations, the reported analyte concentrations are assumed to be accurate. VOC

compound 1,1-dichloroethane was reported with a percent difference of 22.4%, which was above the 20% control limit; therefore, all undetected results in DUP01-021722, FSMW13A-021722, FSMW13B-021722, FSMW14A-021722, FSMW14B-021722, and LRF1-021822 were qualified as estimated “UJ.”

4.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE

MS/MSDs are generated to provide information about the effect of each sample matrix on the sample preparation and the measurement methodology. MS/MSD percent recovery (%R) assesses the effect of the sample matrix on the accuracy of the analytical results. %Rs above the laboratory control limit could indicate a potential high result bias, while %Rs below QC limits could indicate a potential low result bias. The relative percent differences between the MS and MSD results are evaluated to assess sample precision.

All relative percent differences were acceptable. The MS and MSD %Rs for bromodichloromethane in FSMW14C-021722 were 128% and 130%, which were above the 72-121% control limit. Bromodichloromethane was not detected in FSMW14C-021722; therefore, no qualification was applied. The MS and the MSD %Rs for carbon tetrachloride in FSMW14C-021722 were 134%, which were above the 56-131% control limit. The positive result for carbon tetrachloride in FSMW14C-021722 was qualified estimated “J”.

5.0 OVERALL ASSESSMENT

Data from the groundwater sampling activities at the Sites, were reviewed independently from the laboratory to assess data quality. A total of 340 results were evaluated and reported as final. No results were rejected during the data review process; therefore, analytical completeness was calculated to be 100%. Data not qualified during data review are considered usable by the project. The remaining results qualified as estimated may be high or low, but the data are usable according to U.S. EPA guidelines.

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



Table 5-1 Result Flagging Codes				
Data Qualifier	Qualifier Definition	Interpret Result As a Detection?	Result Usable?	Potential Result Bias
No qualifier	Acceptable	Yes	Yes	None expected
J	Estimated	Yes	Yes	High or low
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 by SW846 Method 8260D

Sample Delivery Group	Sample Identification	Laboratory Identification	Sample Date	Sample Type
4602528771	FSMW14B-021722	460-252877-1	2/17/2022	Groundwater
4602528771	FSMW14C-021722	460-252877-2	2/17/2022	Groundwater
4602528771	FSMW14A-021722	460-252877-3	2/17/2022	Groundwater
4602528771	FSMW13B-021722	460-252877-4	2/17/2022	Groundwater
4602528771	FSMW13C-021722	460-252877-5	2/17/2022	Groundwater
4602528771	FSMW13A-021722	460-252877-6	2/17/2022	Groundwater
4602528771	DUP01-021722	460-252877-7	2/17/2022	Duplicate of FSMW13A-021722
4602528771	LRF1-021822	460-252877-8	2/18/2022	Groundwater
4602528771	EB01-021822	460-252877-9	2/18/2022	Equipment Blank
4602528771	TRIP BLANK-20220218	460-252877-10	2/18/2022	Trip Blank

Attachment B
Final Results after Data Review

Table B-1 Groundwater Sample Final Results after Data Review																
Sample Delivery Group				4602528771			4602528771			4602528771			4602528771			
Lab Identification				460-252877-1			460-252877-2			460-252877-3			460-252877-4			
Sample Identification				FSMW14B-021722			FSMW14C-021722			FSMW14A-021722			FSMW13B-021722			
Sample Date				2/17/2022			2/17/2022			2/17/2022			2/17/2022			
Sample Type				Groundwater			Groundwater			Groundwater			Groundwater			
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	
SW8260D	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	U		0.24	U		0.24	U		0.24	U		
SW8260D	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U		0.37	U		0.37	U		0.37	U		
SW8260D	1,1,2-Trichloroethane	79-00-5	µg/l	0.2	U		0.2	U		0.2	U		0.2	U		
SW8260D	1,1-Dichloroethane	75-34-3	µg/l	0.26	UJ	c	0.26	U		0.26	UJ	c	0.26	UJ	c	
SW8260D	1,1-Dichloroethene	75-35-4	µg/l	0.26	U		0.26	U		0.26	U		0.26	U		
SW8260D	1,2-Dichloroethane	107-06-2	µg/l	0.43	U		0.43	U		0.43	U		0.43	U		
SW8260D	1,2-Dichloropropane	78-87-5	µg/l	0.35	U		0.35	U		0.35	U		0.35	U		
SW8260D	2-Hexanone	591-78-6	µg/l	1.1	U		1.1	U		1.1	U		1.1	U		
SW8260D	Acetone	67-64-1	µg/l	4.4	U		4.4	U		4.4	U		4.4	U		
SW8260D	Benzene	71-43-2	µg/l	0.2	U		0.2	U		0.2	U		0.2	U		
SW8260D	Bromochloromethane	74-97-5	µg/l	0.41	U		0.41	U		0.41	U		0.41	U		
SW8260D	Bromodichloromethane	75-27-4	µg/l	0.34	U		0.34	U		0.34	U		0.34	U		
SW8260D	Bromoform	75-25-2	µg/l	0.54	U		0.54	U		0.54	U		0.54	U		
SW8260D	Bromomethane	74-83-9	µg/l	0.55	U		0.55	U		0.55	U		0.55	U		
SW8260D	Carbon Disulfide	75-15-0	µg/l	0.82	U		0.82	U		0.82	U		0.82	U		
SW8260D	Carbon Tetrachloride	56-23-5	µg/l	0.21	U		0.34	J	m	0.21	U		0.21	U		
SW8260D	Chlorobenzene	108-90-7	µg/l	0.38	U		0.38	U		0.38	U		0.38	U		
SW8260D	Chloroethane	75-00-3	µg/l	0.32	U		0.32	U		0.32	U		0.32	U		
SW8260D	Chloroform	67-66-3	µg/l	0.33	U		0.33	U		0.33	U		0.33	U		
SW8260D	Chloromethane	74-87-3	µg/l	0.4	U		0.4	U		0.4	U		0.4	U		
SW8260D	Cis-1,2-Dichloroethylene	156-59-2	µg/l	0.22	U		0.58	J		1			0.55	J		
SW8260D	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U		0.22	U		0.22	U		0.22	U		
SW8260D	Ethylbenzene	100-41-4	µg/l	0.3	U		0.3	U		0.3	U		0.3	U		
SW8260D	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U		1.9	U		1.9	U		1.9	U		
SW8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U		1.3	U		1.3	U		1.3	U		
SW8260D	Methylene Chloride	75-09-2	µg/l	0.32	U		0.32	U		0.32	U		0.32	U		
SW8260D	Styrene	100-42-5	µg/l	0.42	U		0.42	U		0.42	U		0.42	U		
SW8260D	Tetrachloroethylene (PCE)	127-18-4	µg/l	32			0.7	J		45			16			
SW8260D	Toluene	108-88-3	µg/l	0.38	U		0.38	U		0.38	U		0.38	U		
SW8260D	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	U		0.24	U		0.24	U		0.24	U		
SW8260D	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.22	U		0.22	U		0.22	U		0.22	U		
SW8260D	Trichloroethylene (TCE)	79-01-6	µg/l	1.1			3.8			2.4			1.1			
SW8260D	Vinyl Chloride	75-01-4	µg/l	0.17	U		0.17	U		0.17	U		0.17	U		
SW8260D	Xylenes	1330-20-7	µg/l	0.65	U		0.65	U		0.65	U		0.65	U		

Table B-1 Groundwater Sample Final Results after Data Review																
Sample Delivery Group				4602528771			4602528771			4602528771			4602528771			
Lab Identification				460-252877-5			460-252877-6			460-252877-7			460-252877-8			
Sample Identification				FSMW13C-021722			FSMW13A-021722			DUP01-021722			LRF1-021822			
Sample Date				2/17/2022			2/17/2022			2/17/2022			2/18/2022			
Sample Type				Groundwater			Groundwater			Duplicate			Groundwater			
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	
SW8260D	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	1.2			0.24	U		0.24	U		0.24	U		
SW8260D	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U		0.37	U		0.37	U		0.37	U		
SW8260D	1,1,2-Trichloroethane	79-00-5	µg/l	0.2	U		0.2	U		0.2	U		0.2	U		
SW8260D	1,1-Dichloroethane	75-34-3	µg/l	0.8	J		0.26	UJ	c	0.26	UJ	c	0.26	UJ	c	
SW8260D	1,1-Dichloroethene	75-35-4	µg/l	5.9			0.26	U		0.26	U		0.26	U		
SW8260D	1,2-Dichloroethane	107-06-2	µg/l	0.43	U		0.43	U		0.43	U		0.43	U		
SW8260D	1,2-Dichloropropane	78-87-5	µg/l	0.35	U		2.1			2.1			0.35	U		
SW8260D	2-Hexanone	591-78-6	µg/l	1.1	U		1.1	U		1.1	U		1.1	U		
SW8260D	Acetone	67-64-1	µg/l	4.4	U		4.4	U		4.4	U		4.4	U		
SW8260D	Benzene	71-43-2	µg/l	0.2	U		0.2	U		0.2	U		0.2	U		
SW8260D	Bromochloromethane	74-97-5	µg/l	0.41	U		0.41	U		0.41	U		0.41	U		
SW8260D	Bromodichloromethane	75-27-4	µg/l	0.34	U		0.34	U		0.34	U		0.34	U		
SW8260D	Bromoform	75-25-2	µg/l	0.54	U		0.54	U		0.54	U		0.54	U		
SW8260D	Bromomethane	74-83-9	µg/l	0.55	U		0.55	U		0.55	U		0.55	U		
SW8260D	Carbon Disulfide	75-15-0	µg/l	0.82	U		0.82	U		0.82	U		0.82	U		
SW8260D	Carbon Tetrachloride	56-23-5	µg/l	0.56	J		0.21	U		0.21	U		0.21	U		
SW8260D	Chlorobenzene	108-90-7	µg/l	0.38	U		0.38	U		0.38	U		0.38	U		
SW8260D	Chloroethane	75-00-3	µg/l	0.32	U		0.32	U		0.32	U		0.32	U		
SW8260D	Chloroform	67-66-3	µg/l	3.2			0.33	U		0.33	U		0.33	U		
SW8260D	Chloromethane	74-87-3	µg/l	0.4	U		0.4	U		0.4	U		0.4	U		
SW8260D	Cis-1,2-Dichloroethylene	156-59-2	µg/l	4.1			2.4			2.6			14			
SW8260D	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U		0.22	U		0.22	U		0.22	U		
SW8260D	Ethylbenzene	100-41-4	µg/l	0.3	U		0.3	U		0.3	U		0.3	U		
SW8260D	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U		1.9	U		1.9	U		1.9	U		
SW8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U		1.3	U		1.3	U		1.3	U		
SW8260D	Methylene Chloride	75-09-2	µg/l	0.32	U		0.32	U		0.32	U		0.32	U		
SW8260D	Styrene	100-42-5	µg/l	0.42	U		0.42	U		0.42	U		0.42	U		
SW8260D	Tetrachloroethylene (PCE)	127-18-4	µg/l	6.8			67			73			100			
SW8260D	Toluene	108-88-3	µg/l	0.38	U		0.38	U		0.38	U		0.38	U		
SW8260D	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	U		0.24	U		0.24	U		0.27	J		
SW8260D	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.22	U		0.22	U		0.22	U		0.22	U		
SW8260D	Trichloroethylene (TCE)	79-01-6	µg/l	20			2.5			2.5			18			
SW8260D	Vinyl Chloride	75-01-4	µg/l	3.4			0.17	U		0.17	U		0.17	U		
SW8260D	Xylenes	1330-20-7	µg/l	0.65	U		0.65	U		0.65	U		0.65	U		

Table B-1
Groundwater Sample Final Results after Data Review

Notes:

- CAS No = Chemical Abstracts Service 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 parameter was analyzed but undetected above the method detection limit and was estimated because of a quality control outlier.
- J = **Estimated** — One or more quality control parameters were outside control limits, or the analyte concentration was less than the reporting limit.

Attachment C
NYSDEC Data Deliverables Packages

ANALYTICAL REPORT

Job Number: 460-252877-1

Job Description: FROST ST.

For:

EnSafe, Inc.

5724 Summer Trees Drive

Memphis, TN 38134

Attention: Tina Clemmey



Approved for release.
Kristyn L. Tempe
Manager of Project Management
3/21/2022 4:19 PM

Kristyn L Tempe, Manager of Project Management

777 New Durham Road, Edison, NJ, 08817

(732)549-3900

Kristyn.Tempe@Eurofinset.com

03/21/2022

Revision: 1

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

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 Environment Testing Northeast, LLC 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 Edison

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CASE NARRATIVE

Client: EnSafe, Inc.

Project: FROST ST.

Report Number: 460-252877-1

Revision: VOA CCV

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 02/18/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.5 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 FSMW14B-021722 (460-252877-1), FSMW14C-021722 (460-252877-2), FSMW14A-021722 (460-252877-3), FSMW13B-021722 (460-252877-4), FSMW13C-021722 (460-252877-5), FSMW13A-021722 (460-252877-6), DUP01-021722 (460-252877-7), LRF1-021822 (460-252877-8), EB01-021822 (460-252877-9) and TRIP BLANK (460-252877-10) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/24/2022 and 02/26/2022.

The continuing calibration verification (CCV) associated with batch 460-829917 recovered above the upper control limit for 1,1-Dichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Bromodichloromethane and Carbon tetrachloride failed the recovery criteria high for the MS/MSD of sample FSMW14C-021722MS/MSD (460-252877-2) in batch 460-830484.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-252877-1	FSMW14B-021722	Water	02/17/22 08:35	02/18/22 20:00
460-252877-2	FSMW14C-021722	Water	02/17/22 09:55	02/18/22 20:00
460-252877-3	FSMW14A-021722	Water	02/17/22 10:40	02/18/22 20:00
460-252877-4	FSMW13B-021722	Water	02/17/22 13:45	02/18/22 20:00
460-252877-5	FSMW13C-021722	Water	02/17/22 14:15	02/18/22 20:00
460-252877-6	FSMW13A-021722	Water	02/17/22 15:35	02/18/22 20:00
460-252877-7	DUP01-021722	Water	02/17/22 15:40	02/18/22 20:00
460-252877-8	LRF1-021822	Water	02/18/22 09:45	02/18/22 20:00
460-252877-9	EB01-021822	Water	02/18/22 10:10	02/18/22 20:00
460-252877-10	TRIP BLANK	Water	02/18/22 10:10	02/18/22 20:00

Detection Summary

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: FSMW14B-021722

Lab Sample ID: 460-252877-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Trichloroethene	1.1		1.0	0.31	ug/L	1			8260D	Total/NA
Tetrachloroethene	32		1.0	0.25	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW14C-021722

Lab Sample ID: 460-252877-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.58	J	1.0	0.22	ug/L	1			8260D	Total/NA
Carbon tetrachloride	0.34	J F1	1.0	0.21	ug/L	1			8260D	Total/NA
Trichloroethene	3.8		1.0	0.31	ug/L	1			8260D	Total/NA
Tetrachloroethene	0.70	J	1.0	0.25	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW14A-021722

Lab Sample ID: 460-252877-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		1.0	0.22	ug/L	1			8260D	Total/NA
Trichloroethene	2.4		1.0	0.31	ug/L	1			8260D	Total/NA
Tetrachloroethene	45		1.0	0.25	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW13B-021722

Lab Sample ID: 460-252877-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.55	J	1.0	0.22	ug/L	1			8260D	Total/NA
Trichloroethene	1.1		1.0	0.31	ug/L	1			8260D	Total/NA
Tetrachloroethene	16		1.0	0.25	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW13C-021722

Lab Sample ID: 460-252877-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Vinyl chloride	3.4		1.0	0.17	ug/L	1			8260D	Total/NA
1,1-Dichloroethene	5.9		1.0	0.26	ug/L	1			8260D	Total/NA
1,1-Dichloroethane	0.80	J	1.0	0.26	ug/L	1			8260D	Total/NA
cis-1,2-Dichloroethene	4.1		1.0	0.22	ug/L	1			8260D	Total/NA
Chloroform	3.2		1.0	0.33	ug/L	1			8260D	Total/NA
1,1,1-Trichloroethane	1.2		1.0	0.24	ug/L	1			8260D	Total/NA
Carbon tetrachloride	0.56	J	1.0	0.21	ug/L	1			8260D	Total/NA
Trichloroethene	20		1.0	0.31	ug/L	1			8260D	Total/NA
Tetrachloroethene	6.8		1.0	0.25	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW13A-021722

Lab Sample ID: 460-252877-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L	1			8260D	Total/NA
1,2-Dichloropropane	2.1		1.0	0.35	ug/L	1			8260D	Total/NA
Trichloroethene	2.5		1.0	0.31	ug/L	1			8260D	Total/NA
Tetrachloroethene	67		1.0	0.25	ug/L	1			8260D	Total/NA

Client Sample ID: DUP01-021722

Lab Sample ID: 460-252877-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.6		1.0	0.22	ug/L	1			8260D	Total/NA
1,2-Dichloropropane	2.1		1.0	0.35	ug/L	1			8260D	Total/NA
Trichloroethene	2.5		1.0	0.31	ug/L	1			8260D	Total/NA
Tetrachloroethene	73		1.0	0.25	ug/L	1			8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: LRF1-021822

Lab Sample ID: 460-252877-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.27	J	1.0	0.24	ug/L		1		8260D	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.22	ug/L		1		8260D	Total/NA
Trichloroethene	18		1.0	0.31	ug/L		1		8260D	Total/NA
Tetrachloroethene	100		1.0	0.25	ug/L		1		8260D	Total/NA

Client Sample ID: EB01-021822

Lab Sample ID: 460-252877-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methylene Chloride	2.3		1.0	0.32	ug/L		1		8260D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-252877-10

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Method Summary

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Method	Method Description	Protocol	Laboratory
8260D	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 Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: FSMW14B-021722

Lab Sample ID: 460-252877-1

Date Collected: 02/17/22 08:35

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/24/22 02:58	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/24/22 02:58	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/24/22 02:58	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/24/22 02:58	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/24/22 02:58	1
Acetone	4.4	U	5.0	4.4	ug/L			02/24/22 02:58	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/24/22 02:58	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/24/22 02:58	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/24/22 02:58	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/24/22 02:58	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/24/22 02:58	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/24/22 02:58	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/24/22 02:58	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/24/22 02:58	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/24/22 02:58	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/24/22 02:58	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/24/22 02:58	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/24/22 02:58	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 02:58	1
Trichloroethene	1.1		1.0	0.31	ug/L			02/24/22 02:58	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/24/22 02:58	1
Benzene	0.20	U	1.0	0.20	ug/L			02/24/22 02:58	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 02:58	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/24/22 02:58	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/24/22 02:58	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/24/22 02:58	1
Tetrachloroethene	32		1.0	0.25	ug/L			02/24/22 02:58	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/24/22 02:58	1
Toluene	0.38	U	1.0	0.38	ug/L			02/24/22 02:58	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/24/22 02:58	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/24/22 02:58	1
Styrene	0.42	U	1.0	0.42	ug/L			02/24/22 02:58	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/24/22 02:58	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/24/22 02:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		75 - 123		02/24/22 02:58	1
Toluene-d8 (Surr)	105		80 - 120		02/24/22 02:58	1
4-Bromofluorobenzene	104		76 - 120		02/24/22 02:58	1
Dibromofluoromethane (Surr)	104		77 - 124		02/24/22 02:58	1

Client Sample ID: FSMW14C-021722

Lab Sample ID: 460-252877-2

Date Collected: 02/17/22 09:55

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/22 10:33	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/22 10:33	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/22 10:33	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: FSMW14C-021722

Lab Sample ID: 460-252877-2

Date Collected: 02/17/22 09:55

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/22 10:33	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/22 10:33	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/22 10:33	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/22 10:33	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/22 10:33	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/22 10:33	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/22 10:33	1
cis-1,2-Dichloroethene	0.58	J	1.0	0.22	ug/L			02/26/22 10:33	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/22 10:33	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/22 10:33	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/26/22 10:33	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/26/22 10:33	1
Carbon tetrachloride	0.34	J F1	1.0	0.21	ug/L			02/26/22 10:33	1
Bromodichloromethane	0.34	U F1	1.0	0.34	ug/L			02/26/22 10:33	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/22 10:33	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 10:33	1
Trichloroethene	3.8		1.0	0.31	ug/L			02/26/22 10:33	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/22 10:33	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/22 10:33	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 10:33	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/22 10:33	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/26/22 10:33	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/22 10:33	1
Tetrachloroethene	0.70	J	1.0	0.25	ug/L			02/26/22 10:33	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/22 10:33	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/22 10:33	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/22 10:33	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/22 10:33	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/22 10:33	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/22 10:33	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/26/22 10:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 123		02/26/22 10:33	1
Toluene-d8 (Surr)	99		80 - 120		02/26/22 10:33	1
4-Bromofluorobenzene	102		76 - 120		02/26/22 10:33	1
Dibromofluoromethane (Surr)	109		77 - 124		02/26/22 10:33	1

Client Sample ID: FSMW14A-021722

Lab Sample ID: 460-252877-3

Date Collected: 02/17/22 10:40

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/24/22 03:44	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/24/22 03:44	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/24/22 03:44	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/24/22 03:44	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/24/22 03:44	1
Acetone	4.4	U	5.0	4.4	ug/L			02/24/22 03:44	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: FSMW14A-021722

Lab Sample ID: 460-252877-3

Date Collected: 02/17/22 10:40

Matrix: Water

Date Received: 02/18/22 20:00

Method: 8260D - 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			02/24/22 03:44	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/24/22 03:44	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/24/22 03:44	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/24/22 03:44	1
cis-1,2-Dichloroethene	1.0		1.0	0.22	ug/L			02/24/22 03:44	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/24/22 03:44	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/24/22 03:44	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/24/22 03:44	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/24/22 03:44	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/24/22 03:44	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/24/22 03:44	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/24/22 03:44	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 03:44	1
Trichloroethene	2.4		1.0	0.31	ug/L			02/24/22 03:44	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/24/22 03:44	1
Benzene	0.20	U	1.0	0.20	ug/L			02/24/22 03:44	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 03:44	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/24/22 03:44	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/24/22 03:44	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/24/22 03:44	1
Tetrachloroethene	45		1.0	0.25	ug/L			02/24/22 03:44	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/24/22 03:44	1
Toluene	0.38	U	1.0	0.38	ug/L			02/24/22 03:44	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/24/22 03:44	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/24/22 03:44	1
Styrene	0.42	U	1.0	0.42	ug/L			02/24/22 03:44	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/24/22 03:44	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/24/22 03:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		75 - 123					02/24/22 03:44	1
Toluene-d8 (Surr)	108		80 - 120					02/24/22 03:44	1
4-Bromofluorobenzene	106		76 - 120					02/24/22 03:44	1
Dibromofluoromethane (Surr)	106		77 - 124					02/24/22 03:44	1

Client Sample ID: FSMW13B-021722

Lab Sample ID: 460-252877-4

Date Collected: 02/17/22 13:45

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/24/22 04:07	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/24/22 04:07	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/24/22 04:07	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/24/22 04:07	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/24/22 04:07	1
Acetone	4.4	U	5.0	4.4	ug/L			02/24/22 04:07	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/24/22 04:07	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/24/22 04:07	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/24/22 04:07	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: FSMW13B-021722

Lab Sample ID: 460-252877-4

Date Collected: 02/17/22 13:45

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/24/22 04:07	1
cis-1,2-Dichloroethene	0.55	J	1.0	0.22	ug/L			02/24/22 04:07	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/24/22 04:07	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/24/22 04:07	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/24/22 04:07	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/24/22 04:07	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/24/22 04:07	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/24/22 04:07	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/24/22 04:07	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 04:07	1
Trichloroethene	1.1		1.0	0.31	ug/L			02/24/22 04:07	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/24/22 04:07	1
Benzene	0.20	U	1.0	0.20	ug/L			02/24/22 04:07	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 04:07	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/24/22 04:07	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/24/22 04:07	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/24/22 04:07	1
Tetrachloroethene	16		1.0	0.25	ug/L			02/24/22 04:07	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/24/22 04:07	1
Toluene	0.38	U	1.0	0.38	ug/L			02/24/22 04:07	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/24/22 04:07	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/24/22 04:07	1
Styrene	0.42	U	1.0	0.42	ug/L			02/24/22 04:07	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/24/22 04:07	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/24/22 04:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 123		02/24/22 04:07	1
Toluene-d8 (Surr)	108		80 - 120		02/24/22 04:07	1
4-Bromofluorobenzene	107		76 - 120		02/24/22 04:07	1
Dibromofluoromethane (Surr)	105		77 - 124		02/24/22 04:07	1

Client Sample ID: FSMW13C-021722

Lab Sample ID: 460-252877-5

Date Collected: 02/17/22 14:15

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/22 10:56	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/22 10:56	1
Vinyl chloride	3.4		1.0	0.17	ug/L			02/26/22 10:56	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/22 10:56	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/22 10:56	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/22 10:56	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/22 10:56	1
1,1-Dichloroethene	5.9		1.0	0.26	ug/L			02/26/22 10:56	1
1,1-Dichloroethane	0.80	J	1.0	0.26	ug/L			02/26/22 10:56	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/22 10:56	1
cis-1,2-Dichloroethene	4.1		1.0	0.22	ug/L			02/26/22 10:56	1
Chloroform	3.2		1.0	0.33	ug/L			02/26/22 10:56	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: FSMW13C-021722

Lab Sample ID: 460-252877-5

Date Collected: 02/17/22 14:15

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/22 10:56	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/26/22 10:56	1
1,1,1-Trichloroethane	1.2		1.0	0.24	ug/L			02/26/22 10:56	1
Carbon tetrachloride	0.56	J	1.0	0.21	ug/L			02/26/22 10:56	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/22 10:56	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/22 10:56	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 10:56	1
Trichloroethene	20		1.0	0.31	ug/L			02/26/22 10:56	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/22 10:56	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/22 10:56	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 10:56	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/22 10:56	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/26/22 10:56	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/22 10:56	1
Tetrachloroethene	6.8		1.0	0.25	ug/L			02/26/22 10:56	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/22 10:56	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/22 10:56	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/22 10:56	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/22 10:56	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/22 10:56	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/22 10:56	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/26/22 10:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 123		02/26/22 10:56	1
Toluene-d8 (Surr)	100		80 - 120		02/26/22 10:56	1
4-Bromofluorobenzene	103		76 - 120		02/26/22 10:56	1
Dibromofluoromethane (Surr)	111		77 - 124		02/26/22 10:56	1

Client Sample ID: FSMW13A-021722

Lab Sample ID: 460-252877-6

Date Collected: 02/17/22 15:35

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/24/22 04:53	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/24/22 04:53	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/24/22 04:53	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/24/22 04:53	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/24/22 04:53	1
Acetone	4.4	U	5.0	4.4	ug/L			02/24/22 04:53	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/24/22 04:53	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/24/22 04:53	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/24/22 04:53	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/24/22 04:53	1
cis-1,2-Dichloroethene	2.4		1.0	0.22	ug/L			02/24/22 04:53	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/24/22 04:53	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/24/22 04:53	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/24/22 04:53	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/24/22 04:53	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: FSMW13A-021722

Lab Sample ID: 460-252877-6

Date Collected: 02/17/22 15:35

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/24/22 04:53	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/24/22 04:53	1
1,2-Dichloropropane	2.1		1.0	0.35	ug/L			02/24/22 04:53	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 04:53	1
Trichloroethene	2.5		1.0	0.31	ug/L			02/24/22 04:53	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/24/22 04:53	1
Benzene	0.20	U	1.0	0.20	ug/L			02/24/22 04:53	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 04:53	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/24/22 04:53	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/24/22 04:53	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/24/22 04:53	1
Tetrachloroethene	67		1.0	0.25	ug/L			02/24/22 04:53	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/24/22 04:53	1
Toluene	0.38	U	1.0	0.38	ug/L			02/24/22 04:53	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/24/22 04:53	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/24/22 04:53	1
Styrene	0.42	U	1.0	0.42	ug/L			02/24/22 04:53	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/24/22 04:53	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/24/22 04:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		75 - 123		02/24/22 04:53	1
Toluene-d8 (Surr)	109		80 - 120		02/24/22 04:53	1
4-Bromofluorobenzene	107		76 - 120		02/24/22 04:53	1
Dibromofluoromethane (Surr)	106		77 - 124		02/24/22 04:53	1

Client Sample ID: DUP01-021722

Lab Sample ID: 460-252877-7

Date Collected: 02/17/22 15:40

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/24/22 05:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/24/22 05:16	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/24/22 05:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/24/22 05:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/24/22 05:16	1
Acetone	4.4	U	5.0	4.4	ug/L			02/24/22 05:16	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/24/22 05:16	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/24/22 05:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/24/22 05:16	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/24/22 05:16	1
cis-1,2-Dichloroethene	2.6		1.0	0.22	ug/L			02/24/22 05:16	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/24/22 05:16	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/24/22 05:16	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/24/22 05:16	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/24/22 05:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/24/22 05:16	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/24/22 05:16	1
1,2-Dichloropropane	2.1		1.0	0.35	ug/L			02/24/22 05:16	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: DUP01-021722

Lab Sample ID: 460-252877-7

Date Collected: 02/17/22 15:40

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 05:16	1
Trichloroethene	2.5		1.0	0.31	ug/L			02/24/22 05:16	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/24/22 05:16	1
Benzene	0.20	U	1.0	0.20	ug/L			02/24/22 05:16	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 05:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/24/22 05:16	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/24/22 05:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/24/22 05:16	1
Tetrachloroethene	73		1.0	0.25	ug/L			02/24/22 05:16	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/24/22 05:16	1
Toluene	0.38	U	1.0	0.38	ug/L			02/24/22 05:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/24/22 05:16	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/24/22 05:16	1
Styrene	0.42	U	1.0	0.42	ug/L			02/24/22 05:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/24/22 05:16	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/24/22 05:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 123		02/24/22 05:16	1
Toluene-d8 (Surr)	109		80 - 120		02/24/22 05:16	1
4-Bromofluorobenzene	107		76 - 120		02/24/22 05:16	1
Dibromofluoromethane (Surr)	106		77 - 124		02/24/22 05:16	1

Client Sample ID: LRF1-021822

Lab Sample ID: 460-252877-8

Date Collected: 02/18/22 09:45

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/24/22 05:39	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/24/22 05:39	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/24/22 05:39	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/24/22 05:39	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/24/22 05:39	1
Acetone	4.4	U	5.0	4.4	ug/L			02/24/22 05:39	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/24/22 05:39	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/24/22 05:39	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/24/22 05:39	1
trans-1,2-Dichloroethene	0.27	J	1.0	0.24	ug/L			02/24/22 05:39	1
cis-1,2-Dichloroethene	14		1.0	0.22	ug/L			02/24/22 05:39	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/24/22 05:39	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/24/22 05:39	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/24/22 05:39	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/24/22 05:39	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/24/22 05:39	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/24/22 05:39	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/24/22 05:39	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 05:39	1
Trichloroethene	18		1.0	0.31	ug/L			02/24/22 05:39	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/24/22 05:39	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: LRF1-021822

Lab Sample ID: 460-252877-8

Date Collected: 02/18/22 09:45

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.20	U	1.0	0.20	ug/L			02/24/22 05:39	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/24/22 05:39	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/24/22 05:39	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/24/22 05:39	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/24/22 05:39	1
Tetrachloroethene	100		1.0	0.25	ug/L			02/24/22 05:39	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/24/22 05:39	1
Toluene	0.38	U	1.0	0.38	ug/L			02/24/22 05:39	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/24/22 05:39	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/24/22 05:39	1
Styrene	0.42	U	1.0	0.42	ug/L			02/24/22 05:39	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/24/22 05:39	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/24/22 05:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		75 - 123		02/24/22 05:39	1
Toluene-d8 (Surr)	109		80 - 120		02/24/22 05:39	1
4-Bromofluorobenzene	107		76 - 120		02/24/22 05:39	1
Dibromofluoromethane (Surr)	105		77 - 124		02/24/22 05:39	1

Client Sample ID: EB01-021822

Lab Sample ID: 460-252877-9

Date Collected: 02/18/22 10:10

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/22 09:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/22 09:01	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/22 09:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/22 09:01	1
Methylene Chloride	2.3		1.0	0.32	ug/L			02/26/22 09:01	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/22 09:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/22 09:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/22 09:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/22 09:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/22 09:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/22 09:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/22 09:01	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/22 09:01	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/26/22 09:01	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/26/22 09:01	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/22 09:01	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/22 09:01	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/22 09:01	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 09:01	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/22 09:01	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/22 09:01	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/22 09:01	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 09:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/22 09:01	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: EB01-021822

Lab Sample ID: 460-252877-9

Date Collected: 02/18/22 10:10

Matrix: Water

Date Received: 02/18/22 20:00

Method: 8260D - 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			02/26/22 09:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/22 09:01	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/22 09:01	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/22 09:01	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/22 09:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/22 09:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/22 09:01	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/22 09:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/22 09:01	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/26/22 09:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123		02/26/22 09:01	1
Toluene-d8 (Surr)	100		80 - 120		02/26/22 09:01	1
4-Bromofluorobenzene	103		76 - 120		02/26/22 09:01	1
Dibromofluoromethane (Surr)	109		77 - 124		02/26/22 09:01	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-252877-10

Date Collected: 02/18/22 10:10

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/22 09:25	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/22 09:25	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/22 09:25	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/22 09:25	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/22 09:25	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/22 09:25	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/22 09:25	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/22 09:25	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/22 09:25	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/22 09:25	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/22 09:25	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/22 09:25	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/22 09:25	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/26/22 09:25	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/26/22 09:25	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/22 09:25	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/22 09:25	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/22 09:25	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 09:25	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/22 09:25	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/22 09:25	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/22 09:25	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 09:25	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/22 09:25	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/26/22 09:25	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/22 09:25	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/22 09:25	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-252877-10

Date Collected: 02/18/22 10:10

Matrix: Water

Date Received: 02/18/22 20:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/22 09:25	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/22 09:25	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/22 09:25	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/22 09:25	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/22 09:25	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/22 09:25	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/26/22 09:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123		02/26/22 09:25	1
Toluene-d8 (Surr)	101		80 - 120		02/26/22 09:25	1
4-Bromofluorobenzene	101		76 - 120		02/26/22 09:25	1
Dibromofluoromethane (Surr)	110		77 - 124		02/26/22 09:25	1

Surrogate Summary

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (75-123)	TOL (80-120)	BFB (76-120)	DBFM (77-124)
460-252877-1	FSMW14B-021722	113	105	104	104
460-252877-2	FSMW14C-021722	98	99	102	109
460-252877-2 MS	FSMW14C-021722	97	102	100	109
460-252877-2 MSD	FSMW14C-021722	96	99	99	107
460-252877-3	FSMW14A-021722	113	108	106	106
460-252877-4	FSMW13B-021722	114	108	107	105
460-252877-5	FSMW13C-021722	98	100	103	111
460-252877-6	FSMW13A-021722	118	109	107	106
460-252877-7	DUP01-021722	116	109	107	106
460-252877-8	LRF1-021822	116	109	107	105
460-252877-9	EB01-021822	96	100	103	109
460-252877-10	TRIP BLANK	99	101	101	110
LCS 460-829917/4	Lab Control Sample	112	108	107	103
LCS 460-830484/4	Lab Control Sample	93	100	103	106
LCSD 460-829917/5	Lab Control Sample Dup	114	109	109	108
MB 460-829917/8	Method Blank	114	108	106	105
MB 460-830484/8	Method Blank	98	101	103	111

Surrogate Legend

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

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

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

Lab Sample ID: MB 460-829917/8

Matrix: Water

Analysis Batch: 829917

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/23/22 21:13	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/23/22 21:13	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/23/22 21:13	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/23/22 21:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/23/22 21:13	1
Acetone	4.4	U	5.0	4.4	ug/L			02/23/22 21:13	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/23/22 21:13	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/23/22 21:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/23/22 21:13	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/23/22 21:13	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/23/22 21:13	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/23/22 21:13	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/23/22 21:13	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/23/22 21:13	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/23/22 21:13	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/23/22 21:13	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/23/22 21:13	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/23/22 21:13	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/23/22 21:13	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/23/22 21:13	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/23/22 21:13	1
Benzene	0.20	U	1.0	0.20	ug/L			02/23/22 21:13	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/23/22 21:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/23/22 21:13	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/23/22 21:13	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/23/22 21:13	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/23/22 21:13	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/23/22 21:13	1
Toluene	0.38	U	1.0	0.38	ug/L			02/23/22 21:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/23/22 21:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/23/22 21:13	1
Styrene	0.42	U	1.0	0.42	ug/L			02/23/22 21:13	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/23/22 21:13	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/23/22 21:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 123		02/23/22 21:13	1
Toluene-d8 (Surr)	108		80 - 120		02/23/22 21:13	1
4-Bromofluorobenzene	106		76 - 120		02/23/22 21:13	1
Dibromofluoromethane (Surr)	105		77 - 124		02/23/22 21:13	1

Lab Sample ID: LCS 460-829917/4

Matrix: Water

Analysis Batch: 829917

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	20.0		ug/L		100	38 - 150
Bromomethane	20.0	14.6		ug/L		73	43 - 150

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

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

Lab Sample ID: LCS 460-829917/4

Matrix: Water

Analysis Batch: 829917

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	20.0	17.3		ug/L		87	61 - 144
Chloroethane	20.0	17.0		ug/L		85	50 - 150
Methylene Chloride	20.0	22.5		ug/L		112	74 - 127
Acetone	100	92.3		ug/L		92	61 - 134
Carbon disulfide	20.0	20.8		ug/L		104	64 - 138
1,1-Dichloroethene	20.0	18.1		ug/L		91	68 - 133
1,1-Dichloroethane	20.0	22.8		ug/L		114	73 - 130
trans-1,2-Dichloroethene	20.0	20.5		ug/L		103	74 - 126
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 121
Chloroform	20.0	21.4		ug/L		107	78 - 125
1,2-Dichloroethane	20.0	22.8		ug/L		114	75 - 121
2-Butanone (MEK)	100	84.0		ug/L		84	69 - 128
1,1,1-Trichloroethane	20.0	18.5		ug/L		93	68 - 128
Carbon tetrachloride	20.0	16.9		ug/L		85	56 - 131
Bromodichloromethane	20.0	22.2		ug/L		111	72 - 121
1,2-Dichloropropane	20.0	23.6		ug/L		118	76 - 126
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	74 - 125
Trichloroethene	20.0	19.4		ug/L		97	71 - 121
1,1,2-Trichloroethane	20.0	21.7		ug/L		109	74 - 125
Benzene	20.0	22.4		ug/L		112	78 - 126
trans-1,3-Dichloropropene	20.0	22.0		ug/L		110	66 - 127
Bromoform	20.0	20.7		ug/L		104	38 - 144
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	69 - 128
2-Hexanone	100	93.7		ug/L		94	74 - 127
Tetrachloroethene	20.0	18.5		ug/L		93	70 - 127
1,1,2,2-Tetrachloroethane	20.0	23.0		ug/L		115	63 - 139
Toluene	20.0	21.1		ug/L		105	78 - 119
Chlorobenzene	20.0	20.7		ug/L		103	80 - 119
Ethylbenzene	20.0	19.5		ug/L		97	78 - 120
Styrene	20.0	20.5		ug/L		103	75 - 127
Xylenes, Total	40.0	39.6		ug/L		99	78 - 122
Chlorobromomethane	20.0	19.2		ug/L		96	73 - 126

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		75 - 123
Toluene-d8 (Surr)	108		80 - 120
4-Bromofluorobenzene	107		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Lab Sample ID: LCSD 460-829917/5

Matrix: Water

Analysis Batch: 829917

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
Chloromethane	20.0	21.2		ug/L		106	38 - 150	6	30
Bromomethane	20.0	15.7		ug/L		78	43 - 150	7	30
Vinyl chloride	20.0	18.9		ug/L		95	61 - 144	9	30
Chloroethane	20.0	17.1		ug/L		86	50 - 150	1	30

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

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

Lab Sample ID: LCSD 460-829917/5

Matrix: Water

Analysis Batch: 829917

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
Methylene Chloride	20.0	24.5		ug/L		123	74 - 127	9	30
Acetone	100	91.6		ug/L		92	61 - 134	1	30
Carbon disulfide	20.0	22.6		ug/L		113	64 - 138	8	30
1,1-Dichloroethene	20.0	19.7		ug/L		99	68 - 133	9	30
1,1-Dichloroethane	20.0	24.8		ug/L		124	73 - 130	8	30
trans-1,2-Dichloroethene	20.0	22.2		ug/L		111	74 - 126	8	30
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	78 - 121	10	30
Chloroform	20.0	22.9		ug/L		115	78 - 125	7	30
1,2-Dichloroethane	20.0	24.0		ug/L		120	75 - 121	5	30
2-Butanone (MEK)	100	83.9		ug/L		84	69 - 128	0	30
1,1,1-Trichloroethane	20.0	20.6		ug/L		103	68 - 128	11	30
Carbon tetrachloride	20.0	18.4		ug/L		92	56 - 131	9	30
Bromodichloromethane	20.0	22.8		ug/L		114	72 - 121	3	30
1,2-Dichloropropane	20.0	24.5		ug/L		123	76 - 126	4	30
cis-1,3-Dichloropropene	20.0	22.6		ug/L		113	74 - 125	3	30
Trichloroethene	20.0	21.5		ug/L		107	71 - 121	10	30
1,1,2-Trichloroethane	20.0	22.4		ug/L		112	74 - 125	3	30
Benzene	20.0	23.6		ug/L		118	78 - 126	5	30
trans-1,3-Dichloropropene	20.0	21.8		ug/L		109	66 - 127	1	30
Bromoform	20.0	20.7		ug/L		103	38 - 144	0	30
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	69 - 128	2	30
2-Hexanone	100	95.5		ug/L		95	74 - 127	2	30
Tetrachloroethene	20.0	20.3		ug/L		101	70 - 127	9	30
1,1,2,2-Tetrachloroethane	20.0	22.7		ug/L		114	63 - 139	1	30
Toluene	20.0	22.2		ug/L		111	78 - 119	5	30
Chlorobenzene	20.0	21.5		ug/L		107	80 - 119	4	30
Ethylbenzene	20.0	20.4		ug/L		102	78 - 120	5	30
Styrene	20.0	21.2		ug/L		106	75 - 127	3	30
Xylenes, Total	40.0	41.1		ug/L		103	78 - 122	4	30
Chlorobromomethane	20.0	20.8		ug/L		104	73 - 126	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		75 - 123
Toluene-d8 (Surr)	109		80 - 120
4-Bromofluorobenzene	109		76 - 120
Dibromofluoromethane (Surr)	108		77 - 124

Lab Sample ID: MB 460-830484/8

Matrix: Water

Analysis Batch: 830484

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			02/26/22 08:38	1
Bromomethane	0.55	U	1.0	0.55	ug/L			02/26/22 08:38	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			02/26/22 08:38	1
Chloroethane	0.32	U	1.0	0.32	ug/L			02/26/22 08:38	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			02/26/22 08:38	1
Acetone	4.4	U	5.0	4.4	ug/L			02/26/22 08:38	1

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

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

Lab Sample ID: MB 460-830484/8

Matrix: Water

Analysis Batch: 830484

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.82	U	1.0	0.82	ug/L			02/26/22 08:38	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			02/26/22 08:38	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			02/26/22 08:38	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			02/26/22 08:38	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			02/26/22 08:38	1
Chloroform	0.33	U	1.0	0.33	ug/L			02/26/22 08:38	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			02/26/22 08:38	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			02/26/22 08:38	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			02/26/22 08:38	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			02/26/22 08:38	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			02/26/22 08:38	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			02/26/22 08:38	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 08:38	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			02/26/22 08:38	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			02/26/22 08:38	1
Benzene	0.20	U	1.0	0.20	ug/L			02/26/22 08:38	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			02/26/22 08:38	1
Bromoform	0.54	U	1.0	0.54	ug/L			02/26/22 08:38	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			02/26/22 08:38	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			02/26/22 08:38	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			02/26/22 08:38	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			02/26/22 08:38	1
Toluene	0.38	U	1.0	0.38	ug/L			02/26/22 08:38	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			02/26/22 08:38	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			02/26/22 08:38	1
Styrene	0.42	U	1.0	0.42	ug/L			02/26/22 08:38	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			02/26/22 08:38	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			02/26/22 08:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 123		02/26/22 08:38	1
Toluene-d8 (Surr)	101		80 - 120		02/26/22 08:38	1
4-Bromofluorobenzene	103		76 - 120		02/26/22 08:38	1
Dibromofluoromethane (Surr)	111		77 - 124		02/26/22 08:38	1

Lab Sample ID: LCS 460-830484/4

Matrix: Water

Analysis Batch: 830484

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	18.0		ug/L		90	38 - 150
Bromomethane	20.0	20.8		ug/L		104	43 - 150
Vinyl chloride	20.0	18.1		ug/L		90	61 - 144
Chloroethane	20.0	19.2		ug/L		96	50 - 150
Methylene Chloride	20.0	19.0		ug/L		95	74 - 127
Acetone	100	94.5		ug/L		95	61 - 134
Carbon disulfide	20.0	18.7		ug/L		93	64 - 138
1,1-Dichloroethene	20.0	18.8		ug/L		94	68 - 133

QC Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

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

Lab Sample ID: LCS 460-830484/4

Matrix: Water

Analysis Batch: 830484

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	19.3		ug/L		96	73 - 130
trans-1,2-Dichloroethene	20.0	18.9		ug/L		95	74 - 126
cis-1,2-Dichloroethene	20.0	19.1		ug/L		95	78 - 121
Chloroform	20.0	19.7		ug/L		98	78 - 125
1,2-Dichloroethane	20.0	18.7		ug/L		94	75 - 121
2-Butanone (MEK)	100	100		ug/L		100	69 - 128
1,1,1-Trichloroethane	20.0	21.7		ug/L		109	68 - 128
Carbon tetrachloride	20.0	23.9		ug/L		119	56 - 131
Bromodichloromethane	20.0	23.9		ug/L		120	72 - 121
1,2-Dichloropropane	20.0	18.4		ug/L		92	76 - 126
cis-1,3-Dichloropropene	20.0	21.2		ug/L		106	74 - 125
Trichloroethene	20.0	18.9		ug/L		94	71 - 121
1,1,2-Trichloroethane	20.0	19.5		ug/L		98	74 - 125
Benzene	20.0	20.1		ug/L		100	78 - 126
trans-1,3-Dichloropropene	20.0	21.5		ug/L		107	66 - 127
Bromoform	20.0	24.4		ug/L		122	38 - 144
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	69 - 128
2-Hexanone	100	103		ug/L		103	74 - 127
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 127
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		102	63 - 139
Toluene	20.0	19.8		ug/L		99	78 - 119
Chlorobenzene	20.0	20.0		ug/L		100	80 - 119
Ethylbenzene	20.0	19.8		ug/L		99	78 - 120
Styrene	20.0	20.9		ug/L		105	75 - 127
Xylenes, Total	40.0	40.6		ug/L		102	78 - 122
Chlorobromomethane	20.0	20.4		ug/L		102	73 - 126

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		75 - 123
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	106		77 - 124

Lab Sample ID: 460-252877-2 MS

Matrix: Water

Analysis Batch: 830484

Client Sample ID: FSMW14C-021722

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	0.40	U	20.0	16.5		ug/L		83	38 - 150
Bromomethane	0.55	U	20.0	19.9		ug/L		99	43 - 150
Vinyl chloride	0.17	U	20.0	17.7		ug/L		89	61 - 144
Chloroethane	0.32	U	20.0	19.5		ug/L		97	50 - 150
Methylene Chloride	0.32	U	20.0	20.5		ug/L		103	74 - 127
Acetone	4.4	U	100	85.4		ug/L		85	61 - 134
Carbon disulfide	0.82	U	20.0	19.6		ug/L		98	64 - 138
1,1-Dichloroethene	0.26	U	20.0	20.6		ug/L		103	68 - 133
1,1-Dichloroethane	0.26	U	20.0	20.5		ug/L		103	73 - 130
trans-1,2-Dichloroethene	0.24	U	20.0	20.5		ug/L		102	74 - 126

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

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

Lab Sample ID: 460-252877-2 MS

Matrix: Water

Analysis Batch: 830484

Client Sample ID: FSMW14C-021722

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	0.58	J	20.0	21.0		ug/L		102	78 - 121
Chloroform	0.33	U	20.0	20.7		ug/L		104	78 - 125
1,2-Dichloroethane	0.43	U	20.0	20.0		ug/L		100	75 - 121
2-Butanone (MEK)	1.9	U	100	97.9		ug/L		98	69 - 128
1,1,1-Trichloroethane	0.24	U	20.0	23.7		ug/L		118	68 - 128
Carbon tetrachloride	0.34	J F1	20.0	27.1	F1	ug/L		134	56 - 131
Bromodichloromethane	0.34	U F1	20.0	25.6	F1	ug/L		128	72 - 121
1,2-Dichloropropane	0.35	U	20.0	19.3		ug/L		96	76 - 126
cis-1,3-Dichloropropene	0.22	U	20.0	22.1		ug/L		110	74 - 125
Trichloroethene	3.8		20.0	22.8		ug/L		95	71 - 121
1,1,2-Trichloroethane	0.20	U	20.0	20.7		ug/L		104	74 - 125
Benzene	0.20	U	20.0	21.2		ug/L		106	78 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	22.3		ug/L		111	66 - 127
Bromoform	0.54	U	20.0	26.5		ug/L		133	38 - 144
4-Methyl-2-pentanone (MIBK)	1.3	U	100	108		ug/L		108	69 - 128
2-Hexanone	1.1	U	100	104		ug/L		104	74 - 127
Tetrachloroethene	0.70	J	20.0	20.6		ug/L		99	70 - 127
1,1,2,2-Tetrachloroethane	0.37	U	20.0	23.2		ug/L		116	63 - 139
Toluene	0.38	U	20.0	20.7		ug/L		103	78 - 119
Chlorobenzene	0.38	U	20.0	20.8		ug/L		104	80 - 119
Ethylbenzene	0.30	U	20.0	20.4		ug/L		102	78 - 120
Styrene	0.42	U	20.0	21.2		ug/L		106	75 - 127
Xylenes, Total	0.65	U	40.0	42.3		ug/L		106	78 - 122
Chlorobromomethane	0.41	U	20.0	20.0		ug/L		100	73 - 126
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	97		75 - 123						
Toluene-d8 (Surr)	102		80 - 120						
4-Bromofluorobenzene	100		76 - 120						
Dibromofluoromethane (Surr)	109		77 - 124						

Lab Sample ID: 460-252877-2 MSD

Matrix: Water

Analysis Batch: 830484

Client Sample ID: FSMW14C-021722

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	0.40	U	20.0	15.6		ug/L		78	38 - 150	6	30
Bromomethane	0.55	U	20.0	18.8		ug/L		94	43 - 150	5	30
Vinyl chloride	0.17	U	20.0	16.4		ug/L		82	61 - 144	8	30
Chloroethane	0.32	U	20.0	18.9		ug/L		94	50 - 150	3	30
Methylene Chloride	0.32	U	20.0	19.9		ug/L		100	74 - 127	3	30
Acetone	4.4	U	100	87.3		ug/L		87	61 - 134	2	30
Carbon disulfide	0.82	U	20.0	18.7		ug/L		94	64 - 138	5	30
1,1-Dichloroethene	0.26	U	20.0	19.8		ug/L		99	68 - 133	4	30
1,1-Dichloroethane	0.26	U	20.0	20.1		ug/L		100	73 - 130	2	30
trans-1,2-Dichloroethene	0.24	U	20.0	19.9		ug/L		100	74 - 126	3	30
cis-1,2-Dichloroethene	0.58	J	20.0	20.8		ug/L		101	78 - 121	1	30
Chloroform	0.33	U	20.0	20.9		ug/L		104	78 - 125	1	30

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

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

Lab Sample ID: 460-252877-2 MSD

Matrix: Water

Analysis Batch: 830484

Client Sample ID: FSMW14C-021722

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	0.43	U	20.0	19.5		ug/L		97	75 - 121	3	30
2-Butanone (MEK)	1.9	U	100	101		ug/L		101	69 - 128	3	30
1,1,1-Trichloroethane	0.24	U	20.0	23.3		ug/L		117	68 - 128	2	30
Carbon tetrachloride	0.34	J F1	20.0	27.1	F1	ug/L		134	56 - 131	0	30
Bromodichloromethane	0.34	U F1	20.0	26.0	F1	ug/L		130	72 - 121	1	30
1,2-Dichloropropane	0.35	U	20.0	19.2		ug/L		96	76 - 126	0	30
cis-1,3-Dichloropropene	0.22	U	20.0	22.2		ug/L		111	74 - 125	1	30
Trichloroethene	3.8		20.0	23.4		ug/L		98	71 - 121	3	30
1,1,2-Trichloroethane	0.20	U	20.0	20.7		ug/L		104	74 - 125	0	30
Benzene	0.20	U	20.0	21.2		ug/L		106	78 - 126	0	30
trans-1,3-Dichloropropene	0.22	U	20.0	22.6		ug/L		113	66 - 127	1	30
Bromoform	0.54	U	20.0	27.9		ug/L		139	38 - 144	5	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	109		ug/L		109	69 - 128	1	30
2-Hexanone	1.1	U	100	105		ug/L		105	74 - 127	1	30
Tetrachloroethene	0.70	J	20.0	21.0		ug/L		102	70 - 127	2	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	23.4		ug/L		117	63 - 139	1	30
Toluene	0.38	U	20.0	20.9		ug/L		104	78 - 119	1	30
Chlorobenzene	0.38	U	20.0	20.8		ug/L		104	80 - 119	0	30
Ethylbenzene	0.30	U	20.0	20.4		ug/L		102	78 - 120	0	30
Styrene	0.42	U	20.0	21.0		ug/L		105	75 - 127	1	30
Xylenes, Total	0.65	U	40.0	41.9		ug/L		105	78 - 122	1	30
Chlorobromomethane	0.41	U	20.0	20.5		ug/L		103	73 - 126	3	30
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	96		75 - 123								
Toluene-d8 (Surr)	99		80 - 120								
4-Bromofluorobenzene	99		76 - 120								
Dibromofluoromethane (Surr)	107		77 - 124								

Definitions/Glossary

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control 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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

QC Association Summary

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

GC/MS VOA

Analysis Batch: 829917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-252877-1	FSMW14B-021722	Total/NA	Water	8260D	
460-252877-3	FSMW14A-021722	Total/NA	Water	8260D	
460-252877-4	FSMW13B-021722	Total/NA	Water	8260D	
460-252877-6	FSMW13A-021722	Total/NA	Water	8260D	
460-252877-7	DUP01-021722	Total/NA	Water	8260D	
460-252877-8	LRF1-021822	Total/NA	Water	8260D	
MB 460-829917/8	Method Blank	Total/NA	Water	8260D	
LCS 460-829917/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-829917/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 830484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-252877-2	FSMW14C-021722	Total/NA	Water	8260D	
460-252877-5	FSMW13C-021722	Total/NA	Water	8260D	
460-252877-9	EB01-021822	Total/NA	Water	8260D	
460-252877-10	TRIP BLANK	Total/NA	Water	8260D	
MB 460-830484/8	Method Blank	Total/NA	Water	8260D	
LCS 460-830484/4	Lab Control Sample	Total/NA	Water	8260D	
460-252877-2 MS	FSMW14C-021722	Total/NA	Water	8260D	
460-252877-2 MSD	FSMW14C-021722	Total/NA	Water	8260D	

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: FSMW14B-021722

Lab Sample ID: 460-252877-1

Date Collected: 02/17/22 08:35

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	829917	02/24/22 02:58	VBP	TAL EDI

Client Sample ID: FSMW14C-021722

Lab Sample ID: 460-252877-2

Date Collected: 02/17/22 09:55

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	830484	02/26/22 10:33	SZD	TAL EDI

Client Sample ID: FSMW14A-021722

Lab Sample ID: 460-252877-3

Date Collected: 02/17/22 10:40

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	829917	02/24/22 03:44	VBP	TAL EDI

Client Sample ID: FSMW13B-021722

Lab Sample ID: 460-252877-4

Date Collected: 02/17/22 13:45

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	829917	02/24/22 04:07	VBP	TAL EDI

Client Sample ID: FSMW13C-021722

Lab Sample ID: 460-252877-5

Date Collected: 02/17/22 14:15

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	830484	02/26/22 10:56	SZD	TAL EDI

Client Sample ID: FSMW13A-021722

Lab Sample ID: 460-252877-6

Date Collected: 02/17/22 15:35

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	829917	02/24/22 04:53	VBP	TAL EDI

Client Sample ID: DUP01-021722

Lab Sample ID: 460-252877-7

Date Collected: 02/17/22 15:40

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	829917	02/24/22 05:16	VBP	TAL EDI

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Client Sample ID: LRF1-021822

Lab Sample ID: 460-252877-8

Date Collected: 02/18/22 09:45

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	829917	02/24/22 05:39	VBP	TAL EDI

Client Sample ID: EB01-021822

Lab Sample ID: 460-252877-9

Date Collected: 02/18/22 10:10

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	830484	02/26/22 09:01	SZD	TAL EDI

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-252877-10

Date Collected: 02/18/22 10:10

Matrix: Water

Date Received: 02/18/22 20:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	830484	02/26/22 09:25	SZD	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: EnSafe, Inc.
Project/Site: FROST ST.

Job ID: 460-252877-1

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-252877-1
 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 #
FSMW14B-021722	460-252877-1	104	113	105	104
FSMW14C-021722	460-252877-2	109	98	99	102
FSMW14A-021722	460-252877-3	106	113	108	106
FSMW13B-021722	460-252877-4	105	114	108	107
FSMW13C-021722	460-252877-5	111	98	100	103
FSMW13A-021722	460-252877-6	106	118	109	107
DUP01-021722	460-252877-7	106	116	109	107
LRF1-021822	460-252877-8	105	116	109	107
EB01-021822	460-252877-9	109	96	100	103
TRIP BLANK	460-252877-10	110	99	101	101
	MB 460-829917/8	105	114	108	106
	MB 460-830484/8	111	98	101	103
	LCS 460-829917/4	103	112	108	107
	LCS 460-830484/4	106	93	100	103
	LCSD 460-829917/5	108	114	109	109
FSMW14C-021722 MS	460-252877-2 MS	109	97	102	100
FSMW14C-021722 MSD	460-252877-2 MSD	107	96	99	99

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-252877-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A15486.D
 Lab ID: LCS 460-829917/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	20.0	100	38-150	
Bromomethane	20.0	14.6	73	43-150	
Vinyl chloride	20.0	17.3	87	61-144	
Chloroethane	20.0	17.0	85	50-150	
Methylene Chloride	20.0	22.5	112	74-127	
Acetone	100	92.3	92	61-134	
Carbon disulfide	20.0	20.8	104	64-138	
1,1-Dichloroethene	20.0	18.1	91	68-133	
1,1-Dichloroethane	20.0	22.8	114	73-130	
trans-1,2-Dichloroethene	20.0	20.5	103	74-126	
cis-1,2-Dichloroethene	20.0	19.2	96	78-121	
Chloroform	20.0	21.4	107	78-125	
1,2-Dichloroethane	20.0	22.8	114	75-121	
2-Butanone (MEK)	100	84.0	84	69-128	
1,1,1-Trichloroethane	20.0	18.5	93	68-128	
Carbon tetrachloride	20.0	16.9	85	56-131	
Bromodichloromethane	20.0	22.2	111	72-121	
1,2-Dichloropropane	20.0	23.6	118	76-126	
cis-1,3-Dichloropropene	20.0	22.0	110	74-125	
Trichloroethene	20.0	19.4	97	71-121	
1,1,2-Trichloroethane	20.0	21.7	109	74-125	
Benzene	20.0	22.4	112	78-126	
trans-1,3-Dichloropropene	20.0	22.0	110	66-127	
Bromoform	20.0	20.7	104	38-144	
4-Methyl-2-pentanone (MIBK)	100	104	104	69-128	
2-Hexanone	100	93.7	94	74-127	
Tetrachloroethene	20.0	18.5	93	70-127	
1,1,2,2-Tetrachloroethane	20.0	23.0	115	63-139	
Toluene	20.0	21.1	105	78-119	
Chlorobenzene	20.0	20.7	103	80-119	
Ethylbenzene	20.0	19.5	97	78-120	
Styrene	20.0	20.5	103	75-127	
Xylenes, Total	40.0	39.6	99	78-122	
Chlorobromomethane	20.0	19.2	96	73-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-252877-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A15591.D
 Lab ID: LCS 460-830484/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	18.0	90	38-150	
Bromomethane	20.0	20.8	104	43-150	
Vinyl chloride	20.0	18.1	90	61-144	
Chloroethane	20.0	19.2	96	50-150	
Methylene Chloride	20.0	19.0	95	74-127	
Acetone	100	94.5	95	61-134	
Carbon disulfide	20.0	18.7	93	64-138	
1,1-Dichloroethene	20.0	18.8	94	68-133	
1,1-Dichloroethane	20.0	19.3	96	73-130	
trans-1,2-Dichloroethene	20.0	18.9	95	74-126	
cis-1,2-Dichloroethene	20.0	19.1	95	78-121	
Chloroform	20.0	19.7	98	78-125	
1,2-Dichloroethane	20.0	18.7	94	75-121	
2-Butanone (MEK)	100	100	100	69-128	
1,1,1-Trichloroethane	20.0	21.7	109	68-128	
Carbon tetrachloride	20.0	23.9	119	56-131	
Bromodichloromethane	20.0	23.9	120	72-121	
1,2-Dichloropropane	20.0	18.4	92	76-126	
cis-1,3-Dichloropropene	20.0	21.2	106	74-125	
Trichloroethene	20.0	18.9	94	71-121	
1,1,2-Trichloroethane	20.0	19.5	98	74-125	
Benzene	20.0	20.1	100	78-126	
trans-1,3-Dichloropropene	20.0	21.5	107	66-127	
Bromoform	20.0	24.4	122	38-144	
4-Methyl-2-pentanone (MIBK)	100	106	106	69-128	
2-Hexanone	100	103	103	74-127	
Tetrachloroethene	20.0	19.8	99	70-127	
1,1,2,2-Tetrachloroethane	20.0	20.3	102	63-139	
Toluene	20.0	19.8	99	78-119	
Chlorobenzene	20.0	20.0	100	80-119	
Ethylbenzene	20.0	19.8	99	78-120	
Styrene	20.0	20.9	105	75-127	
Xylenes, Total	40.0	40.6	102	78-122	
Chlorobromomethane	20.0	20.4	102	73-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-252877-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A15487.D
 Lab ID: LCSD 460-829917/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	20.0	21.2	106	6	30	38-150	
Bromomethane	20.0	15.7	78	7	30	43-150	
Vinyl chloride	20.0	18.9	95	9	30	61-144	
Chloroethane	20.0	17.1	86	1	30	50-150	
Methylene Chloride	20.0	24.5	123	9	30	74-127	
Acetone	100	91.6	92	1	30	61-134	
Carbon disulfide	20.0	22.6	113	8	30	64-138	
1,1-Dichloroethene	20.0	19.7	99	9	30	68-133	
1,1-Dichloroethane	20.0	24.8	124	8	30	73-130	
trans-1,2-Dichloroethene	20.0	22.2	111	8	30	74-126	
cis-1,2-Dichloroethene	20.0	21.2	106	10	30	78-121	
Chloroform	20.0	22.9	115	7	30	78-125	
1,2-Dichloroethane	20.0	24.0	120	5	30	75-121	
2-Butanone (MEK)	100	83.9	84	0	30	69-128	
1,1,1-Trichloroethane	20.0	20.6	103	11	30	68-128	
Carbon tetrachloride	20.0	18.4	92	9	30	56-131	
Bromodichloromethane	20.0	22.8	114	3	30	72-121	
1,2-Dichloropropane	20.0	24.5	123	4	30	76-126	
cis-1,3-Dichloropropene	20.0	22.6	113	3	30	74-125	
Trichloroethene	20.0	21.5	107	10	30	71-121	
1,1,2-Trichloroethane	20.0	22.4	112	3	30	74-125	
Benzene	20.0	23.6	118	5	30	78-126	
trans-1,3-Dichloropropene	20.0	21.8	109	1	30	66-127	
Bromoform	20.0	20.7	103	0	30	38-144	
4-Methyl-2-pentanone (MIBK)	100	106	106	2	30	69-128	
2-Hexanone	100	95.5	95	2	30	74-127	
Tetrachloroethene	20.0	20.3	101	9	30	70-127	
1,1,2,2-Tetrachloroethane	20.0	22.7	114	1	30	63-139	
Toluene	20.0	22.2	111	5	30	78-119	
Chlorobenzene	20.0	21.5	107	4	30	80-119	
Ethylbenzene	20.0	20.4	102	5	30	78-120	
Styrene	20.0	21.2	106	3	30	75-127	
Xylenes, Total	40.0	41.1	103	4	30	78-122	
Chlorobromomethane	20.0	20.8	104	8	30	73-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison

Job No.: 460-252877-1

SDG No.: _____

Matrix: Water

Level: Low

Lab File ID: A15616.D

Lab ID: 460-252877-2 MS

Client ID: FSMW14C-021722 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	20.0	0.40 U	16.5	83	38-150	
Bromomethane	20.0	0.55 U	19.9	99	43-150	
Vinyl chloride	20.0	0.17 U	17.7	89	61-144	
Chloroethane	20.0	0.32 U	19.5	97	50-150	
Methylene Chloride	20.0	0.32 U	20.5	103	74-127	
Acetone	100	4.4 U	85.4	85	61-134	
Carbon disulfide	20.0	0.82 U	19.6	98	64-138	
1,1-Dichloroethene	20.0	0.26 U	20.6	103	68-133	
1,1-Dichloroethane	20.0	0.26 U	20.5	103	73-130	
trans-1,2-Dichloroethene	20.0	0.24 U	20.5	102	74-126	
cis-1,2-Dichloroethene	20.0	0.58 J	21.0	102	78-121	
Chloroform	20.0	0.33 U	20.7	104	78-125	
1,2-Dichloroethane	20.0	0.43 U	20.0	100	75-121	
2-Butanone (MEK)	100	1.9 U	97.9	98	69-128	
1,1,1-Trichloroethane	20.0	0.24 U	23.7	118	68-128	
Carbon tetrachloride	20.0	0.34 J	27.1	134	56-131	F1
Bromodichloromethane	20.0	0.34 U	25.6	128	72-121	F1
1,2-Dichloropropane	20.0	0.35 U	19.3	96	76-126	
cis-1,3-Dichloropropene	20.0	0.22 U	22.1	110	74-125	
Trichloroethene	20.0	3.8	22.8	95	71-121	
1,1,2-Trichloroethane	20.0	0.20 U	20.7	104	74-125	
Benzene	20.0	0.20 U	21.2	106	78-126	
trans-1,3-Dichloropropene	20.0	0.22 U	22.3	111	66-127	
Bromoform	20.0	0.54 U	26.5	133	38-144	
4-Methyl-2-pentanone (MIBK)	100	1.3 U	108	108	69-128	
2-Hexanone	100	1.1 U	104	104	74-127	
Tetrachloroethene	20.0	0.70 J	20.6	99	70-127	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	23.2	116	63-139	
Toluene	20.0	0.38 U	20.7	103	78-119	
Chlorobenzene	20.0	0.38 U	20.8	104	80-119	
Ethylbenzene	20.0	0.30 U	20.4	102	78-120	
Styrene	20.0	0.42 U	21.2	106	75-127	
Xylenes, Total	40.0	0.65 U	42.3	106	78-122	
Chlorobromomethane	20.0	0.41 U	20.0	100	73-126	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-252877-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A15617.D
 Lab ID: 460-252877-2 MSD Client ID: FSMW14C-021722 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	20.0	15.6	78	6	30	38-150	
Bromomethane	20.0	18.8	94	5	30	43-150	
Vinyl chloride	20.0	16.4	82	8	30	61-144	
Chloroethane	20.0	18.9	94	3	30	50-150	
Methylene Chloride	20.0	19.9	100	3	30	74-127	
Acetone	100	87.3	87	2	30	61-134	
Carbon disulfide	20.0	18.7	94	5	30	64-138	
1,1-Dichloroethene	20.0	19.8	99	4	30	68-133	
1,1-Dichloroethane	20.0	20.1	100	2	30	73-130	
trans-1,2-Dichloroethene	20.0	19.9	100	3	30	74-126	
cis-1,2-Dichloroethene	20.0	20.8	101	1	30	78-121	
Chloroform	20.0	20.9	104	1	30	78-125	
1,2-Dichloroethane	20.0	19.5	97	3	30	75-121	
2-Butanone (MEK)	100	101	101	3	30	69-128	
1,1,1-Trichloroethane	20.0	23.3	117	2	30	68-128	
Carbon tetrachloride	20.0	27.1	134	0	30	56-131	F1
Bromodichloromethane	20.0	26.0	130	1	30	72-121	F1
1,2-Dichloropropane	20.0	19.2	96	0	30	76-126	
cis-1,3-Dichloropropene	20.0	22.2	111	1	30	74-125	
Trichloroethene	20.0	23.4	98	3	30	71-121	
1,1,2-Trichloroethane	20.0	20.7	104	0	30	74-125	
Benzene	20.0	21.2	106	0	30	78-126	
trans-1,3-Dichloropropene	20.0	22.6	113	1	30	66-127	
Bromoform	20.0	27.9	139	5	30	38-144	
4-Methyl-2-pentanone (MIBK)	100	109	109	1	30	69-128	
2-Hexanone	100	105	105	1	30	74-127	
Tetrachloroethene	20.0	21.0	102	2	30	70-127	
1,1,2,2-Tetrachloroethane	20.0	23.4	117	1	30	63-139	
Toluene	20.0	20.9	104	1	30	78-119	
Chlorobenzene	20.0	20.8	104	0	30	80-119	
Ethylbenzene	20.0	20.4	102	0	30	78-120	
Styrene	20.0	21.0	105	1	30	75-127	
Xylenes, Total	40.0	41.9	105	1	30	78-122	
Chlorobromomethane	20.0	20.5	103	3	30	73-126	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Lab File ID: A15490.D Lab Sample ID: MB 460-829917/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS1 Date Analyzed: 02/23/2022 21:13
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 460-829917/4	A15486.D	02/23/2022 19:41
	LCSD 460-829917/5	A15487.D	02/23/2022 20:04
FSMW14B-021722	460-252877-1	A15505.D	02/24/2022 02:58
FSMW14A-021722	460-252877-3	A15507.D	02/24/2022 03:44
FSMW13B-021722	460-252877-4	A15508.D	02/24/2022 04:07
FSMW13A-021722	460-252877-6	A15510.D	02/24/2022 04:53
DUP01-021722	460-252877-7	A15511.D	02/24/2022 05:16
LRF1-021822	460-252877-8	A15512.D	02/24/2022 05:39

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Lab File ID: A15595.D Lab Sample ID: MB 460-830484/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS1 Date Analyzed: 02/26/2022 08:38
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 460-830484/4	A15591.D	02/26/2022 07:06
EB01-021822	460-252877-9	A15596.D	02/26/2022 09:01
TRIP BLANK	460-252877-10	A15597.D	02/26/2022 09:25
FSMW14C-021722	460-252877-2	A15600.D	02/26/2022 10:33
FSMW13C-021722	460-252877-5	A15601.D	02/26/2022 10:56
FSMW14C-021722 MS	460-252877-2 MS	A15616.D	02/26/2022 16:41
FSMW14C-021722 MSD	460-252877-2 MSD	A15617.D	02/26/2022 17:04

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

Lab Name: Eurofins Edison Job No.: 460-252877-1
 SDG No.: _____
 Lab File ID: A13127.D BFB Injection Date: 12/23/2021
 Instrument ID: CVOAMS1 BFB Injection Time: 15:17
 Analysis Batch No.: 820619

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	124.1
96	5 - 9% of m/z 95	6.2
173	Less than 2% of m/z 174	1.2
174	50 - 200% of m/z 95	80.6
175	5 - 9% of m/z 174	8.4
176	95 -105% of m/z 174	99.6
177	5 - 10% of m/z 176	6.1

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 460-820619/3	A13129.D	12/23/2021	16:04
	STD1 460-820619/4	A13130.D	12/23/2021	16:27
	STD5 460-820619/5	A13131.D	12/23/2021	16:50
	STD20 460-820619/6	A13132.D	12/23/2021	17:13
	STD50 460-820619/7	A13133.D	12/23/2021	17:36
	STD200 460-820619/8	A13134.D	12/23/2021	17:59
	STD500 460-820619/9	A13135.D	12/23/2021	18:22
	ICV 460-820619/15	A13141.D	12/23/2021	20:39

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

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Lab File ID: A15571.D BFB Injection Date: 02/25/2022
Instrument ID: CVOAMS1 BFB Injection Time: 10:10
Analysis Batch No.: 830341

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	159.7
96	5 - 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.7
174	50 - 200% of m/z 95	62.6
175	5 - 9% of m/z 174	7.3
176	95 -105% of m/z 174	98.7
177	5 - 10% of m/z 176	6.5

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 460-830341/3	A15573.D	02/25/2022	10:49
	STD1 460-830341/4	A15574.D	02/25/2022	11:12
	STD5 460-830341/5	A15575.D	02/25/2022	11:36
	STD20 460-830341/6	A15576.D	02/25/2022	11:59
	STD50 460-830341/7	A15577.D	02/25/2022	12:22
	STD200 460-830341/8	A15578.D	02/25/2022	12:45
	STD500 460-830341/9	A15579.D	02/25/2022	13:09
	ICV 460-830341/15	A15585.D	02/25/2022	15:28

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

Lab Name: Eurofins Edison Job No.: 460-252877-1
 SDG No.: _____
 Sample No.: STD20 460-820619/6 Date Analyzed: 12/23/2021 17:13
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A13132.D Heated Purge: (Y/N) N
 Calibration ID: 88495

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		264557	3.68	277857	4.69	531801	5.60
UPPER LIMIT		529114	4.18	555714	5.19	1063602	6.10
LOWER LIMIT		132279	3.18	138929	4.19	265901	5.10
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 460-820619/15		246944	3.68	247549	4.69	486253	5.59

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 Edison Job No.: 460-252877-1
 SDG No.: _____
 Sample No.: STD20 460-820619/6 Date Analyzed: 12/23/2021 17:13
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A13132.D Heated Purge: (Y/N) N
 Calibration ID: 88495

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	28874	6.17	385835	8.03	230087	9.40	
UPPER LIMIT	57748	6.67	771670	8.53	460174	9.90	
LOWER LIMIT	14437	5.67	192918	7.53	115044	8.90	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-820619/15		28073	6.17	355239	8.03	211694	9.40

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 Edison Job No.: 460-252877-1
 SDG No.: _____
 Sample No.: CCVIS 460-829917/2 Date Analyzed: 02/23/2022 18:44
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A15484.D Heated Purge: (Y/N) N
 Calibration ID: 88495

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		262027	3.68	337479	4.69	465873	5.59
UPPER LIMIT		524054	4.18	674958	5.19	931746	6.09
LOWER LIMIT		131014	3.18	168740	4.19	232937	5.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-829917/4		265682	3.68	337851	4.69	466264	5.59
LCSD 460-829917/5		255019	3.68	328840	4.69	466316	5.59
MB 460-829917/8		237801	3.68	302115	4.69	442551	5.59
460-252877-1	FSMW14B-021722	255545	3.68	324008	4.69	464867	5.59
460-252877-3	FSMW14A-021722	256095	3.68	329051	4.69	467272	5.59
460-252877-4	FSMW13B-021722	255179	3.68	317310	4.69	451760	5.59
460-252877-6	FSMW13A-021722	236478	3.68	297519	4.69	416385	5.59
460-252877-7	DUP01-021722	238631	3.68	301657	4.69	426883	5.59
460-252877-8	LRF1-021822	233112	3.68	293905	4.69	414434	5.59

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 Edison Job No.: 460-252877-1
 SDG No.: _____
 Sample No.: CCVIS 460-829917/2 Date Analyzed: 02/23/2022 18:44
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A15484.D Heated Purge: (Y/N) N
 Calibration ID: 88495

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27492	6.17	349874	8.02	211036	9.39
UPPER LIMIT		54984	6.67	699748	8.52	422072	9.89
LOWER LIMIT		13746	5.67	174937	7.52	105518	8.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-829917/4		28707	6.17	340012	8.03	204024	9.40
LCSD 460-829917/5		27176	6.17	343097	8.03	201685	9.39
MB 460-829917/8		24512	6.17	317180	8.03	187807	9.39
460-252877-1	FSMW14B-021722	25242	6.17	338461	8.03	203317	9.39
460-252877-3	FSMW14A-021722	26794	6.17	336800	8.03	201237	9.39
460-252877-4	FSMW13B-021722	27042	6.17	325059	8.03	194606	9.39
460-252877-6	FSMW13A-021722	24414	6.16	297988	8.03	181151	9.40
460-252877-7	DUP01-021722	24730	6.17	307166	8.03	183263	9.40
460-252877-8	LRF1-021822	23912	6.17	299063	8.03	177499	9.39

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 Edison Job No.: 460-252877-1
 SDG No.: _____
 Sample No.: STD20 460-830341/6 Date Analyzed: 02/25/2022 11:59
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A15576.D Heated Purge: (Y/N) N
 Calibration ID: 89323

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		186979	3.67	352592	4.68	492757	5.59
UPPER LIMIT		373958	4.17	705184	5.18	985514	6.09
LOWER LIMIT		93490	3.17	176296	4.18	246379	5.09
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 460-830341/15		291243	3.67	349363	4.68	491125	5.58

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 Edison Job No.: 460-252877-1
 SDG No.: _____
 Sample No.: STD20 460-830341/6 Date Analyzed: 02/25/2022 11:59
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A15576.D Heated Purge: (Y/N) N
 Calibration ID: 89323

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	29903	6.16	337490	8.02	181091	9.38
UPPER LIMIT	59806	6.66	674980	8.52	362182	9.88
LOWER LIMIT	14952	5.66	168745	7.52	90546	8.88
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-830341/15		31576	6.15	336284	8.02	180170 9.38

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 Edison Job No.: 460-252877-1
 SDG No.: _____
 Sample No.: CCVIS 460-830484/3 Date Analyzed: 02/26/2022 06:43
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A15590.D Heated Purge: (Y/N) N
 Calibration ID: 89323

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		240611	3.67	334015	4.68	516042	5.59
UPPER LIMIT		481222	4.17	668030	5.18	1032084	6.09
LOWER LIMIT		120306	3.17	167008	4.18	258021	5.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-830484/4		263737	3.68	345436	4.68	523647	5.59
MB 460-830484/8		267172	3.68	338728	4.68	479433	5.58
460-252877-9	EB01-021822	266170	3.67	332287	4.68	485110	5.58
460-252877-10	TRIP BLANK	252903	3.68	332932	4.68	473300	5.59
460-252877-2	FSMW14C-021722	251276	3.68	322599	4.68	469130	5.58
460-252877-5	FSMW13C-021722	254370	3.67	333849	4.68	486869	5.59
460-252877-2 MS	FSMW14C-021722 MS	309844	3.67	380884	4.68	519953	5.58
460-252877-2 MSD	FSMW14C-021722 MSD	329405	3.68	408933	4.68	569314	5.59

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 Edison Job No.: 460-252877-1
 SDG No.: _____
 Sample No.: CCVIS 460-830484/3 Date Analyzed: 02/26/2022 06:43
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A15590.D Heated Purge: (Y/N) N
 Calibration ID: 89323

		DXE		CBNZd5		DCBd4		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		28111	6.15	356704	8.02	188872	9.38	
UPPER LIMIT		56222	6.65	713408	8.52	377744	9.88	
LOWER LIMIT		14056	5.65	178352	7.52	94436	8.88	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-830484/4		30253	6.15	356504	8.02	194458	9.38	
MB 460-830484/8		28571	6.16	319745	8.02	173550	9.38	
460-252877-9		EB01-021822	28453	6.15	323185	8.02	174922	9.38
460-252877-10		TRIP BLANK	28261	6.16	315568	8.02	168386	9.38
460-252877-2		FSMW14C-021722	26307	6.15	316045	8.02	169783	9.38
460-252877-5		FSMW13C-021722	28231	6.16	326348	8.02	177139	9.38
460-252877-2 MS		FSMW14C-021722 MS	33977	6.15	352858	8.02	185367	9.38
460-252877-2 MSD		FSMW14C-021722 MSD	34848	6.15	386256	8.02	203863	9.38

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14B-021722</u>	Lab Sample ID: <u>460-252877-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15505.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 08:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/24/2022 02:58</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>829917</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	1.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	32		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: FSMW14B-021722 Lab Sample ID: 460-252877-1
Matrix: Water Lab File ID: A15505.D
Analysis Method: 8260D Date Collected: 02/17/2022 08:35
Sample wt/vol: 5 (mL) Date Analyzed: 02/24/2022 02:58
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.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		75-123
2037-26-5	Toluene-d8 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D
 Lims ID: 460-252877-B-1
 Client ID: FSMW14B-021722
 Sample Type: Client
 Inject. Date: 24-Feb-2022 02:58:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-1
 Misc. Info.: 460-0141811-023
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:40:06 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 07:56:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 1,1-Dichloroethene	96	3.208	3.208	0.000	16	341	0.1272	
* 30 TBA-d9 (IS)	65	3.684	3.678	0.006	8	255545	1000.0	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	75	324008	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.086	0.006	96	136259	51.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.373	0.006	10	174199	56.3	
* 66 Fluorobenzene	96	5.592	5.592	0.000	0	464867	50.0	
68 Trichloroethene	95	5.879	5.879	0.000	82	2831	1.05	
* 73 1,4-Dioxane-d8	96	6.165	6.165	0.000	1	25242	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	99	490818	52.6	
88 Tetrachloroethene	166	7.421	7.421	0.000	92	89642	32.5	
* 94 Chlorobenzene-d5	117	8.031	8.024	0.007	85	338461	50.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	92	163329	52.2	
* 121 1,4-Dichlorobenzene-d4	152	9.390	9.390	0.000	96	203317	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D

Injection Date: 24-Feb-2022 02:58:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-B-1

Lab Sample ID: 460-252877-1

Worklist Smp#: 23

Client ID: FSMW14B-021722

Purge Vol: 5.000 mL

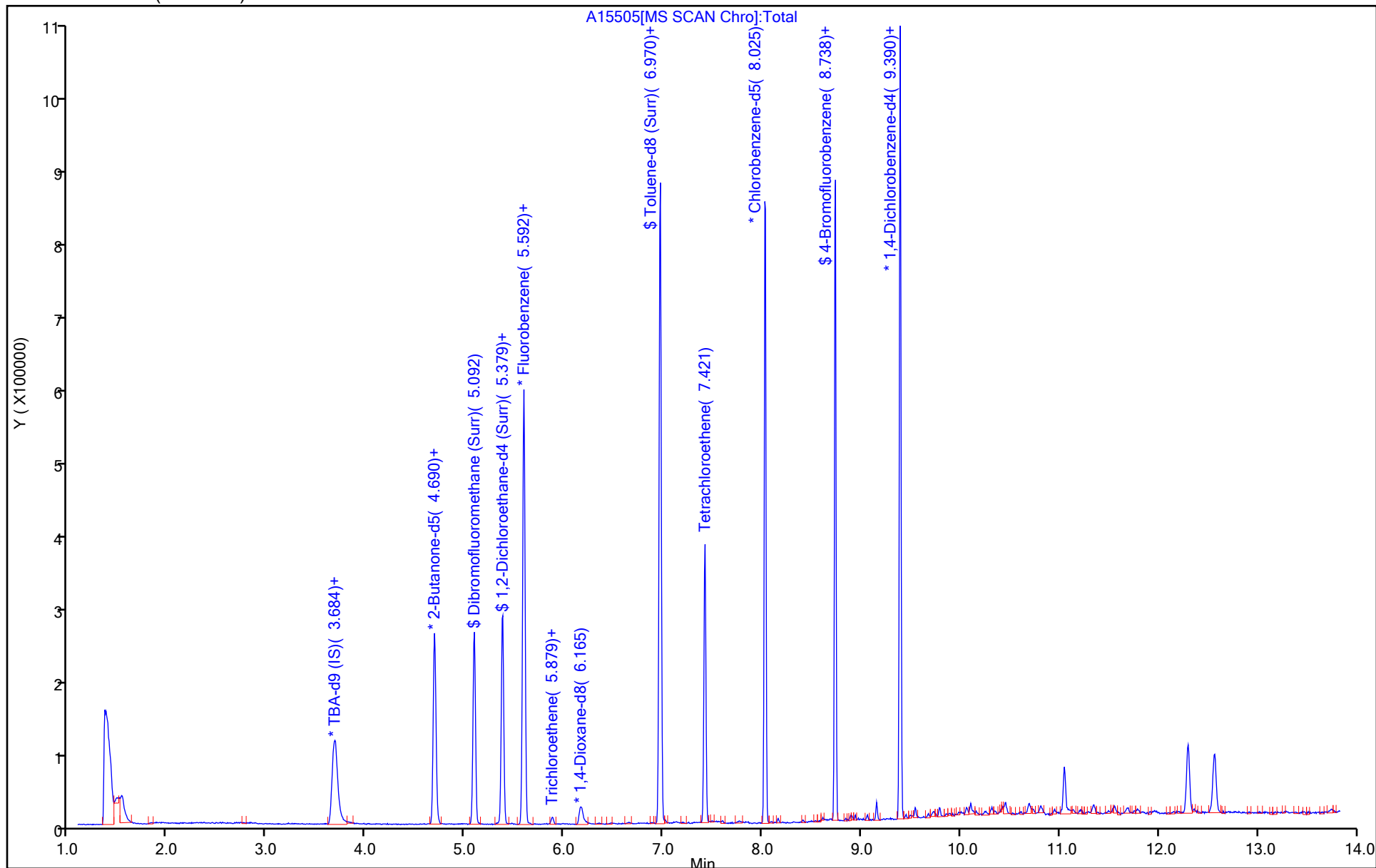
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D
Lims ID: 460-252877-B-1
Client ID: FSMW14B-021722
Sample Type: Client
Inject. Date: 24-Feb-2022 02:58:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-252877-B-1
Misc. Info.: 460-0141811-023
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2022 11:40:06 Calib Date: 23-Dec-2021 18:22:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 07:56:24

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	51.9	103.86
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.3	112.60
\$ 83 Toluene-d8 (Surr)	50.0	52.6	105.20
\$ 105 4-Bromofluorobenzene	50.0	52.2	104.44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D

Injection Date: 24-Feb-2022 02:58:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-1

Lab Sample ID: 460-252877-1

Client ID: FSMW14B-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

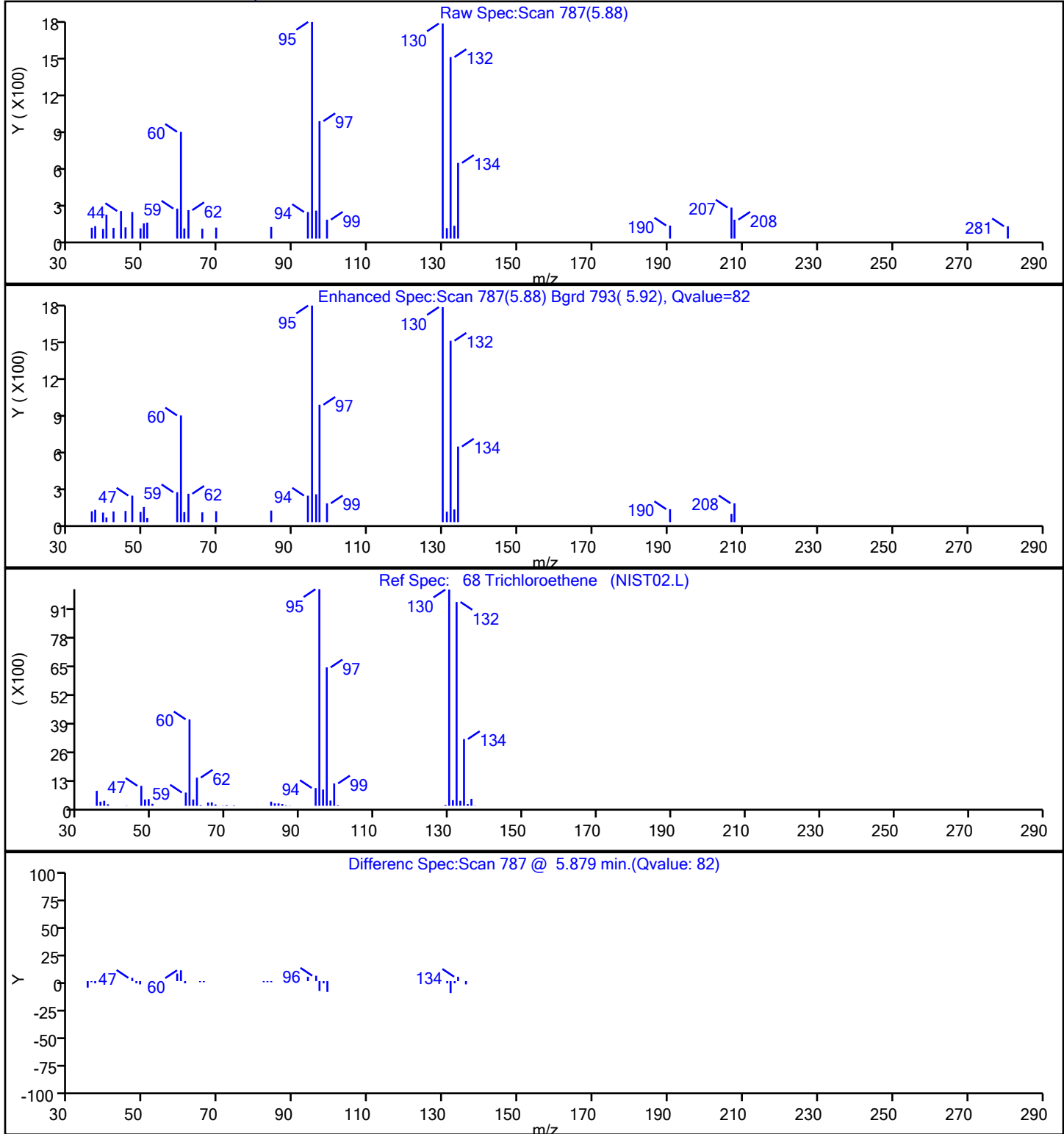
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D

Injection Date: 24-Feb-2022 02:58:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-1

Lab Sample ID: 460-252877-1

Client ID: FSMW14B-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

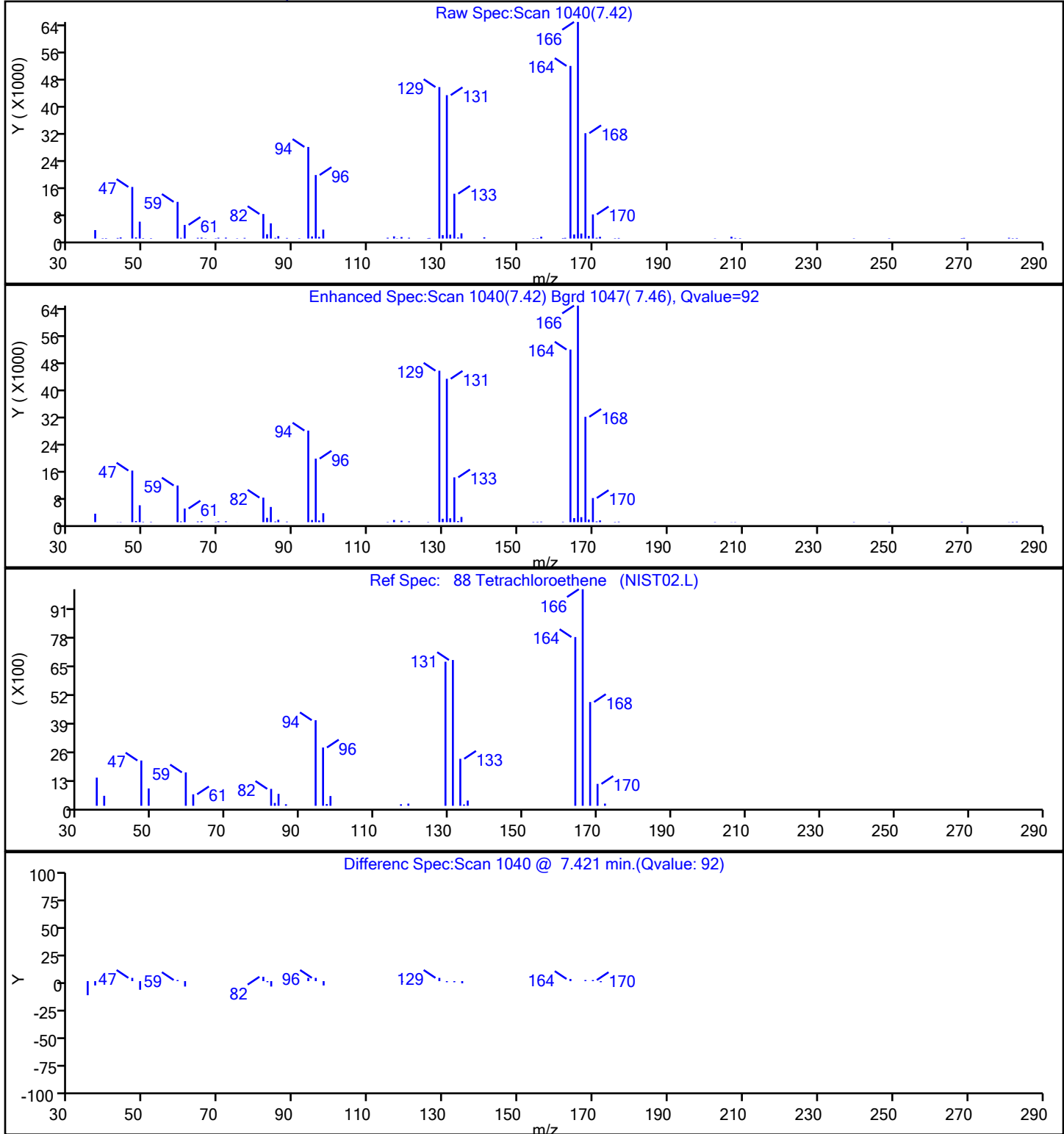
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

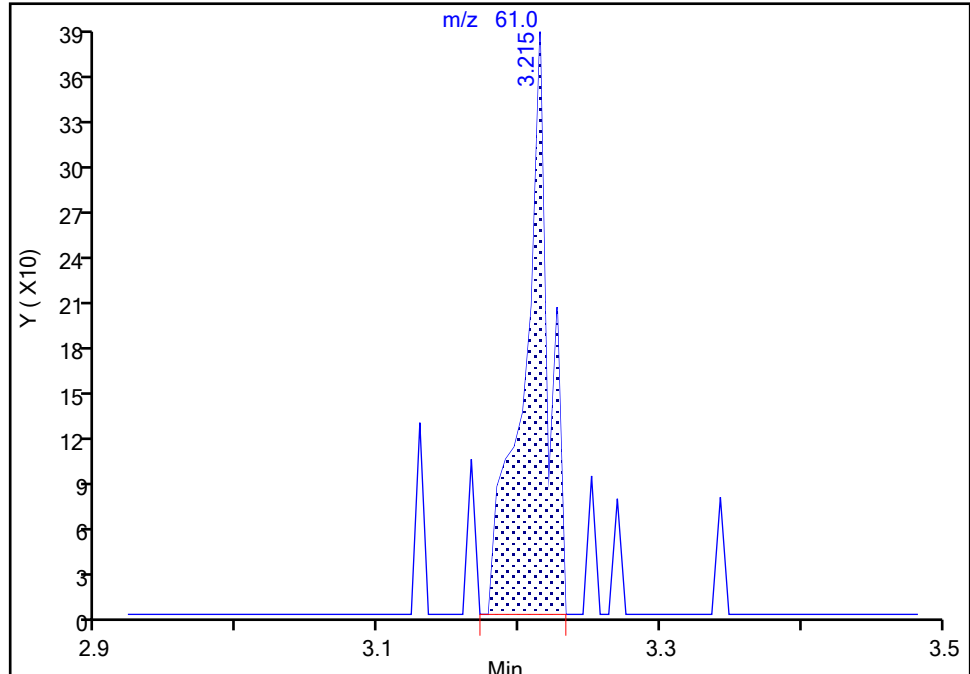
Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D		
Injection Date:	24-Feb-2022 02:58:30	Instrument ID:	CVOAMS1
Lims ID:	460-252877-B-1	Lab Sample ID:	460-252877-1
Client ID:	FSMW14B-021722		
Operator ID:	VOA GC/MS1	ALS Bottle#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	23

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 2

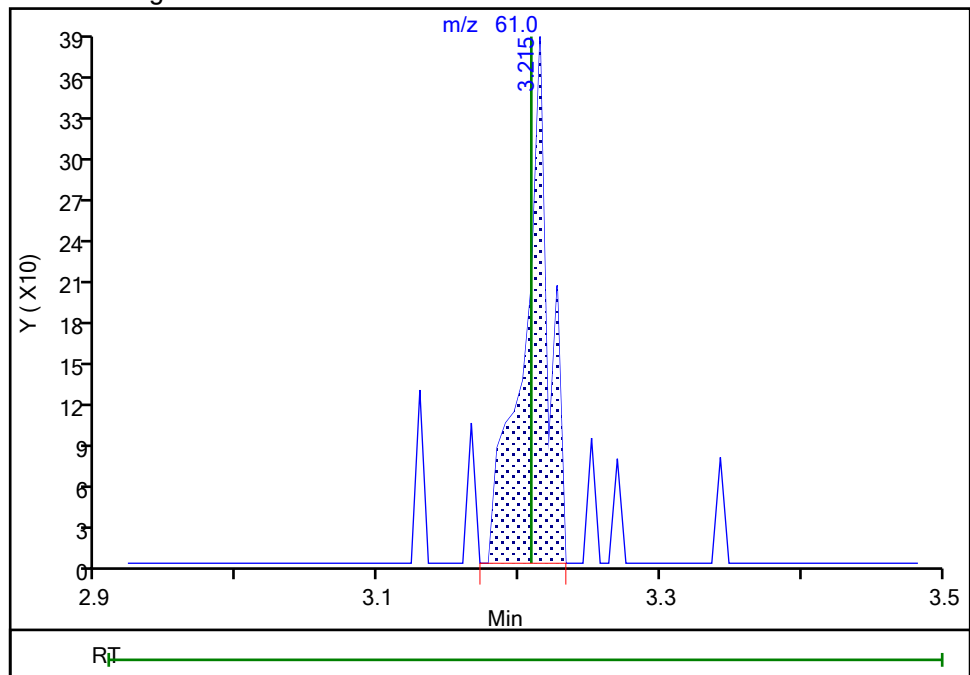
RT: 3.21
Area: 475
Amount: 0.127203
Amount Units: ug/l

Processing Integration Results



RT: 3.21
Area: 475
Amount: 0.127203
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 24-Feb-2022 09:40:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

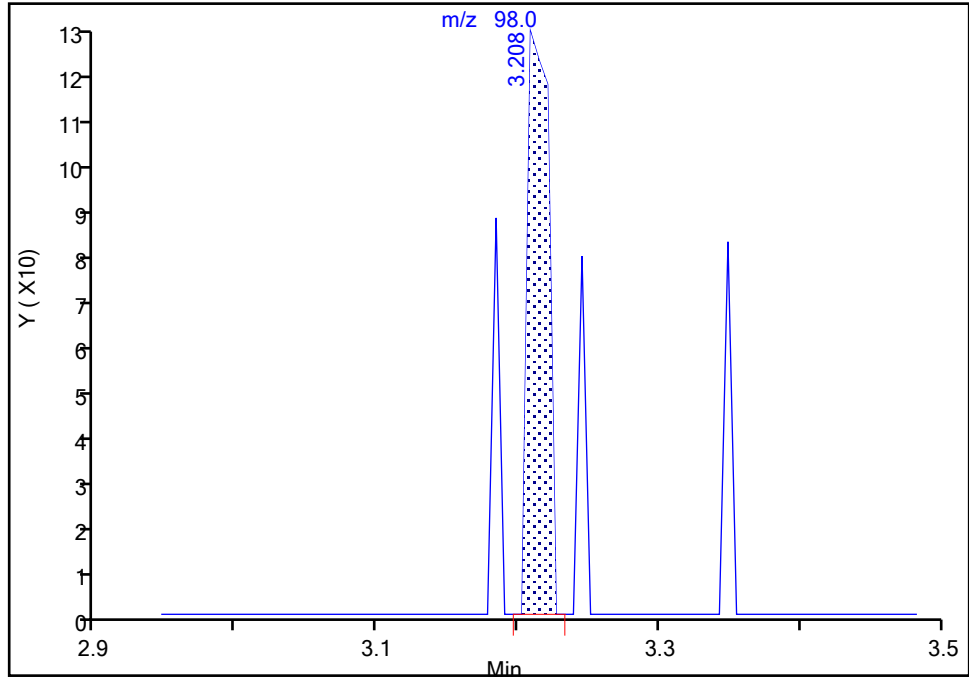
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D
Injection Date: 24-Feb-2022 02:58:30 Instrument ID: CVOAMS1
Lims ID: 460-252877-B-1 Lab Sample ID: 460-252877-1
Client ID: FSMW14B-021722
Operator ID: VOA GC/MS1 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 3

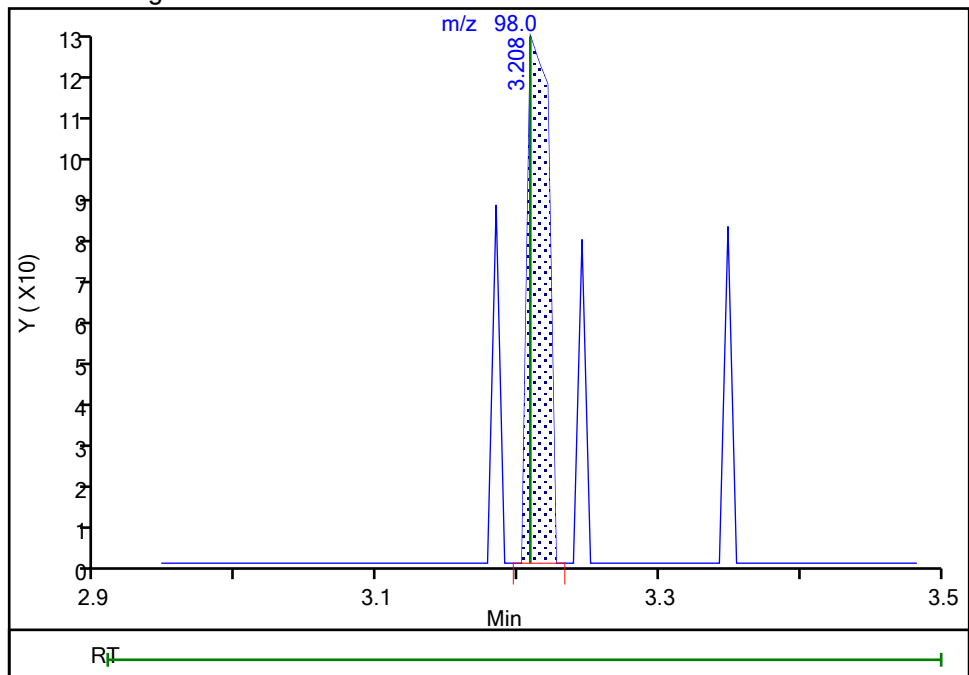
RT: 3.21
Area: 128
Amount: 0.127203
Amount Units: ug/l

Processing Integration Results



RT: 3.21
Area: 128
Amount: 0.127203
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

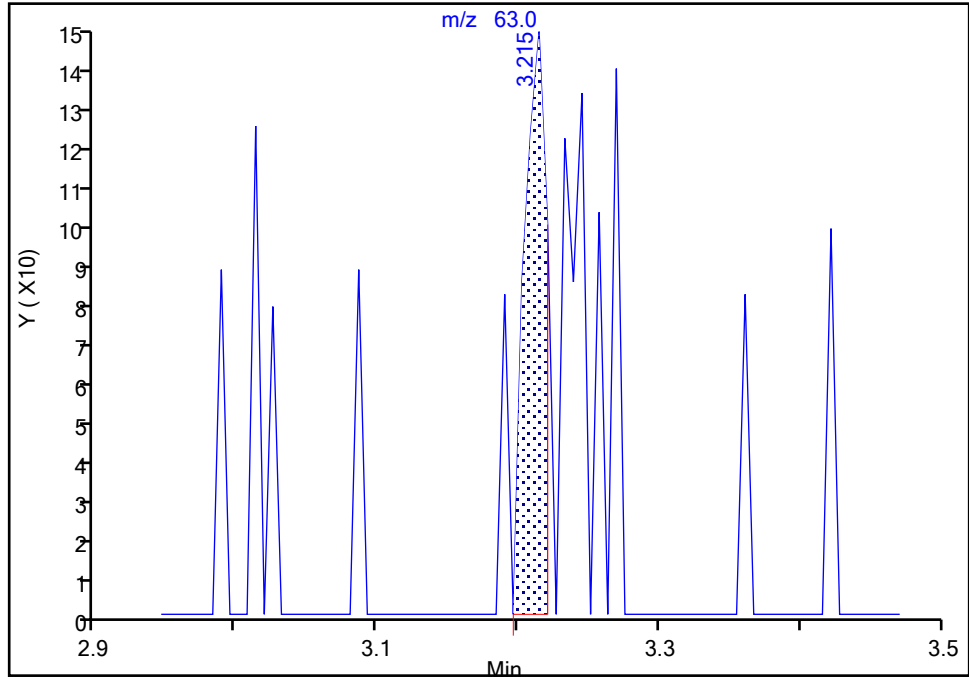
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D
Injection Date: 24-Feb-2022 02:58:30 Instrument ID: CVOAMS1
Lims ID: 460-252877-B-1 Lab Sample ID: 460-252877-1
Client ID: FSMW14B-021722
Operator ID: VOA GC/MS1 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 4

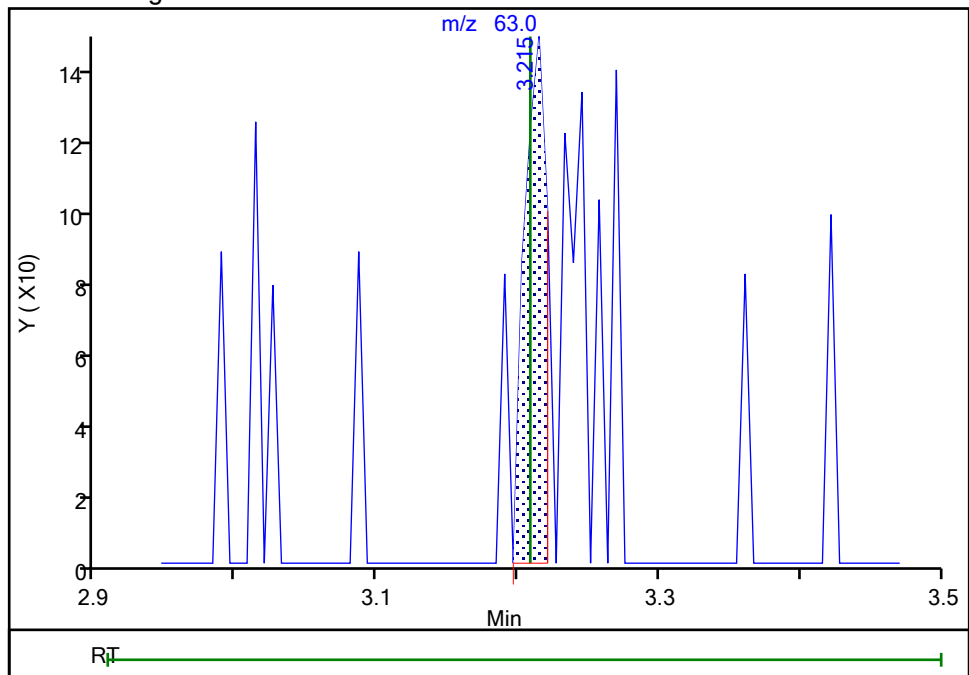
RT: 3.21
Area: 159
Amount: 0.127203
Amount Units: ug/l

Processing Integration Results



RT: 3.21
Area: 159
Amount: 0.127203
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 24-Feb-2022 09:40:01
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID
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03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D

Injection Date: 24-Feb-2022 02:58:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-1

Lab Sample ID: 460-252877-1

Client ID: FSMW14B-021722

Operator ID: VOA GC/MS1

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

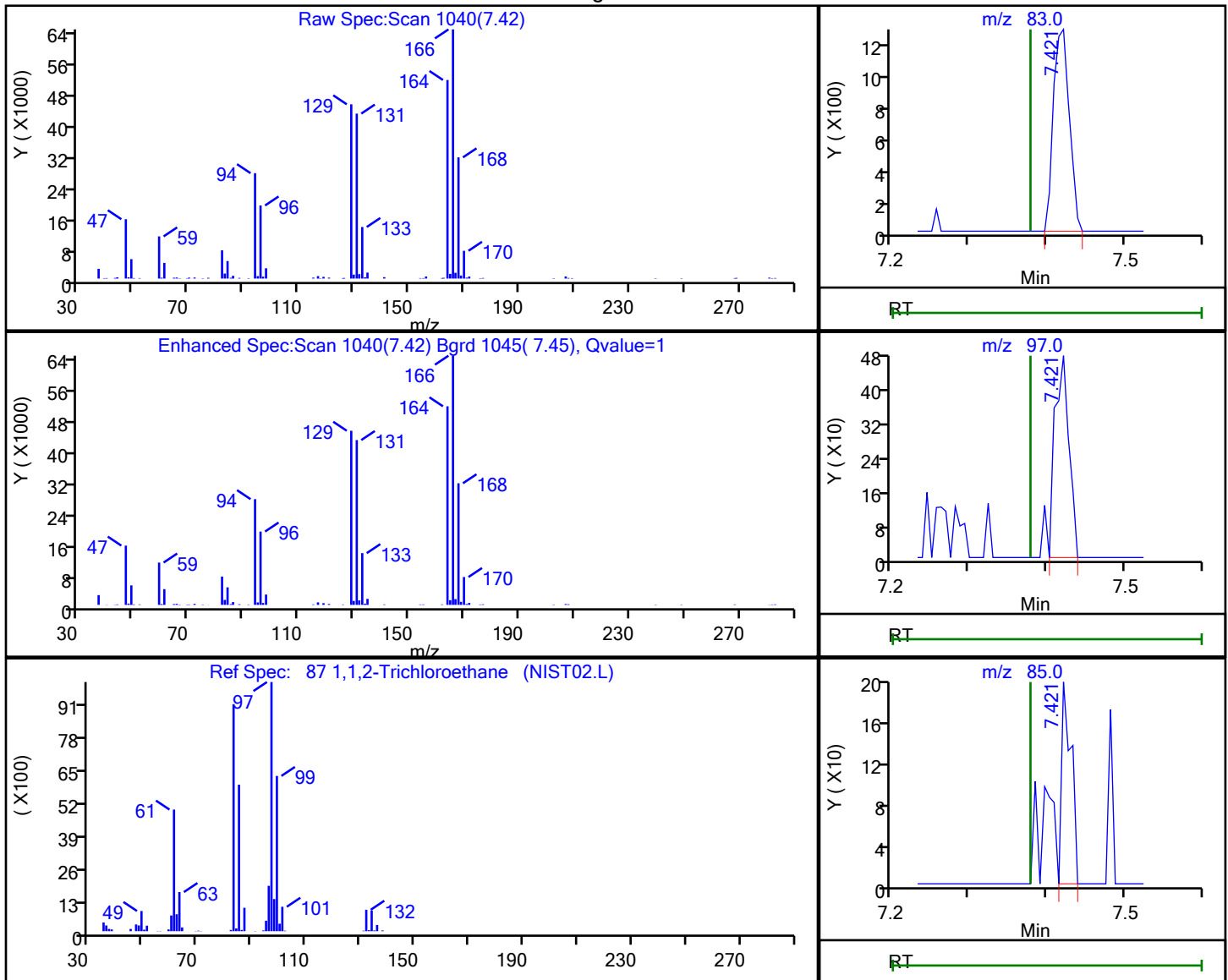
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.42	83.00	1844	1.032104
7.42	97.00	606	
7.42	85.00	164	

Reviewer: desais, 24-Feb-2022 07:56:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15505.D

Injection Date: 24-Feb-2022 02:58:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-1

Lab Sample ID: 460-252877-1

Client ID: FSMW14B-021722

Operator ID: VOA GC/MS1

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

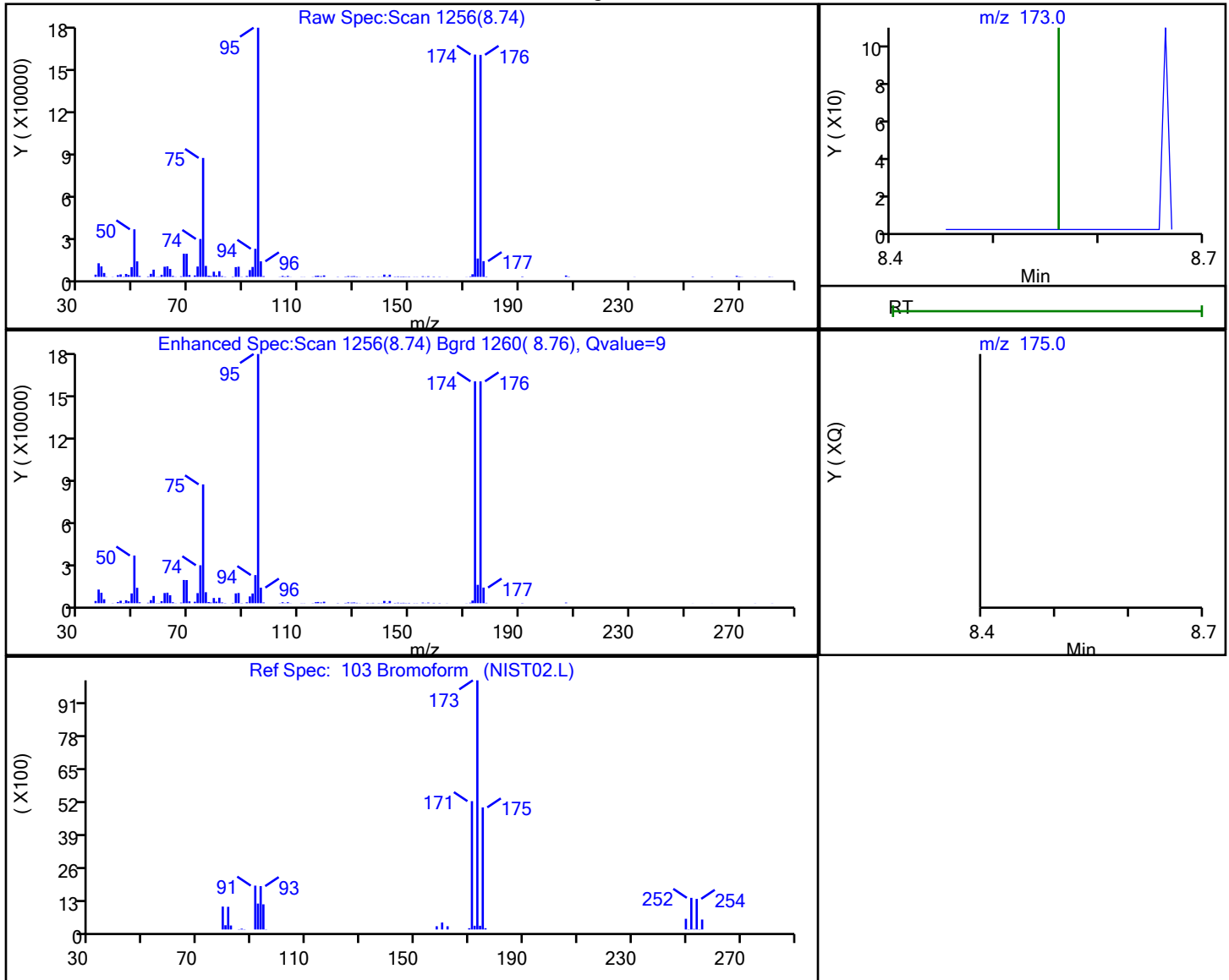
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.74	173.00	1989	1.245789
8.74	175.00	12899	

Reviewer: desais, 24-Feb-2022 07:56:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14C-021722</u>	Lab Sample ID: <u>460-252877-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15600.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 09:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/26/2022 10:33</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>830484</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.58	J	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.34	J F1	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U F1	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	3.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	0.70	J	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: FSMW14C-021722 Lab Sample ID: 460-252877-2
Matrix: Water Lab File ID: A15600.D
Analysis Method: 8260D Date Collected: 02/17/2022 09:55
Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 10:33
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.: 830484 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D
 Lims ID: 460-252877-A-2
 Client ID: FSMW14C-021722
 Sample Type: Client
 Inject. Date: 26-Feb-2022 10:33:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-A-2
 Misc. Info.: 460-0141938-013
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:54:41 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: parekhv

Date: 27-Feb-2022 16:00:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.678	3.672	0.006	0	251276	1000.0	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	0	322599	250.0	
44 cis-1,2-Dichloroethene	96	4.726	4.720	0.006	0	2059	0.5808	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.080	0.000	0	132365	54.7	
56 Carbon tetrachloride	117	5.184	5.177	0.007	0	754	0.3395	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	0	178701	49.1	
* 66 Fluorobenzene	96	5.580	5.586	-0.006	0	469130	50.0	
68 Trichloroethene	95	5.872	5.866	0.006	0	11644	3.76	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	0	26307	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	0	520774	49.6	
88 Tetrachloroethene	166	7.409	7.415	-0.006	0	1712	0.6992	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	0	316045	50.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	0	134571	51.1	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	0	169783	50.0	
S 136 1,2-Dichloroethene, Total	100				0		0.5808	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00224

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D

Injection Date: 26-Feb-2022 10:33:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-A-2

Lab Sample ID: 460-252877-2

Worklist Smp#: 13

Client ID: FSMW14C-021722

Purge Vol: 5.000 mL

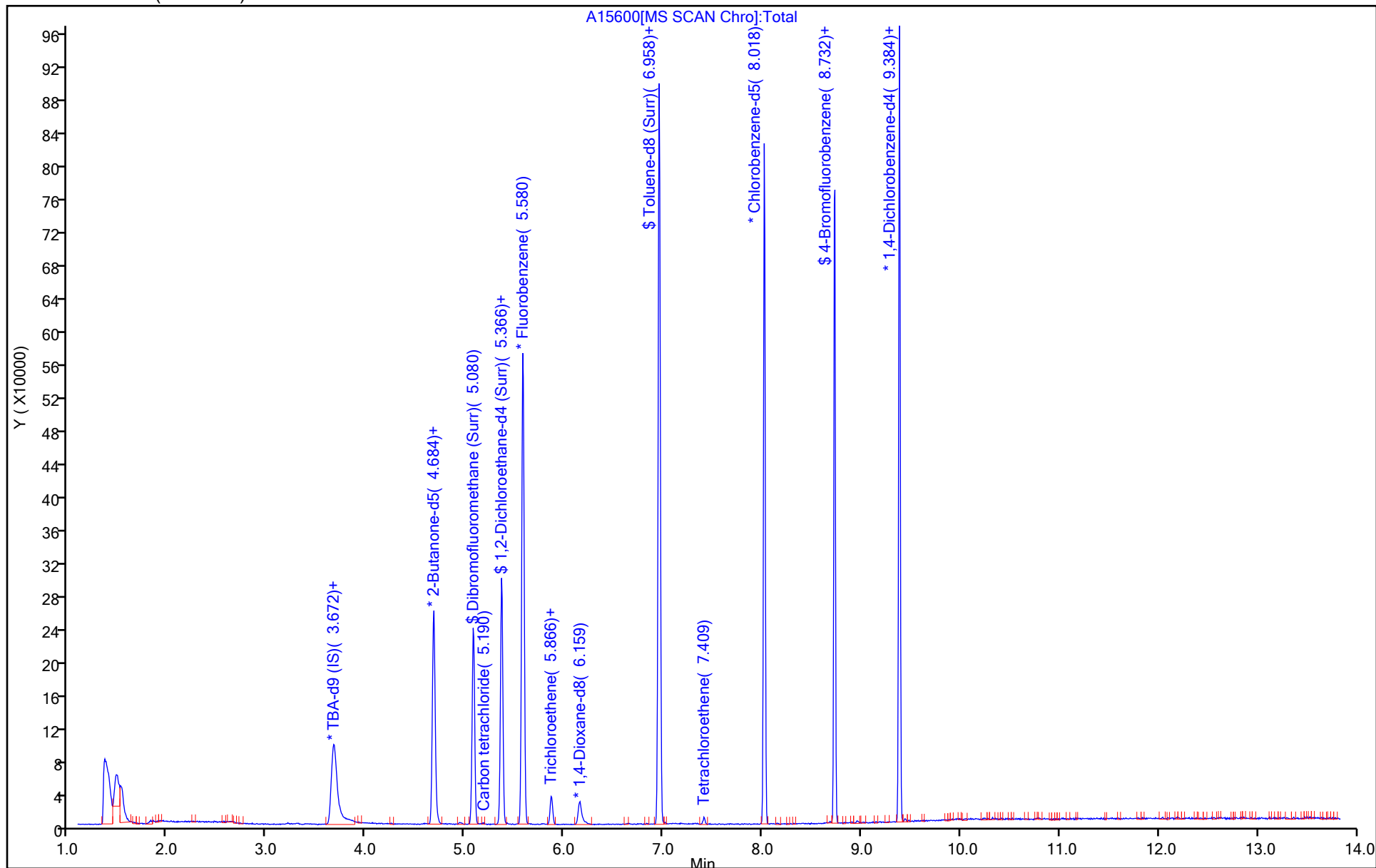
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D
 Lims ID: 460-252877-A-2
 Client ID: FSMW14C-021722
 Sample Type: Client
 Inject. Date: 26-Feb-2022 10:33:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-A-2
 Misc. Info.: 460-0141938-013
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:54:41 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: parekhv

Date: 27-Feb-2022 16:00:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.7	109.42
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.13
\$ 83 Toluene-d8 (Surr)	50.0	49.6	99.27
\$ 105 4-Bromofluorobenzene	50.0	51.1	102.27

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D

Injection Date: 26-Feb-2022 10:33:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-2

Lab Sample ID: 460-252877-2

Client ID: FSMW14C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

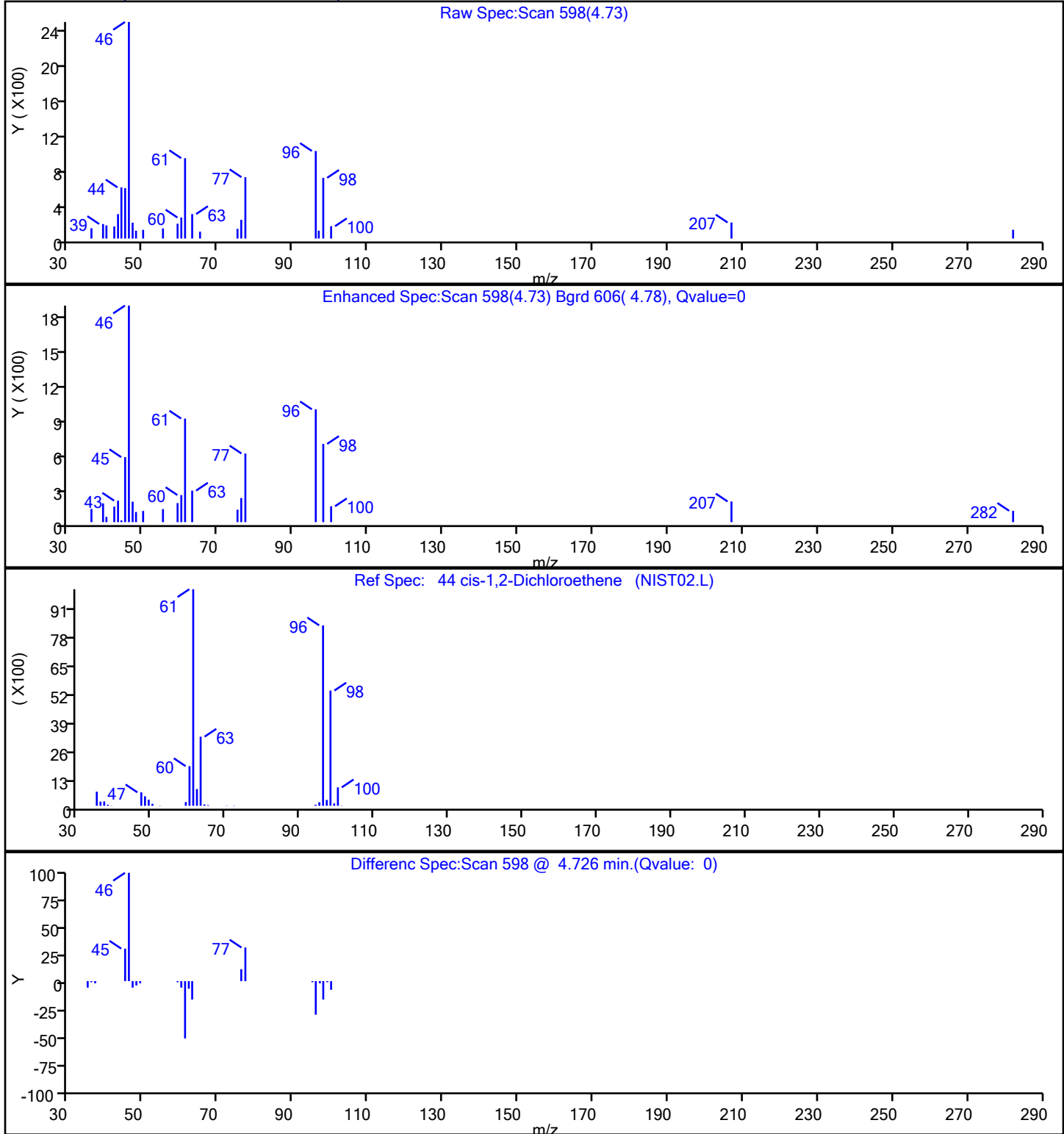
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D

Injection Date: 26-Feb-2022 10:33:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-2

Lab Sample ID: 460-252877-2

Client ID: FSMW14C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

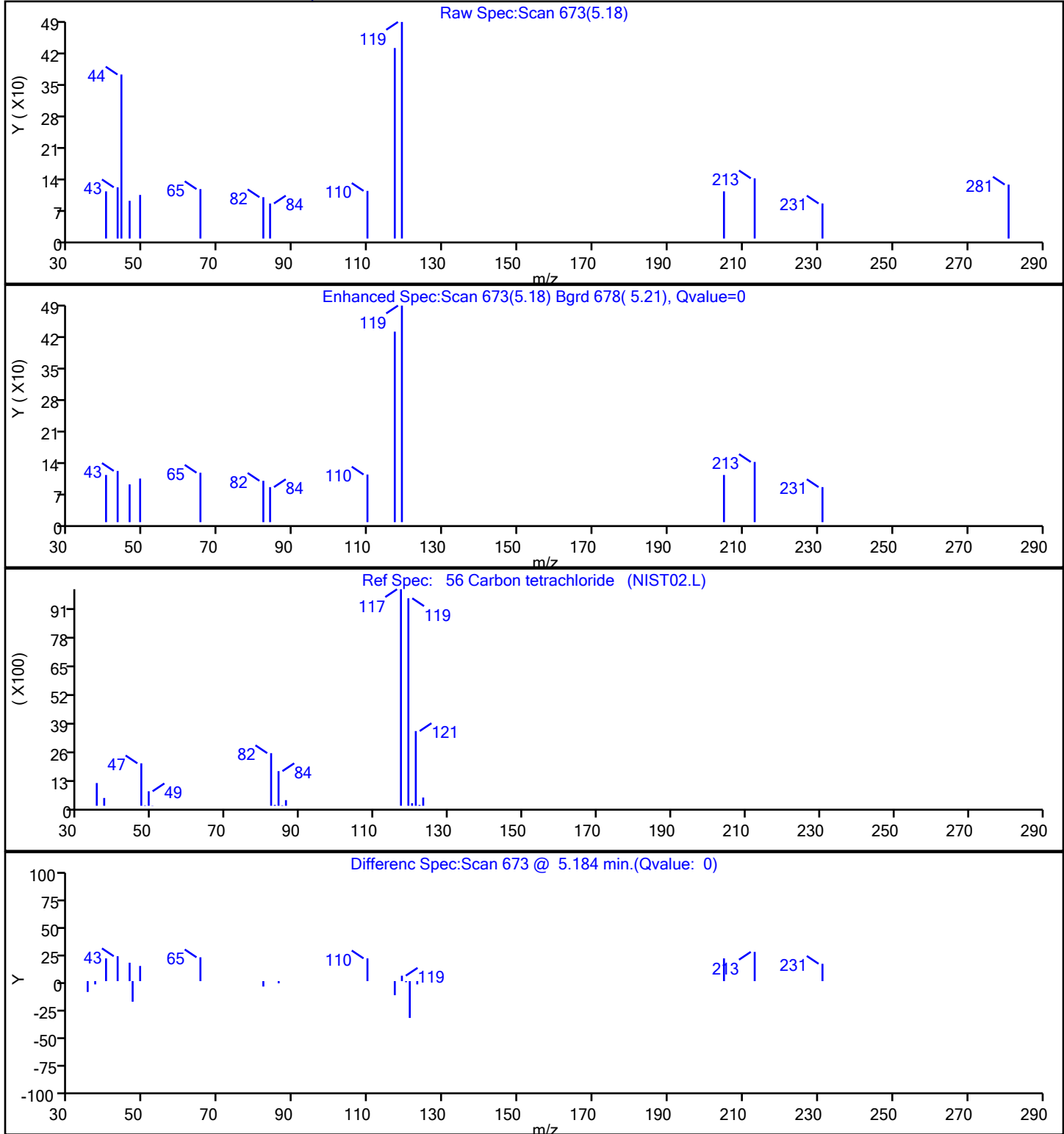
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

56 Carbon tetrachloride, CAS: 56-23-5

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D

Injection Date: 26-Feb-2022 10:33:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-2

Lab Sample ID: 460-252877-2

Client ID: FSMW14C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

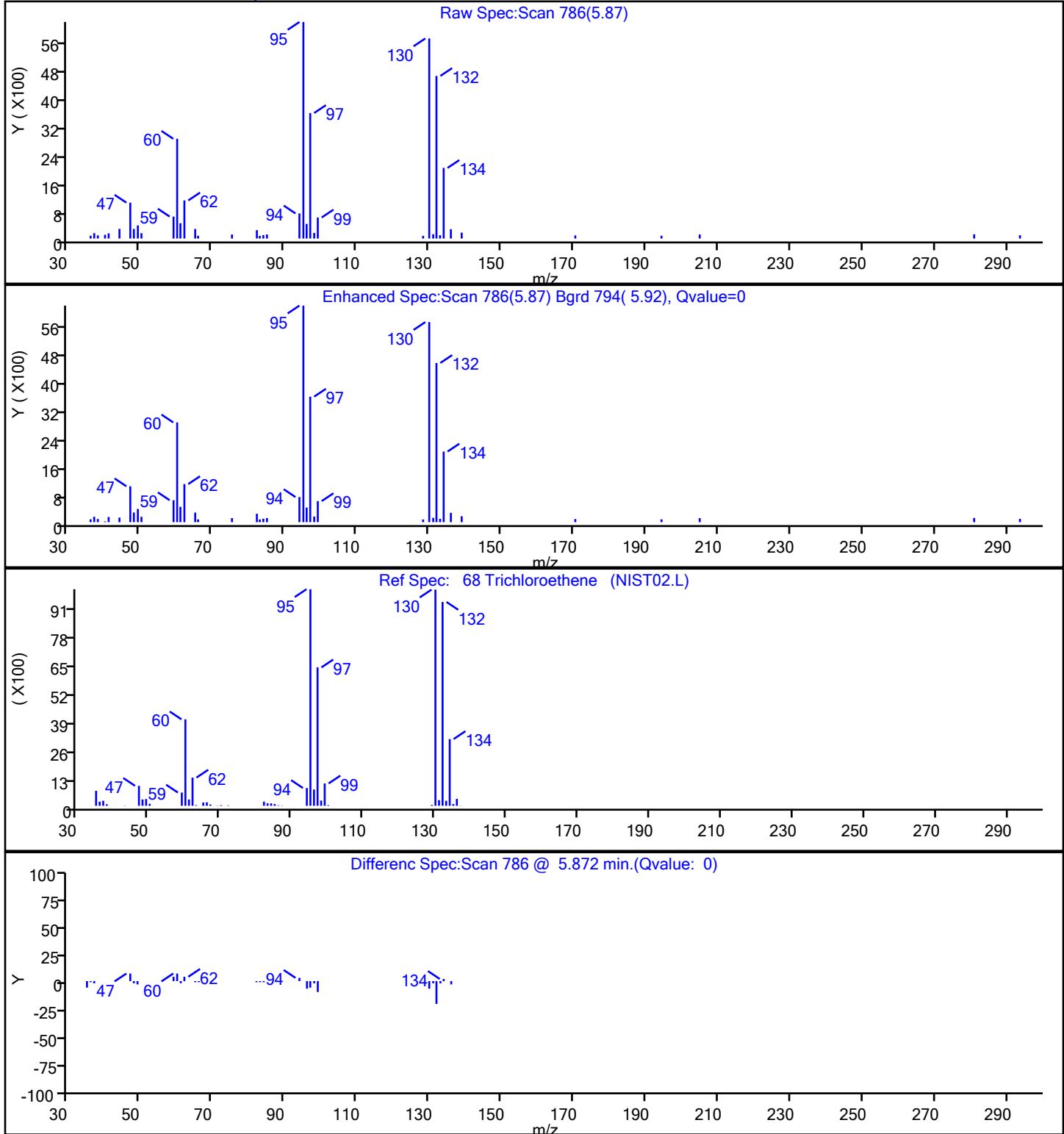
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D

Injection Date: 26-Feb-2022 10:33:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-2

Lab Sample ID: 460-252877-2

Client ID: FSMW14C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

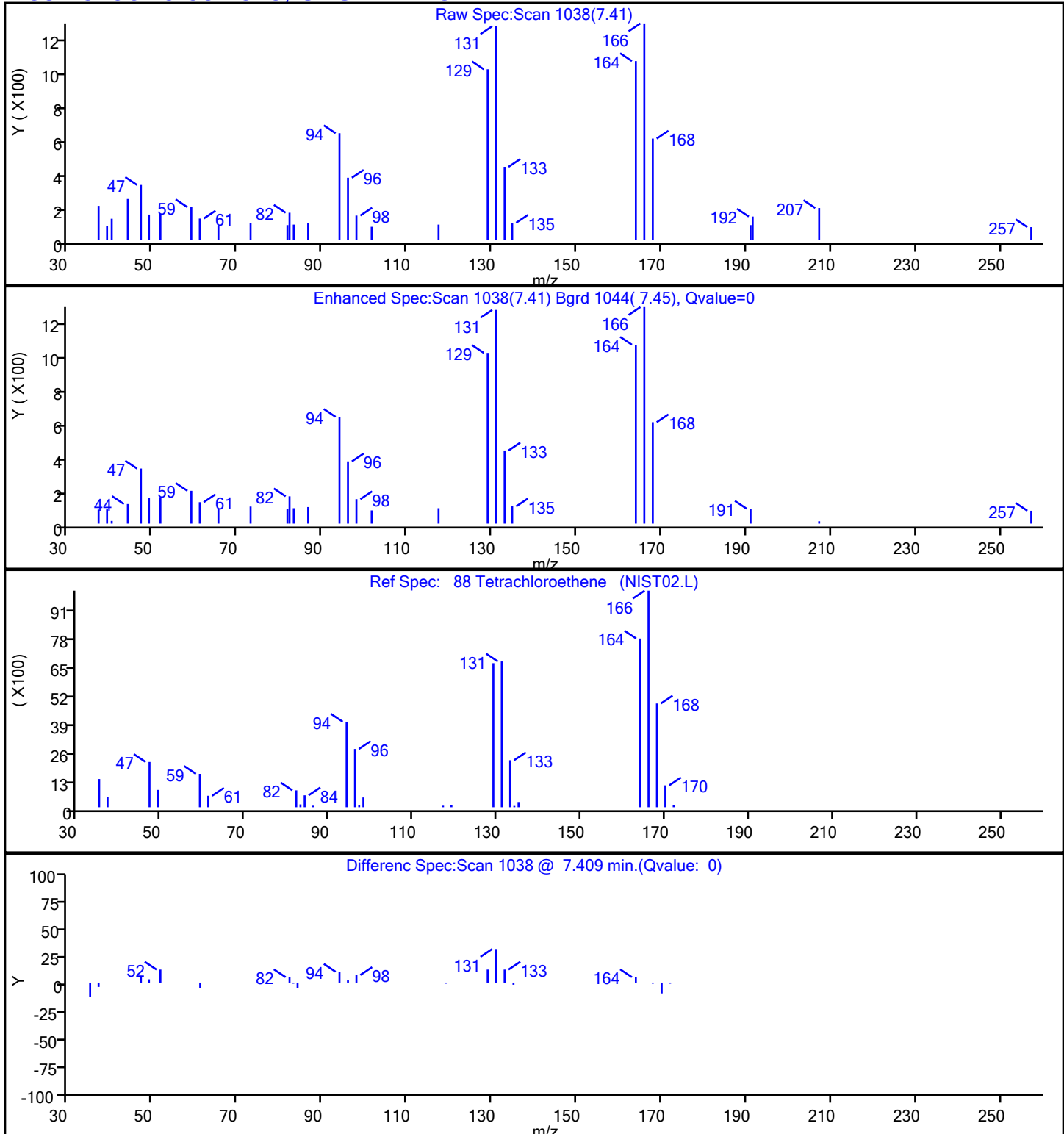
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D

Injection Date: 26-Feb-2022 10:33:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-2

Lab Sample ID: 460-252877-2

Client ID: FSMW14C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

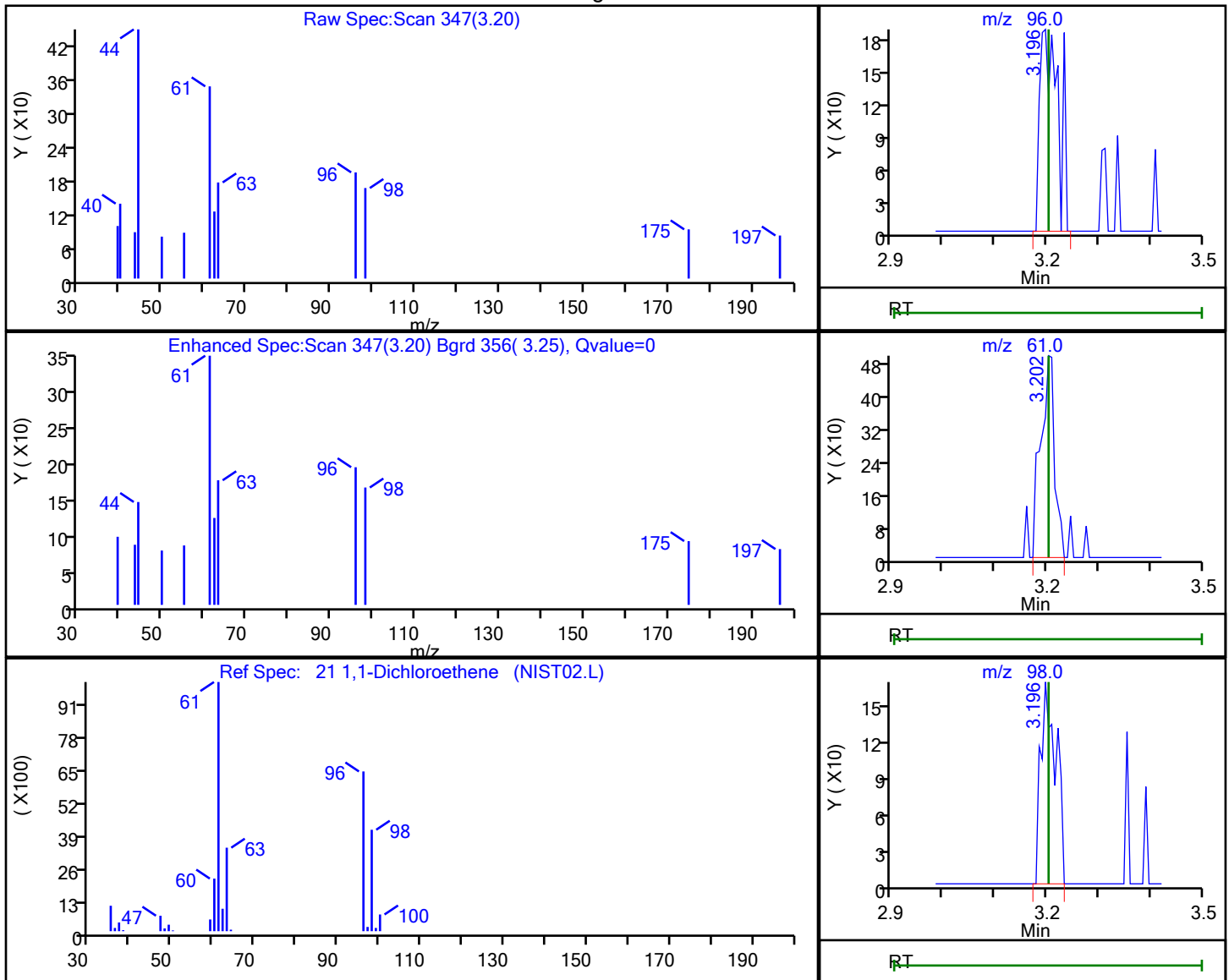
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
3.20	96.00	474	0.154181
3.20	61.00	927	
3.20	98.00	335	
3.20	63.00	264	

Reviewer: xuyvo, 27-Feb-2022 20:54:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

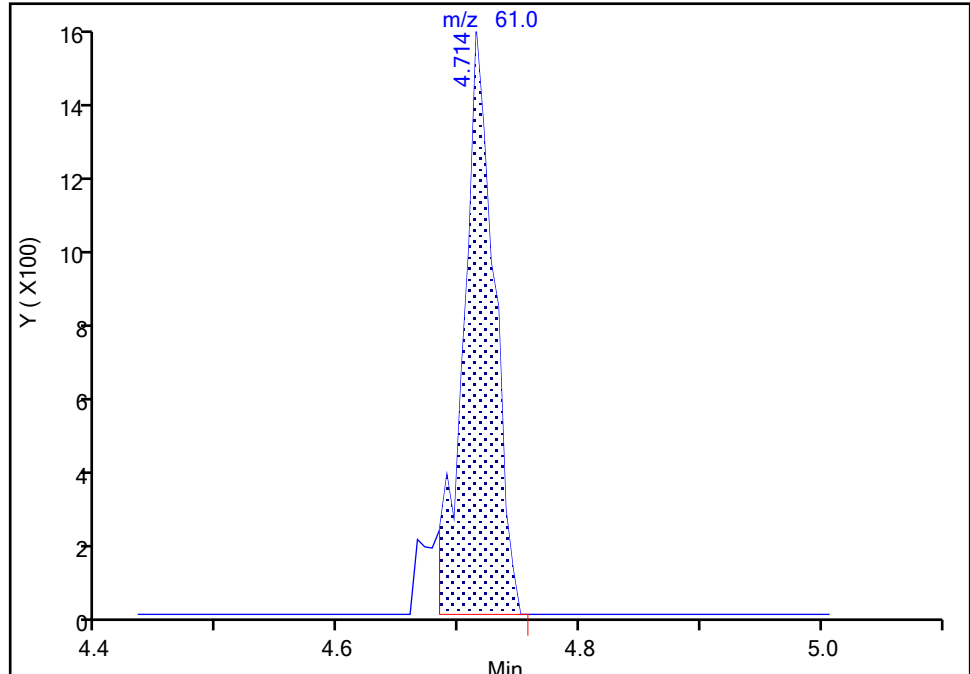
Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D		
Injection Date:	26-Feb-2022 10:33:30	Instrument ID:	CVOAMS1
Lims ID:	460-252877-A-2	Lab Sample ID:	460-252877-2
Client ID:	FSMW14C-021722		
Operator ID:	VOA GC/MS1	ALS Bottle#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	13

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

Signal: 2

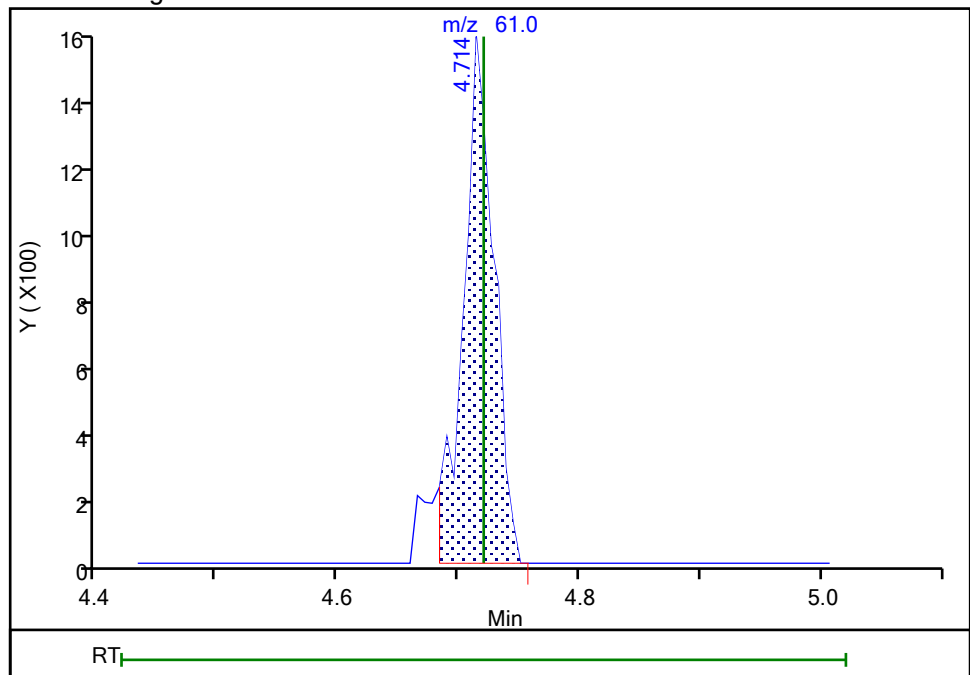
RT: 4.71
Area: 2649
Amount: 0.580769
Amount Units: ug/l

Processing Integration Results



RT: 4.71
Area: 2649
Amount: 0.580769
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 27-Feb-2022 15:59:53
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID
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03/21/2022

Eurofins Edison

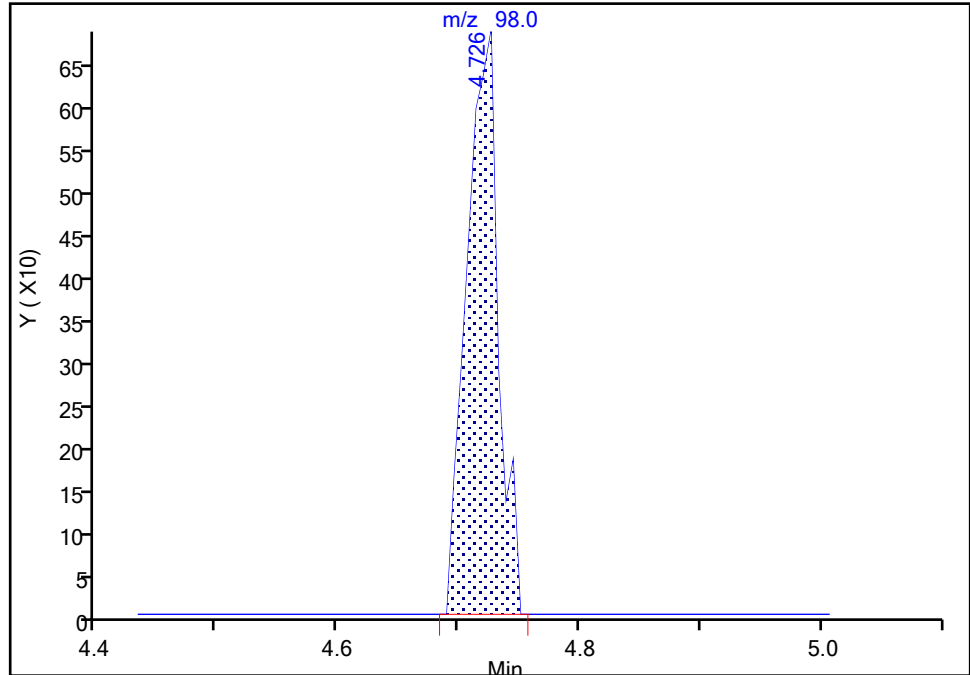
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D
Injection Date: 26-Feb-2022 10:33:30 Instrument ID: CVOAMS1
Lims ID: 460-252877-A-2 Lab Sample ID: 460-252877-2
Client ID: FSMW14C-021722
Operator ID: VOA GC/MS1 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 3

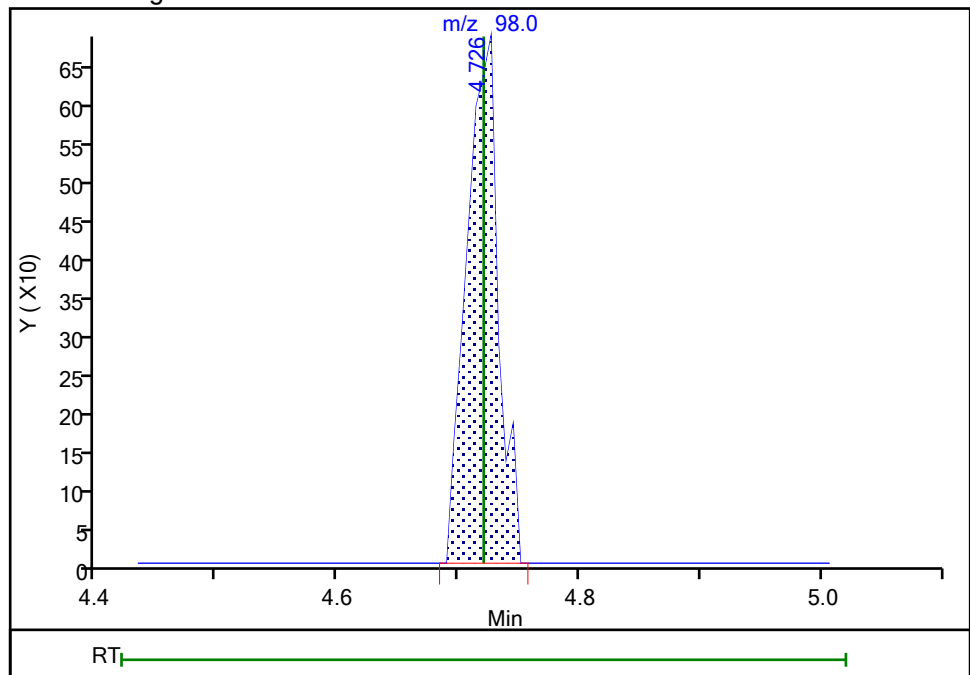
RT: 4.73
Area: 1246
Amount: 0.580769
Amount Units: ug/l

Processing Integration Results



RT: 4.73
Area: 1246
Amount: 0.580769
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 27-Feb-2022 15:59:53
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID
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03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15600.D

Injection Date: 26-Feb-2022 10:33:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-2

Lab Sample ID: 460-252877-2

Client ID: FSMW14C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

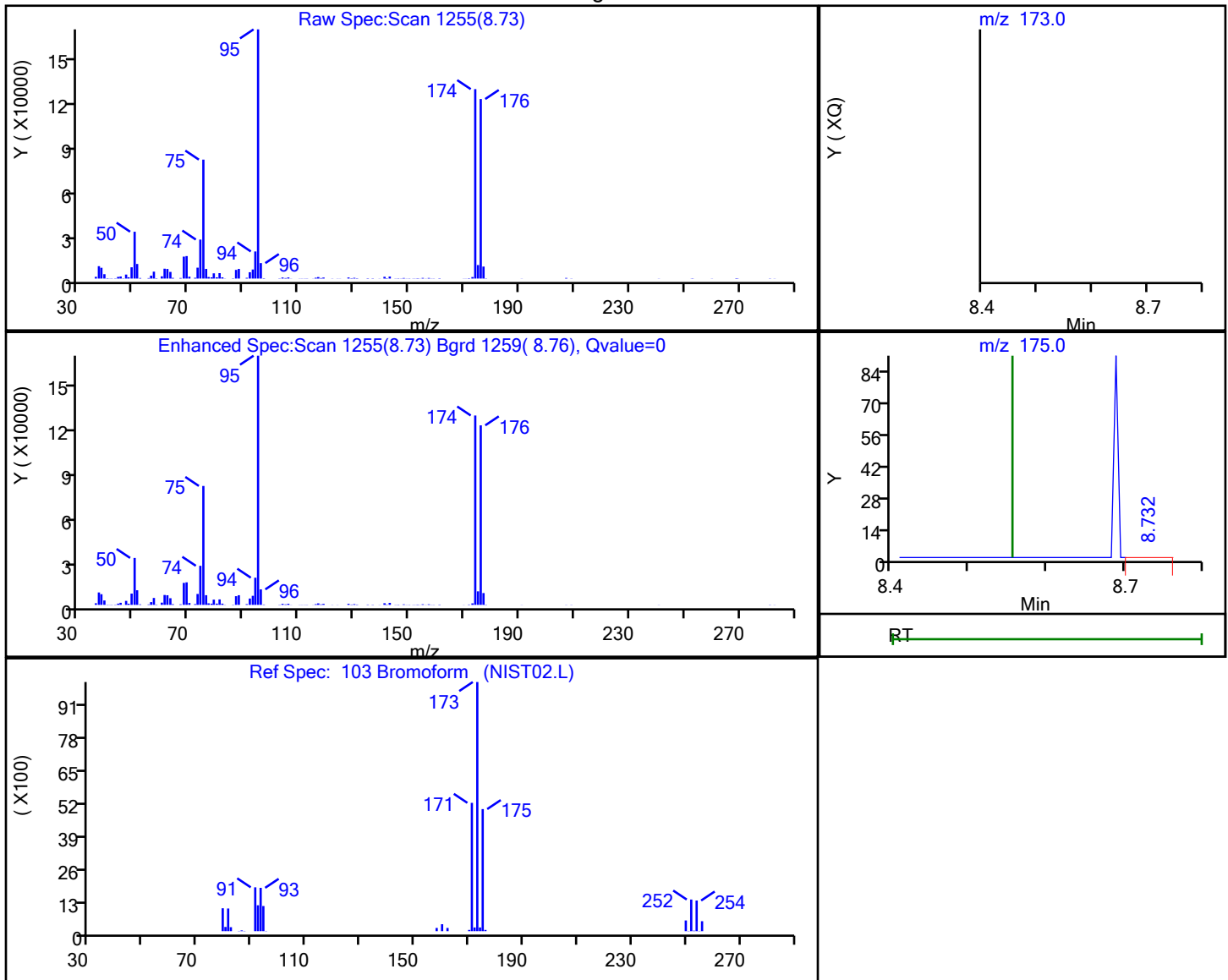
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.73	173.00	1288	1.858233
8.73	175.00	10117	

Reviewer: parekhv, 27-Feb-2022 16:00:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14A-021722</u>	Lab Sample ID: <u>460-252877-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15507.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 10:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/24/2022 03:44</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>829917</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	1.0		1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	2.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	45		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: FSMW14A-021722 Lab Sample ID: 460-252877-3
Matrix: Water Lab File ID: A15507.D
Analysis Method: 8260D Date Collected: 02/17/2022 10:40
Sample wt/vol: 5 (mL) Date Analyzed: 02/24/2022 03:44
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.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		75-123
2037-26-5	Toluene-d8 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15507.D
 Lims ID: 460-252877-B-3
 Client ID: FSMW14A-021722
 Sample Type: Client
 Inject. Date: 24-Feb-2022 03:44:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-3
 Misc. Info.: 460-0141811-025
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 09:41:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.684	3.678	0.006	10	256095	1000.0	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	76	329051	250.0	
44 cis-1,2-Dichloroethene	96	4.726	4.726	0.000	35	3140	1.01	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.086	0.006	97	139643	52.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.373	0.006	1	175353	56.4	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	467272	50.0	
68 Trichloroethene	95	5.879	5.879	0.000	85	6528	2.41	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	1	26794	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	98	499278	53.8	
88 Tetrachloroethene	166	7.421	7.421	0.000	93	124053	45.2	
* 94 Chlorobenzene-d5	117	8.031	8.024	0.007	85	336800	50.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	92	165615	53.2	
* 121 1,4-Dichlorobenzene-d4	152	9.390	9.390	0.000	96	201237	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15507.D

Injection Date: 24-Feb-2022 03:44:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-B-3

Lab Sample ID: 460-252877-3

Worklist Smp#: 25

Client ID: FSMW14A-021722

Purge Vol: 5.000 mL

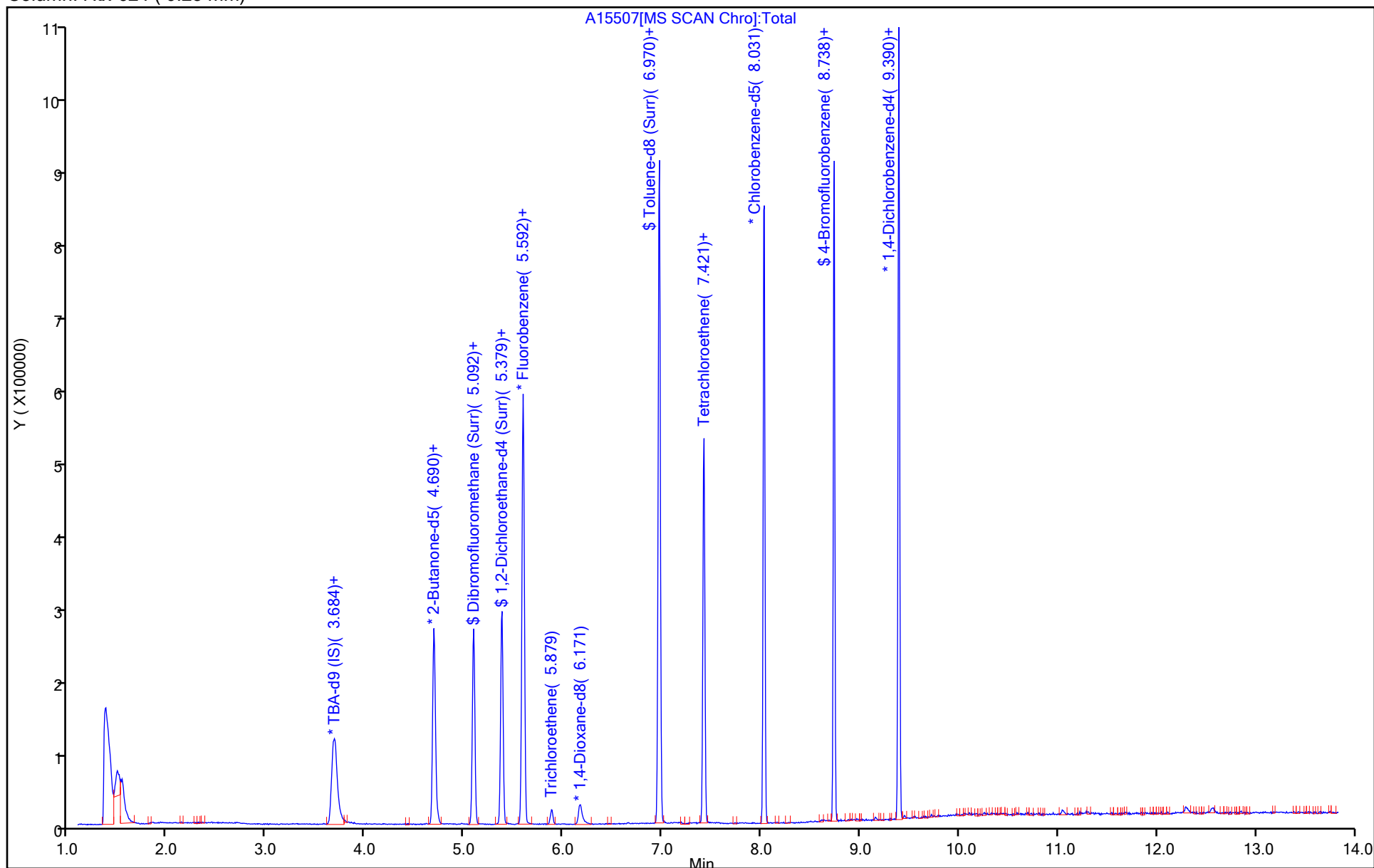
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15507.D
 Lims ID: 460-252877-B-3
 Client ID: FSMW14A-021722
 Sample Type: Client
 Inject. Date: 24-Feb-2022 03:44:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-3
 Misc. Info.: 460-0141811-025
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 09:41:29

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.9	105.89
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.4	112.76
\$ 83 Toluene-d8 (Surr)	50.0	53.8	107.54
\$ 105 4-Bromofluorobenzene	50.0	53.2	106.42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15507.D

Injection Date: 24-Feb-2022 03:44:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-3

Lab Sample ID: 460-252877-3

Client ID: FSMW14A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

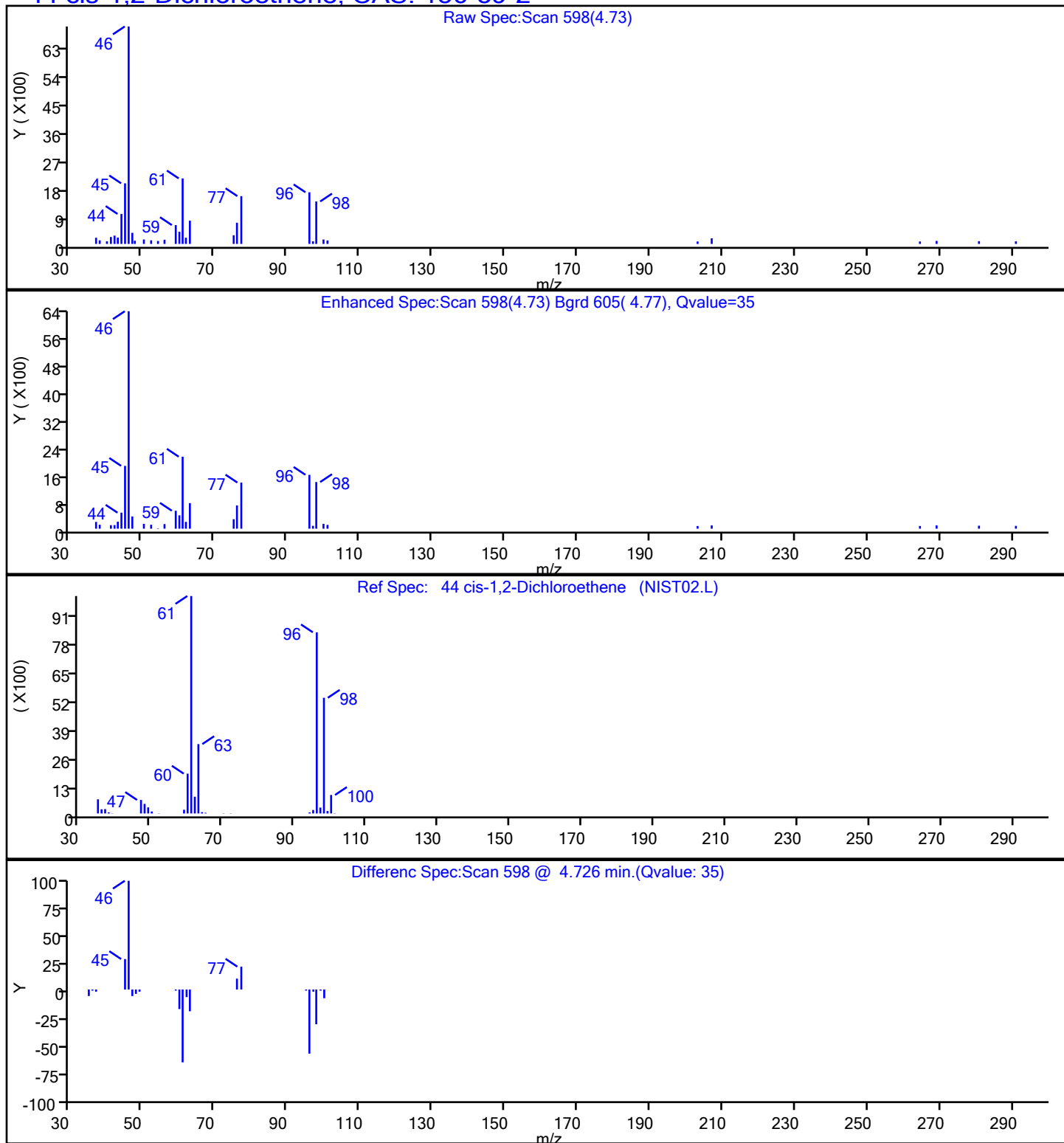
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15507.D

Injection Date: 24-Feb-2022 03:44:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-3

Lab Sample ID: 460-252877-3

Client ID: FSMW14A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

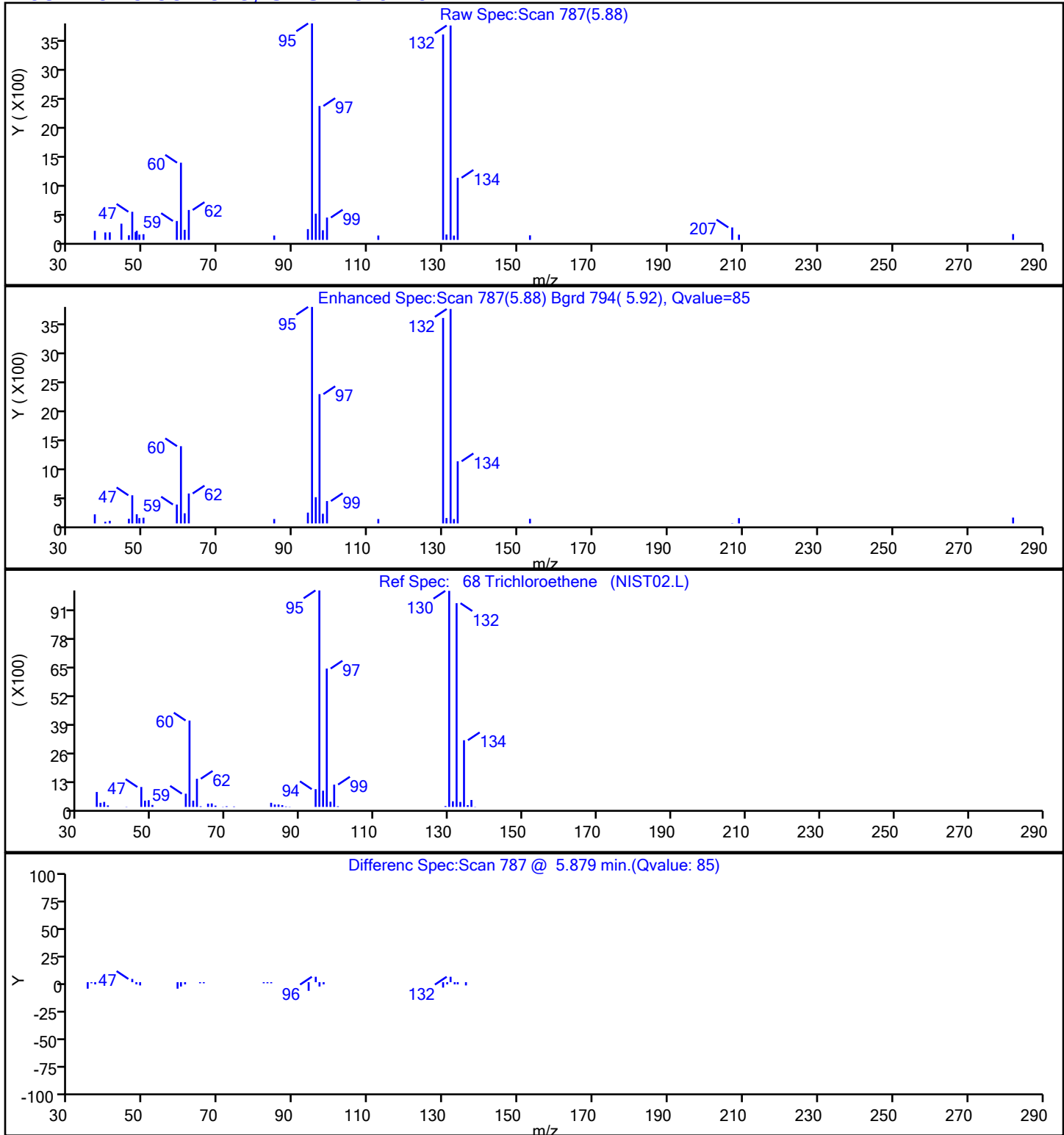
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15507.D

Injection Date: 24-Feb-2022 03:44:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-3

Lab Sample ID: 460-252877-3

Client ID: FSMW14A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

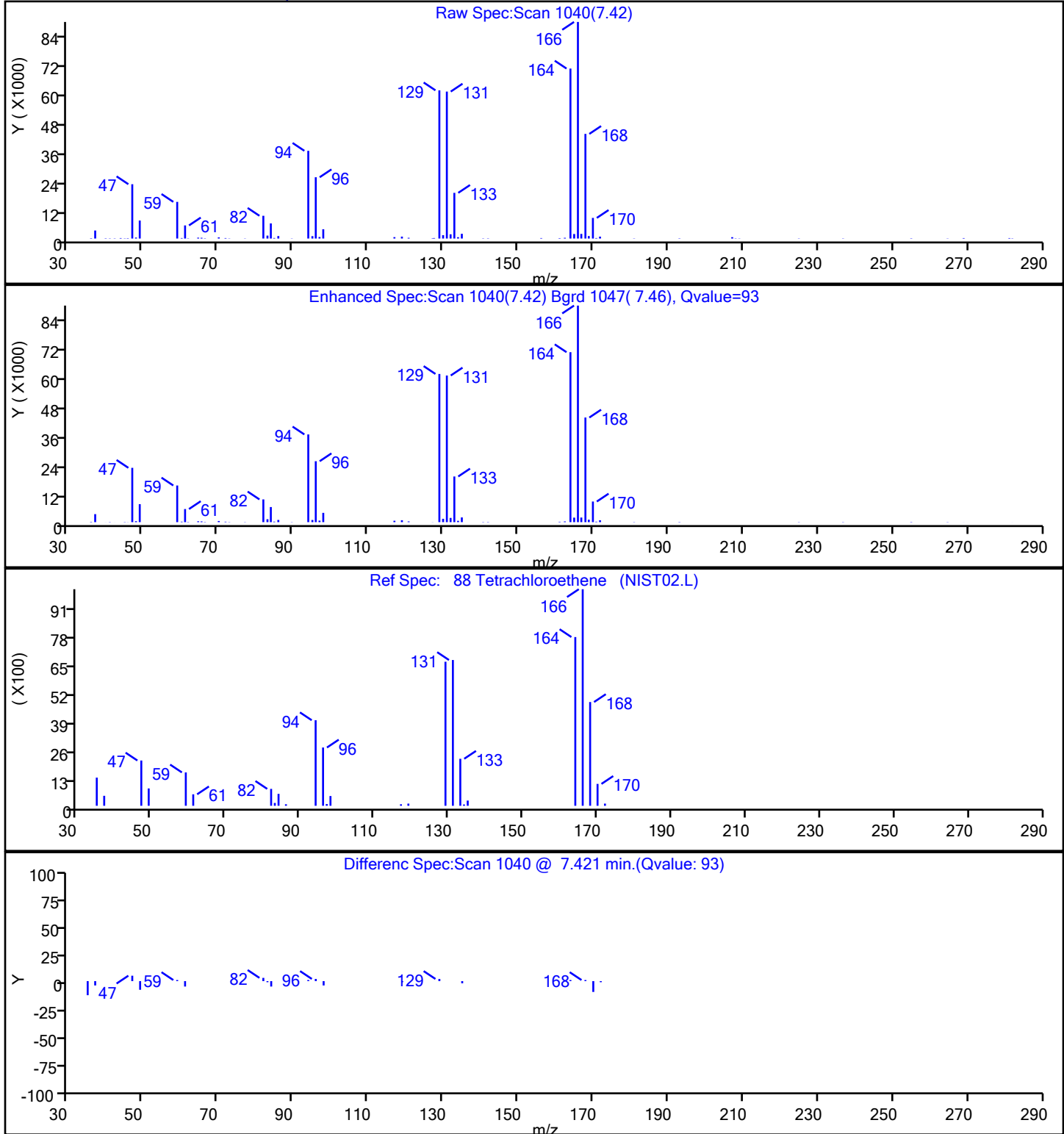
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15507.D

Injection Date: 24-Feb-2022 03:44:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-3

Lab Sample ID: 460-252877-3

Client ID: FSMW14A-021722

Operator ID: VOA GC/MS1

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

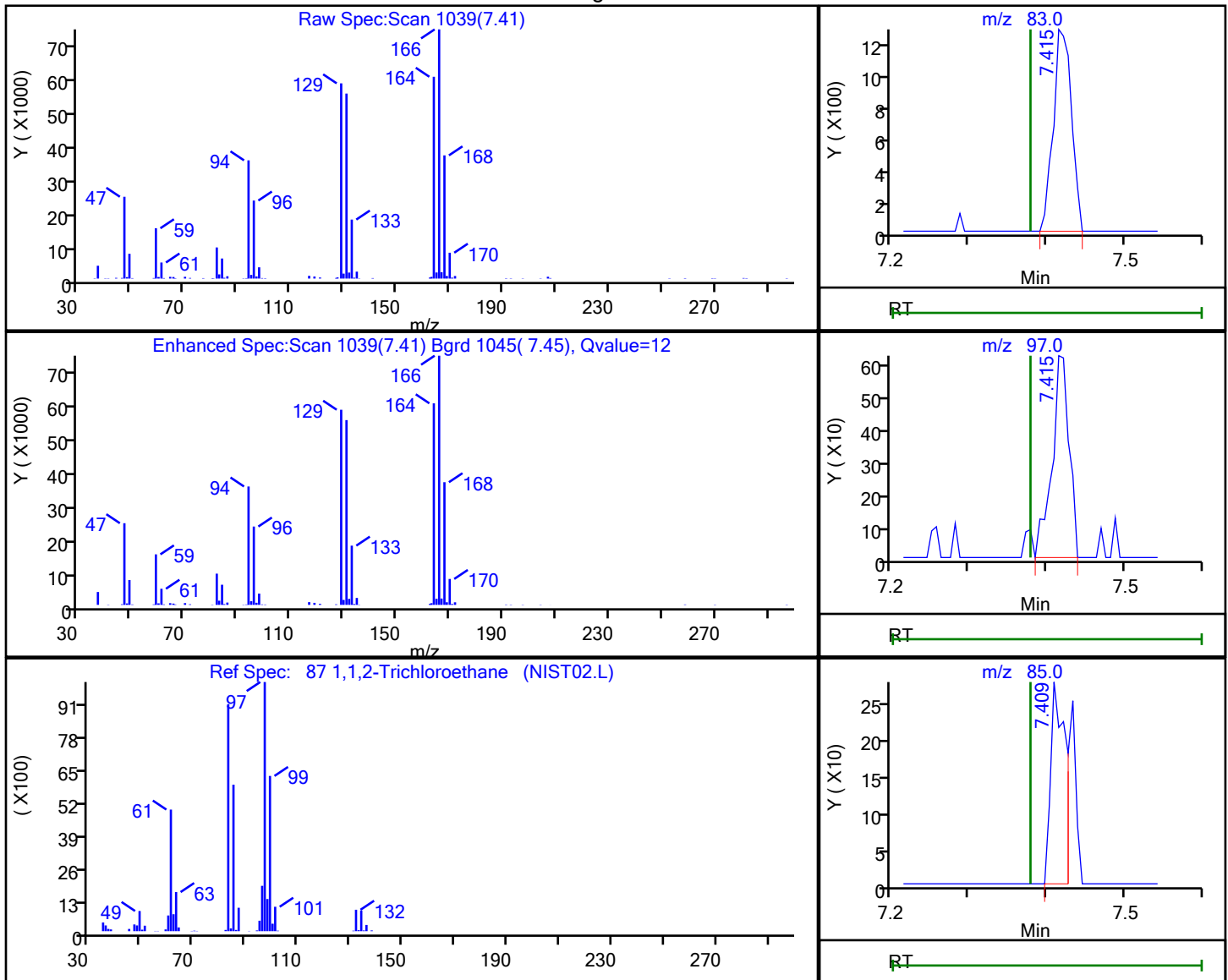
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.41	83.00	2043	1.149125
7.41	97.00	966	
7.41	85.00	370	

Reviewer: desais, 24-Feb-2022 09:41:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15507.D

Injection Date: 24-Feb-2022 03:44:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-3

Lab Sample ID: 460-252877-3

Client ID: FSMW14A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

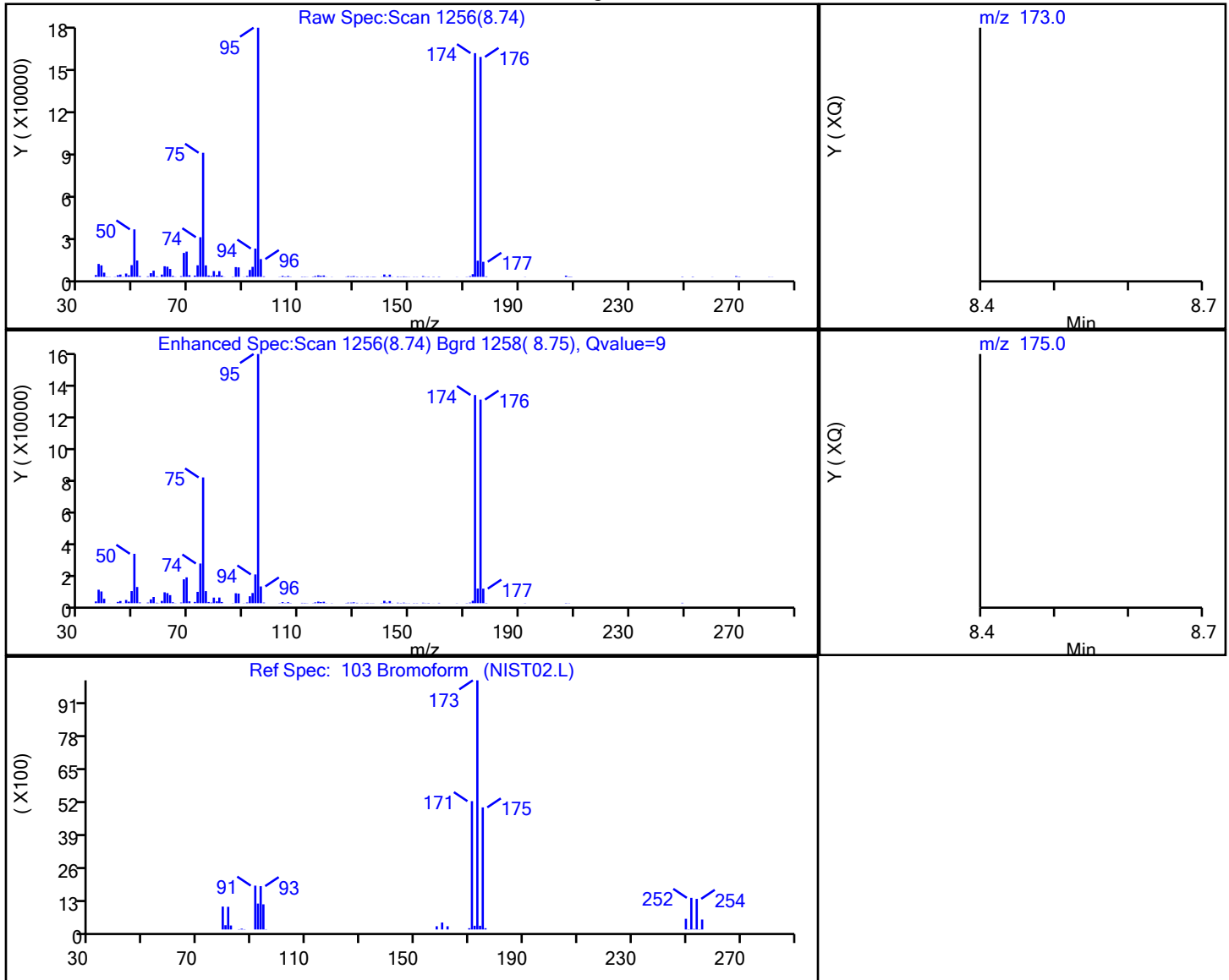
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.74	173.00	1504	0.946660
8.74	175.00	12781	

Reviewer: xuyvo, 24-Feb-2022 11:43:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW13B-021722</u>	Lab Sample ID: <u>460-252877-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15508.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 13:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/24/2022 04:07</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>829917</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.55	J	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	1.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	16		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: FSMW13B-021722 Lab Sample ID: 460-252877-4
Matrix: Water Lab File ID: A15508.D
Analysis Method: 8260D Date Collected: 02/17/2022 13:45
Sample wt/vol: 5 (mL) Date Analyzed: 02/24/2022 04:07
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.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		75-123
2037-26-5	Toluene-d8 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15508.D
 Lims ID: 460-252877-B-4
 Client ID: FSMW13B-021722
 Sample Type: Client
 Inject. Date: 24-Feb-2022 04:07:30 ALS Bottle#: 25 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-4
 Misc. Info.: 460-0141811-028
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 09:41:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.684	3.678	0.006	5	255179	1000.0	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	75	317310	250.0	
44 cis-1,2-Dichloroethene	96	4.726	4.726	0.000	29	1654	0.5515	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.086	0.006	96	134297	52.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.373	0.006	0	171698	57.1	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	451760	50.0	
68 Trichloroethene	95	5.879	5.879	-0.001	69	2939	1.12	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	1	27042	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	98	484796	54.1	
88 Tetrachloroethene	166	7.421	7.421	0.000	92	41248	15.6	
* 94 Chlorobenzene-d5	117	8.031	8.024	0.007	85	325059	50.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	94	160305	53.4	
* 121 1,4-Dichlorobenzene-d4	152	9.390	9.390	0.000	96	194606	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15508.D

Injection Date: 24-Feb-2022 04:07:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-B-4

Lab Sample ID: 460-252877-4

Worklist Smp#: 28

Client ID: FSMW13B-021722

Purge Vol: 5.000 mL

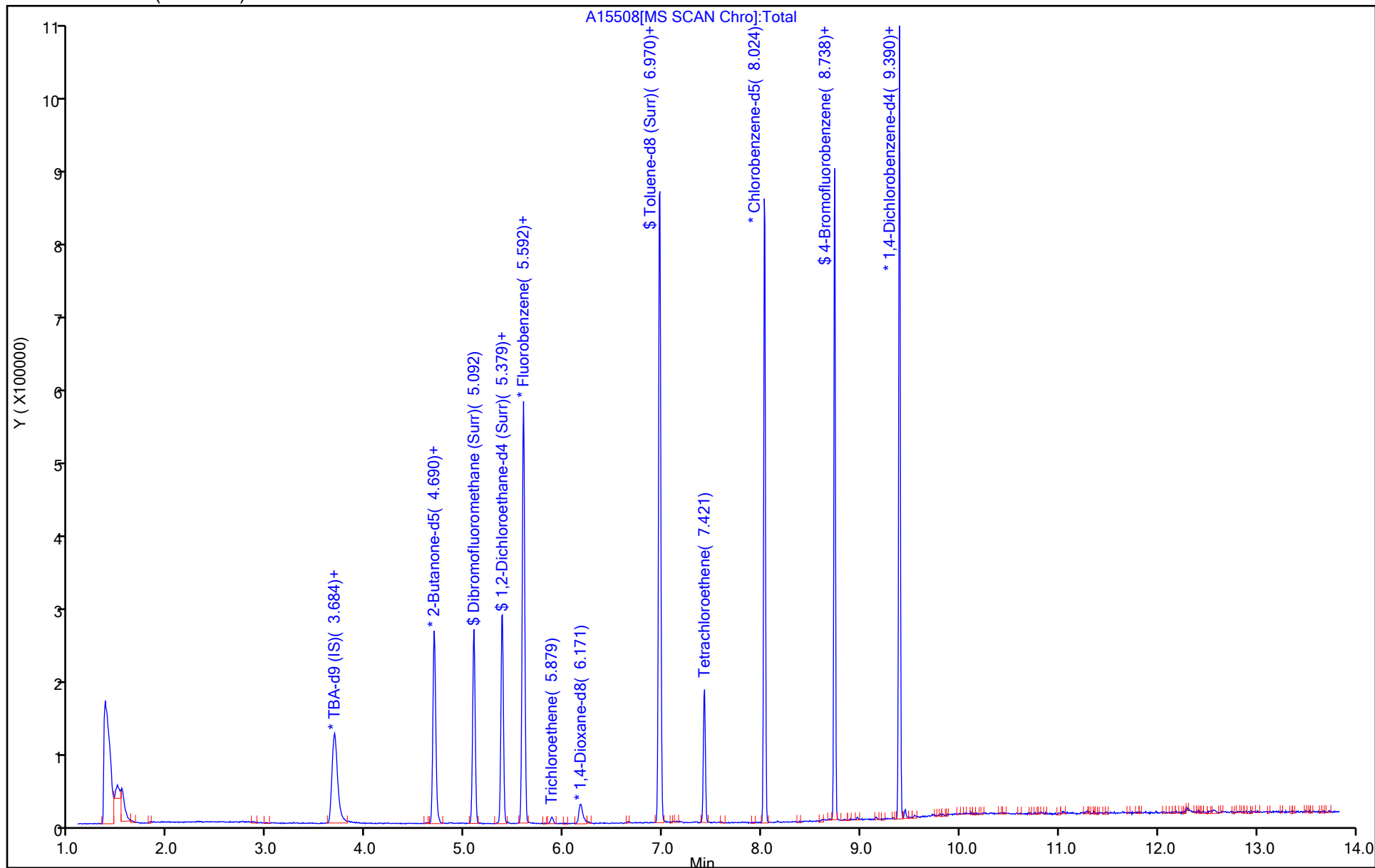
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15508.D
 Lims ID: 460-252877-B-4
 Client ID: FSMW13B-021722
 Sample Type: Client
 Inject. Date: 24-Feb-2022 04:07:30 ALS Bottle#: 25 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-4
 Misc. Info.: 460-0141811-028
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 09:41:43

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.7	105.33
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.1	114.20
\$ 83 Toluene-d8 (Surr)	50.0	54.1	108.20
\$ 105 4-Bromofluorobenzene	50.0	53.4	106.73

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15508.D

Injection Date: 24-Feb-2022 04:07:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-4

Lab Sample ID: 460-252877-4

Client ID: FSMW13B-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 25 Worklist Smp#: 28

Purge Vol: 5.000 mL

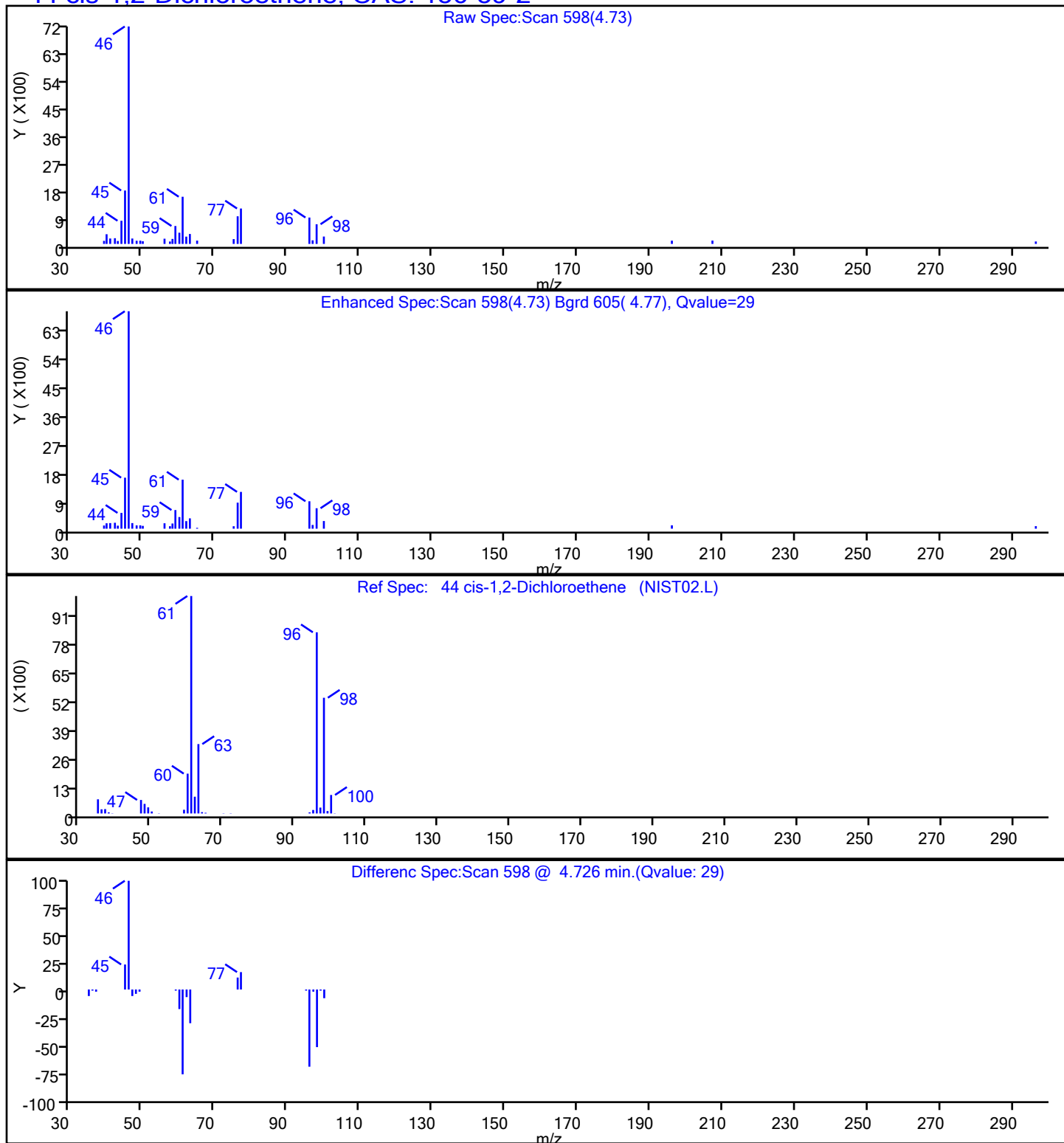
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15508.D

Injection Date: 24-Feb-2022 04:07:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-4

Lab Sample ID: 460-252877-4

Client ID: FSMW13B-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 25 Worklist Smp#: 28

Purge Vol: 5.000 mL

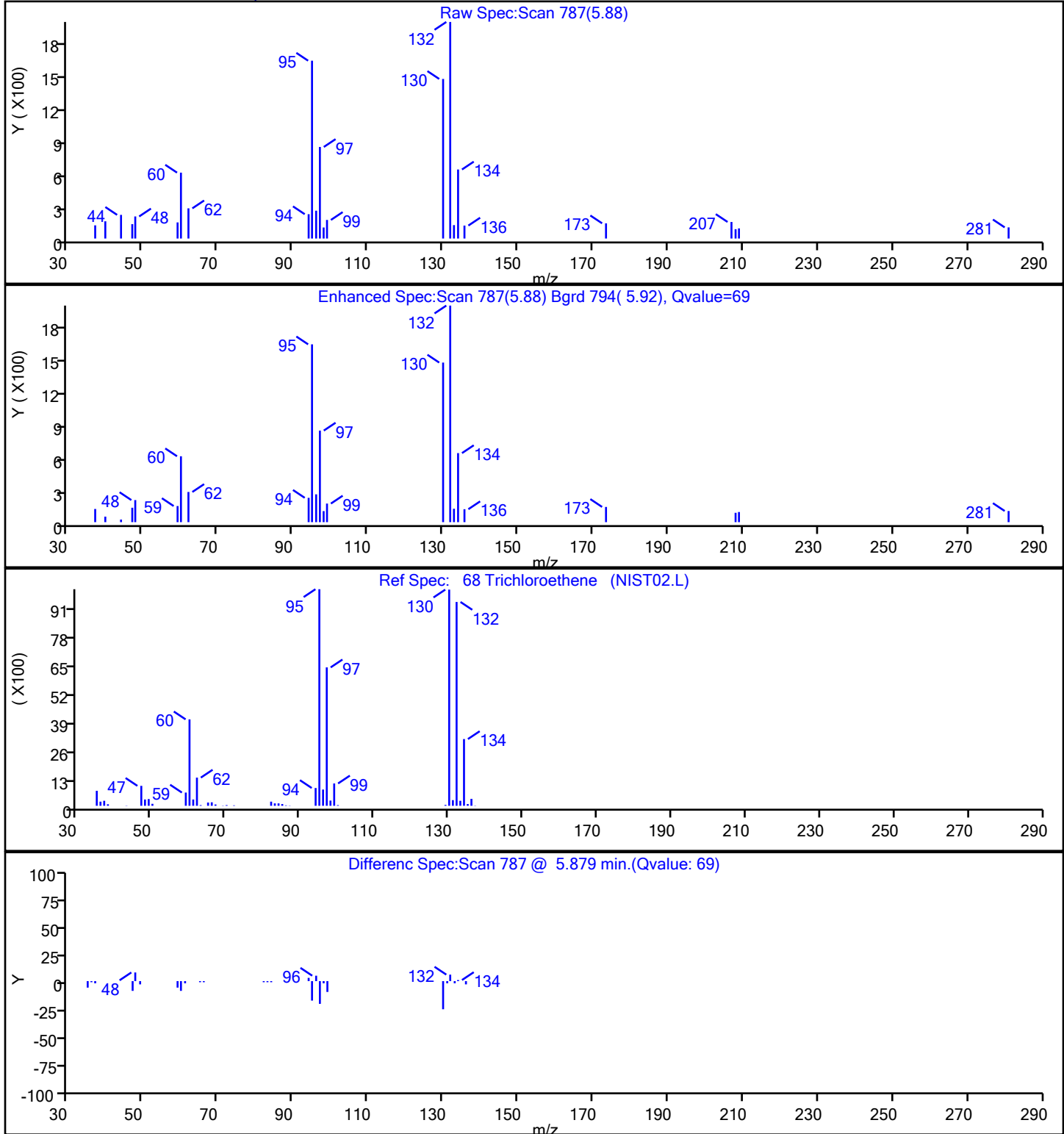
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15508.D

Injection Date: 24-Feb-2022 04:07:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-4

Lab Sample ID: 460-252877-4

Client ID: FSMW13B-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 25 Worklist Smp#: 28

Purge Vol: 5.000 mL

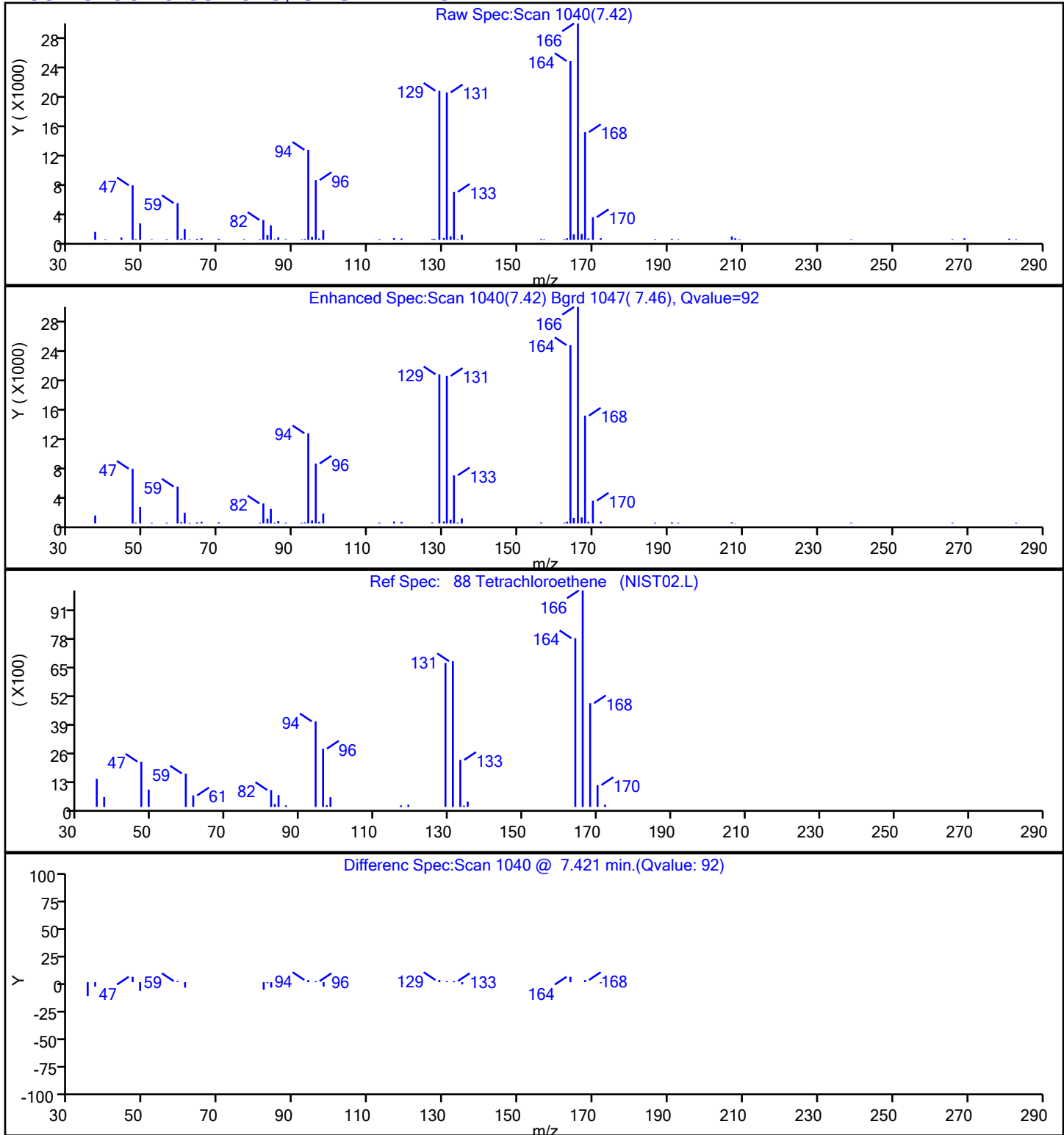
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15508.D

Injection Date: 24-Feb-2022 04:07:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-4

Lab Sample ID: 460-252877-4

Client ID: FSMW13B-021722

Operator ID: VOA GC/MS1

ALS Bottle#:

25

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

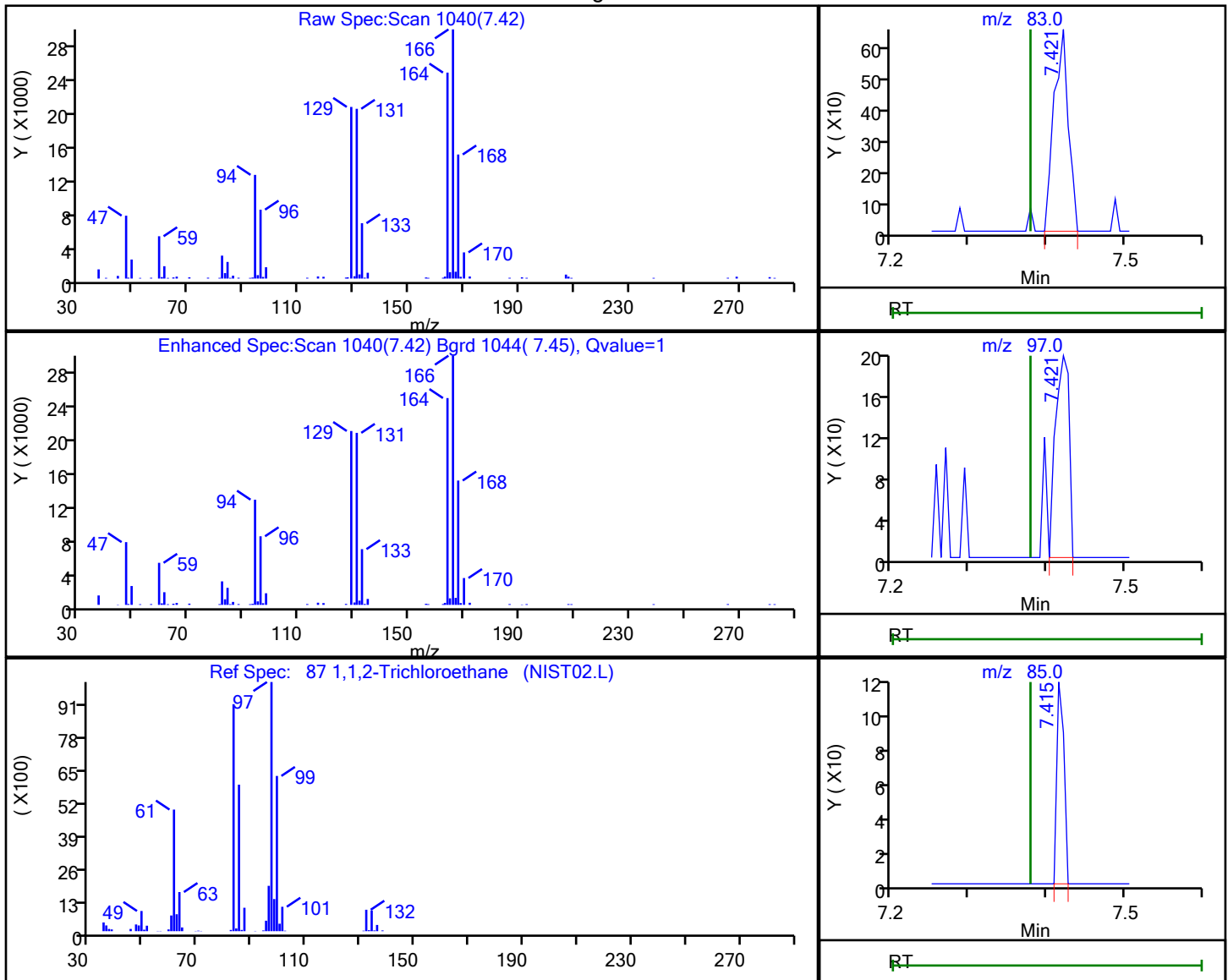
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.42	83.00	847	0.493619
7.42	97.00	236	
7.41	85.00	72	

Reviewer: desais, 24-Feb-2022 09:41:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15508.D

Injection Date: 24-Feb-2022 04:07:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-4

Lab Sample ID: 460-252877-4

Client ID: FSMW13B-021722

Operator ID: VOA GC/MS1

ALS Bottle#:

25

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

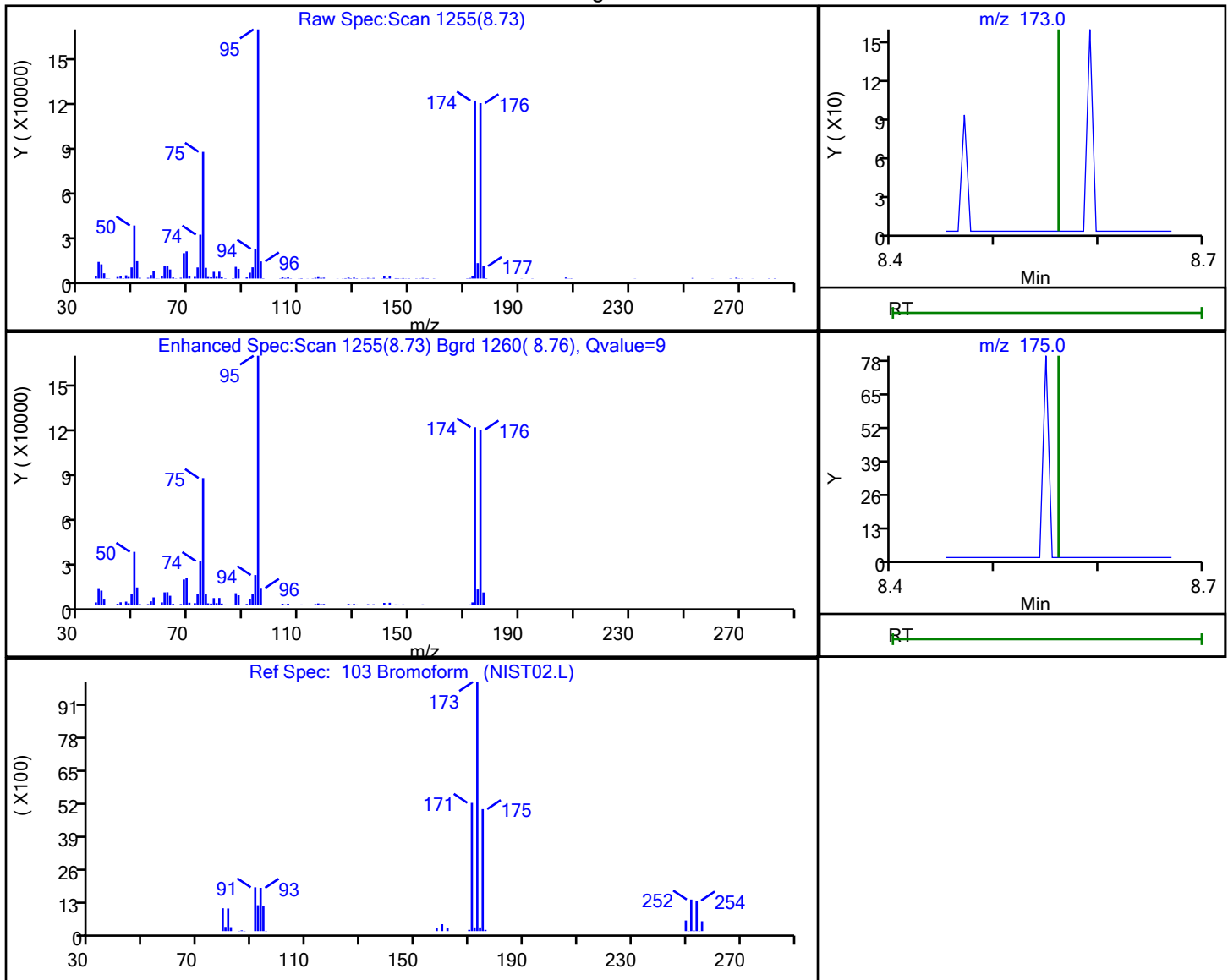
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.73	173.00	1575	1.027157
8.74	175.00	12326	

Reviewer: desais, 24-Feb-2022 09:41:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW13C-021722</u>	Lab Sample ID: <u>460-252877-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15601.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 14:15</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/26/2022 10:56</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>830484</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	3.4		1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	5.9		1.0	0.26
75-34-3	1,1-Dichloroethane	0.80	J	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	4.1		1.0	0.22
67-66-3	Chloroform	3.2		1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	1.2		1.0	0.24
56-23-5	Carbon tetrachloride	0.56	J	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	20		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	6.8		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: FSMW13C-021722 Lab Sample ID: 460-252877-5
Matrix: Water Lab File ID: A15601.D
Analysis Method: 8260D Date Collected: 02/17/2022 14:15
Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 10:56
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.: 830484 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D
 Lims ID: 460-252877-A-5
 Client ID: FSMW13C-021722
 Sample Type: Client
 Inject. Date: 26-Feb-2022 10:56:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-A-5
 Misc. Info.: 460-0141938-014
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:54:41 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: parekhv

Date: 27-Feb-2022 16:00:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	2.019	2.020	-0.001	0	19318	3.39	
21 1,1-Dichloroethene	96	3.202	3.202	0.000	0	18794	5.89	
* 30 TBA-d9 (IS)	65	3.672	3.672	0.000	0	254370	1000.0	
38 1,1-Dichloroethane	63	4.257	4.257	0.000	0	5503	0.8048	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	0	333849	250.0	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	0	15115	4.11	
52 Chloroform	83	4.952	4.952	0.000	0	17940	3.25	
54 1,1,1-Trichloroethane	97	5.080	5.080	0.000	0	4587	1.17	
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.080	0.006	0	138926	55.3	
56 Carbon tetrachloride	117	5.177	5.177	0.000	0	1296	0.5623	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	0	186103	49.2	
* 66 Fluorobenzene	96	5.586	5.586	0.000	0	486869	50.0	
68 Trichloroethene	95	5.872	5.866	0.006	0	63301	19.7	
* 73 1,4-Dioxane-d8	96	6.159	6.153	0.006	0	28231	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	0	541645	50.0	
88 Tetrachloroethene	166	7.415	7.415	0.000	0	17289	6.84	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	0	326348	50.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	0	140443	51.7	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	0	177139	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00224

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Worklist Smp#: 14

Client ID: FSMW13C-021722

Purge Vol: 5.000 mL

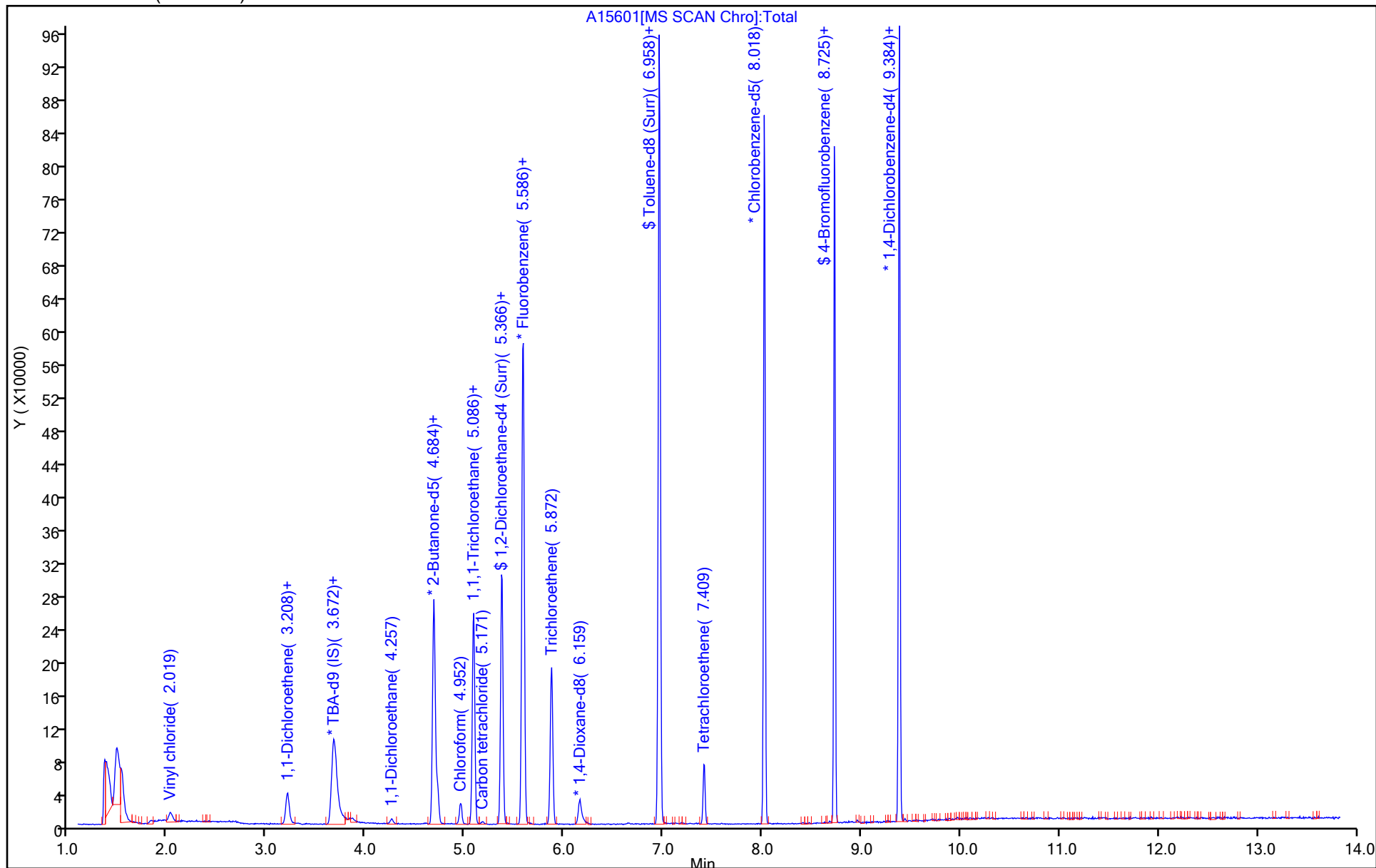
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D
 Lims ID: 460-252877-A-5
 Client ID: FSMW13C-021722
 Sample Type: Client
 Inject. Date: 26-Feb-2022 10:56:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-A-5
 Misc. Info.: 460-0141938-014
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:54:41 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: parekhv

Date: 27-Feb-2022 16:00:42

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	55.3	110.66
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.2	98.47
\$ 83 Toluene-d8 (Surr)	50.0	50.0	99.99
\$ 105 4-Bromofluorobenzene	50.0	51.7	103.36

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

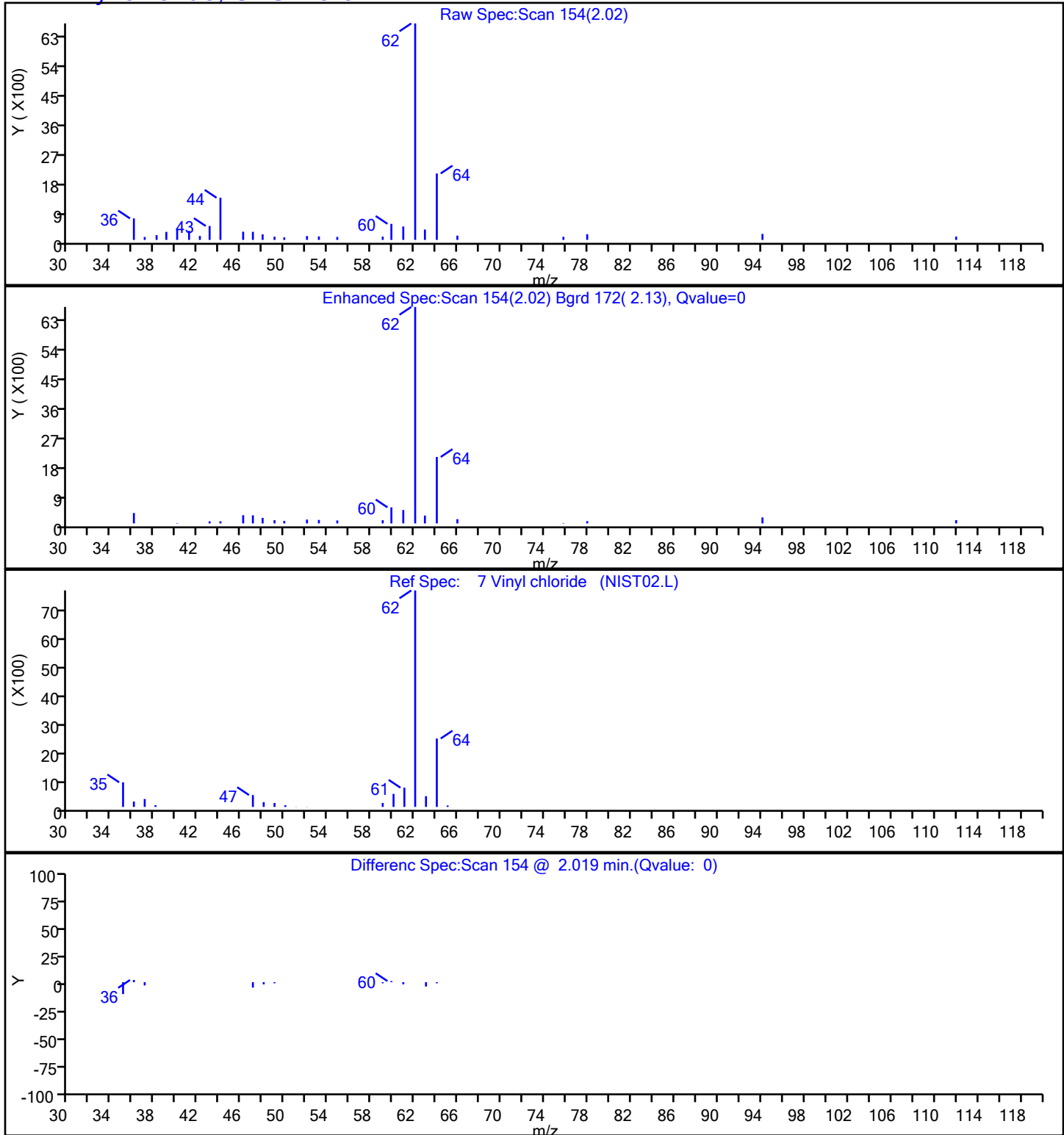
Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

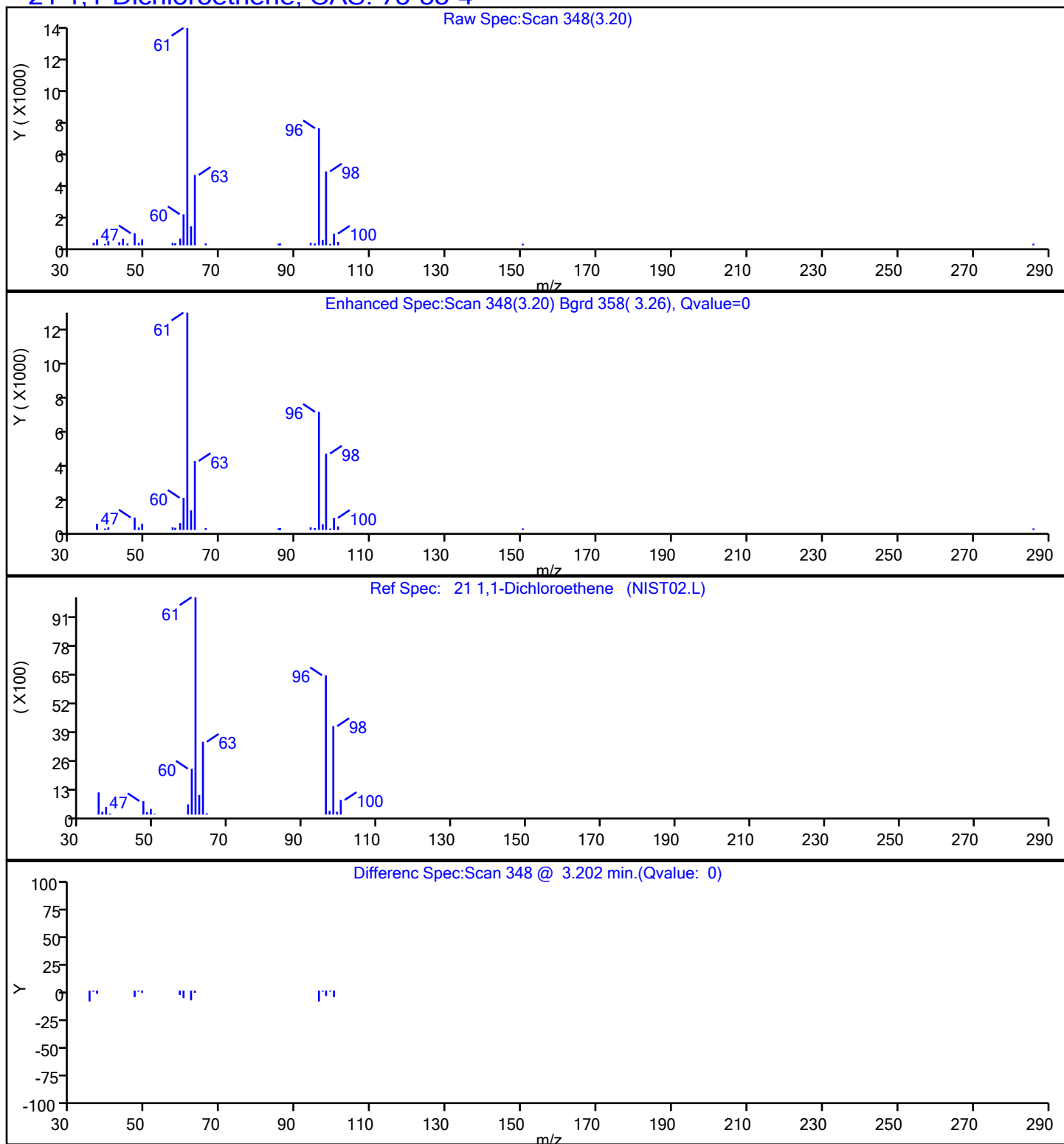
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

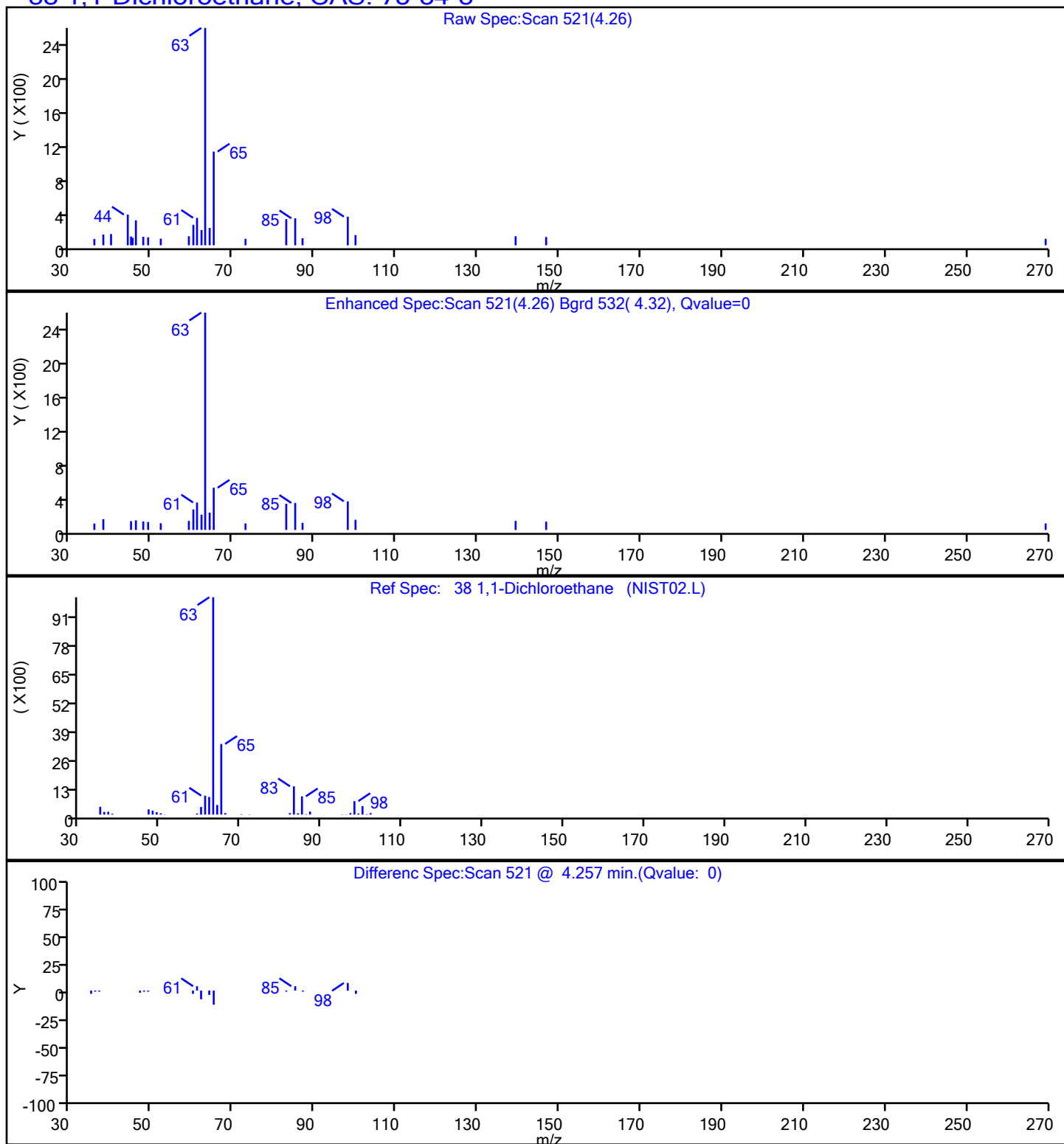
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

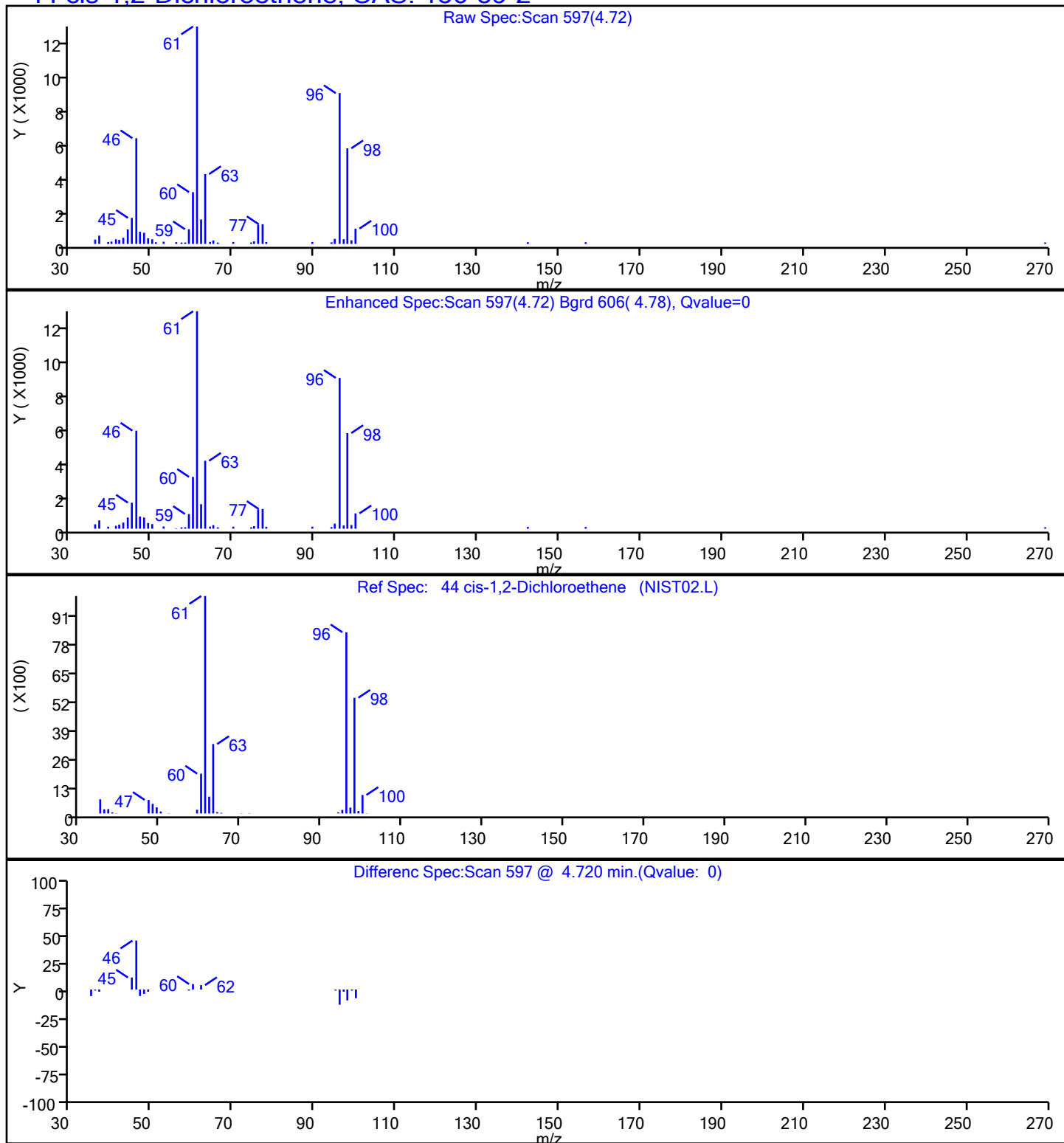
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

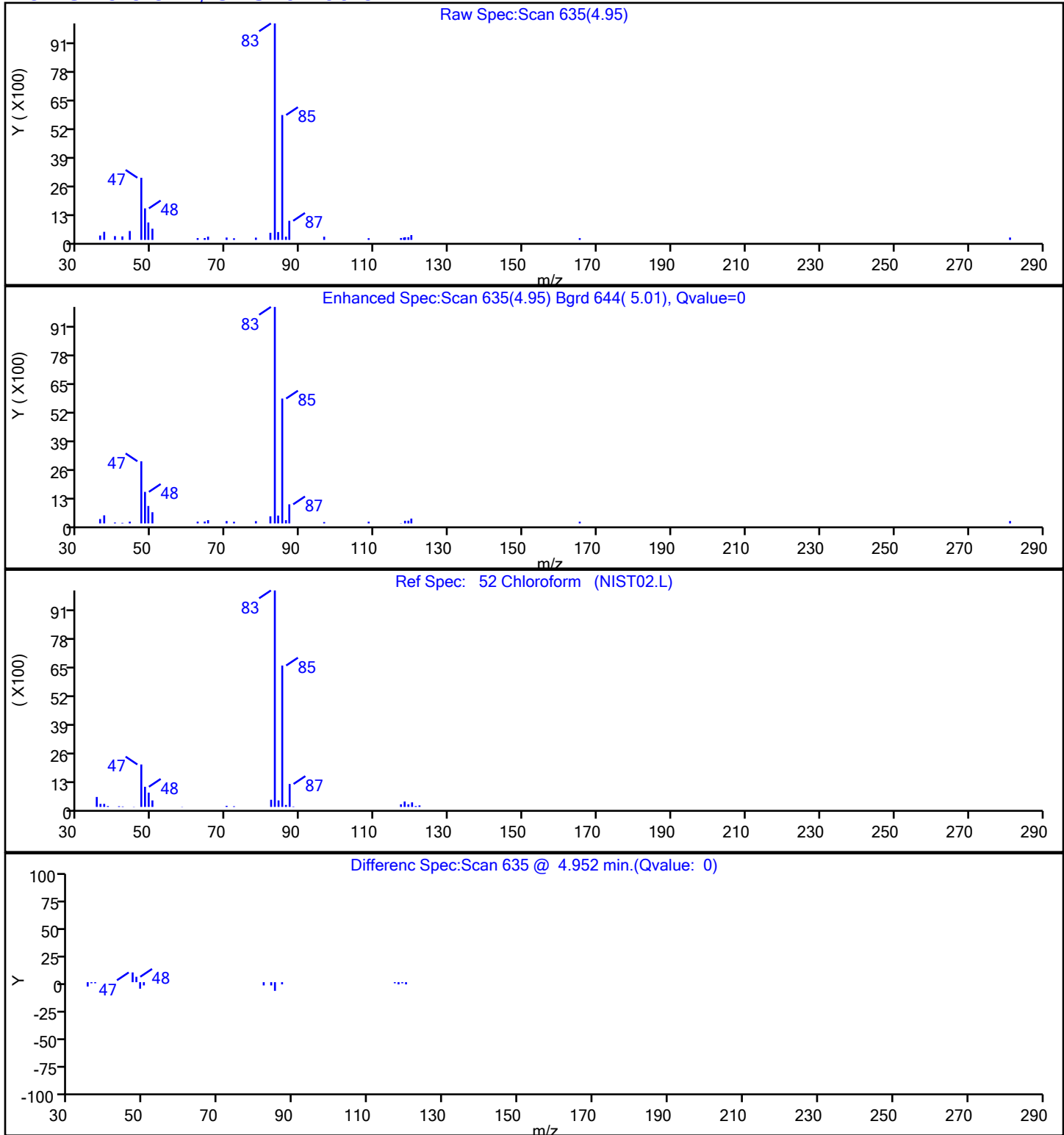
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 Chloroform, CAS: 67-66-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

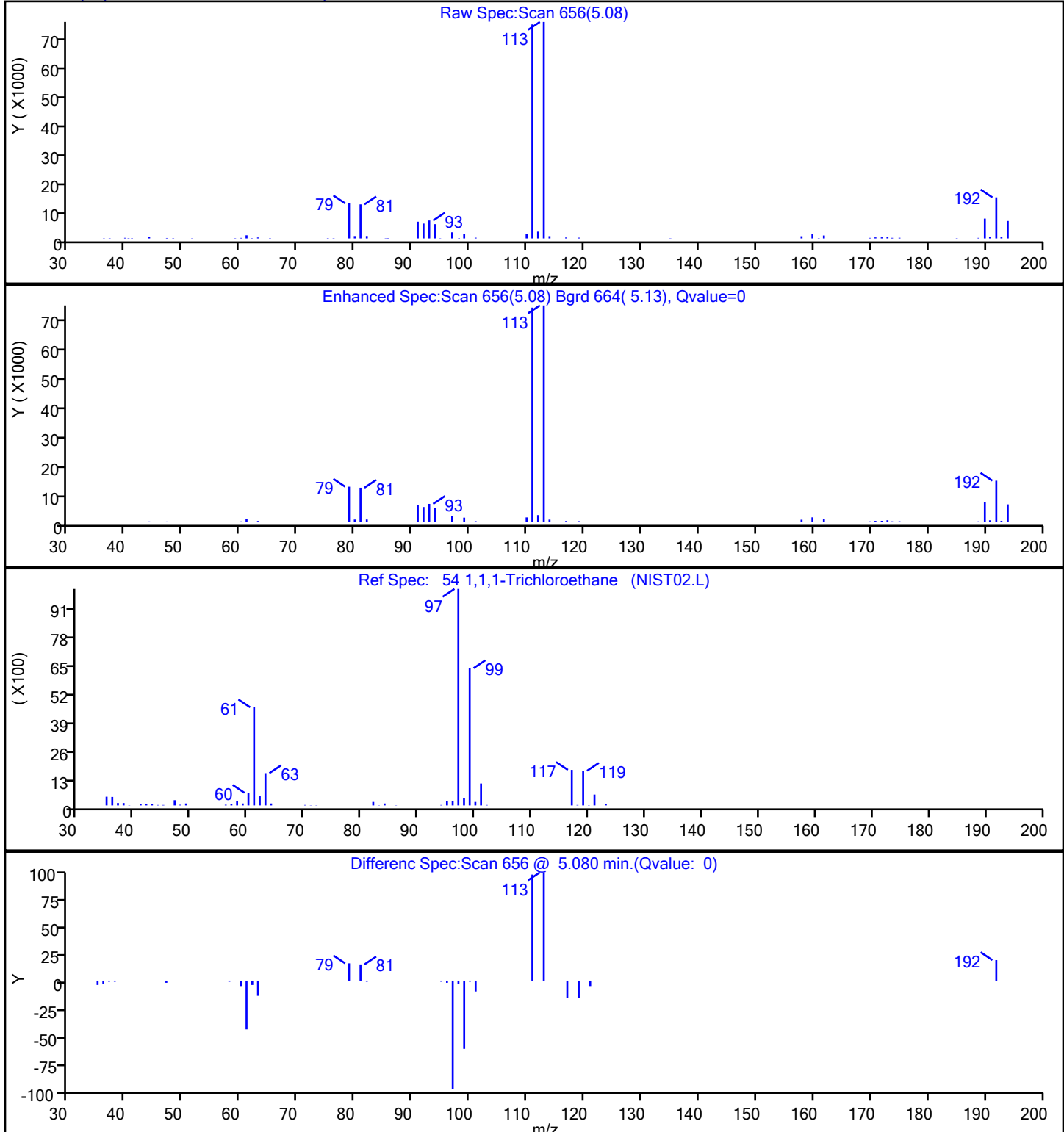
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

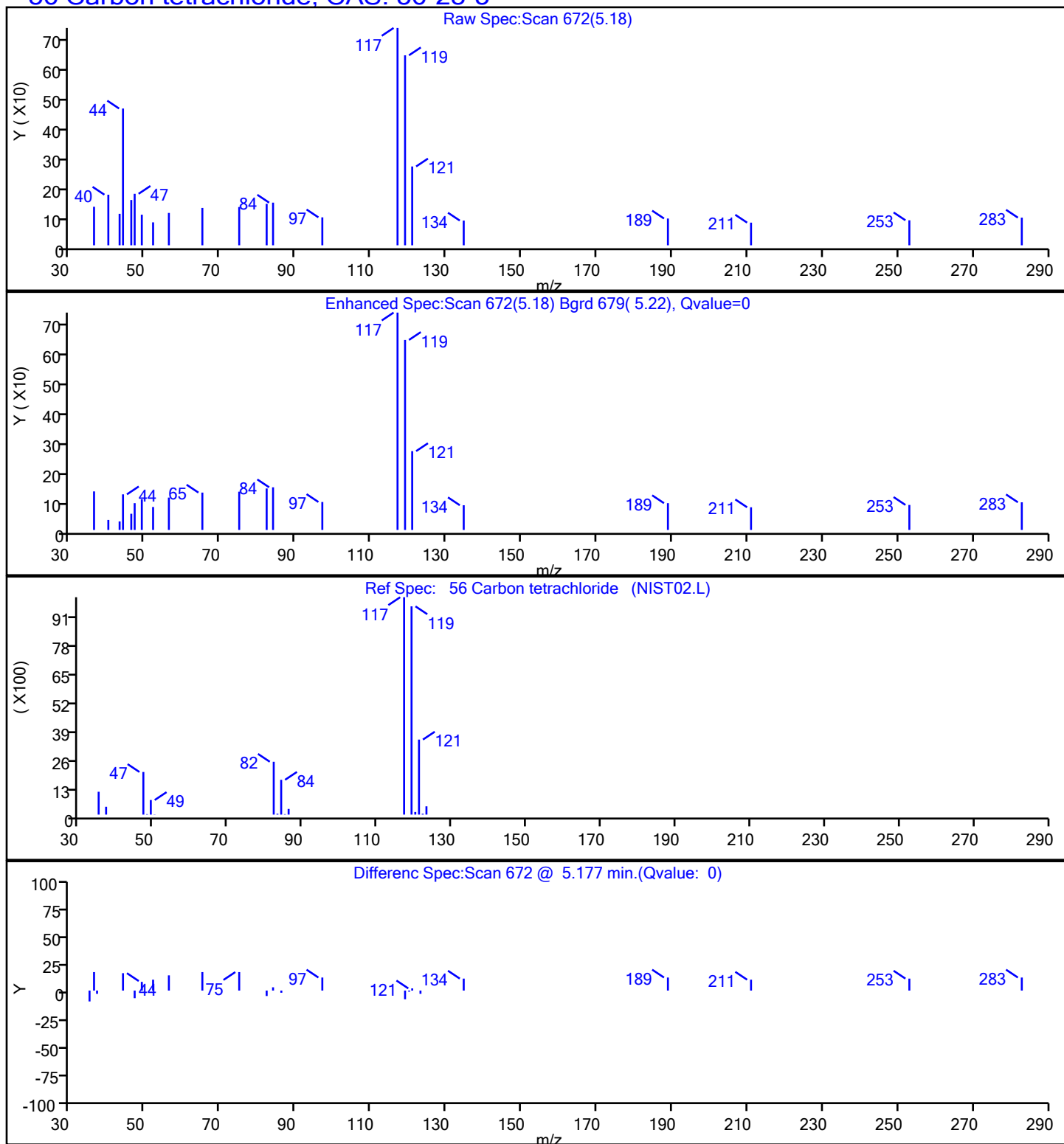
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

56 Carbon tetrachloride, CAS: 56-23-5

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

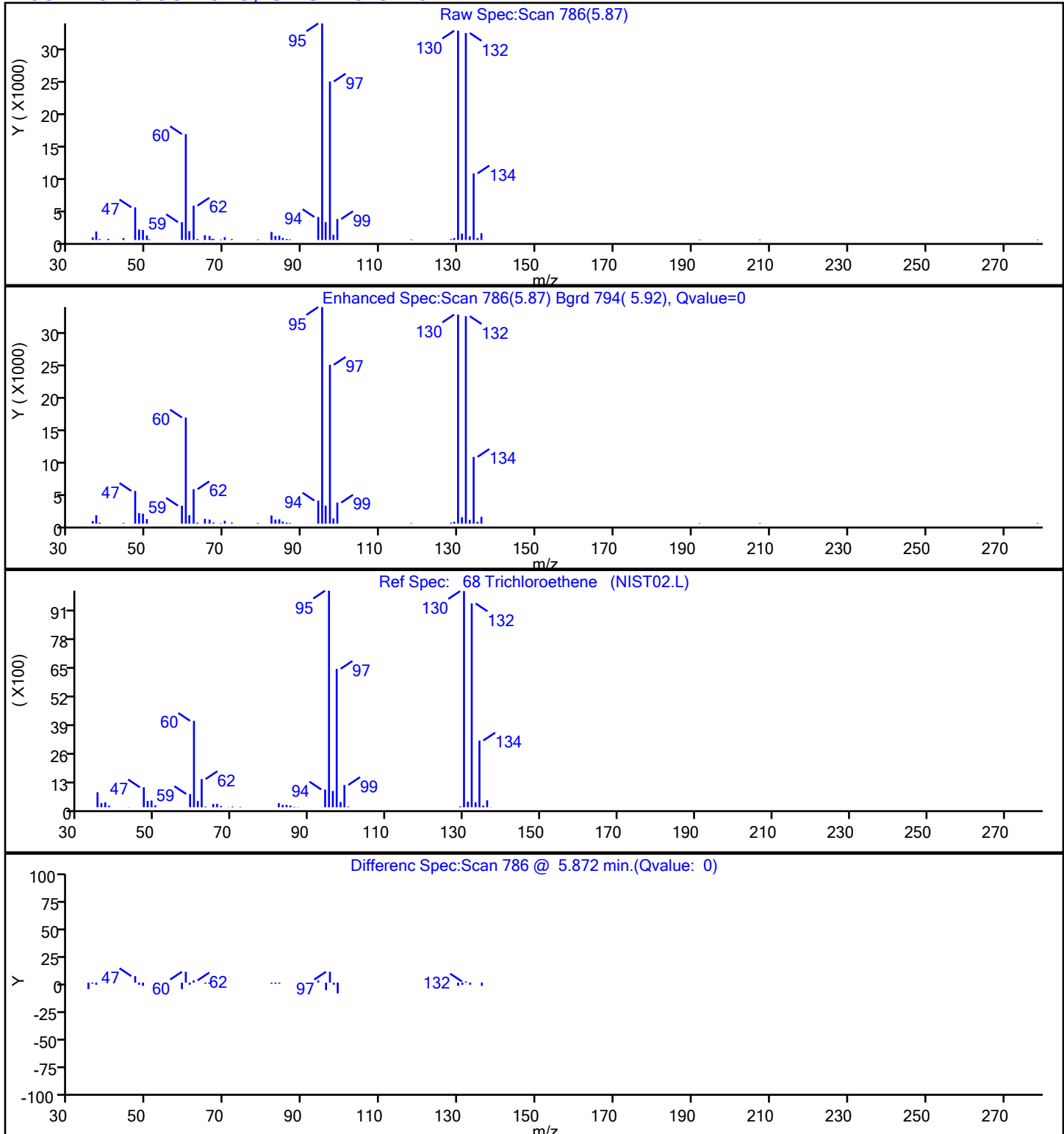
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

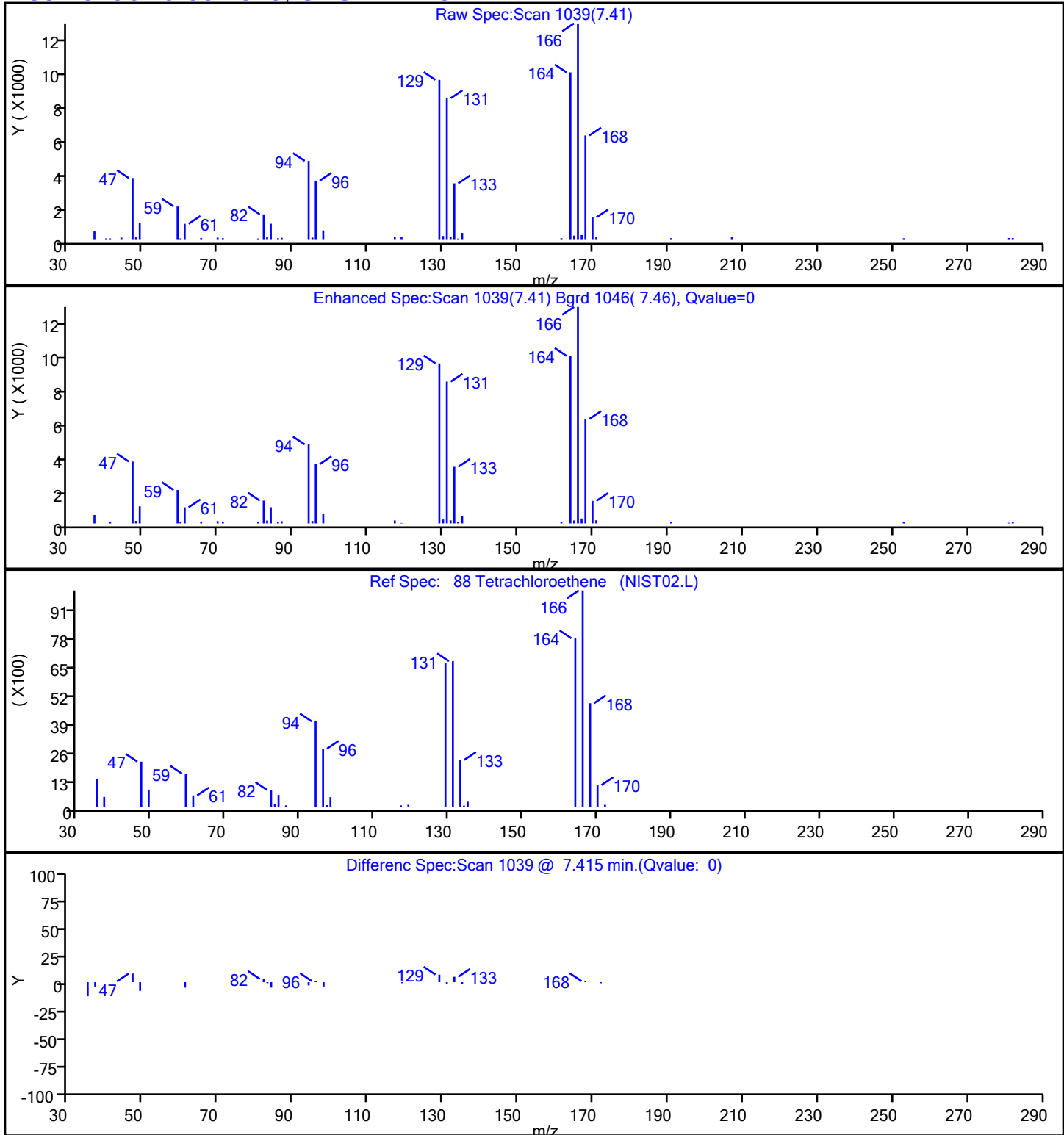
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15601.D

Injection Date: 26-Feb-2022 10:56:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-A-5

Lab Sample ID: 460-252877-5

Client ID: FSMW13C-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

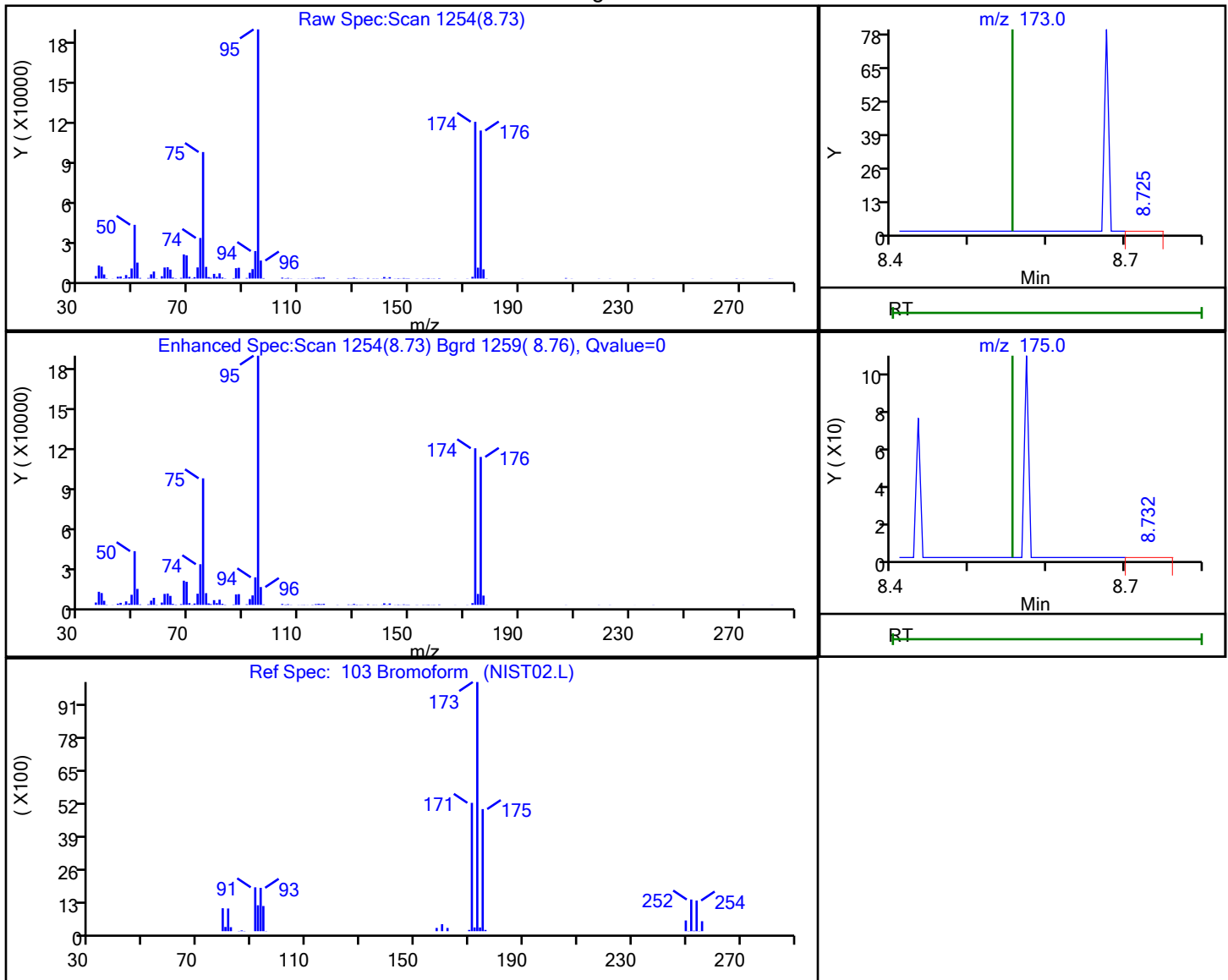
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.73	173.00	1058	1.490714
8.73	175.00	10224	

Reviewer: parekhv, 27-Feb-2022 16:00:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW13A-021722</u>	Lab Sample ID: <u>460-252877-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15510.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 15:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/24/2022 04:53</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>829917</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	2.4		1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	2.1		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	2.5		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	67		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: FSMW13A-021722 Lab Sample ID: 460-252877-6
Matrix: Water Lab File ID: A15510.D
Analysis Method: 8260D Date Collected: 02/17/2022 15:35
Sample wt/vol: 5 (mL) Date Analyzed: 02/24/2022 04:53
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		75-123
2037-26-5	Toluene-d8 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D
 Lims ID: 460-252877-B-6
 Client ID: FSMW13A-021722
 Sample Type: Client
 Inject. Date: 24-Feb-2022 04:53:30 ALS Bottle#: 27 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-6
 Misc. Info.: 460-0141811-030
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: xuyvo

Date: 24-Feb-2022 11:44:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.678	3.678	0.000	5	236478	1000.0	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	75	297519	250.0	
44 cis-1,2-Dichloroethene	96	4.726	4.726	0.000	88	6645	2.40	
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.086	0.000	96	123994	52.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.372	5.373	-0.001	1	163033	58.8	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	416385	50.0	
68 Trichloroethene	95	5.878	5.879	-0.001	83	6010	2.49	
71 1,2-Dichloropropane	63	6.134	6.135	-0.001	36	4668	2.10	
* 73 1,4-Dioxane-d8	96	6.159	6.165	-0.006	1	24414	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	98	448481	54.6	
88 Tetrachloroethene	166	7.421	7.421	0.000	93	162585	66.9	
* 94 Chlorobenzene-d5	117	8.030	8.024	0.006	85	297988	50.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	89	147155	53.4	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.390	0.006	95	181151	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00224

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D

Injection Date: 24-Feb-2022 04:53:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-B-6

Lab Sample ID: 460-252877-6

Worklist Smp#: 30

Client ID: FSMW13A-021722

Purge Vol: 5.000 mL

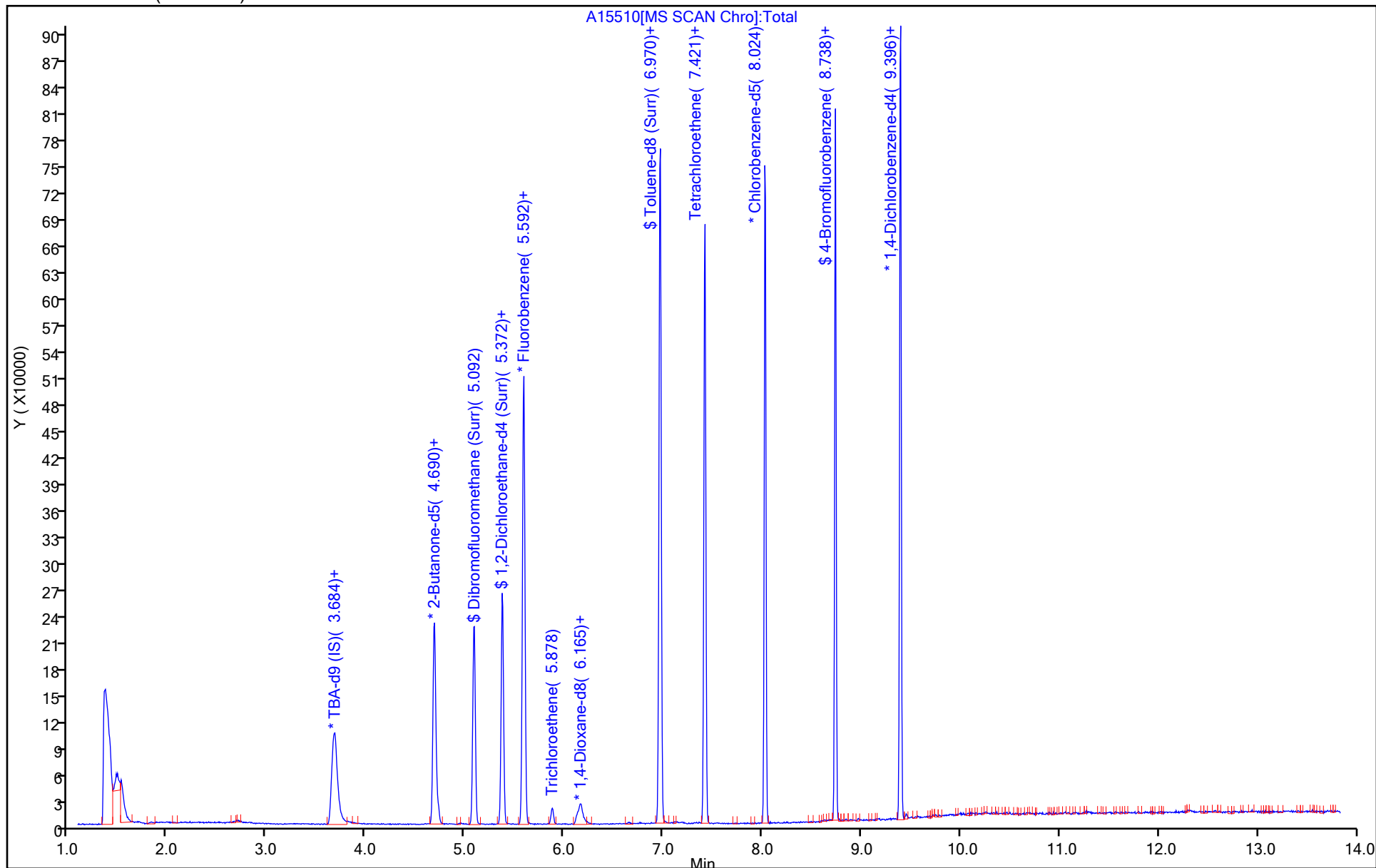
Dil. Factor: 1.0000

ALS Bottle#: 27

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D
Lims ID: 460-252877-B-6
Client ID: FSMW13A-021722
Sample Type: Client
Inject. Date: 24-Feb-2022 04:53:30 ALS Bottle#: 27 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-252877-B-6
Misc. Info.: 460-0141811-030
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: xuyvo

Date: 24-Feb-2022 11:44:40

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.8	105.51
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.8	117.65
\$ 83 Toluene-d8 (Surr)	50.0	54.6	109.18
\$ 105 4-Bromofluorobenzene	50.0	53.4	106.88

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D

Injection Date: 24-Feb-2022 04:53:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-6

Lab Sample ID: 460-252877-6

Client ID: FSMW13A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 27 Worklist Smp#: 30

Purge Vol: 5.000 mL

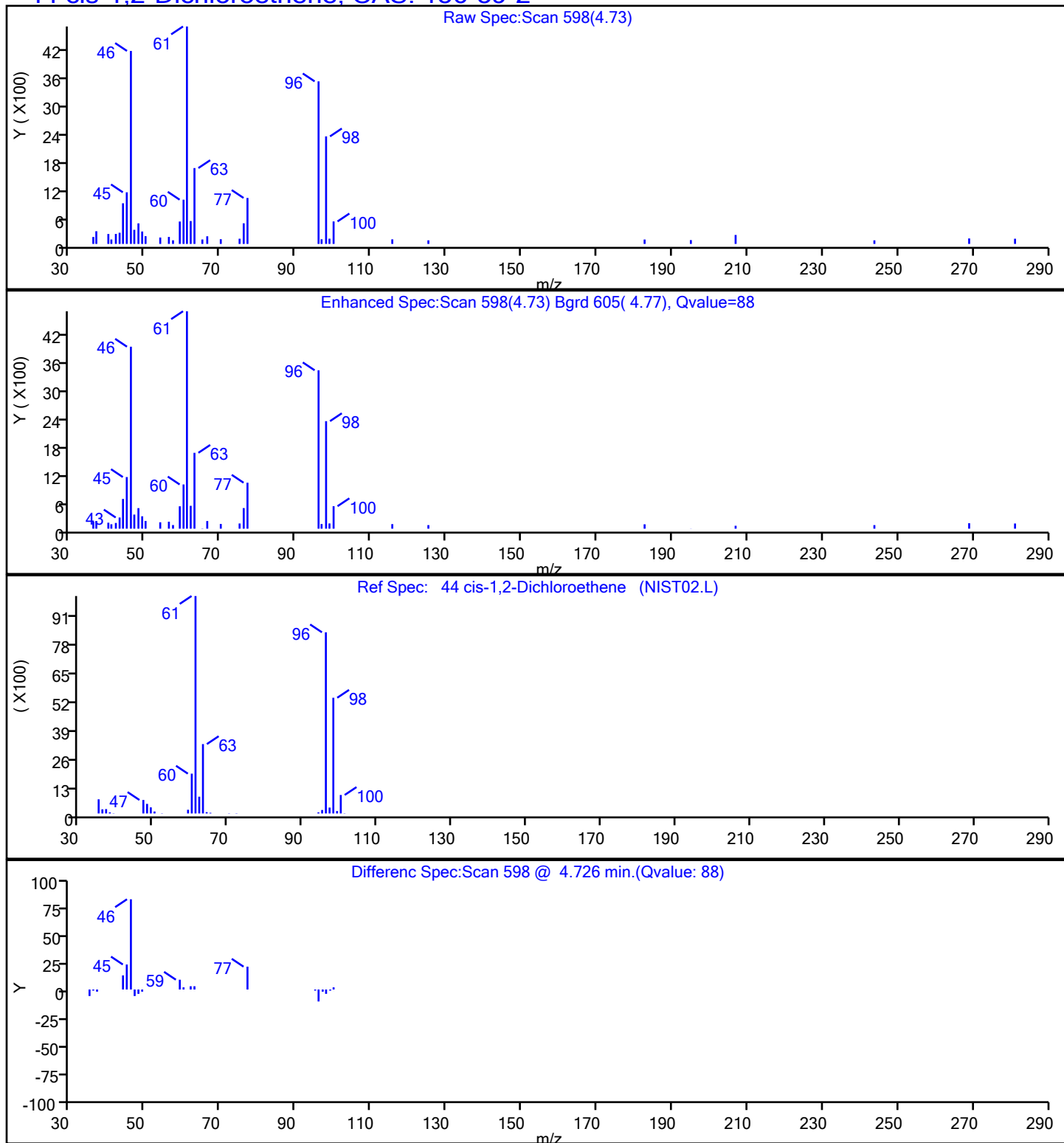
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D

Injection Date: 24-Feb-2022 04:53:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-6

Lab Sample ID: 460-252877-6

Client ID: FSMW13A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 27 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

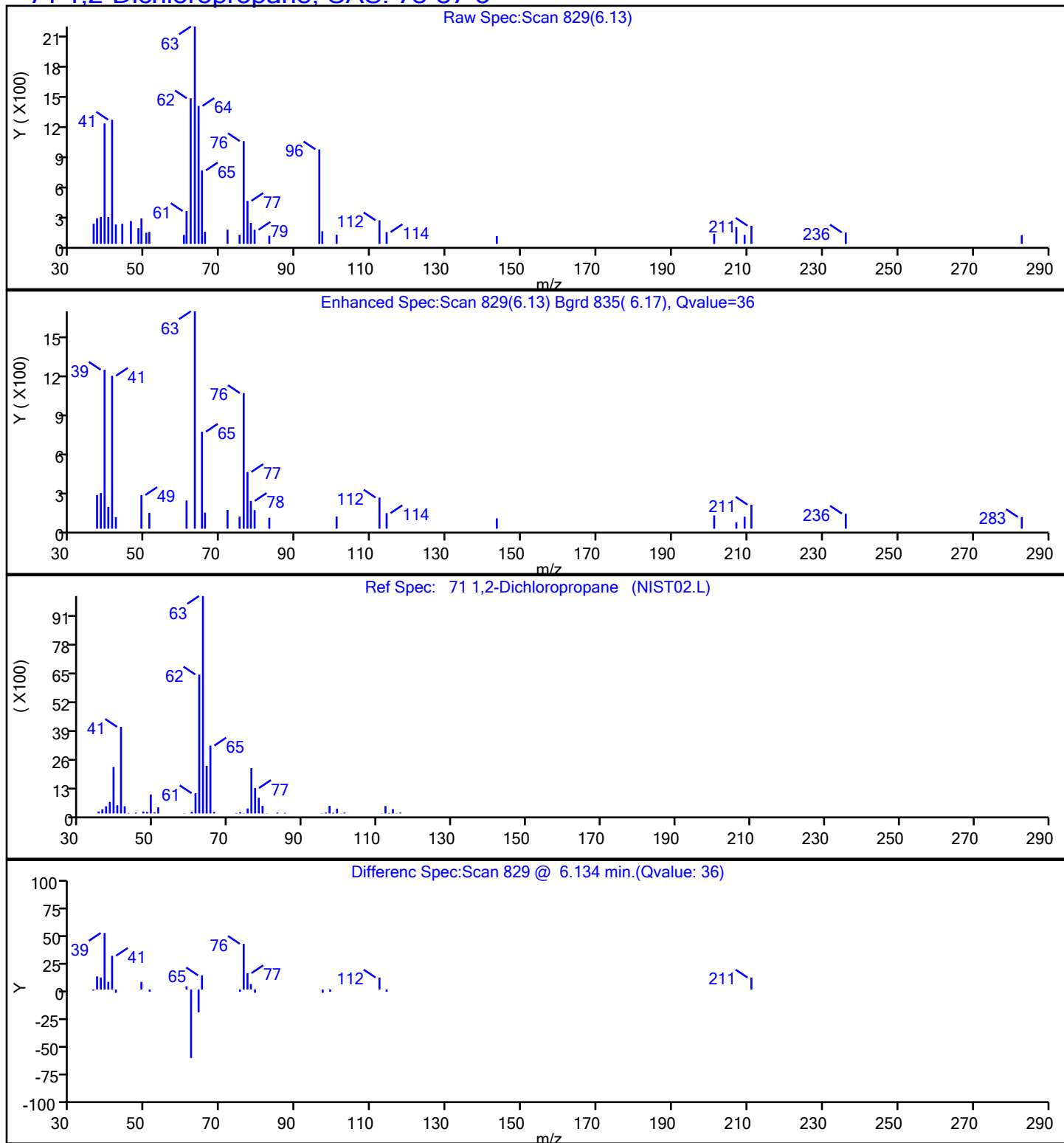
Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D

Injection Date: 24-Feb-2022 04:53:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-6

Lab Sample ID: 460-252877-6

Client ID: FSMW13A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 27 Worklist Smp#: 30

Purge Vol: 5.000 mL

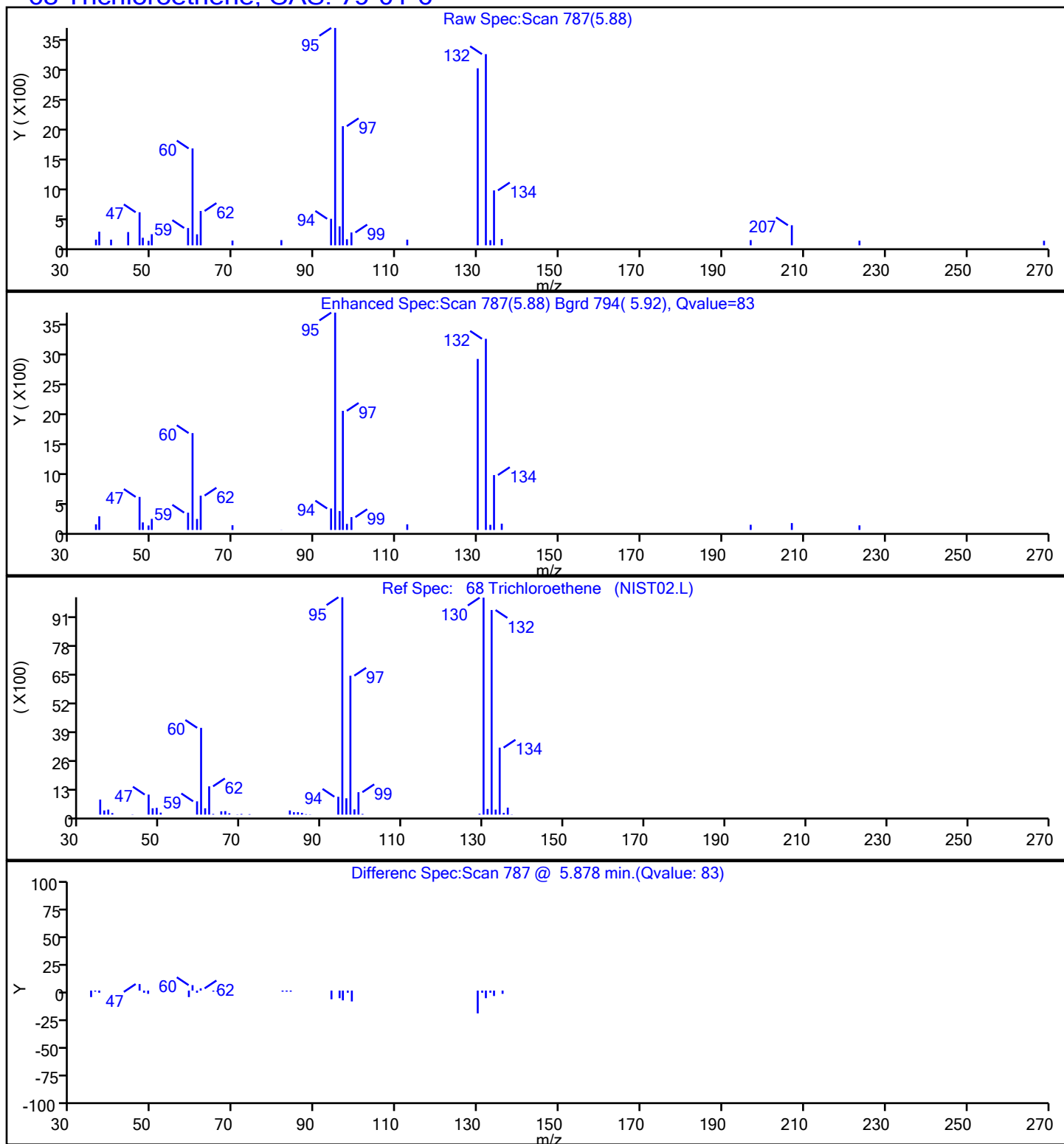
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D

Injection Date: 24-Feb-2022 04:53:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-6

Lab Sample ID: 460-252877-6

Client ID: FSMW13A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 27

Worklist Smp#: 30

Purge Vol: 5.000 mL

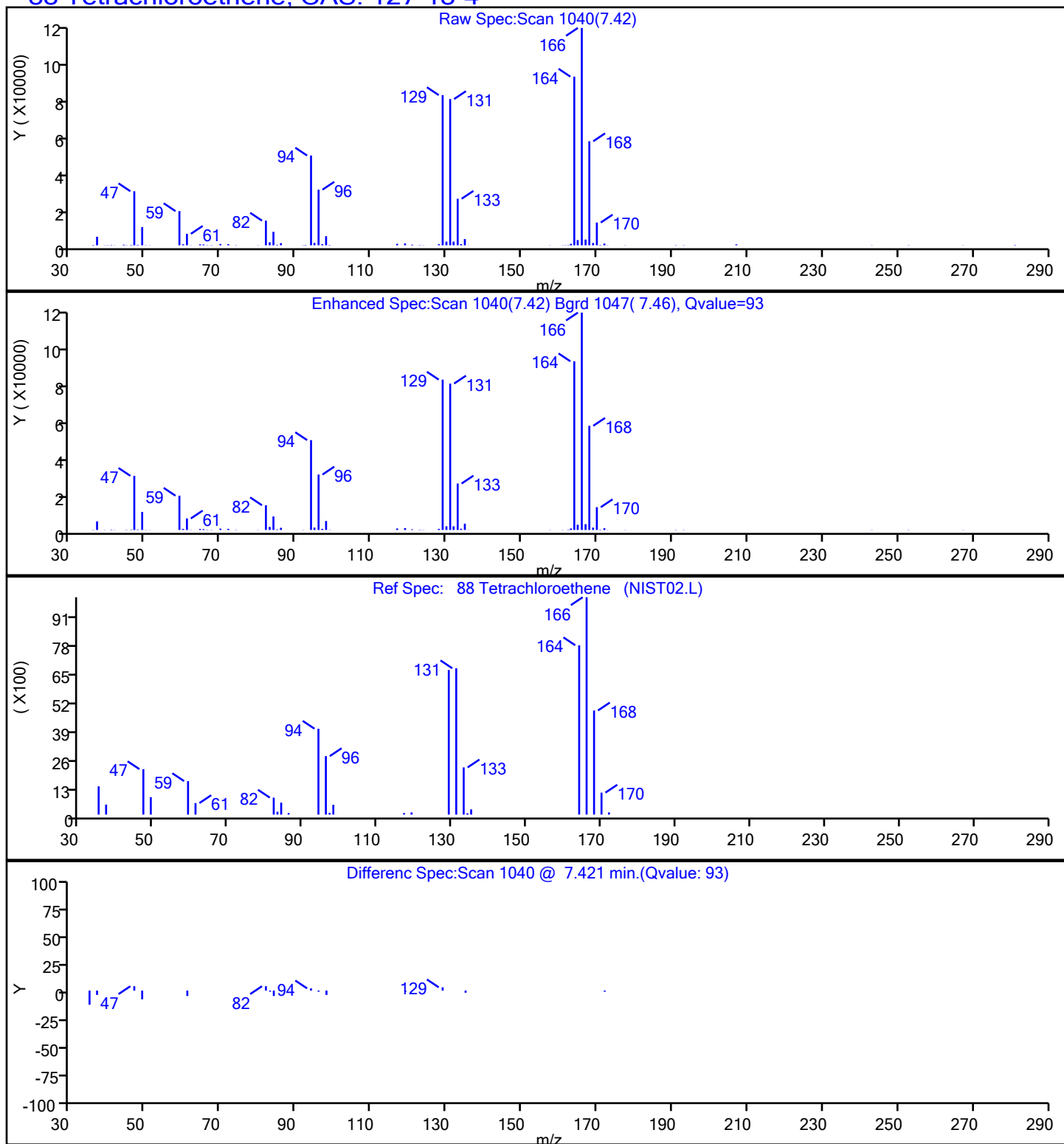
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D

Injection Date: 24-Feb-2022 04:53:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-6

Lab Sample ID: 460-252877-6

Client ID: FSMW13A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 27

Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

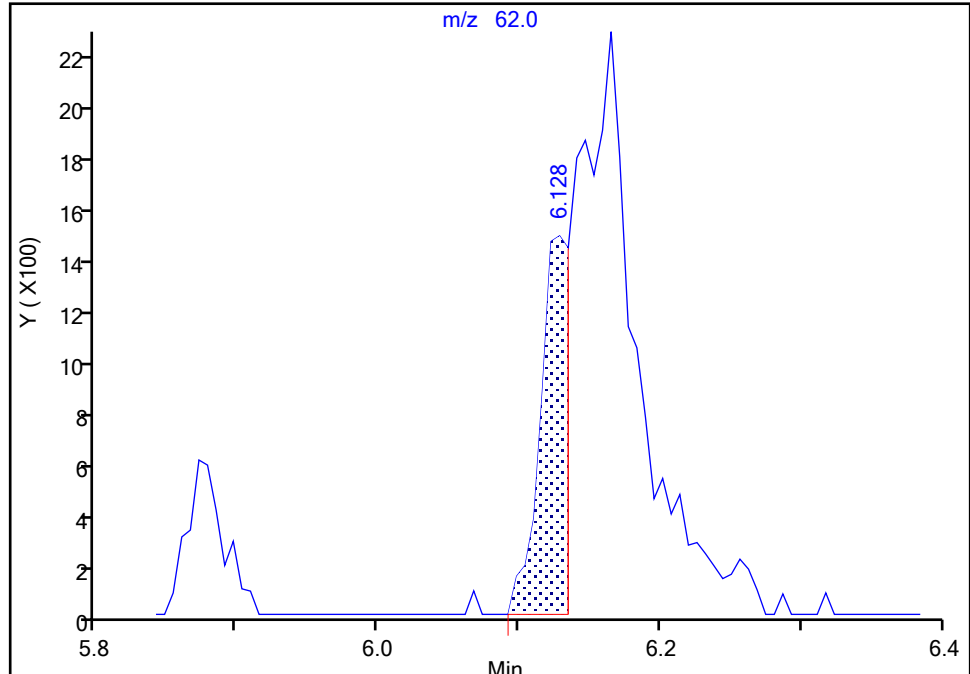
Detector: MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 2

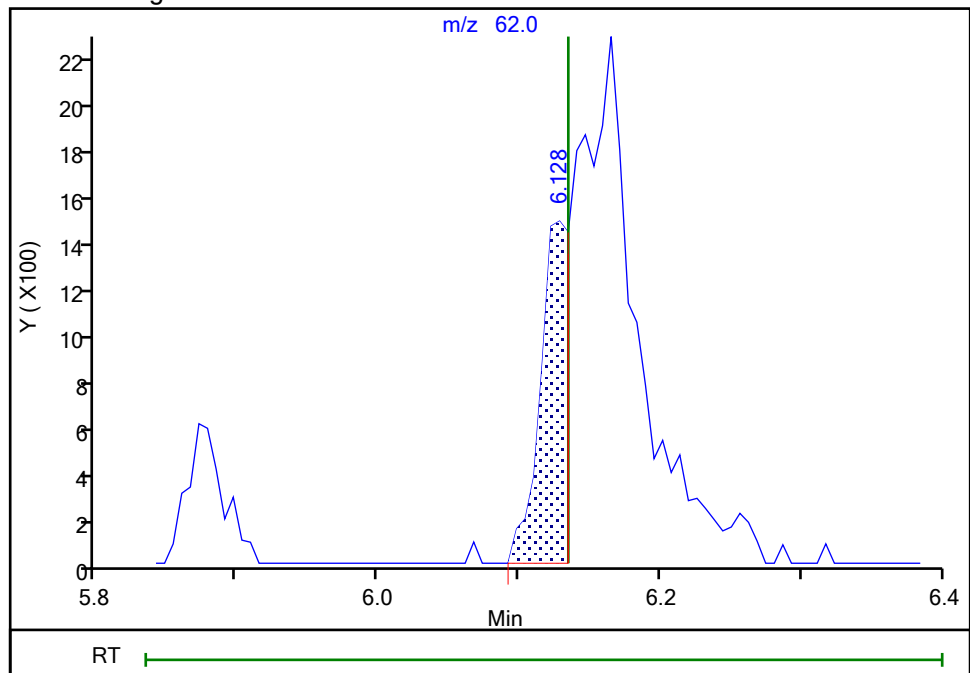
RT: 6.13
Area: 2182
Amount: 2.097899
Amount Units: ug/l

Processing Integration Results



RT: 6.13
Area: 2182
Amount: 2.097899
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 24-Feb-2022 09:42:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

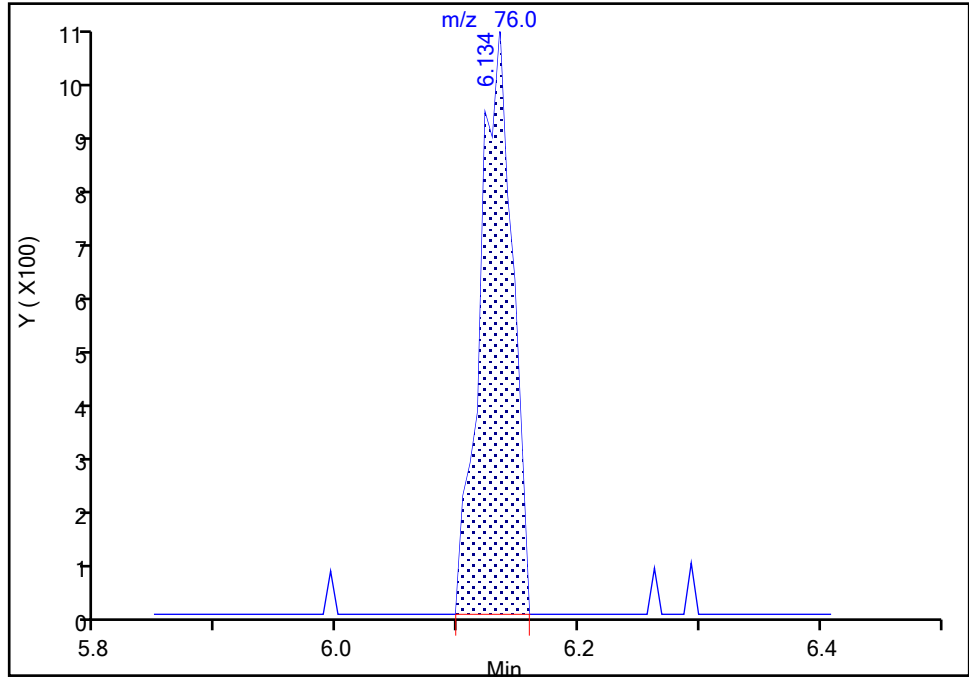
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D
Injection Date: 24-Feb-2022 04:53:30 Instrument ID: CVOAMS1
Lims ID: 460-252877-B-6 Lab Sample ID: 460-252877-6
Client ID: FSMW13A-021722
Operator ID: VOA GC/MS1 ALS Bottle#: 27 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 3

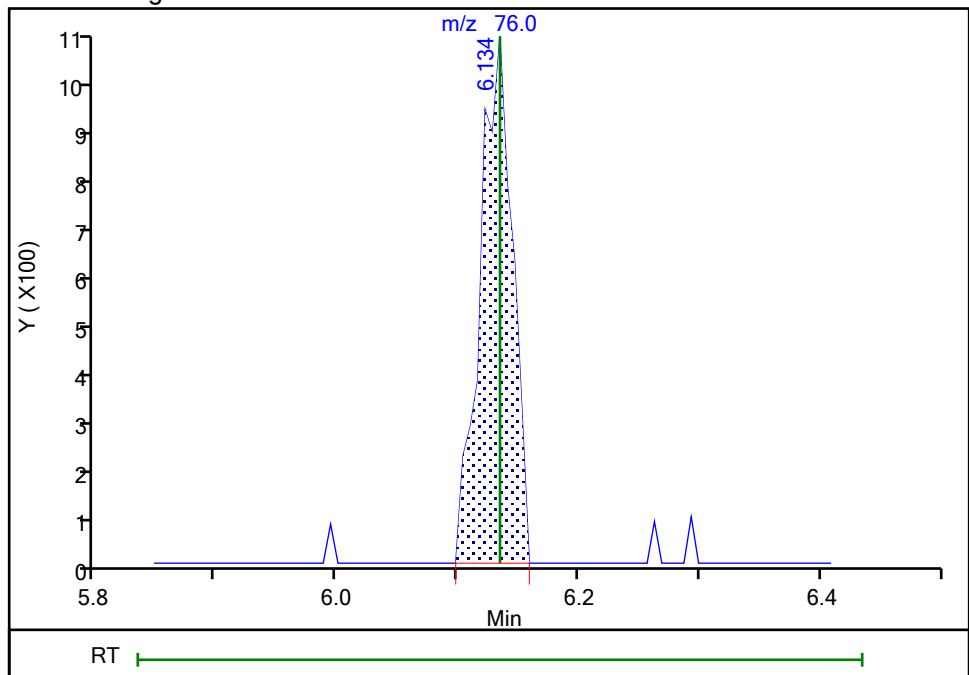
RT: 6.13
Area: 1876
Amount: 2.097899
Amount Units: ug/l

Processing Integration Results



Manual Integration Results

RT: 6.13
Area: 1876
Amount: 2.097899
Amount Units: ug/l



Reviewer: desais, 24-Feb-2022 09:42:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

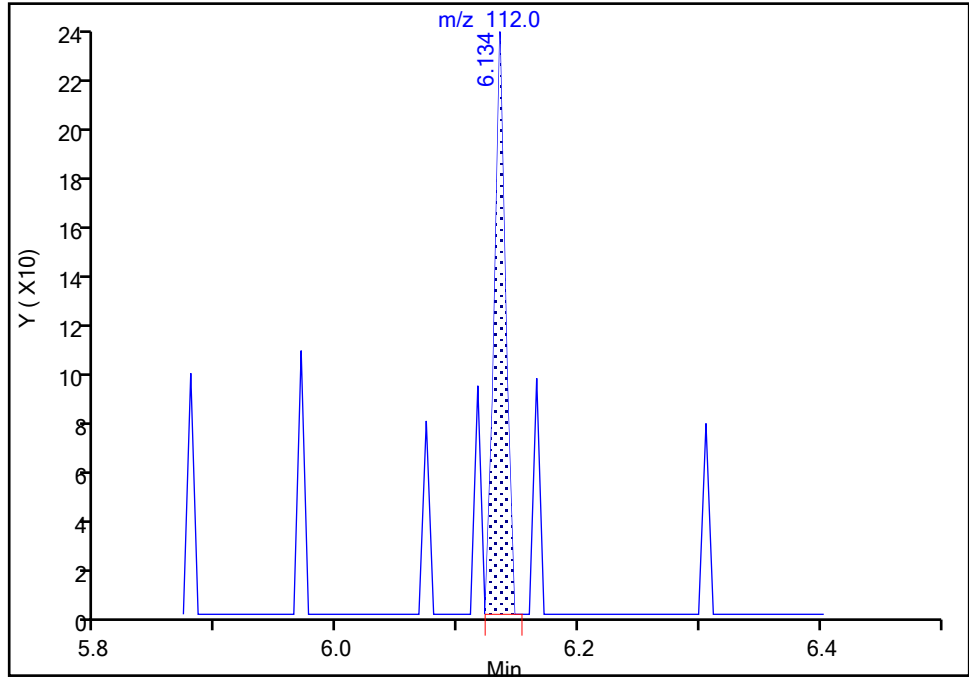
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D
Injection Date: 24-Feb-2022 04:53:30 Instrument ID: CVOAMS1
Lims ID: 460-252877-B-6 Lab Sample ID: 460-252877-6
Client ID: FSMW13A-021722
Operator ID: VOA GC/MS1 ALS Bottle#: 27 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 4

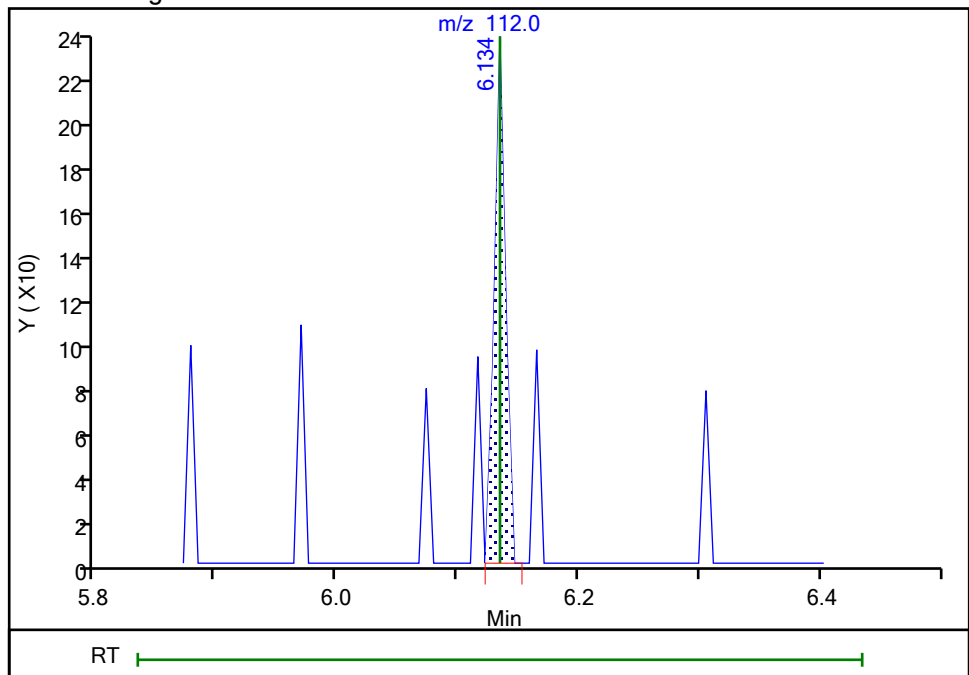
RT: 6.13
Area: 150
Amount: 2.097899
Amount Units: ug/l

Processing Integration Results



RT: 6.13
Area: 150
Amount: 2.097899
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 24-Feb-2022 09:42:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D

Injection Date: 24-Feb-2022 04:53:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-6

Lab Sample ID: 460-252877-6

Client ID: FSMW13A-021722

Operator ID: VOA GC/MS1

ALS Bottle#:

27

Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

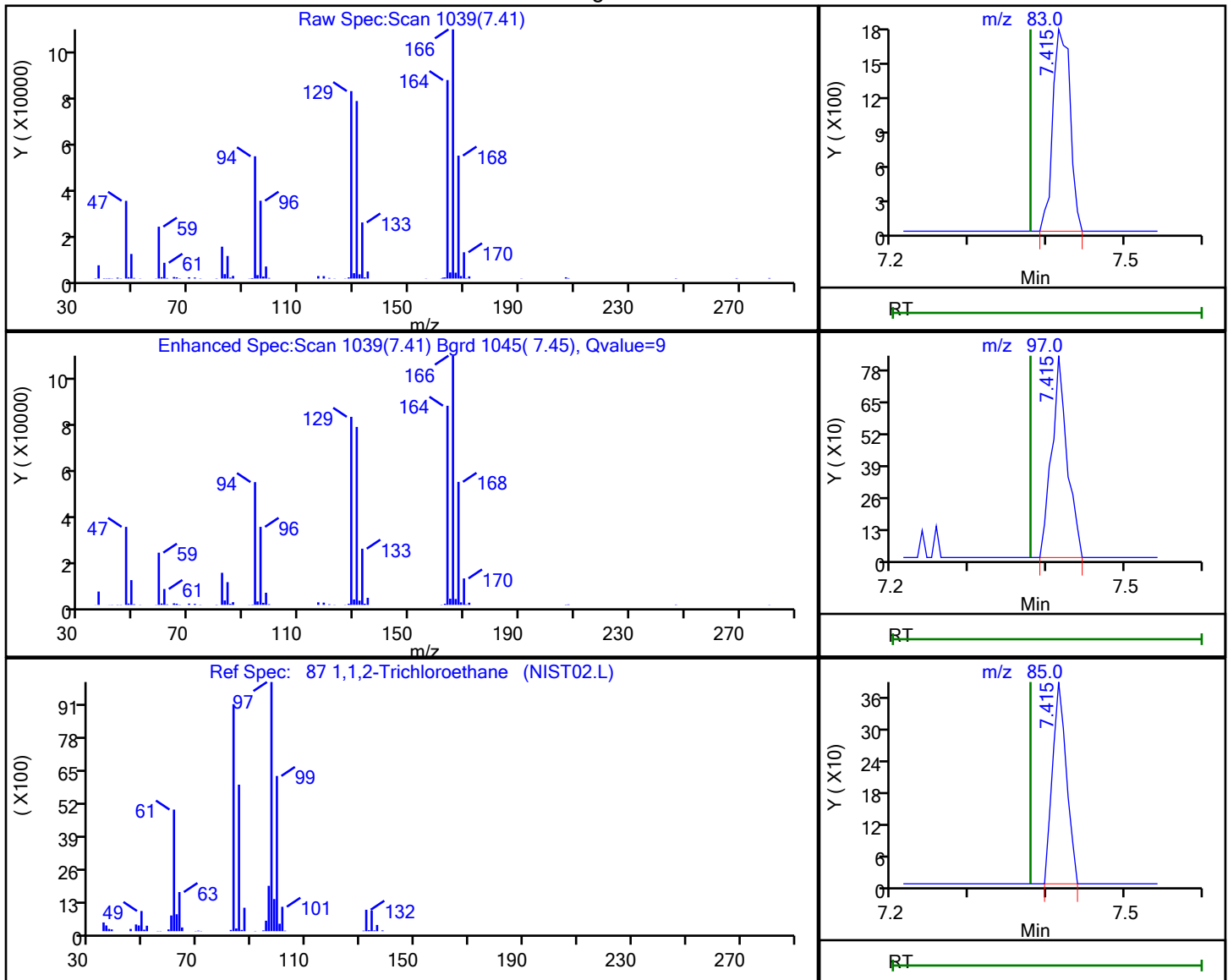
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.41	83.00	2773	1.762877
7.41	97.00	1158	
7.41	85.00	480	

Reviewer: desais, 24-Feb-2022 09:42:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15510.D

Injection Date: 24-Feb-2022 04:53:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-6

Lab Sample ID: 460-252877-6

Client ID: FSMW13A-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 27

Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

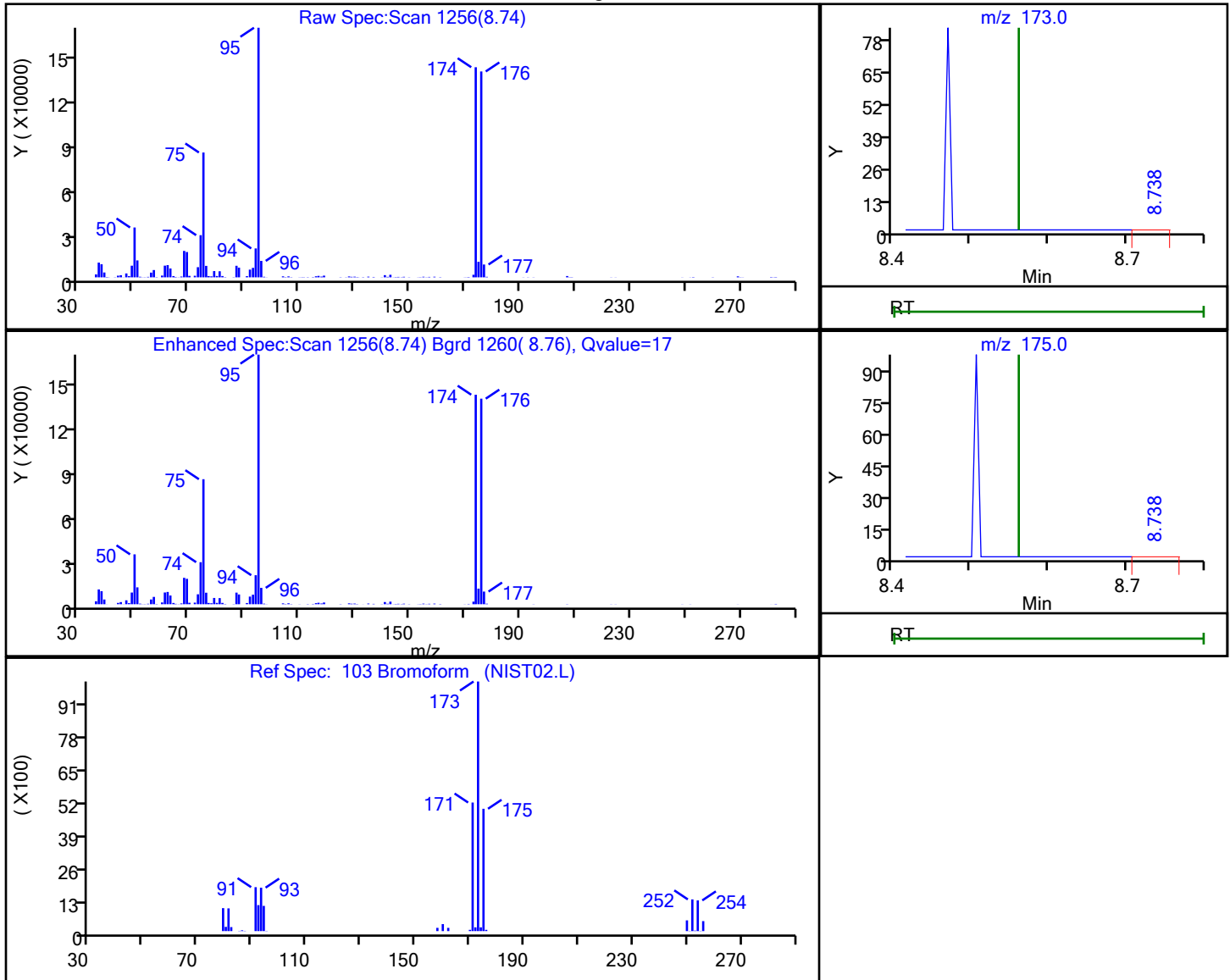
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.74	173.00	1829	1.301168
8.74	175.00	10850	

Reviewer: desais, 24-Feb-2022 09:43:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP01-021722</u>	Lab Sample ID: <u>460-252877-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15511.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 15:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/24/2022 05:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>829917</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	2.6		1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	2.1		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	2.5		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	73		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: DUP01-021722 Lab Sample ID: 460-252877-7
Matrix: Water Lab File ID: A15511.D
Analysis Method: 8260D Date Collected: 02/17/2022 15:40
Sample wt/vol: 5 (mL) Date Analyzed: 02/24/2022 05:16
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		75-123
2037-26-5	Toluene-d8 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D
 Lims ID: 460-252877-B-7
 Client ID: DUP01-021722
 Sample Type: Client
 Inject. Date: 24-Feb-2022 05:16:30 ALS Bottle#: 28 Worklist Smp#: 31
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-7
 Misc. Info.: 460-0141811-031
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 09:43:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.684	3.678	0.006	4	238631	1000.0	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	75	301657	250.0	
44 cis-1,2-Dichloroethene	96	4.726	4.726	0.000	85	7269	2.56	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.086	0.006	97	127149	52.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.372	5.373	-0.001	19	164371	57.8	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	426883	50.0	
68 Trichloroethene	95	5.878	5.879	-0.001	87	6135	2.48	
71 1,2-Dichloropropane	63	6.128	6.135	-0.007	37	4815	2.11	
* 73 1,4-Dioxane-d8	96	6.165	6.165	0.000	1	24730	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	99	460713	54.4	
88 Tetrachloroethene	166	7.421	7.421	0.000	93	183484	73.3	
* 94 Chlorobenzene-d5	117	8.030	8.024	0.006	85	307166	50.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	89	151848	53.5	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.390	0.006	96	183263	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D

Injection Date: 24-Feb-2022 05:16:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-B-7

Lab Sample ID: 460-252877-7

Worklist Smp#: 31

Client ID: DUP01-021722

Purge Vol: 5.000 mL

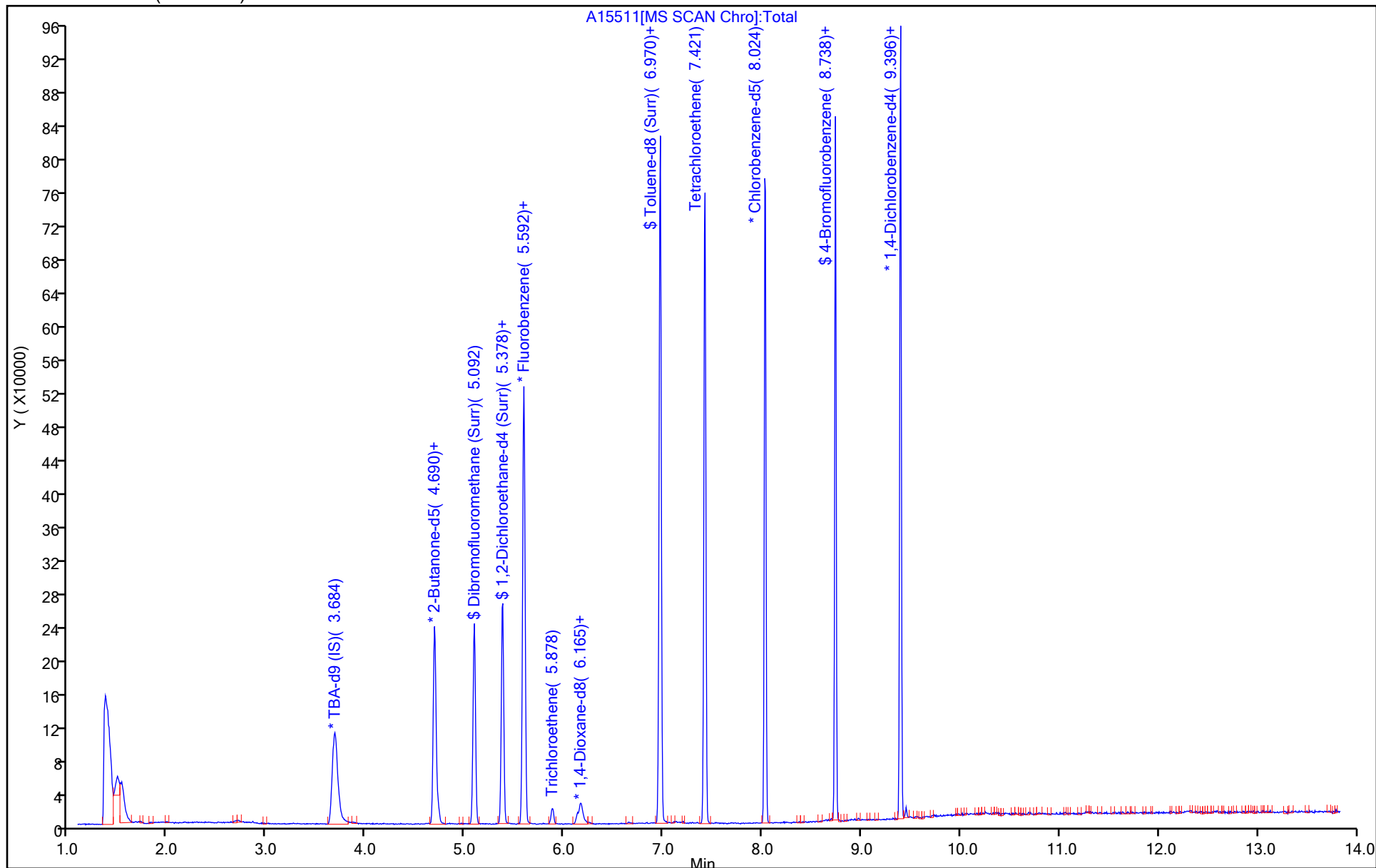
Dil. Factor: 1.0000

ALS Bottle#: 28

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D
Lims ID: 460-252877-B-7
Client ID: DUP01-021722
Sample Type: Client
Inject. Date: 24-Feb-2022 05:16:30 ALS Bottle#: 28 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-252877-B-7
Misc. Info.: 460-0141811-031
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 09:43:21

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.8	105.54
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.8	115.70
\$ 83 Toluene-d8 (Surr)	50.0	54.4	108.81
\$ 105 4-Bromofluorobenzene	50.0	53.5	106.99

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D

Injection Date: 24-Feb-2022 05:16:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-7

Lab Sample ID: 460-252877-7

Client ID: DUP01-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 28

Worklist Smp#: 31

Purge Vol: 5.000 mL

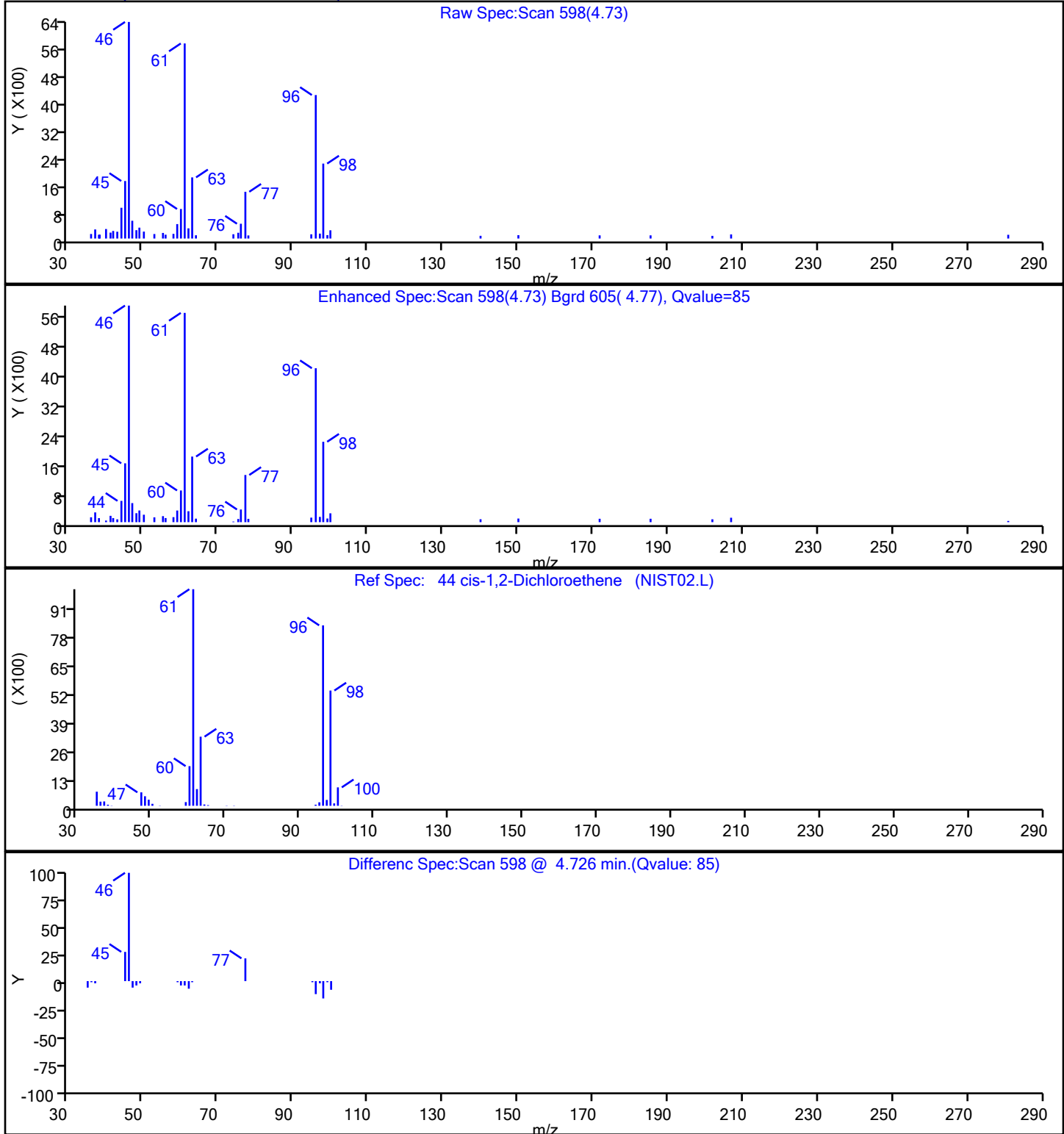
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D

Injection Date: 24-Feb-2022 05:16:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-7

Lab Sample ID: 460-252877-7

Client ID: DUP01-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 28 Worklist Smp#: 31

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

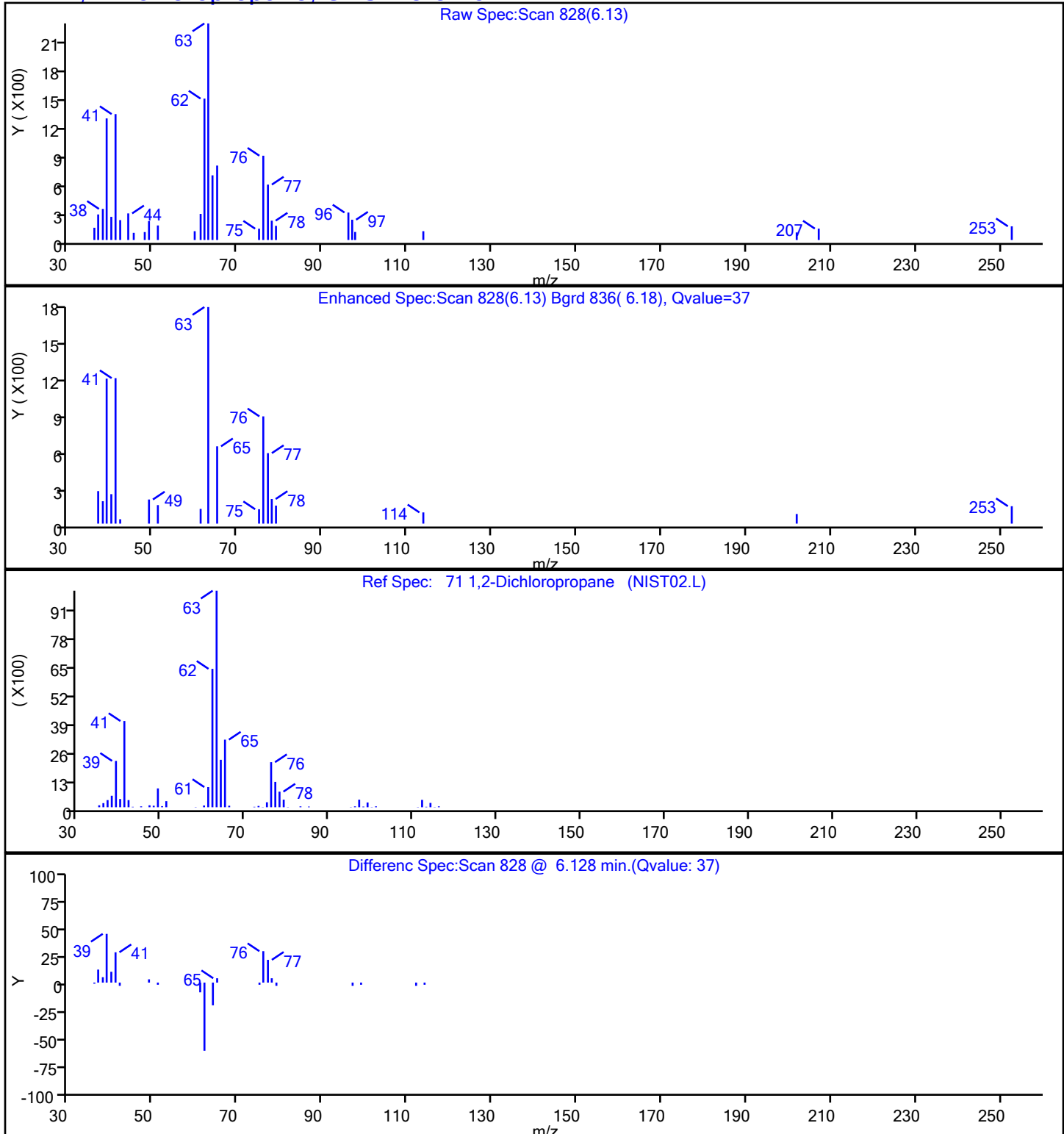
Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D

Injection Date: 24-Feb-2022 05:16:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-7

Lab Sample ID: 460-252877-7

Client ID: DUP01-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 28 Worklist Smp#: 31

Purge Vol: 5.000 mL

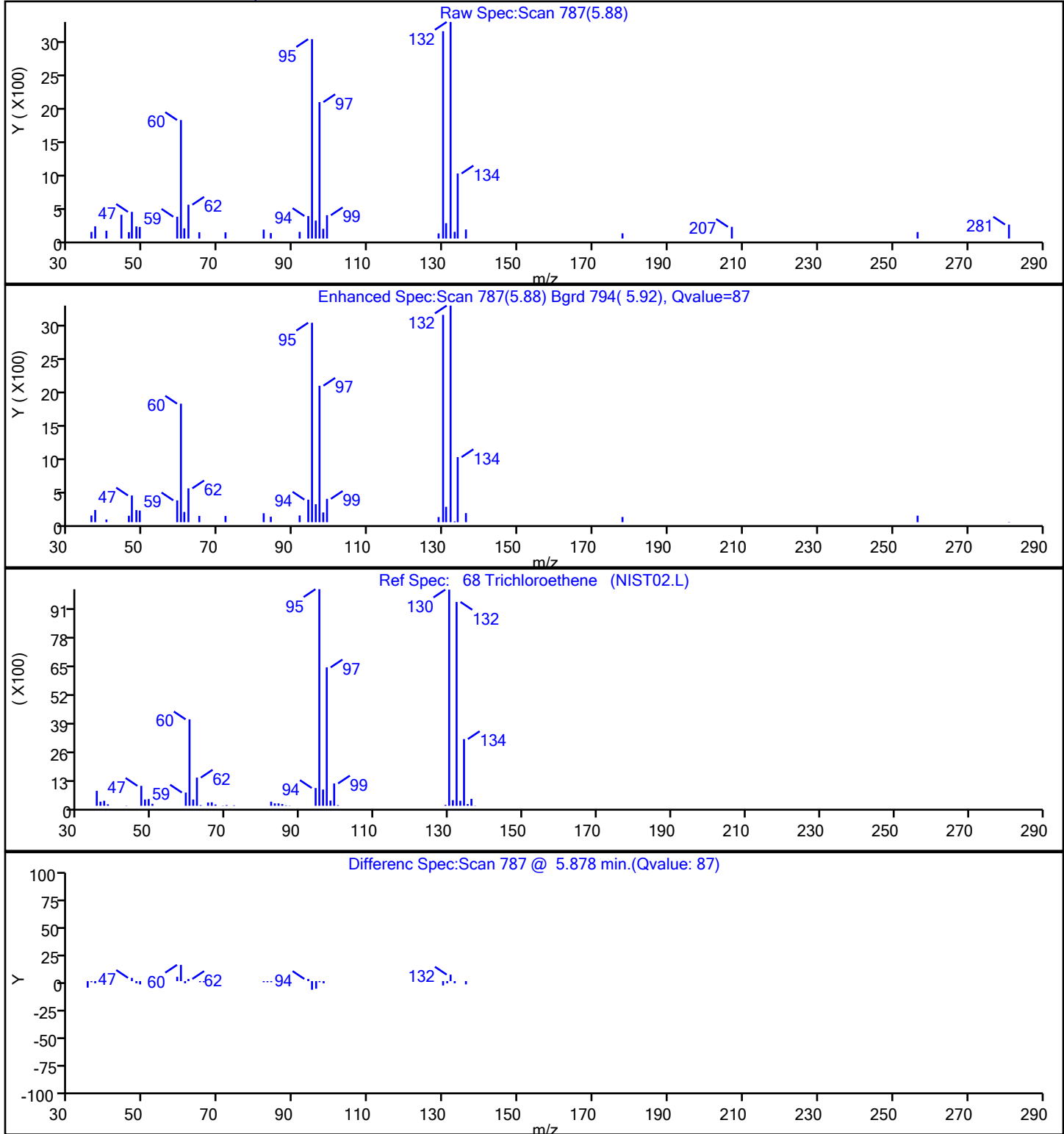
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D

Injection Date: 24-Feb-2022 05:16:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-7

Lab Sample ID: 460-252877-7

Client ID: DUP01-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 28

Worklist Smp#: 31

Purge Vol: 5.000 mL

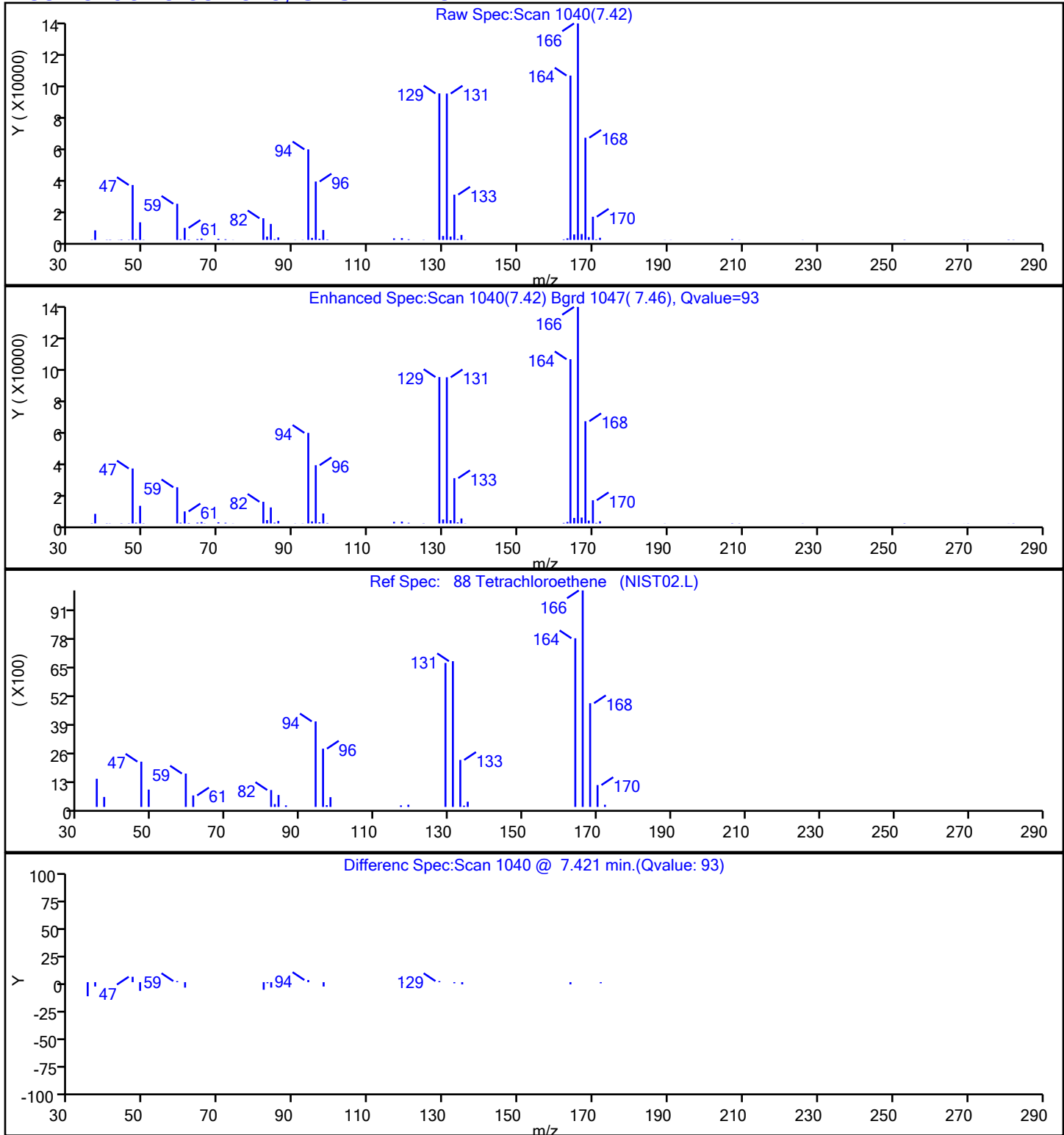
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

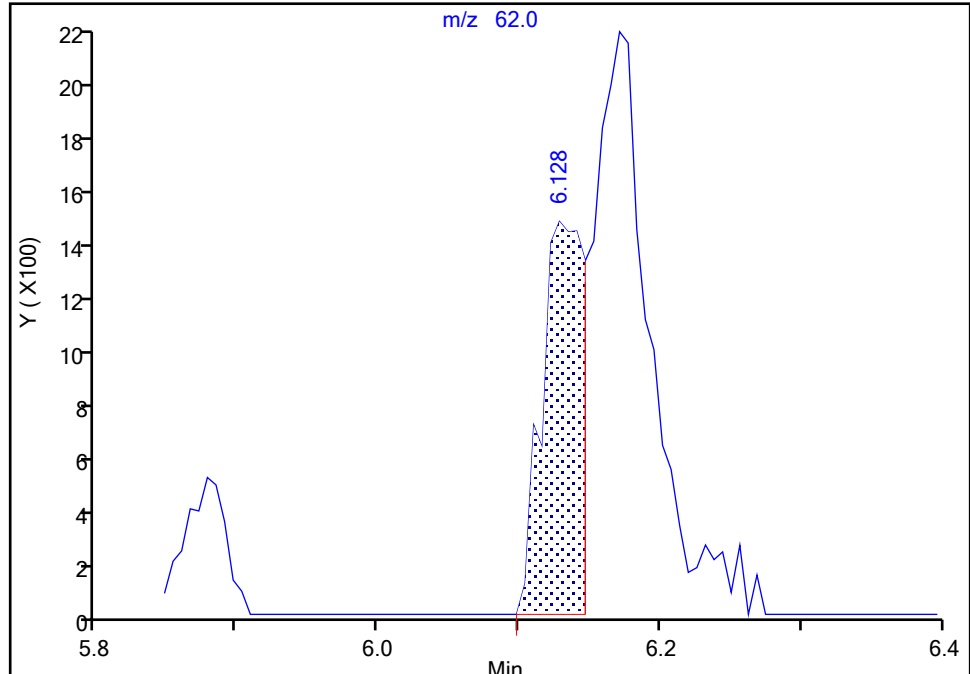
Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D		
Injection Date:	24-Feb-2022 05:16:30	Instrument ID:	CVOAMS1
Lims ID:	460-252877-B-7	Lab Sample ID:	460-252877-7
Client ID:	DUP01-021722		
Operator ID:	VOA GC/MS1	ALS Bottle#:	28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	31

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 2

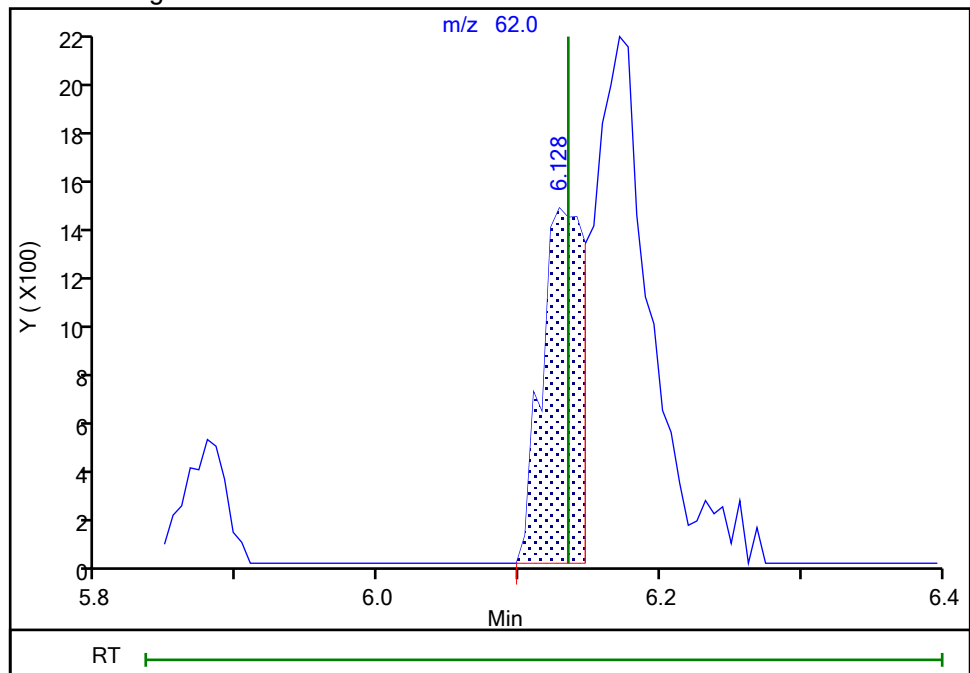
RT: 6.13
Area: 3125
Amount: 2.110747
Amount Units: ug/l

Processing Integration Results



RT: 6.13
Area: 3125
Amount: 2.110747
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 24-Feb-2022 09:43:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

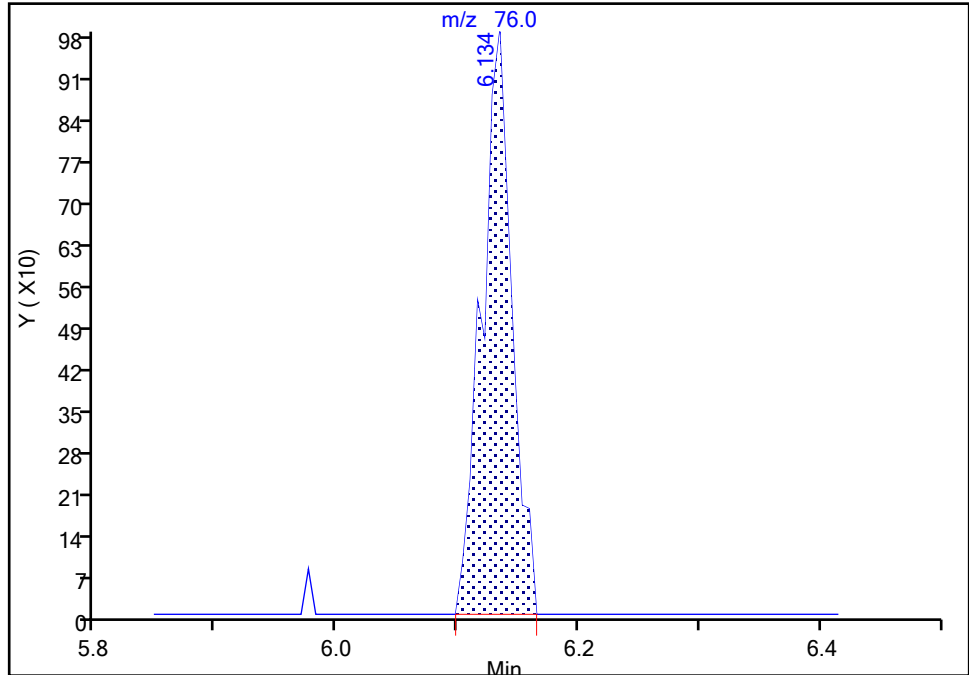
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D
Injection Date: 24-Feb-2022 05:16:30 Instrument ID: CVOAMS1
Lims ID: 460-252877-B-7 Lab Sample ID: 460-252877-7
Client ID: DUP01-021722
Operator ID: VOA GC/MS1 ALS Bottle#: 28 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 3

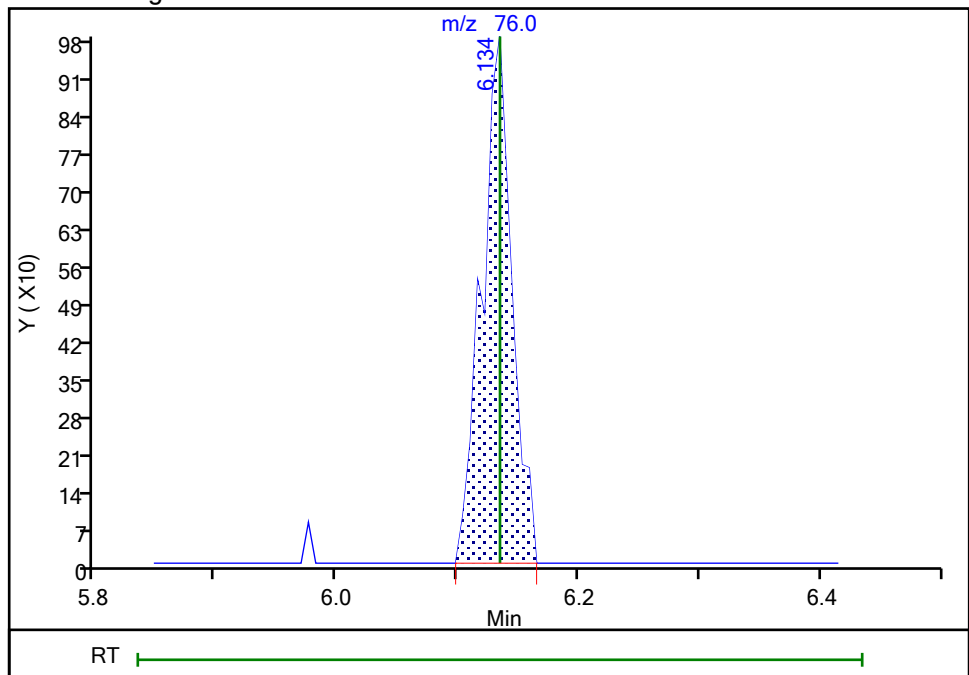
RT: 6.13
Area: 1706
Amount: 2.110747
Amount Units: ug/l

Processing Integration Results



RT: 6.13
Area: 1706
Amount: 2.110747
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 24-Feb-2022 09:43:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

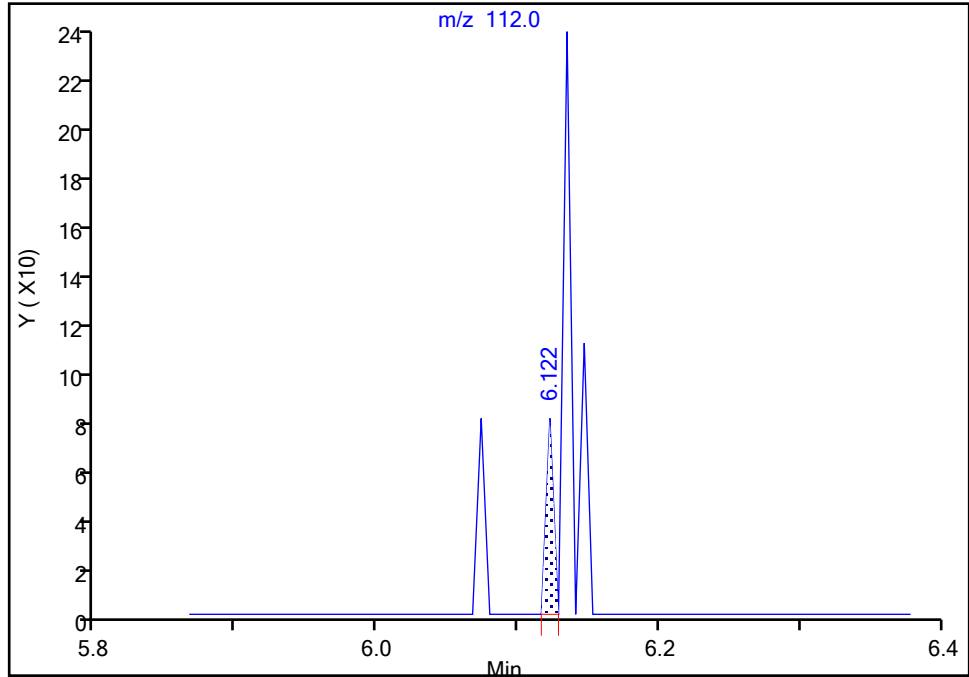
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D
Injection Date: 24-Feb-2022 05:16:30 Instrument ID: CVOAMS1
Lims ID: 460-252877-B-7 Lab Sample ID: 460-252877-7
Client ID: DUP01-021722
Operator ID: VOA GC/MS1 ALS Bottle#: 28 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 4

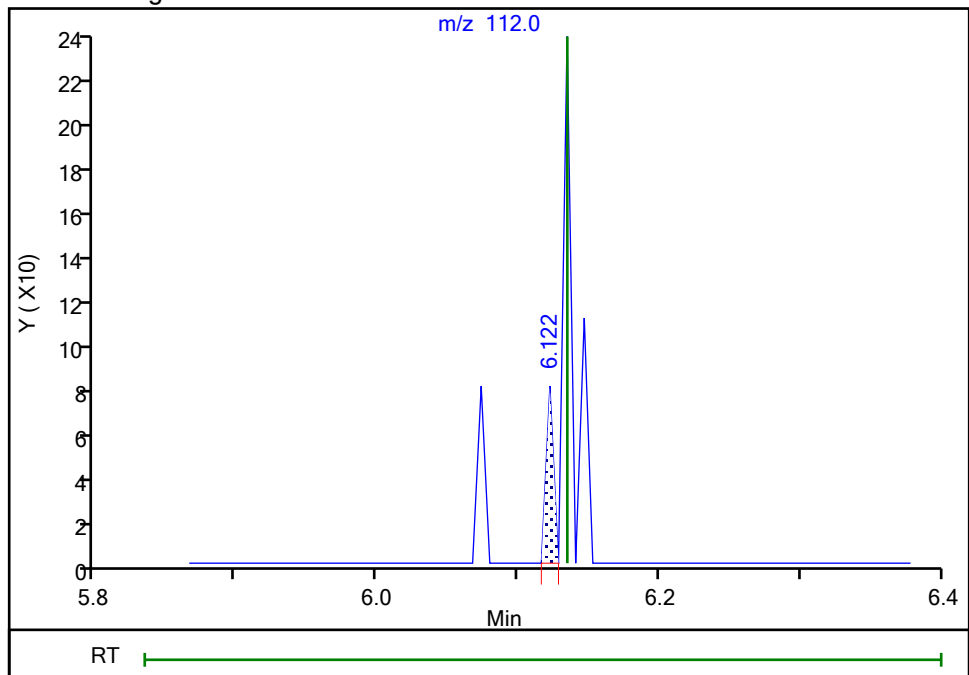
RT: 6.12
Area: 29
Amount: 2.110747
Amount Units: ug/l

Processing Integration Results



RT: 6.12
Area: 29
Amount: 2.110747
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D

Injection Date: 24-Feb-2022 05:16:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-7

Lab Sample ID: 460-252877-7

Client ID: DUP01-021722

Operator ID: VOA GC/MS1

ALS Bottle#:

28

Worklist Smp#: 31

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

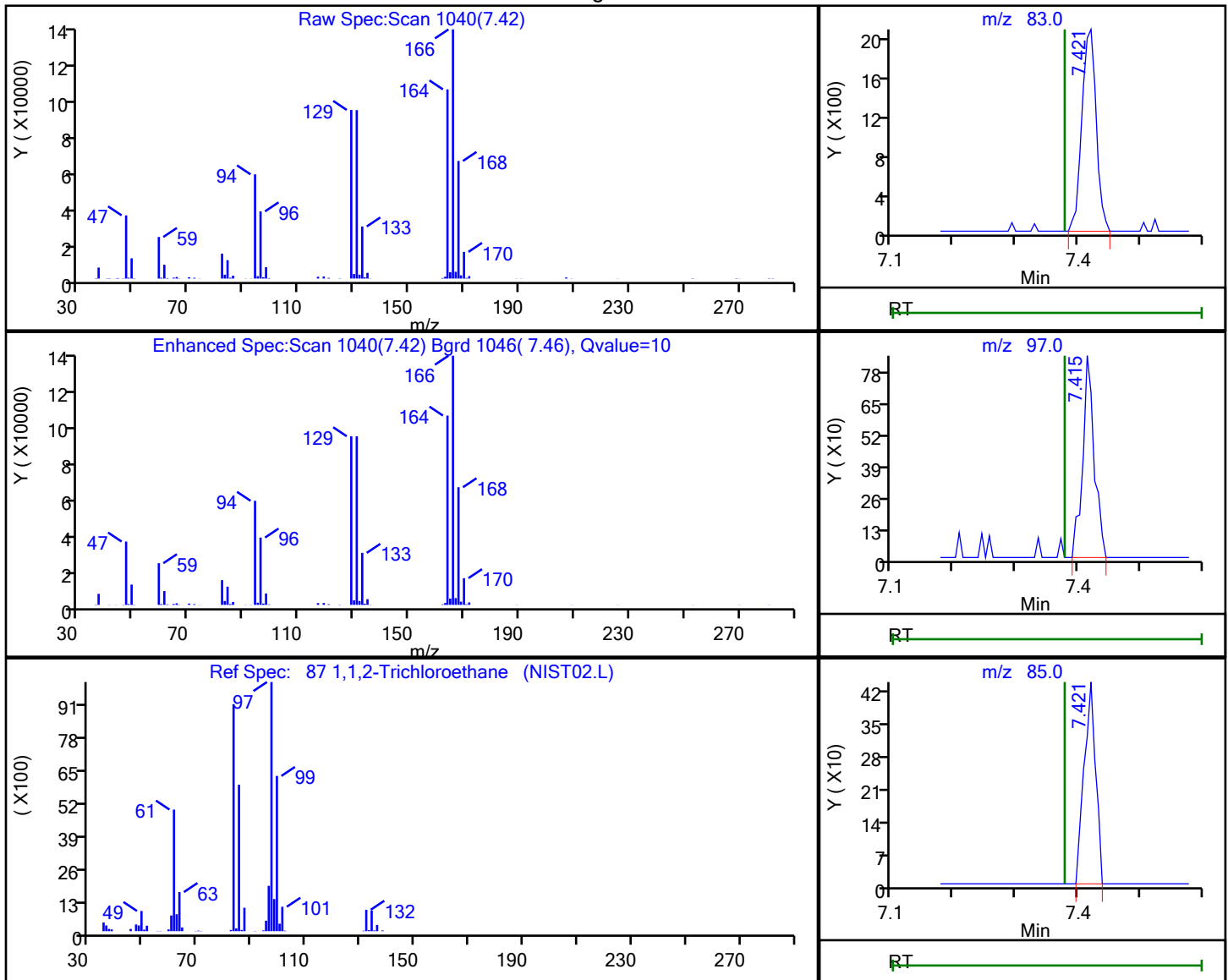
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.42	83.00	3291	2.029672
7.41	97.00	1102	
7.42	85.00	561	

Reviewer: desais, 24-Feb-2022 09:43:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15511.D

Injection Date: 24-Feb-2022 05:16:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-7

Lab Sample ID: 460-252877-7

Client ID: DUP01-021722

Operator ID: VOA GC/MS1

ALS Bottle#: 28 Worklist Smp#: 31

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

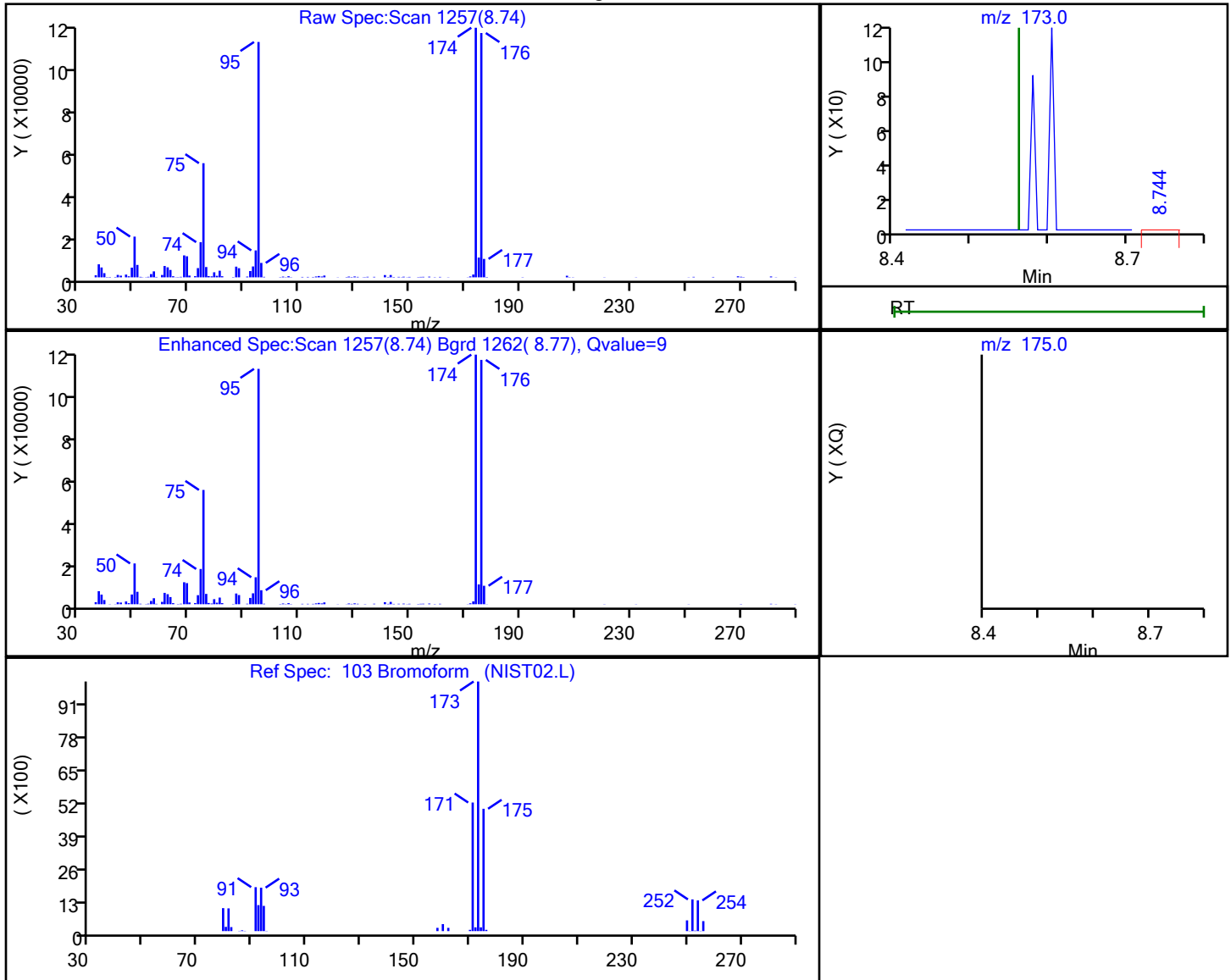
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.74	173.00	931	0.642532
8.74	175.00	11590	

Reviewer: desais, 24-Feb-2022 09:43:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>LRF1-021822</u>	Lab Sample ID: <u>460-252877-8</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15512.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/18/2022 09:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/24/2022 05:39</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>829917</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.27	J	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	14		1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	18		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	100		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: LRF1-021822 Lab Sample ID: 460-252877-8
Matrix: Water Lab File ID: A15512.D
Analysis Method: 8260D Date Collected: 02/18/2022 09:45
Sample wt/vol: 5 (mL) Date Analyzed: 02/24/2022 05:39
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.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		75-123
2037-26-5	Toluene-d8 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D
 Lims ID: 460-252877-B-8
 Client ID: LRF1-021822
 Sample Type: Client
 Inject. Date: 24-Feb-2022 05:39:30 ALS Bottle#: 29 Worklist Smp#: 32
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-8
 Misc. Info.: 460-0141811-032
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 09:43:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.678	3.678	0.000	13	233112	1000.0	
34 trans-1,2-Dichloroethene	96	3.879	3.873	0.006	40	643	0.2675	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	75	293905	250.0	
44 cis-1,2-Dichloroethene	96	4.726	4.726	0.000	88	37172	13.5	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.086	0.006	97	122644	52.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.373	0.006	1	160458	58.2	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	414434	50.0	
68 Trichloroethene	95	5.879	5.879	0.000	94	43040	17.9	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	1	23912	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	99	449095	54.5	
88 Tetrachloroethene	166	7.421	7.421	0.000	92	255730	104.9	
* 94 Chlorobenzene-d5	117	8.031	8.024	0.007	85	299063	50.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	92	147935	53.5	
* 121 1,4-Dichlorobenzene-d4	152	9.390	9.390	0.000	96	177499	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D

Injection Date: 24-Feb-2022 05:39:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-B-8

Lab Sample ID: 460-252877-8

Worklist Smp#: 32

Client ID: LRF1-021822

Purge Vol: 5.000 mL

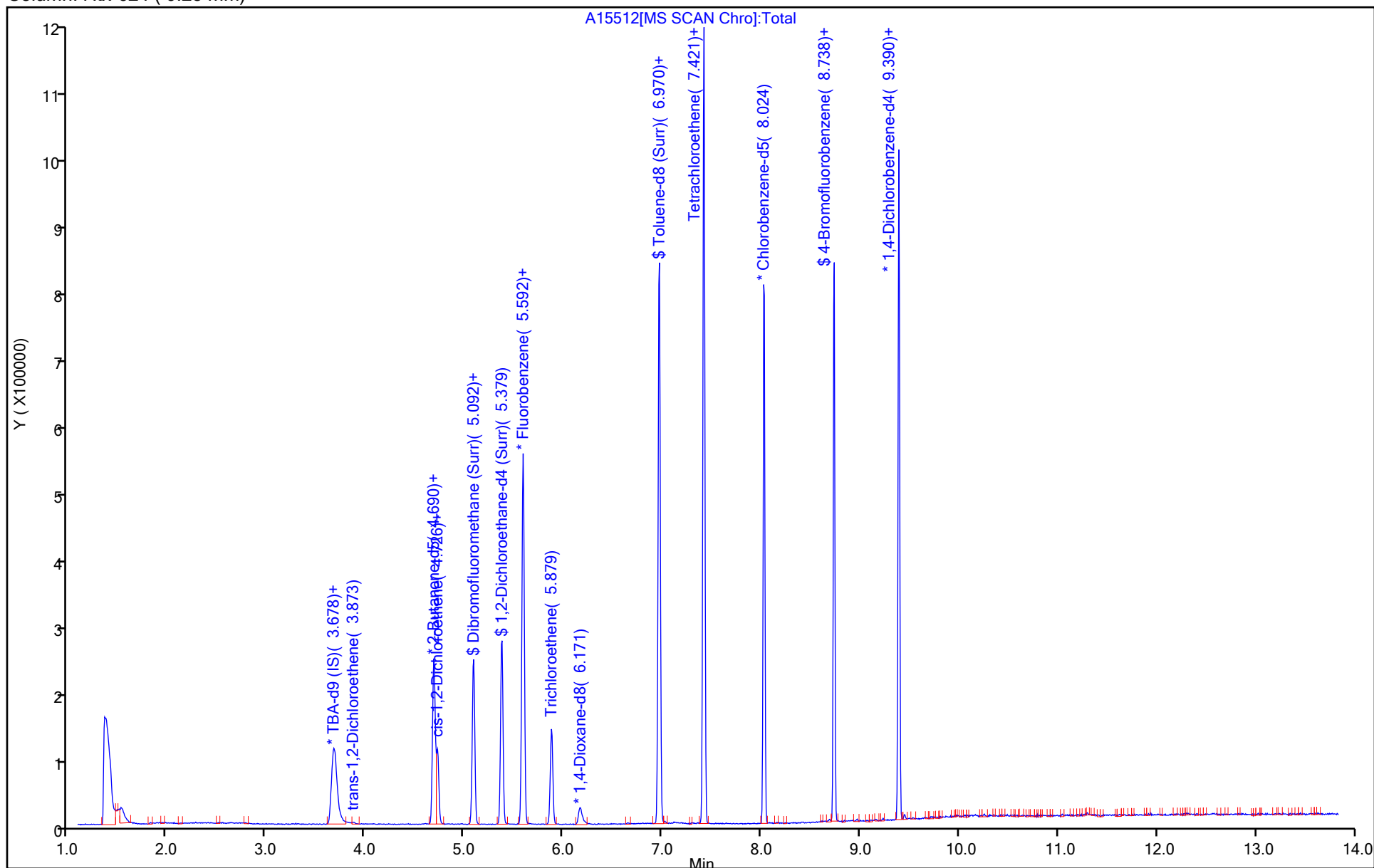
Dil. Factor: 1.0000

ALS Bottle#: 29

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D
 Lims ID: 460-252877-B-8
 Client ID: LRF1-021822
 Sample Type: Client
 Inject. Date: 24-Feb-2022 05:39:30 ALS Bottle#: 29 Worklist Smp#: 32
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-8
 Misc. Info.: 460-0141811-032
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 11:43:52 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1671

First Level Reviewer: desais

Date: 24-Feb-2022 09:43:39

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.4	104.86
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.2	116.34
\$ 83 Toluene-d8 (Surr)	50.0	54.5	108.94
\$ 105 4-Bromofluorobenzene	50.0	53.5	107.06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D

Injection Date: 24-Feb-2022 05:39:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-8

Lab Sample ID: 460-252877-8

Client ID: LRF1-021822

Operator ID: VOA GC/MS1

ALS Bottle#: 29

Worklist Smp#: 32

Purge Vol: 5.000 mL

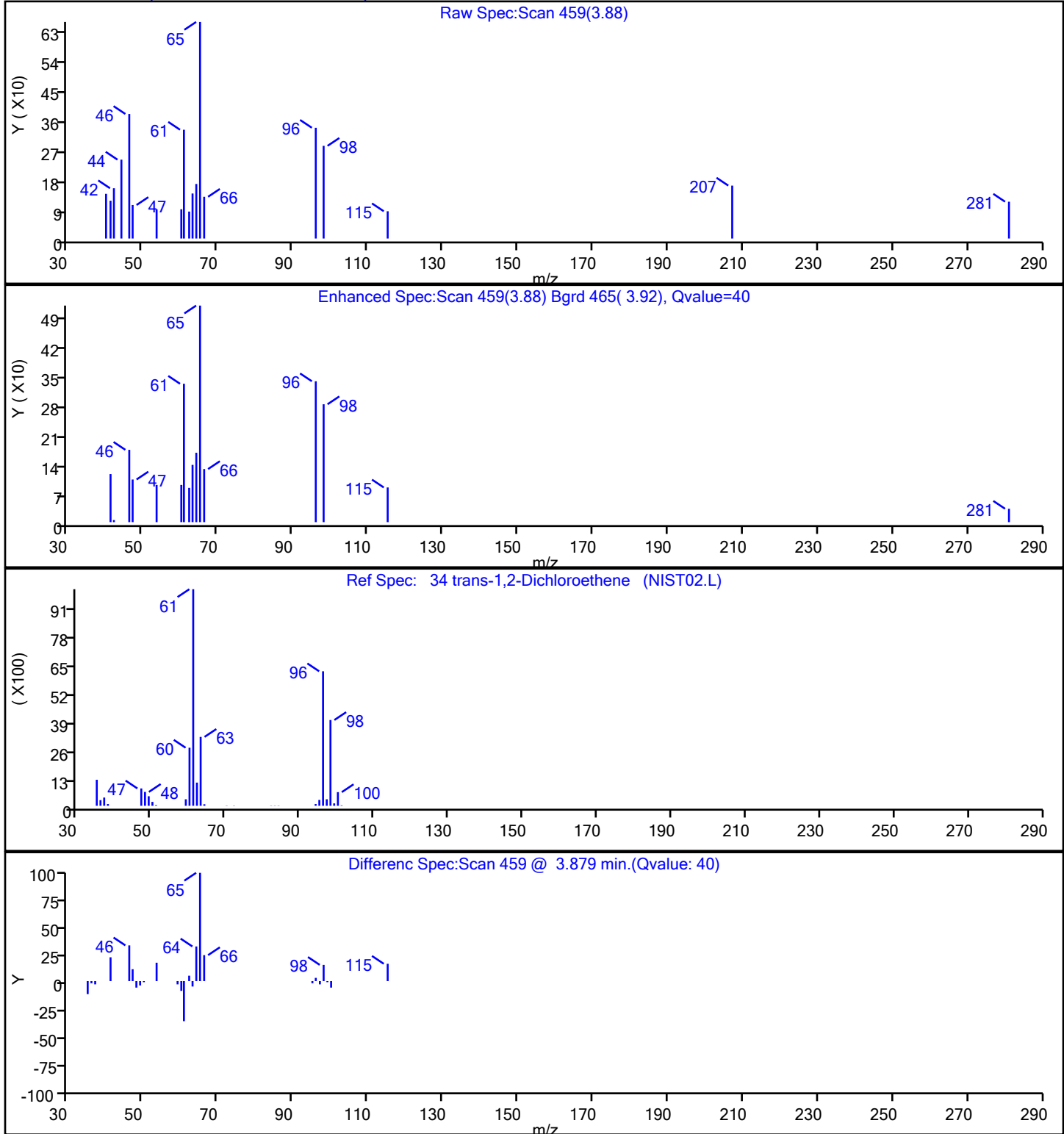
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D

Injection Date: 24-Feb-2022 05:39:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-8

Lab Sample ID: 460-252877-8

Client ID: LRF1-021822

Operator ID: VOA GC/MS1

ALS Bottle#: 29 Worklist Smp#: 32

Purge Vol: 5.000 mL

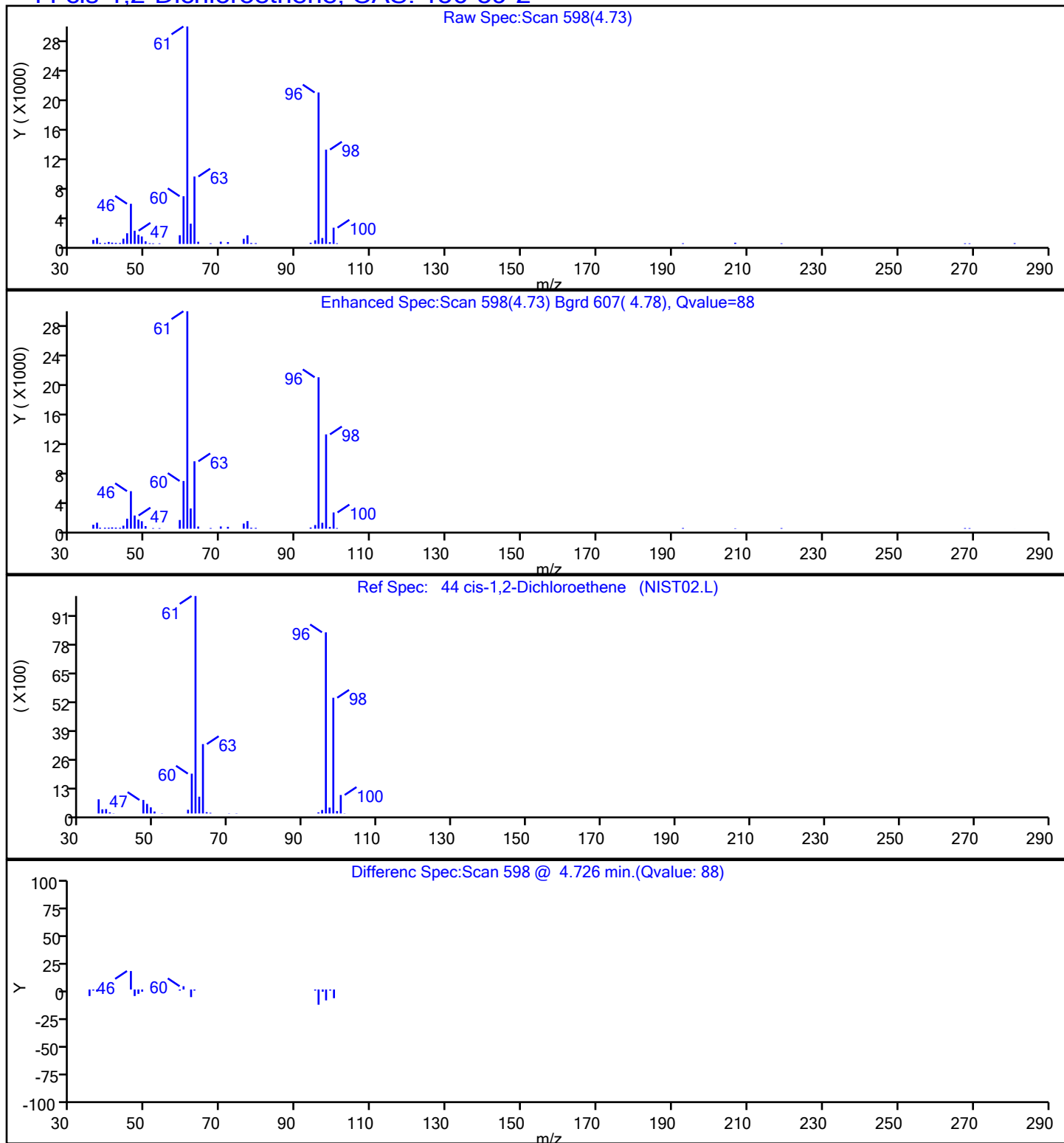
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D

Injection Date: 24-Feb-2022 05:39:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-8

Lab Sample ID: 460-252877-8

Client ID: LRF1-021822

Operator ID: VOA GC/MS1

ALS Bottle#: 29

Worklist Smp#: 32

Purge Vol: 5.000 mL

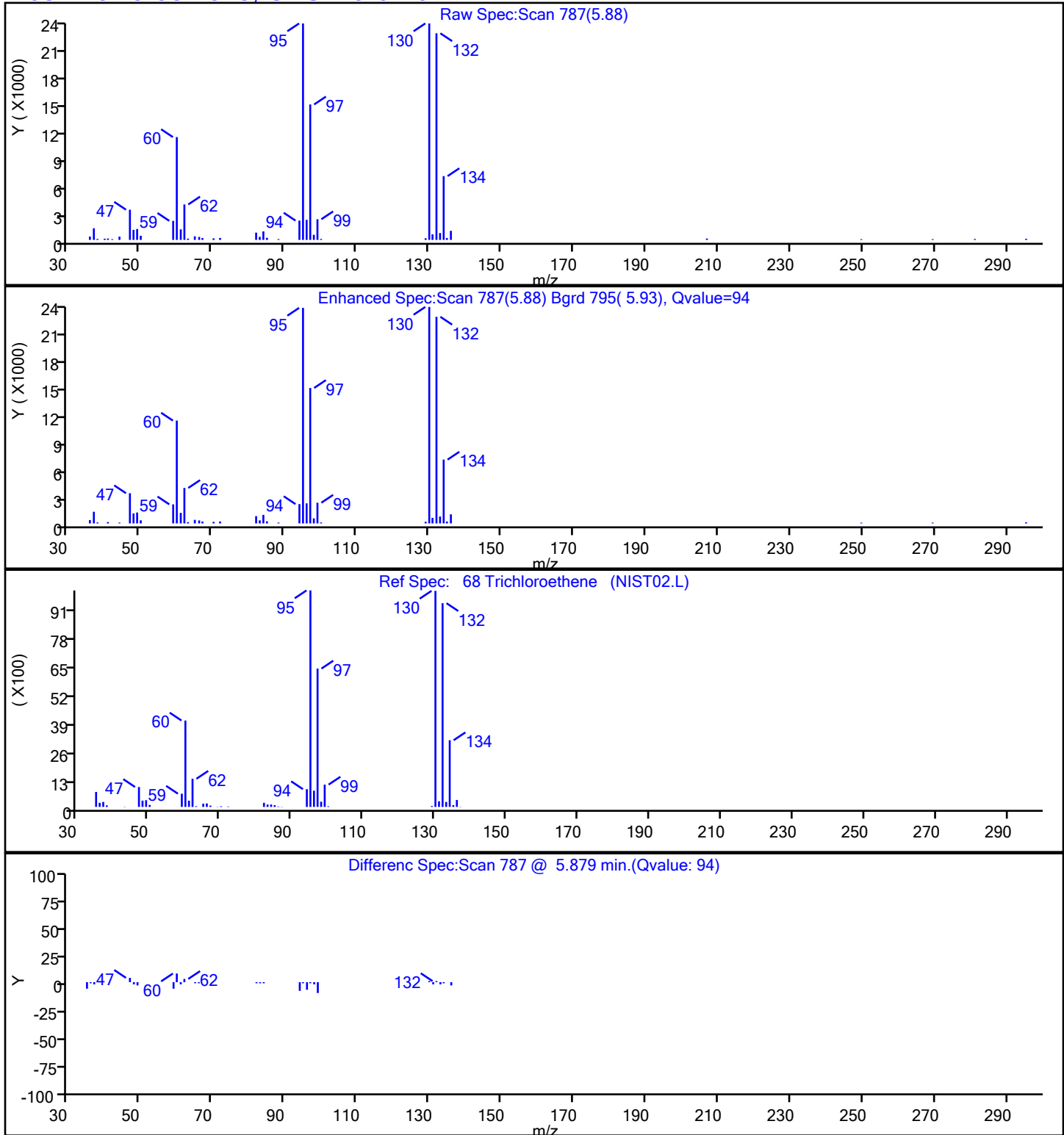
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D

Injection Date: 24-Feb-2022 05:39:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-8

Lab Sample ID: 460-252877-8

Client ID: LRF1-021822

Operator ID: VOA GC/MS1

ALS Bottle#: 29

Worklist Smp#: 32

Purge Vol: 5.000 mL

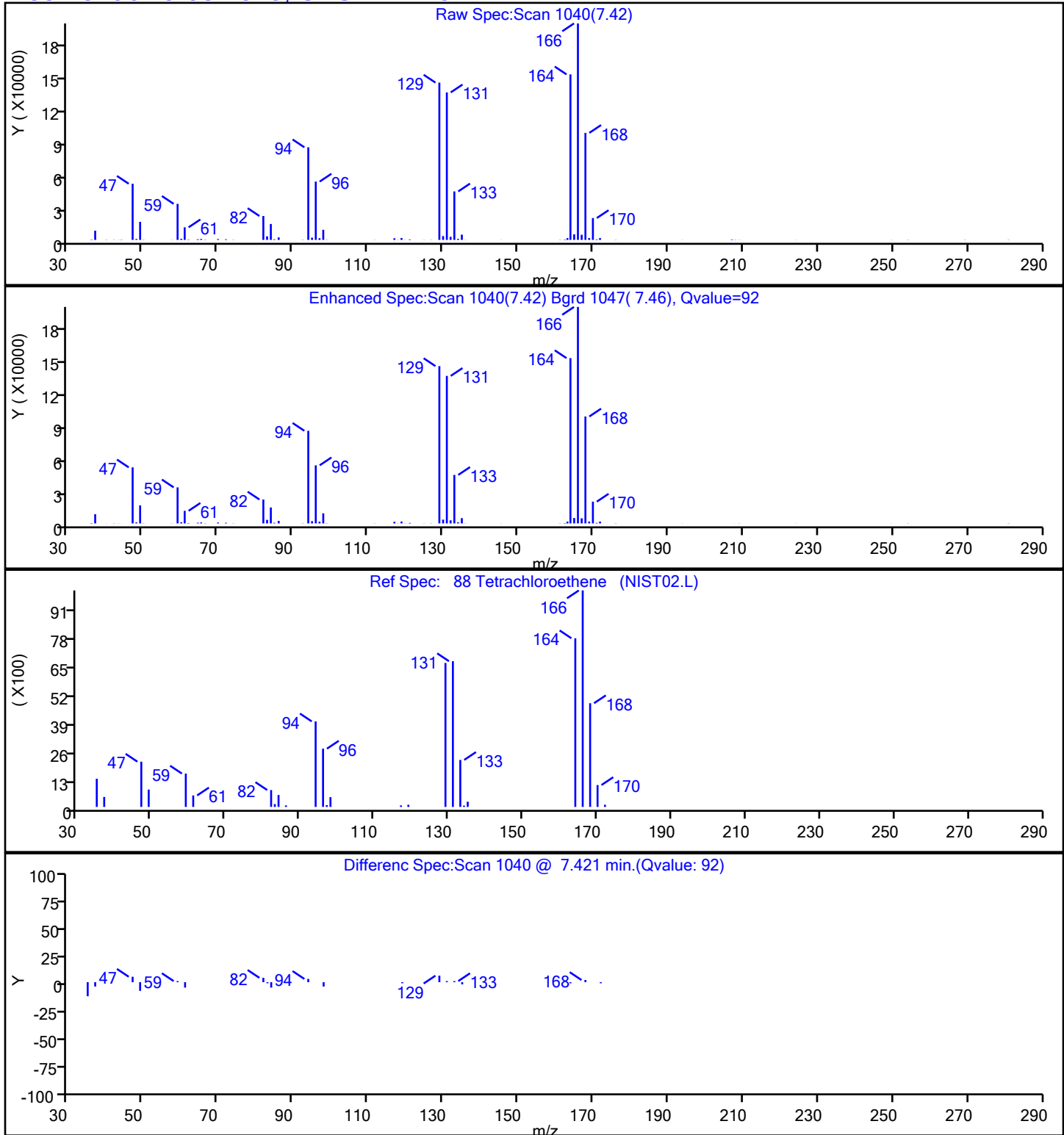
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D

Injection Date: 24-Feb-2022 05:39:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-8

Lab Sample ID: 460-252877-8

Client ID: LRF1-021822

Operator ID: VOA GC/MS1

ALS Bottle#:

29

Worklist Smp#: 32

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

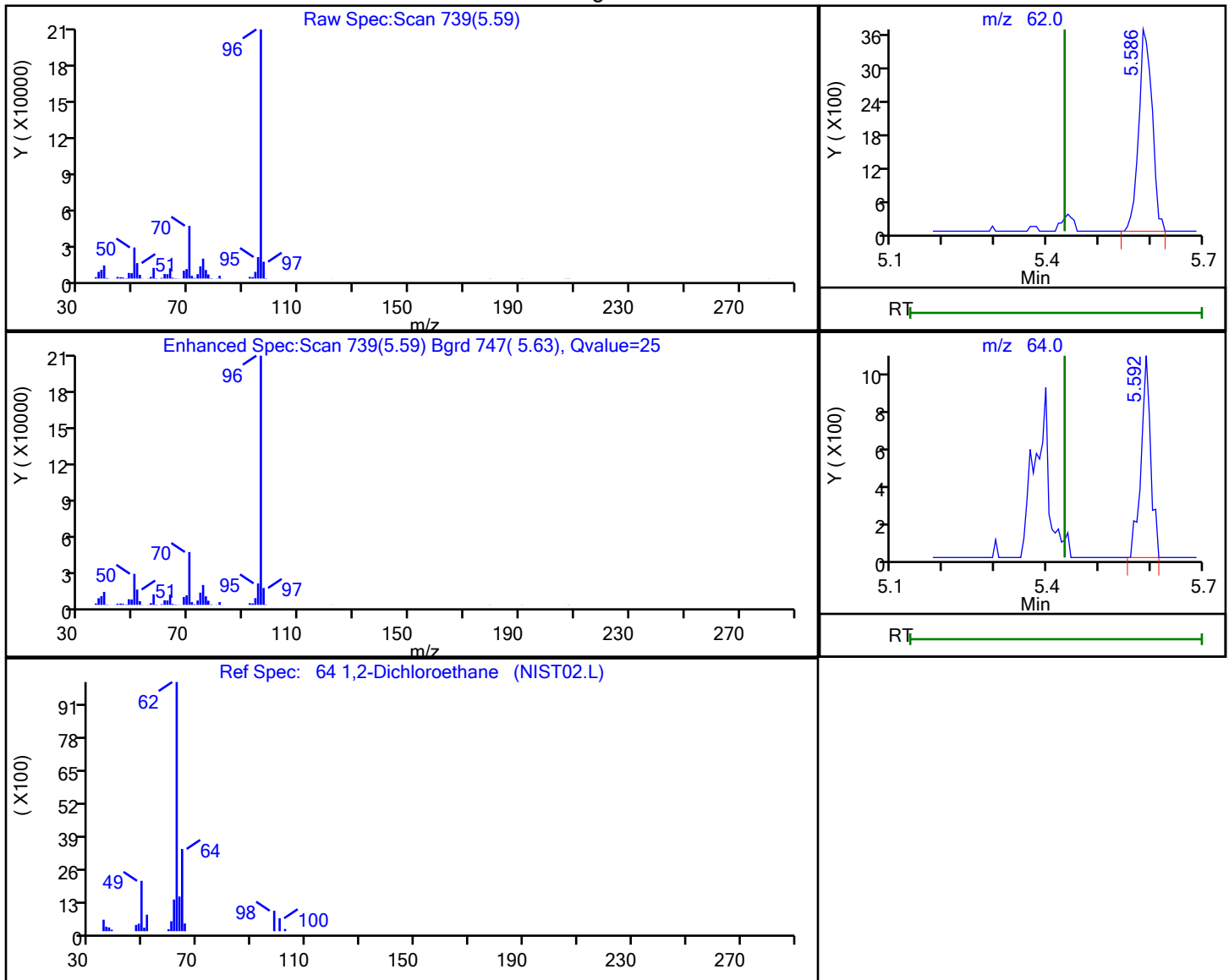
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.59	62.00	6501	2.155831
5.59	64.00	1318	

Reviewer: desais, 24-Feb-2022 09:43:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15512.D

Injection Date: 24-Feb-2022 05:39:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-8

Lab Sample ID: 460-252877-8

Client ID: LRF1-021822

Operator ID: VOA GC/MS1

ALS Bottle#:

29

Worklist Smp#: 32

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

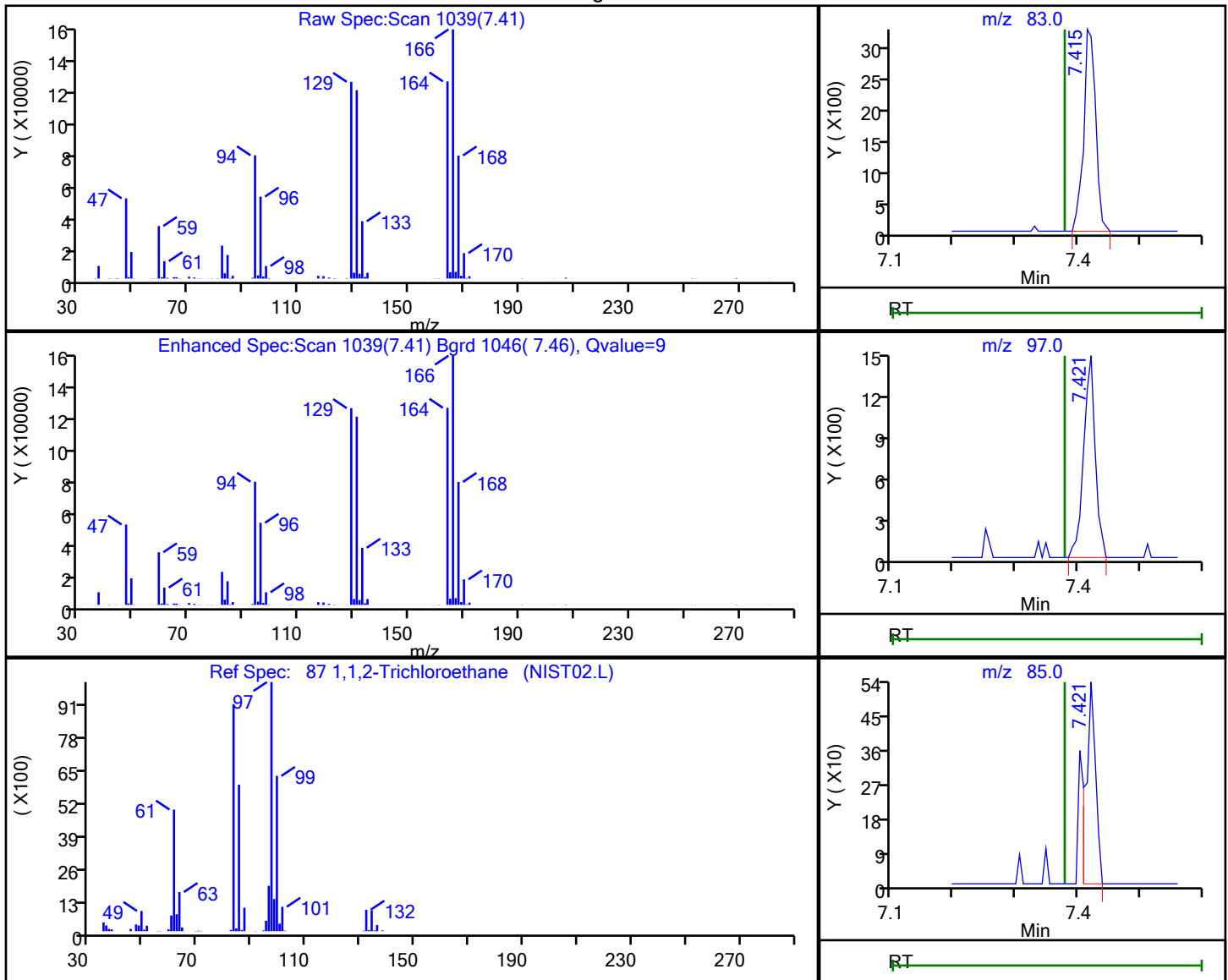
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.41	83.00	4387	2.778920
7.42	97.00	1933	
7.42	85.00	560	

Reviewer: desais, 24-Feb-2022 09:43:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>EB01-021822</u>	Lab Sample ID: <u>460-252877-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15596.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/18/2022 10:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/26/2022 09:01</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>830484</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	2.3		1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
 SDG No.: _____
 Client Sample ID: EB01-021822 Lab Sample ID: 460-252877-9
 Matrix: Water Lab File ID: A15596.D
 Analysis Method: 8260D Date Collected: 02/18/2022 10:10
 Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 09:01
 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.: 830484 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15596.D
 Lims ID: 460-252877-B-9
 Client ID: EB01-021822
 Sample Type: Client
 Inject. Date: 26-Feb-2022 09:01:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-9
 Misc. Info.: 460-0141938-009
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 10:16:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.666	3.672	-0.006	37	266170	1000.0	
31 Methylene Chloride	84	3.678	3.684	-0.006	32	9041	2.28	
* 42 2-Butanone-d5	46	4.678	4.684	-0.006	75	332287	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.080	0.000	95	136280	54.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	1	180175	47.8	
* 66 Fluorobenzene	96	5.580	5.586	-0.006	98	485110	50.0	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	1	28453	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	0	536758	50.0	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	90	323185	50.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	86	138243	51.4	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	97	174922	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15596.D

Injection Date: 26-Feb-2022 09:01:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-B-9

Lab Sample ID: 460-252877-9

Worklist Smp#: 9

Client ID: EB01-021822

Purge Vol: 5.000 mL

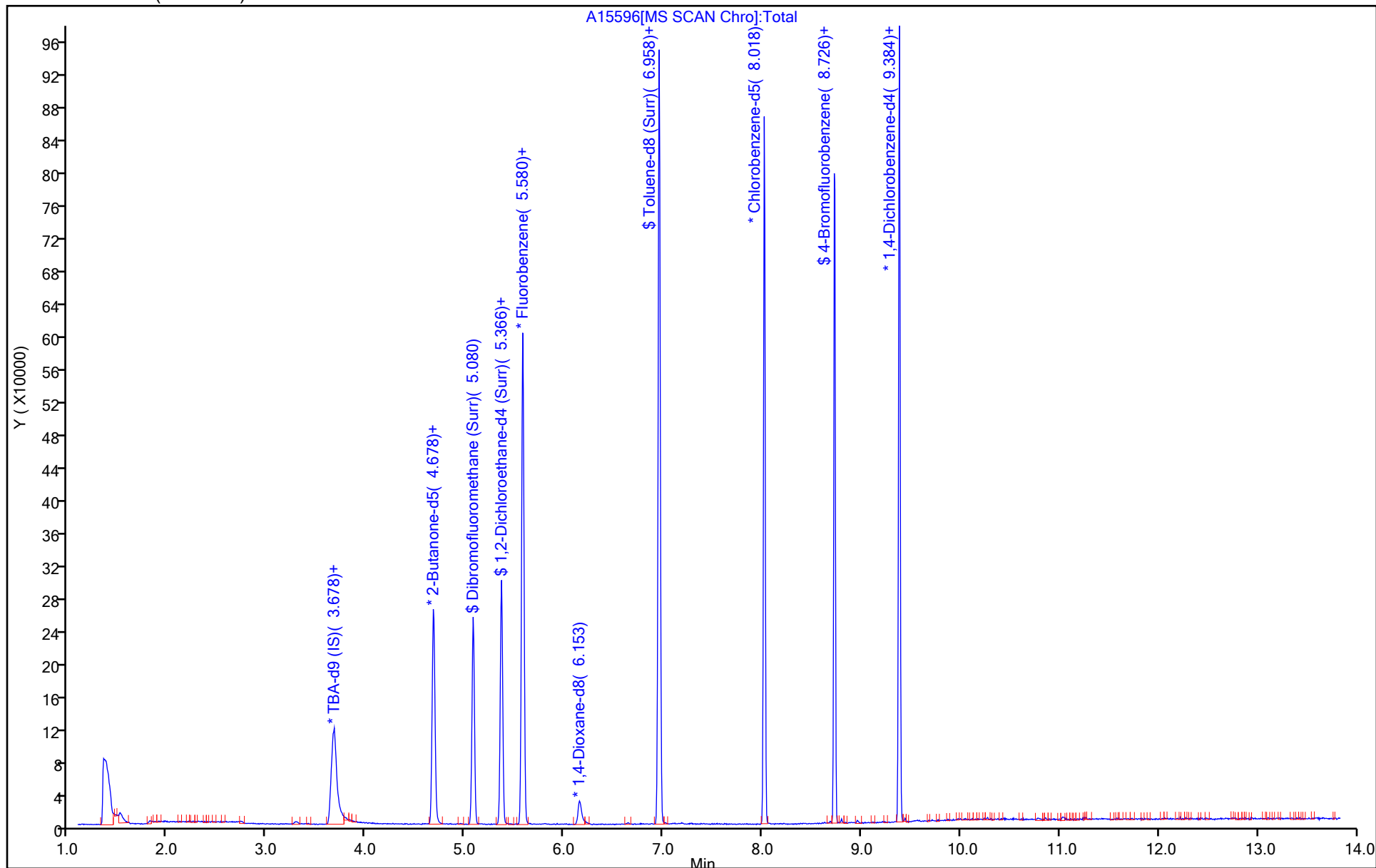
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15596.D
 Lims ID: 460-252877-B-9
 Client ID: EB01-021822
 Sample Type: Client
 Inject. Date: 26-Feb-2022 09:01:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-9
 Misc. Info.: 460-0141938-009
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 10:16:31

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.5	108.94
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.8	95.68
\$ 83 Toluene-d8 (Surr)	50.0	50.0	100.06
\$ 105 4-Bromofluorobenzene	50.0	51.4	102.74

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15596.D

Injection Date: 26-Feb-2022 09:01:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-9

Lab Sample ID: 460-252877-9

Client ID: EB01-021822

Operator ID: VOA GC/MS1

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

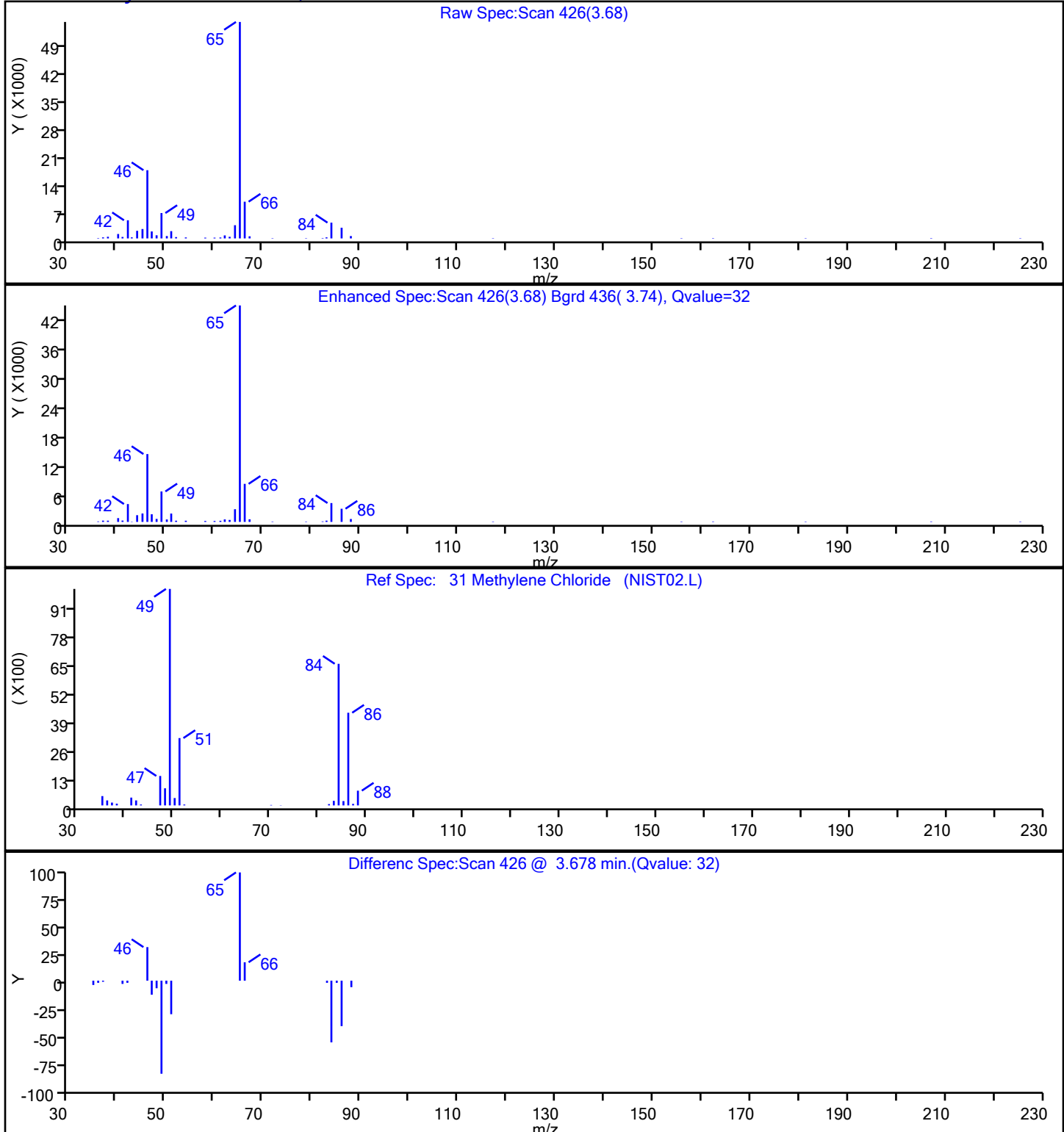
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15596.D

Injection Date: 26-Feb-2022 09:01:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-9

Lab Sample ID: 460-252877-9

Client ID: EB01-021822

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

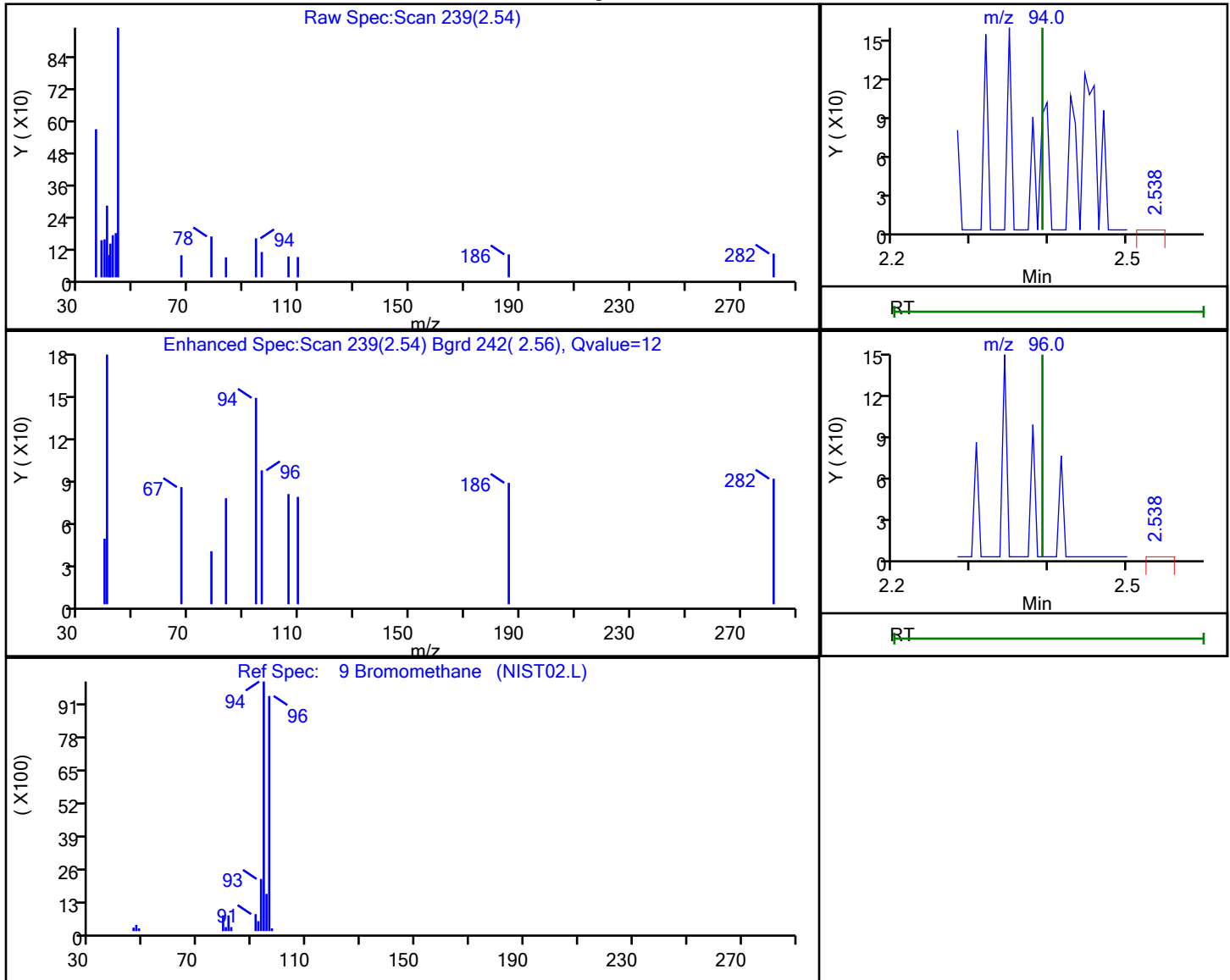
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.54	94.00	86	0.030503
2.54	96.00	65	

Reviewer: desais, 26-Feb-2022 10:16:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15596.D

Injection Date: 26-Feb-2022 09:01:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-9

Lab Sample ID: 460-252877-9

Client ID: EB01-021822

Operator ID: VOA GC/MS1

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

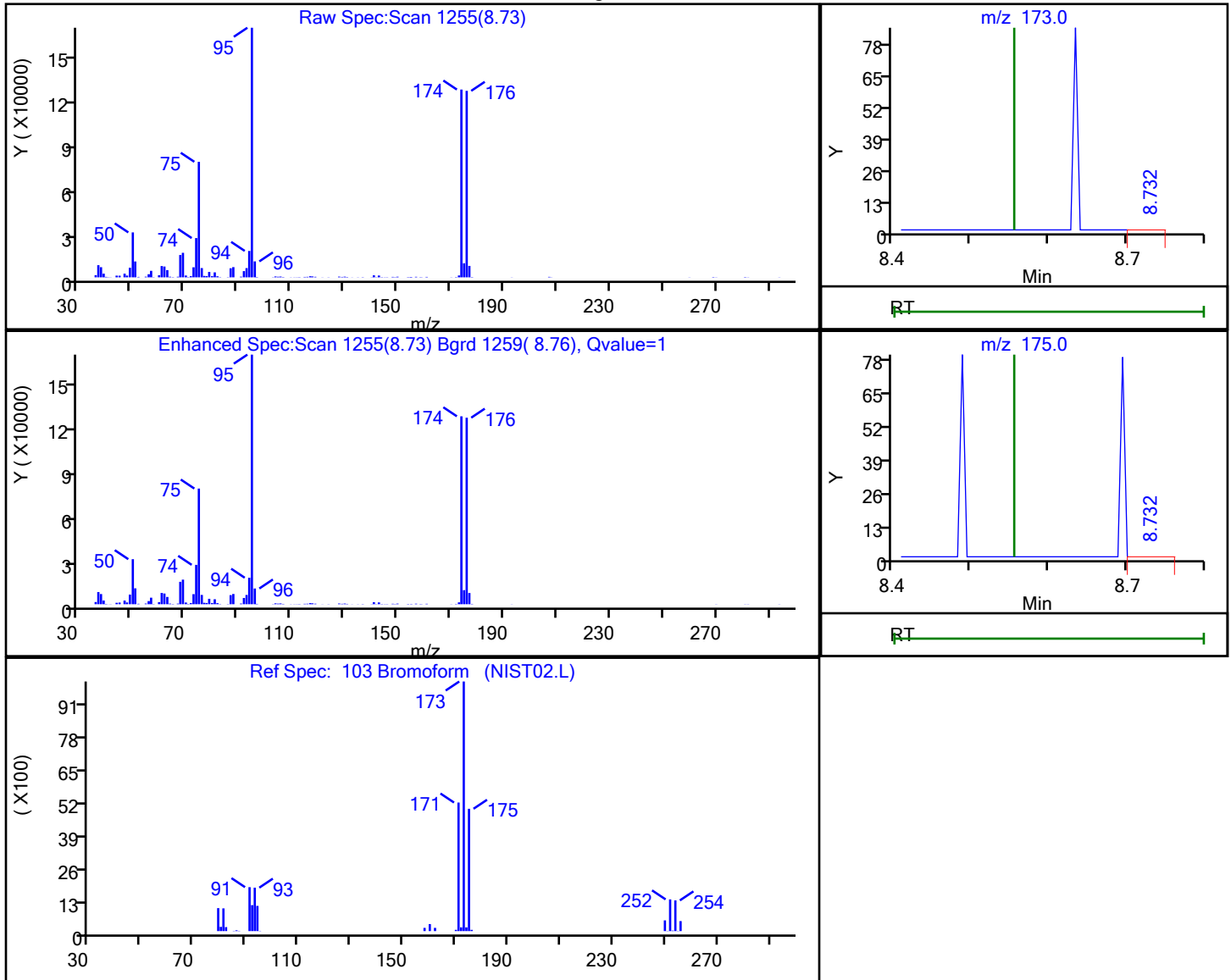
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.73	173.00	1241	1.754457
8.73	175.00	10384	

Reviewer: desais, 26-Feb-2022 10:16:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>TRIP BLANK</u>	Lab Sample ID: <u>460-252877-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15597.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/18/2022 10:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/26/2022 09:25</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>830484</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: TRIP BLANK Lab Sample ID: 460-252877-10
Matrix: Water Lab File ID: A15597.D
Analysis Method: 8260D Date Collected: 02/18/2022 10:10
Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 09:25
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.: 830484 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15597.D
 Lims ID: 460-252877-B-10
 Client ID: TRIP BLANK
 Sample Type: Client
 Inject. Date: 26-Feb-2022 09:25:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-B-10
 Misc. Info.: 460-0141938-010
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 10:16:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.684	3.672	0.012	10	252903	1000.0	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	76	332932	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.080	0.006	95	134082	54.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.367	5.366	0.000	1	181688	49.4	
* 66 Fluorobenzene	96	5.586	5.586	0.000	98	473300	50.0	
* 73 1,4-Dioxane-d8	96	6.159	6.153	0.006	1	28261	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	99	531106	50.7	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	89	315568	50.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	87	132822	50.5	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	97	168386	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15597.D

Injection Date: 26-Feb-2022 09:25:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-B-10

Lab Sample ID: 460-252877-10

Worklist Smp#: 10

Client ID: TRIP BLANK

Purge Vol: 5.000 mL

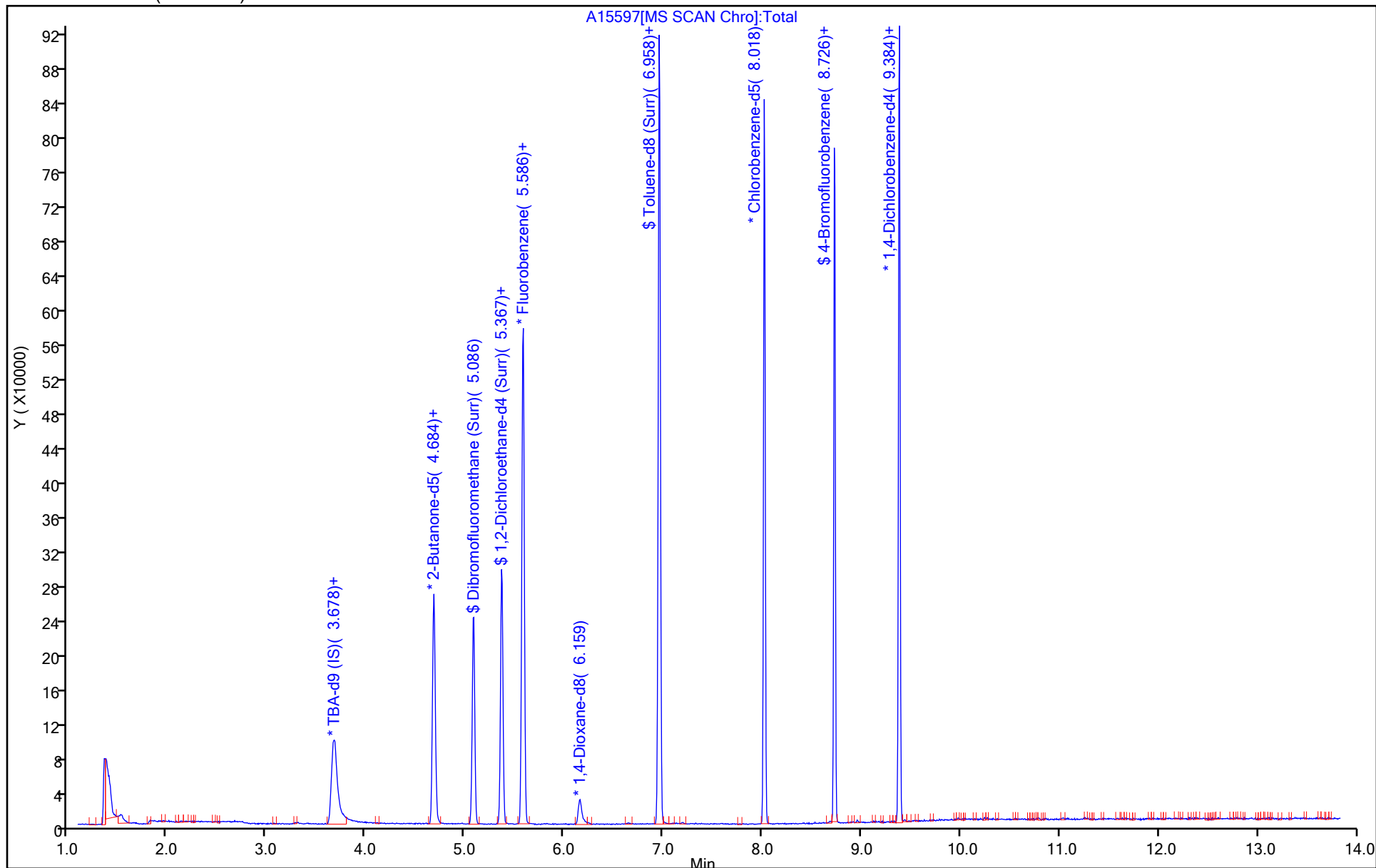
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15597.D
Lims ID: 460-252877-B-10
Client ID: TRIP BLANK
Sample Type: Client
Inject. Date: 26-Feb-2022 09:25:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-252877-B-10
Misc. Info.: 460-0141938-010
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 10:16:45

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.9	109.86
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.4	98.89
\$ 83 Toluene-d8 (Surr)	50.0	50.7	101.39
\$ 105 4-Bromofluorobenzene	50.0	50.5	101.09

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15597.D

Injection Date: 26-Feb-2022 09:25:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-10

Lab Sample ID: 460-252877-10

Client ID: TRIP BLANK

Operator ID: VOA GC/MS1

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

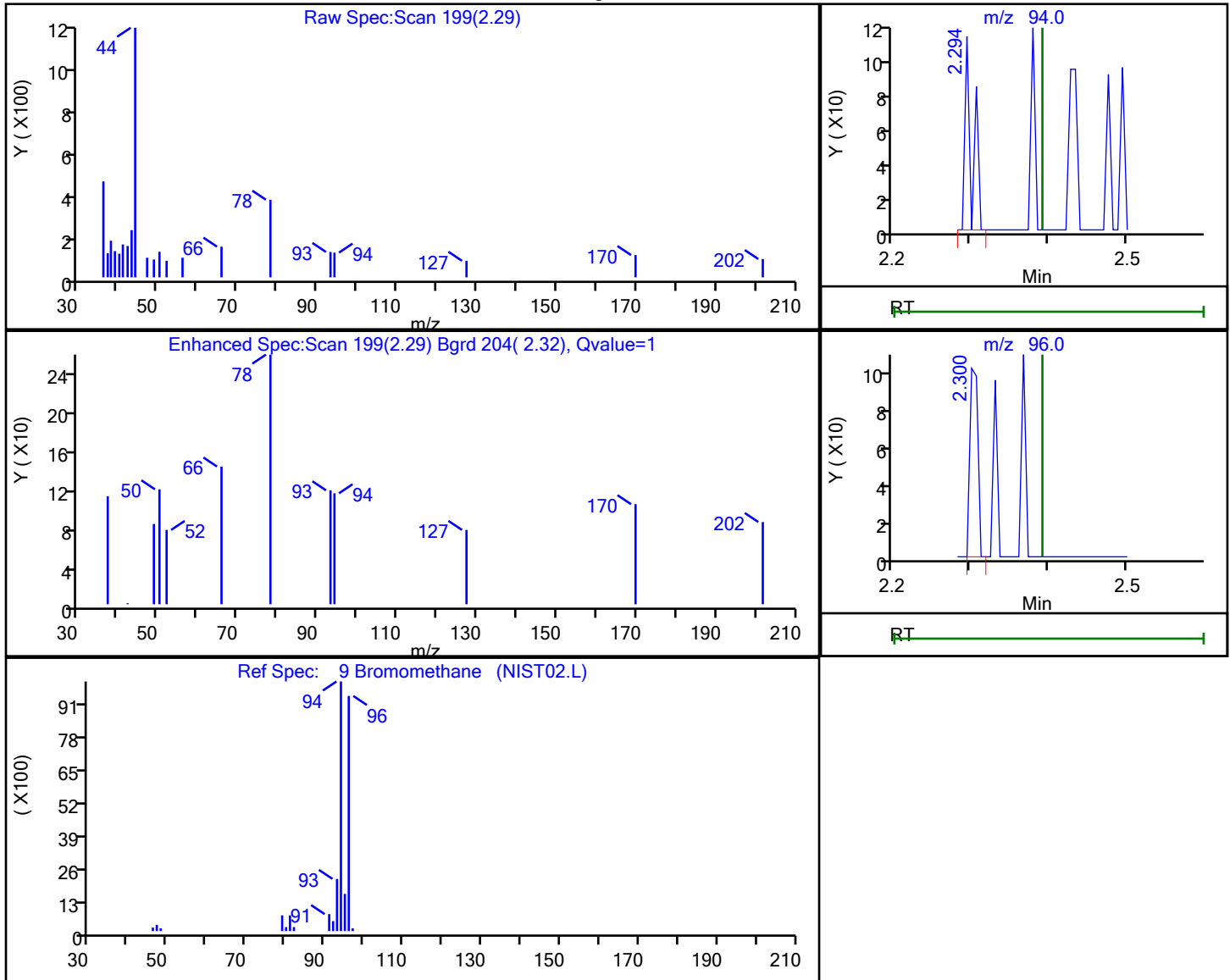
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.29	94.00	71	0.025811
2.30	96.00	69	

Reviewer: desais, 26-Feb-2022 10:16:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15597.D

Injection Date: 26-Feb-2022 09:25:30

Instrument ID: CVOAMS1

Lims ID: 460-252877-B-10

Lab Sample ID: 460-252877-10

Client ID: TRIP BLANK

Operator ID: VOA GC/MS1

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

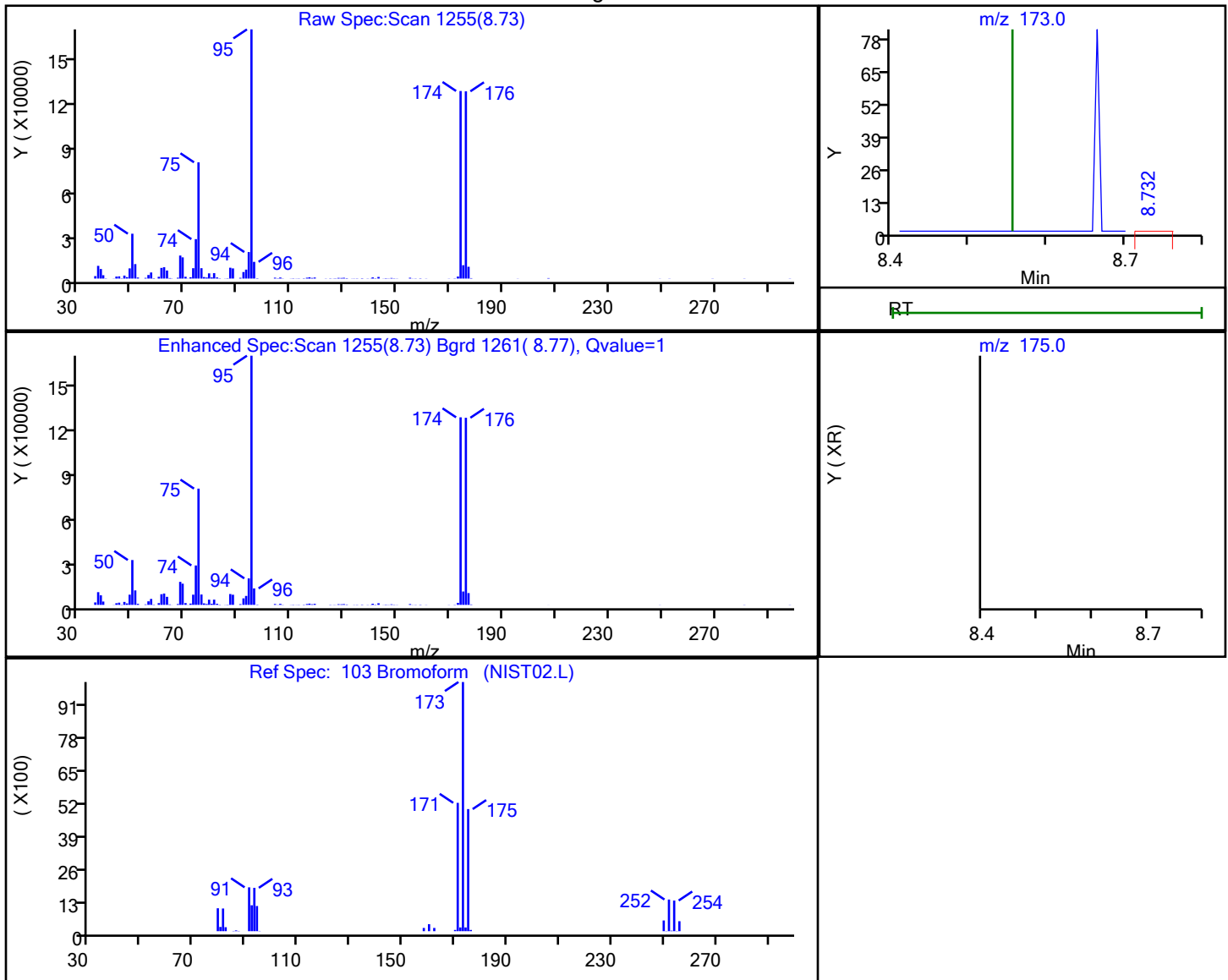
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.73	173.00	1383	1.993560
8.73	175.00	9880	

Reviewer: desais, 26-Feb-2022 10:16:41

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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-820619/3	A13129.D
Level 2	STD1 460-820619/4	A13130.D
Level 3	STD5 460-820619/5	A13131.D
Level 4	STD20 460-820619/6	A13132.D
Level 5	STD50 460-820619/7	A13133.D
Level 6	STD200 460-820619/8	A13134.D
Level 7	STD500 460-820619/9	A13135.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	++++ 0.1023	0.0748 0.1030	0.1068	0.1016	0.1070	Ave		0.099 2				12.3		20.0			
Dichlorodifluoromethane	++++ 0.4584	0.4790 0.4420	0.3819	0.4009	0.4370	Ave		0.433 2			0.1000	8.3		20.0			
Chlorodifluoromethane	++++ 0.2787	0.2954 0.2875	0.2925	0.2907	0.3310	Ave		0.296 0				6.1		20.0			
Chloromethane	++++ 0.4538	0.4848 0.4386	0.4449	0.4288	0.4385	Ave		0.448 3			0.1000	4.4		20.0			
Vinyl chloride	++++ 0.4782	0.5023 0.4705	0.4186	0.4378	0.4606	Ave		0.461 3			0.1000	6.4		20.0			
Butadiene	++++ 0.5179	0.4724 0.5022	0.5215	0.5062	0.5156	Ave		0.506 0				3.6		20.0			
Bromomethane	++++ 0.3705	0.3403 0.3822	0.3122	0.3313	0.3911	Ave		0.354 6			0.1000	8.8		20.0			
Chloroethane	++++ 0.2924	0.3127 0.3092	0.2724	0.2885	0.3041	Ave		0.296 6			0.1000	5.1		20.0			
Dichlorofluoromethane	++++ 0.5717	0.6510 0.5493	0.6669	0.5380	0.5810	Ave		0.593 0				9.0		20.0			
Trichlorofluoromethane	++++ 0.5315	0.6378 0.5078	0.5811	0.4934	0.5432	Ave		0.549 1			0.1000	9.6		20.0			
Pentane	++++ 2.0882	2.6240 2.0584	2.7296	2.0710	2.0883	Ave		2.276 6				13.7		20.0			
Ethanol	++++ 0.0643	0.0749 0.0661	0.0536	0.0702	0.0645	Ave		0.065 6				10.9		20.0			
Ethyl ether	++++ 0.2060	0.2346 0.2153	0.2238	0.2202	0.2204	Ave		0.220 1				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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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-Methyl-1,3-butadiene	++++ 0.2488	0.2776 0.2593	0.2520	0.2555	0.2648	Ave		0.259 7				4.0		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2671	0.2042 0.2664	0.2462	0.2687	0.2546	Ave		0.251 2				9.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.4029	0.4088 0.4068	0.4026	0.4277	0.4151	Ave		0.410 7				2.3		20.0			
Acrolein	++++ 1.1573	1.4942 1.1917	0.9070	1.1774	1.1072	Ave		1.172 4				16.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2980	0.3202 0.3074	0.3283	0.3267	0.3245	Ave		0.317 5			0.1000	3.8		20.0			
1,1-Dichloroethene	++++ 0.2671	0.3148 0.2746	0.2965	0.2893	0.2877	Ave		0.288 3			0.1000	5.8		20.0			
Acetone	++++ 0.2124	0.3236 0.2063	0.2516	0.2285	0.2366	Ave		0.243 2			0.0500	17.5		20.0			
Iodomethane	++++ 0.5038	0.5233 0.5008	0.5035	0.5358	0.5429	Ave		0.518 4				3.5		20.0			
Isopropyl alcohol	++++ 0.7068	0.7724 0.7068	0.7125	0.6793	0.7242	Ave		0.717 0				4.3		20.0			
Carbon disulfide	++++ 0.9357	1.0103 0.9417	0.9653	0.9884	1.0174	Ave		0.976 5			0.1000	3.5		20.0			
3-Chloro-1-propene	++++ 0.1670	0.1869 0.1773	0.1770	0.1715	0.1736	Ave		0.175 5				3.8		20.0			
Methyl acetate	++++ 0.1801	0.2114 0.1920	0.2030	0.1887	0.1932	Ave		0.194 7			0.1000	5.7		20.0			
Cyclopentene	++++ 0.6506	0.6851 0.6570	0.6483	0.6925	0.6912	Ave		0.670 8				3.1		20.0			
Acetonitrile	++++ 1.2293	1.0760 1.1641	0.8969	1.1443	1.2851	Ave		1.132 6				12.0		20.0			
Methylene Chloride	++++ 0.2931	0.3038 0.2985	0.2965	0.3112	0.3181	Ave		0.303 5			0.1000	3.1		20.0			
2-Methyl-2-propanol	++++ 1.1377	0.9980 1.1189	0.9967	1.1515	1.1567	Ave		1.093 2				6.9		20.0			
Methyl tert-butyl ether	++++ 0.7414	0.7828 0.7493	0.7794	0.7970	0.8155	Ave		0.777 6			0.1000	3.6		20.0			
trans-1,2-Dichloroethene	++++ 0.2864	0.2630 0.2944	0.2977	0.2967	0.3019	Ave		0.290 0			0.1000	4.9		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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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								
Acrylonitrile	0.0944 0.0953	0.0987 0.0960	0.1015	0.1016	0.1025	Ave		0.098 6				3.4		20.0			
Hexane	++++ 0.2348	0.2595 0.2446	0.2698	0.2661	0.2589	Ave		0.255 6				5.2		20.0			
Isopropyl ether	++++ 0.8336	0.9788 0.8372	0.8635	0.8983	0.9077	Ave		0.886 5				6.1		20.0			
1,1-Dichloroethane	++++ 0.4845	0.4688 0.5096	0.4986	0.4990	0.5085	Ave		0.494 8		0.2000		3.2		20.0			
Vinyl acetate	++++ 2.6424	2.4880 2.6989	2.4081	2.6396	2.4981	Ave		2.562 5				4.4		20.0			
2-Chloro-1,3-butadiene	++++ 0.2484	0.2796 0.2560	0.2442	0.2555	0.2651	Ave		0.258 1				4.9		20.0			
tert-butyl ethyl ether	++++ 0.7502	0.8741 0.7323	0.8221	0.8167	0.8389	Ave		0.805 7				6.7		20.0			
2,2-Dichloropropane	++++ 0.0966	0.0731 0.1009	0.1015	0.0994	0.1015	Ave		0.095 5				11.7		20.0			
cis-1,2-Dichloroethene	++++ 0.3049	0.4018 0.3268	0.3131	0.3240	0.3212	Ave		0.332 0		0.1000		10.6		20.0			
2-Butanone (MEK)	++++ 0.2857	0.3735 0.2870	0.3075	0.2915	0.2942	Ave		0.306 6		0.0500		11.0		20.0			
Ethyl acetate	++++ 0.2741	0.3020 0.2775	0.2652	0.2880	0.2723	Ave		0.279 8				4.7		20.0			
Methyl acrylate	++++ 0.2171	0.3423 0.2263	0.2296	0.2227	0.2335	Ave		0.245 2				19.5		20.0			
Propionitrile	++++ 1.4698	1.7065 1.4492	1.3585	1.5055	1.5000	Ave		1.498 2				7.7		20.0			
Tetrahydrofuran	++++ 0.3317	0.7199 0.3380	0.3978	0.3524	0.3478	QuaF		0.330 9	0.0000069						1.0000		0.9900
Chlorobromomethane	++++ 0.1623	0.1734 0.1750	0.1588	0.1596	0.1663	Ave		0.165 9				4.2		20.0			
Methacrylonitrile	++++ 0.1105	0.1127 0.1121	0.1066	0.1117	0.1124	Ave		0.111 0				2.1		20.0			
Chloroform	++++ 0.4838	0.4761 0.5195	0.4915	0.4841	0.4939	Ave		0.491 5		0.2000		3.1		20.0			
Cyclohexane	++++ 0.5121	0.5424 0.5313	0.5399	0.5415	0.5458	Ave		0.535 5		0.1000		2.3		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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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								
1,1,1-Trichloroethane	++++ 0.4519	0.4817 0.4677	0.4513	0.4644	0.4762	Ave		0.465 5			0.1000	2.7		20.0			
Carbon tetrachloride	++++ 0.3936	0.4275 0.4085	0.3772	0.4021	0.4094	Ave		0.403 0			0.1000	4.2		20.0			
1,1-Dichloropropene	++++ 0.3682	0.3976 0.3841	0.3687	0.3822	0.3881	Ave		0.381 5				3.0		20.0			
Isobutyl alcohol	++++ 0.4648	0.5604 0.4599	0.4762	0.4620	0.4715	Ave		0.482 5				8.0		20.0			
Isooctane	++++ 1.0649	1.0795 1.0914	0.9875	1.0607	1.1174	Ave		1.066 9				4.1		20.0			
Benzene	++++ 1.3983	1.5099 1.3302	1.4869	1.5090	1.5112	Ave		1.457 6			0.5000	5.2		20.0			
Isopropyl acetate	++++ 0.1036	0.4342 0.1109	0.1588	0.1136	0.1106	QuaF		0.100 7	0.0000202						1.0000		0.9900
Tert-amyl methyl ether	++++ 0.2412	0.3068 0.2440	0.2493	0.2598	0.2646	Ave		0.261 0				9.3		20.0			
1,2-Dichloroethane	++++ 0.3462	0.3795 0.3630	0.3649	0.3632	0.3660	Ave		0.363 8			0.1000	2.9		20.0			
n-Heptane	++++ 0.2389	0.2477 0.2473	0.2618	0.2594	0.2620	Ave		0.252 8				3.8		20.0			
n-Butanol	++++ 0.2965	0.3154 0.3029	0.2752	0.2953	0.2970	Ave		0.297 0				4.4		20.0			
Trichloroethene	++++ 0.2750	0.3184 0.2841	0.2829	0.2871	0.2892	Ave		0.289 4			0.2000	5.2		20.0			
Ethyl acrylate	++++ 0.0273	0.0479 0.0275	0.0310	0.0335	0.0276	Lin2	0.019 5	0.028 3							0.9940		0.9900
Methylcyclohexane	++++ 0.5325	0.5952 0.5500	0.5395	0.5504	0.5748	Ave		0.557 1			0.1000	4.2		20.0			
1,2-Dichloropropane	++++ 0.2576	0.2566 0.2702	0.2789	0.2698	0.2701	Ave		0.267 2			0.1000	3.2		20.0			
Methyl methacrylate	++++ 0.1728	0.1456 0.1807	0.1610	0.1712	0.1773	Ave		0.168 1				7.7		20.0			
n-Propyl acetate	++++ 0.3483	0.3776 0.3602	0.3537	0.3648	0.3665	Ave		0.361 8				2.8		20.0			
1,4-Dioxane	++++ 0.9364	1.1828 0.9412	1.2929	1.1806	1.1540	Ave		1.114 6				12.9		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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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								
Dibromomethane	++++ 0.1690	0.2062 0.1765	0.1750	0.1758	0.1736	Ave		0.179 3				7.5		20.0			
Bromodichloromethane	++++ 0.3421	0.3303 0.3569	0.3143	0.3347	0.3462	Ave		0.337 4			0.2000	4.3		20.0			
2-Chloroethyl vinyl ether	++++ 0.1588	0.1584 0.1679	0.1611	0.1621	0.1643	Ave		0.162 1				2.2		20.0			
2-Nitropropane	++++ 0.0713	0.1076 0.0780	0.0752	0.0686	0.0689	Ave		0.078 3				18.9		20.0			
Epichlorohydrin	0.2495 0.2307	0.2099 0.2243	0.2252	0.2340	0.2417	Ave		0.230 8				5.6		20.0			
cis-1,3-Dichloropropene	++++ 0.5619	0.5694 0.5564	0.5574	0.5797	0.5845	Ave		0.568 2			0.2000	2.1		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.2967	2.4198 2.0177	2.2546	2.3566	2.4408	Ave		2.297 7			0.0500	6.7		20.0			
Toluene	++++ 1.4452	1.6806 1.3117	1.5007	1.5798	1.5804	Ave		1.516 4			0.4000	8.5		20.0			
Ethyl methacrylate	++++ 0.3275	0.3434 0.3532	0.3191	0.3304	0.3357	Ave		0.334 9				3.6		20.0			
trans-1,3-Dichloropropene	++++ 0.5198	0.5140 0.5402	0.5125	0.5200	0.5312	Ave		0.522 9			0.1000	2.0		20.0			
1,1,2-Trichloroethane	++++ 0.2478	0.2900 0.2534	0.2608	0.2671	0.2645	Ave		0.263 9			0.1000	5.5		20.0			
Tetrachloroethene	++++ 0.3994	0.4229 0.3987	0.3806	0.4158	0.4278	Ave		0.407 5			0.2000	4.4		20.0			
1,3-Dichloropropane	++++ 0.5057	0.5247 0.5192	0.5137	0.5148	0.5225	Ave		0.516 8				1.3		20.0			
2-Hexanone	++++ 0.7900	0.8102 0.7903	0.7254	0.7846	0.8206	Ave		0.786 8			0.0500	4.2		20.0			
n-Butyl acetate	++++ 0.0836	0.1245 0.0848	0.0988	0.0922	0.0914	Ave		0.095 9				15.7		20.0			
Chlorodibromomethane	++++ 0.3442	0.3548 0.3616	0.3190	0.3335	0.3468	Ave		0.343 3			0.1000	4.5		20.0			
Ethylene Dibromide	++++ 0.3138	0.3206 0.3159	0.3308	0.3290	0.3332	Ave		0.323 9			0.1000	2.5		20.0			
Chlorobenzene	++++ 0.9671	0.9881 0.9180	0.9369	1.0193	1.0227	Ave		0.975 4			0.5000	4.4		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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								
Ethylbenzene	++++ 0.5535	0.5850 0.5824	0.5660	0.5694	0.5765	Ave		0.572 1			0.1000	2.0		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4049	0.3974 0.4212	0.3710	0.4025	0.4166	Ave		0.402 3				4.4		20.0			
m-Xylene & p-Xylene	++++ 0.6624	0.6997 0.6693	0.7003	0.6902	0.7096	Ave		0.688 6			0.1000	2.7		20.0			
n-Butyl acrylate	++++ 0.2384	0.2635 0.2427	0.2483	0.2597	0.2580	Ave		0.251 8				4.0		20.0			
o-Xylene	++++ 0.6888	0.6890 0.7050	0.6900	0.7190	0.7345	Ave		0.704 4			0.3000	2.7		20.0			
Styrene	++++ 1.0815	1.0500 1.0485	1.0917	1.1470	1.1534	Ave		1.095 3			0.3000	4.2		20.0			
Amyl acetate (mixed isomers)	++++ 0.9888	1.2520 0.9289	1.1151	1.0713	1.0920	Ave		1.074 7				10.4		20.0			
Bromoform	++++ 0.2420	0.2297 0.2561	0.2207	0.2281	0.2386	Ave		0.235 9			0.1000	5.3		20.0			
Isopropylbenzene	++++ 1.7199	1.8017 1.4017	1.7732	1.8945	1.9266	Ave		1.752 9			0.1000	10.7		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7267	0.7237 0.7337	0.7158	0.7280	0.7541	Ave		0.730 3			0.3000	1.8		20.0			
Bromobenzene	++++ 0.7688	0.8079 0.7841	0.7451	0.7721	0.7949	Ave		0.778 8				2.8		20.0			
N-Propylbenzene	++++ 3.3224	3.3980 2.5742	3.4600	3.6483	3.7277	Ave		3.355 1				12.3		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.1887	0.0998 0.2218	0.1001	0.1316	0.1607	QuaF		0.164 1	0.0001156						1.0000		0.9900
1,2,3-Trichloropropane	++++ 0.2157	0.2454 0.2233	0.2245	0.2247	0.2263	Ave		0.226 6				4.4		20.0			
4-Ethyltoluene	++++ 2.8378	2.8373 2.3008	2.8943	3.0648	3.1221	Ave		2.842 9				10.2		20.0			
2-Chlorotoluene	++++ 2.6179	2.3594 2.4543	2.6186	2.7192	2.8116	Ave		2.596 8				6.4		20.0			
1,3,5-Trimethylbenzene	++++ 2.6190	2.5295 2.2620	2.5079	2.7269	2.8185	Ave		2.577 3				7.5		20.0			
Butyl Methacrylate	++++ 0.8925	0.8996 0.8885	0.8461	0.8897	0.9269	Ave		0.890 5				2.9		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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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								
4-Chlorotoluene	++++ 2.0011	2.1148 1.7962	2.0026	2.1169	2.1734	Ave		2.034 2				6.6		20.0			
tert-Butylbenzene	++++ 2.2852	2.0628 1.9756	2.0804	2.3053	2.3970	Ave		2.184 4				7.6		20.0			
1,2,4-Trimethylbenzene	++++ 2.5972	2.5033 2.1662	2.5807	2.7308	2.8367	Ave		2.569 1				9.0		20.0			
sec-Butylbenzene	++++ 0.7747	1.1268 0.7678	0.7621	0.7757	0.7998	Ave		0.834 5				17.2		20.0			
4-Isopropyltoluene	++++ 2.9367	3.2553 2.3533	3.0224	3.1151	3.2397	Ave		2.987 1				11.2		20.0			
1,3-Dichlorobenzene	++++ 1.4602	1.5282 1.3598	1.4587	1.5632	1.5723	Ave		1.490 4			0.6000	5.4		20.0			
1,4-Dichlorobenzene	++++ 1.5282	1.5811 1.5383	1.5010	1.5477	1.5942	Ave		1.548 4			0.5000	2.2		20.0			
1,2,3-Trimethylbenzene	++++ 2.8884	2.7177 2.4094	2.8305	2.9578	3.0658	Ave		2.811 6				8.2		20.0			
Benzyl chloride	++++ 1.3265	1.2809 1.2335	1.3719	1.4279	1.4557	Ave		1.349 4				6.3		20.0			
Indan	++++ 2.9014	2.8434 2.4739	2.9277	3.0441	3.1246	Ave		2.885 9				7.8		20.0			
p-Diethylbenzene	++++ 1.7703	1.6142 1.7516	1.6822	1.7590	1.8339	Ave		1.735 2				4.4		20.0			
n-Butylbenzene	++++ 1.5597	1.5098 1.5630	1.5685	1.5781	1.6587	Ave		1.573 0				3.1		20.0			
1,2-Dichlorobenzene	++++ 1.4614	1.4545 1.3618	1.5052	1.5389	1.5809	Ave		1.483 8			0.4000	5.1		20.0			
1,2,4,5-Tetramethylbenzene	++++ 2.9023	2.7135 2.4161	2.9081	3.0197	3.1539	Ave		2.852 3				9.1		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1823	0.1962 0.1789	0.1780	0.1825	0.1894	Ave		0.184 5			0.0500	3.8		20.0			
1,3,5-Trichlorobenzene	++++ 1.3176	1.2455 1.2102	1.3214	1.3829	1.4344	Ave		1.318 7				6.3		20.0			
1,2,4-Trichlorobenzene	++++ 1.2240	1.0890 1.1265	1.2204	1.2495	1.3292	Ave		1.206 4			0.2000	7.2		20.0			
Hexachlorobutadiene	++++ 0.6418	0.5801 0.6065	0.5607	0.6392	0.6751	Ave		0.617 3				6.9		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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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								
Naphthalene	++++ 2.5526	2.5127 2.2169	2.7455	2.7278	2.8359	Ave		2.598 6				8.6		20.0			
1,2,3-Trichlorobenzene	++++ 1.0948	1.0223 0.9922	1.0717	1.1223	1.1969	Ave		1.083 3				6.7		20.0			
Dibromofluoromethane (Surr)	0.2811 0.2784	0.2811 0.3024	0.2744	0.2809	0.2774	Ave		0.282 2				3.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3147 0.3397	0.3204 0.4111	0.3153	0.3140	0.3145	Ave		0.332 8				10.7		20.0			
Toluene-d8 (Surr)	1.4014 1.3459	1.4052 1.3326	1.3880	1.4003	1.3756	Ave		1.378 4				2.1		20.0			
4-Bromofluorobenzene	0.4662 0.4500	0.4611 0.4517	0.4707	0.4746	0.4600	Ave		0.462 1				2.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-820619/3	A13129.D
Level 2	STD1 460-820619/4	A13130.D
Level 3	STD5 460-820619/5	A13131.D
Level 4	STD20 460-820619/6	A13132.D
Level 5	STD50 460-820619/7	A13133.D
Level 6	STD200 460-820619/8	A13134.D
Level 7	STD500 460-820619/9	A13135.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	Ave	++++ 221971	751 550191	5249	21607	55952	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 994923	4808 2361683	18766	85290	228427	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 604962	2965 1536034	14375	61840	173010	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 985042	4867 2343521	21864	91216	229223	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1037862	5042 2513595	20571	93119	240763	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	++++ 1124154	4742 2683156	25627	107671	269523	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 804165	3416 2041804	15343	70474	204462	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 634620	3139 1652147	13384	61371	158978	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1240909	6535 2934655	32773	114447	303721	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1153572	6402 2713313	28554	104954	283972	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 217616	1331 551437	7064	21916	55463	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	++++ 134001	760 354046	2773	14850	34240	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++	2355	10997	46844	115184	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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
			447189	1150452				200	500			
2-Methyl-1,3-butadiene	FB	Ave	++++ 540077	2787 1385125	12383	54346	138409	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 579640	2050 1423356	12096	57154	133062	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 874571	4104 2173688	19784	90976	216981	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 61146	1537 129490	4760	12634	29817	++++ 203	4.06 406	20.3	40.6	101
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 646708	3214 1642195	16135	69494	169635	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 579764	3160 1466961	14572	61538	150390	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 239399	1760 615482	6737	25398	64624	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 1093544	5253 2675452	24744	113968	283801	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 368296	1959 946796	9220	35944	96172	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 2031023	10142 5031514	47436	210258	531814	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 362449	1876 947011	8696	36478	90744	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 781773	4245 2051464	19952	80262	202025	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1412099	6877 3509929	31856	147313	361293	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 640557	2729 1559338	11606	60547	170656	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++	3050	14568	66206	166269	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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
			636115	1594895				200	500			
2-Methyl-2-propanol	TBAd 9	Ave	++++ 592800	2531 1498742	12897	60929	153603	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1609145	7858 4003284	38302	169530	426260	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 621544	2640 1573072	14627	63114	157802	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1918 2068639	9911 5128222	49881	216026	536036	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 509687	2605 1306882	13259	56615	135352	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1809373	9825 4473125	42432	191085	474477	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1051639	4706 2722775	24503	106144	265799	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	TBAd 9	Ave	++++ 275375	1262 723011	6232	27933	66349	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 539080	2807 1367571	11998	54360	138557	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1628333	8774 3912255	40400	173734	438539	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 209666	734 539294	4990	21141	53050	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 661800	4033 1745768	15385	68925	167902	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 321895	2031 856151	8232	32395	80377	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 123552	657 331107	2840	12802	29751	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	++++ 471152	3436 1208989	11281	47373	122044	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 765844	4328 1941123	17578	79660	199200	++++ 2000	10.0 5000	50.0	200	500

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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
Tetrahydrofuran	BUT	QuaF	++++ 149530	1566 403249	4260	15666	38004	++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	++++ 352330	1741 934859	7804	33960	86948	++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	++++ 2398582	11313 5987065	52366	237547	587539	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1050140	4779 2775312	24154	102977	258152	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1111586	5445 2838634	26531	115184	285317	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 980817	4835 2498735	22177	98780	248929	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 854282	4291 2182582	18537	85526	213988	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 799252	3991 2052200	18117	81292	202846	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 605516	3553 1539993	15404	61107	156528	++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	++++ 2311337	10836 5830886	48526	225633	584118	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 2285822	10814 5552611	52200	232895	579216	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	QuaF	++++ 224907	4359 592266	7803	24172	57837	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 523609	3080 1303857	12251	55268	138303	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 751454	3810 1939516	17929	77267	191330	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 518491	2486 1321518	12863	55187	136961	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 386212	2000 1014178	8902	39061	98603	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++	3196	13902	61081	151178	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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
			596858	1517626				200	500			
Ethyl acrylate	FB	Lin2	++++ 59343	481 146970	1524	7118	14433	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1155754	5975 2938553	26512	117076	300474	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 559110	2576 1443403	13703	57386	141211	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 750052	2923 1930366	15826	72835	185359	++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	++++ 755936	3790 1924195	17380	77604	191592	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	++++ 134818	1575 341562	3624	13635	33900	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 366714	2070 943164	8601	37388	90747	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 742602	3316 1906972	15443	71202	180991	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 345475	1594 899267	7937	34562	86107	++++ 200	1.00 501	5.01	20.0	50.1
2-Nitropropane	FB	Ave	++++ 309443	2160 833361	7390	29189	72039	++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1382 1040087	4566 2676919	24118	104039	264154	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 918592	4078 2322647	19567	89474	224019	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2588099	13160 6018823	60360	261921	666760	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2362366	12037 5475117	52687	243817	605744	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	++++ 710740	3447 1886891	15681	70285	175484	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 849716	3681 2254846	17994	80253	203595	++++ 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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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-Trichloroethane	CBNZ d5	Ave	++++ 405133	2077 1057736	9155	41227	101370	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 652899	3029 1664434	13361	64178	163959	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 826678	3758 2167334	18036	79453	200251	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 890246	4406 2357311	19420	87202	224165	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 136733	892 353972	3468	14222	35024	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 562684	2541 1509453	11198	51467	132930	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 513033	2296 1318555	11613	50769	127708	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1580963	7077 3831813	32892	157312	391967	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 904871	4190 2430845	19872	87880	220948	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 661913	2846 1758296	13024	62123	159661	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1082884	5011 2793946	24585	106516	271959	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 389722	1887 1013094	8718	40085	98902	++++ 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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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
o-Xylene	CBNZ d5	Ave	+++++	4935	24224	110963	281520	+++++	1.00	5.00	20.0	50.0
			1125948	2942888				200	500			
Styrene	CBNZ d5	Ave	+++++	7520	38327	177022	442091	+++++	1.00	5.00	20.0	50.0
			1767840	4376525				200	500			
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++	5368	23526	98596	245960	+++++	1.00	5.00	20.0	50.0
			939296	2336475				200	500			
Bromoform	CBNZ d5	Ave	+++++	1645	7748	35205	91432	+++++	1.00	5.00	20.0	50.0
			395600	1069043				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	12904	62253	292380	738412	+++++	1.00	5.00	20.0	50.0
			2811525	5850731				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	3103	15102	67000	169848	+++++	1.00	5.00	20.0	50.0
			690317	1845438				200	500			
Bromobenzene	DCBd 4	Ave	+++++	3464	15720	71062	179040	+++++	1.00	5.00	20.0	50.0
			730252	1972248				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	14569	72995	335769	839647	+++++	1.00	5.00	20.0	50.0
			3156010	6474570				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	QuaF	+++++	428	2112	12108	36191	+++++	1.00	5.00	20.0	50.0
			179274	557952				200	500			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	1052	4736	20676	50965	+++++	1.00	5.00	20.0	50.0
			204866	561741				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	12165	61061	282067	703236	+++++	1.00	5.00	20.0	50.0
			2695629	5787040				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	10116	55245	250262	633293	+++++	1.00	5.00	20.0	50.0
			2486769	6172891				200	500			

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2487861	10845 5689399	52908	250968	634866	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 847767	3857 2234795	17850	81883	208775	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 1900861	9067 4517856	42249	194833	489549	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 2170775	8844 4969048	43889	212171	539917	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2467064	10733 5448258	54445	251327	638962	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 735885	4831 1931128	16078	71394	180151	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2789626	13957 5919065	63764	286697	729740	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1387021	6552 3420078	30773	143873	354150	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1451695	6779 3869045	31666	142446	359095	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2743761	11652 6060143	59714	272218	690561	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1260101	5492 3102457	28943	131417	327887	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2756095	12191 6222285	61765	280163	703803	++++ 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 Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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
p-Diethylbenzene	DCBd 4	Ave	++++ 1681656	6921 4405644	35490	161889	413068	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1481616	6473 3931130	33090	145243	373619	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1388184	6236 3425109	31755	141630	356092	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2756900	11634 6076826	61352	277914	710412	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 173194	841 449936	3755	16794	42660	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1251584	5340 3043968	27878	127272	323104	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1162730	4669 2833287	25746	114999	299392	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 609694	2487 1525427	11830	58831	152072	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2424704	10773 5575862	57921	251055	638781	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 1039969	4383 2495520	22609	103288	269587	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	142700 151062	141065 161589	134825	149393	144990	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	159768 184309	160810 219630	154923	166980	164417	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	501024	503215	487289	540279	527253	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

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
			550048	556242				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	166670	165106	165263	183127	176321	50.0	50.0	50.0	50.0	50.0
			183899	188567				50.0	50.0			

Curve Type Legend

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

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 820619

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2021 16:04 Calibration End Date: 12/23/2021 18:22 Calibration ID: 88495

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-820619/3	A13129.D
Level 2	STD1 460-820619/4	A13130.D
Level 3	STD5 460-820619/5	A13131.D
Level 4	STD20 460-820619/6	A13132.D
Level 5	STD50 460-820619/7	A13133.D
Level 6	STD200 460-820619/8	A13134.D
Level 7	STD500 460-820619/9	A13135.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #						LVL 7					
Ethyl acrylate	+++++	0.2						30				

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 23-Dec-2021 16:04:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0139544-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 23-Dec-2021 19:34:44 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: baronm

Date: 23-Dec-2021 18:25:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.672	3.684	-0.012	0	256853	1000.0	1000.0	
35 Acrylonitrile	53	3.946	3.958	-0.012	0	1918	2.00	1.92	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	0	276984	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.092	0.000	0	142700	50.0	49.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.379	0.000	0	159768	50.0	47.3	
* 66 Fluorobenzene	96	5.592	5.598	-0.006	0	507731	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.165	6.165	0.000	0	27496	1000.0	1000.0	
80 Epichlorohydrin	57	6.732	6.738	-0.006	0	1382	5.00	5.41	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	0	501024	50.0	50.8	
* 94 Chlorobenzene-d5	117	8.030	8.031	-0.001	0	357514	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.744	-0.006	0	166670	50.0	50.4	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.396	0.000	0	213537	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

ACRY/EPIH MIX_00094	Amount Added: 20.00	Units: uL	
ACROLEIN W_00134	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00148	Amount Added: 0.00	Units: uL	
GASES Li_00455	Amount Added: 2.50	Units: uL	
GAS Hi_00404	Amount Added: 0.00	Units: uL	
Ethanol mix_00059	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00118	Amount Added: 0.00	Units: uL	
MIX I Hi_00145	Amount Added: 0.00	Units: uL	
14DIOXINTER_00136	Amount Added: 0.00	Units: uL	
524freon_00046	Amount Added: 0.00	Units: uL	
8FreonHi_00039	Amount Added: 0.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

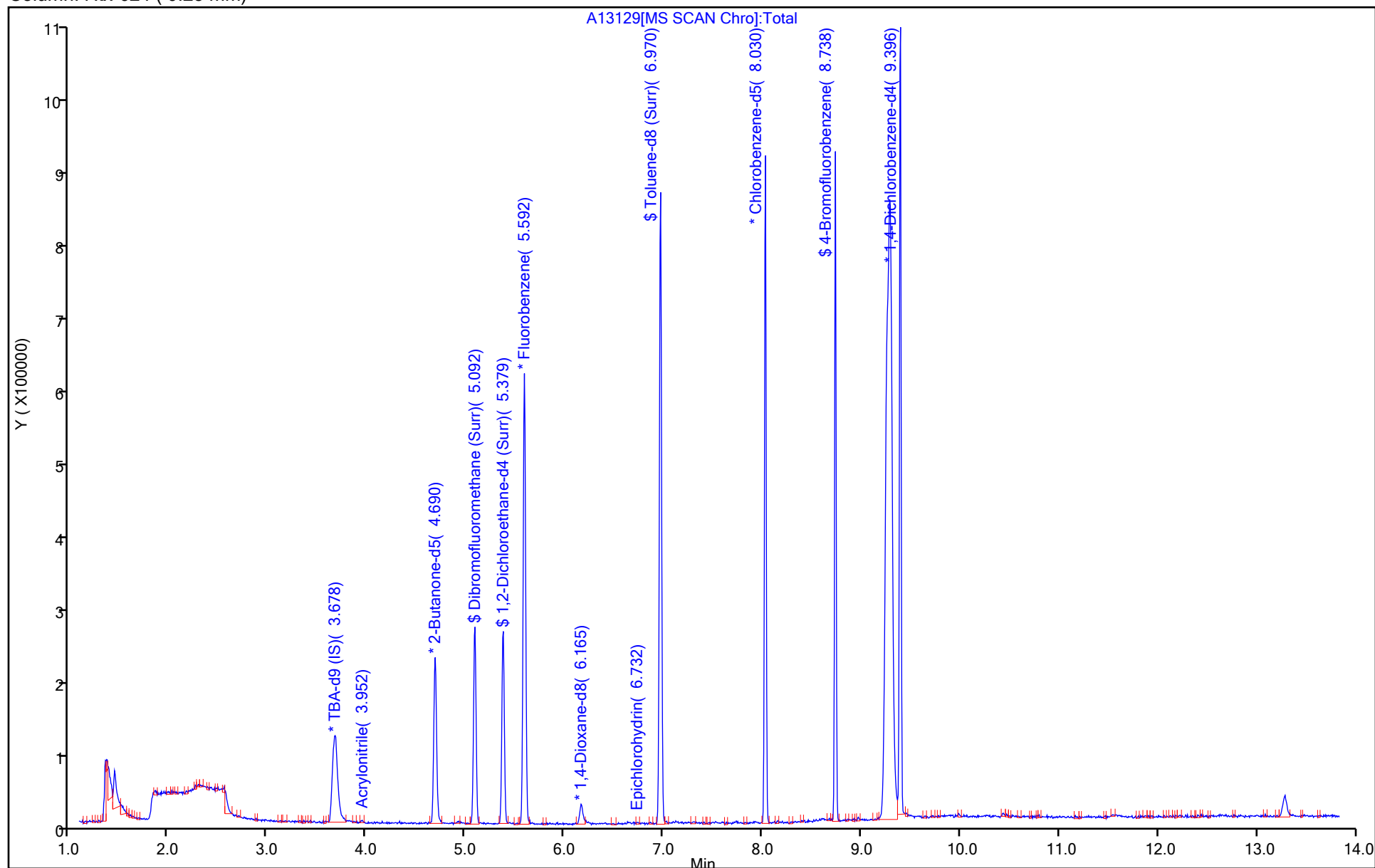
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

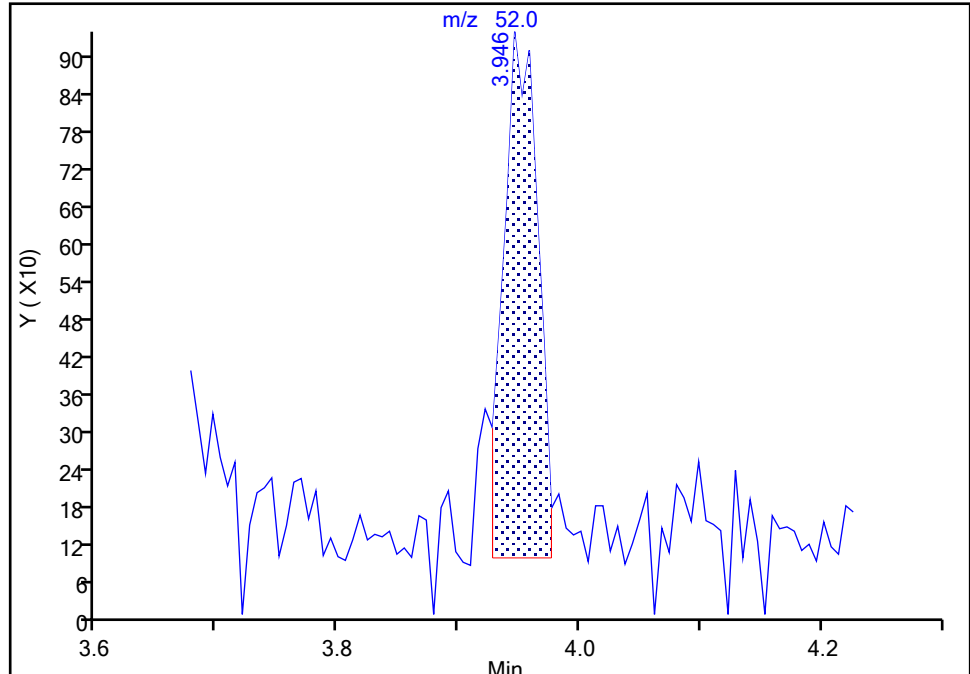
MS SCAN

35 Acrylonitrile, CAS: 107-13-1

Signal: 2

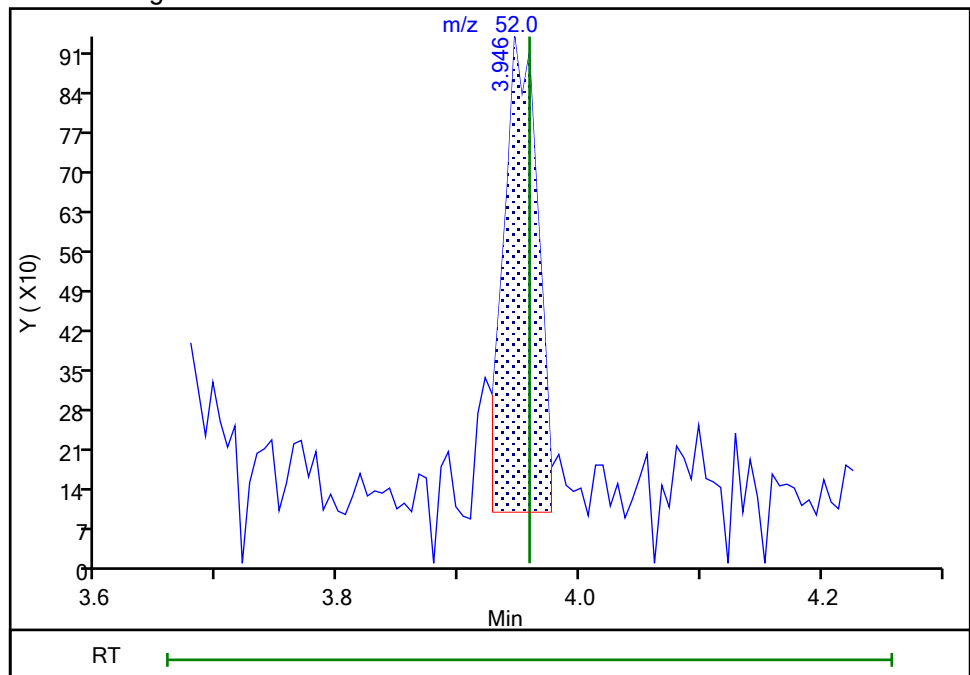
RT: 3.95
Area: 1676
Amount: 1.906559
Amount Units: ug/l

Processing Integration Results



RT: 3.95
Area: 1676
Amount: 1.915972
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:22:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

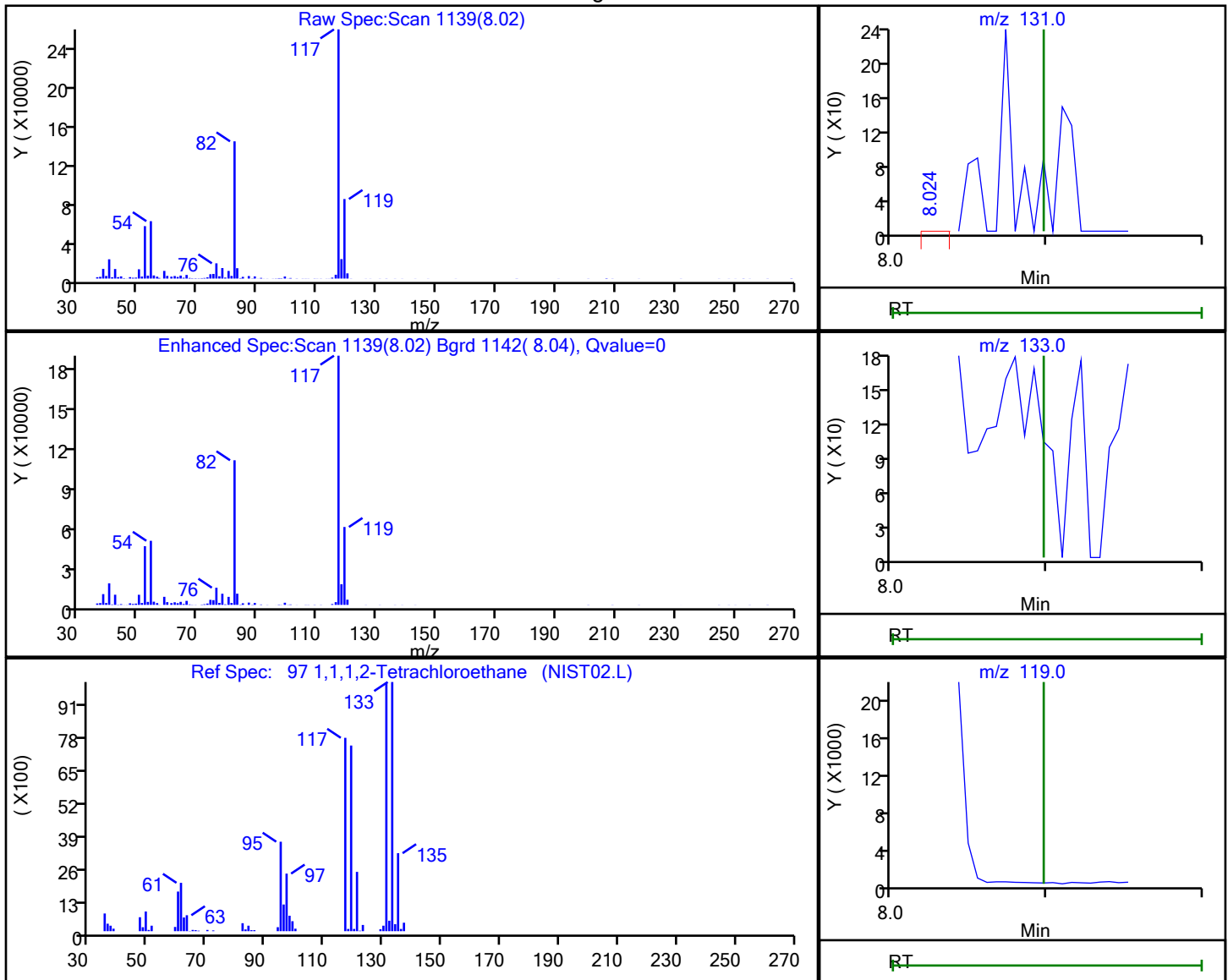
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

97 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
8.02	131.00	62	0.021761
8.02	133.00	170	
8.03	119.00	115992	
8.03	117.00	357525	

Reviewer: baronm, 23-Dec-2021 18:24:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

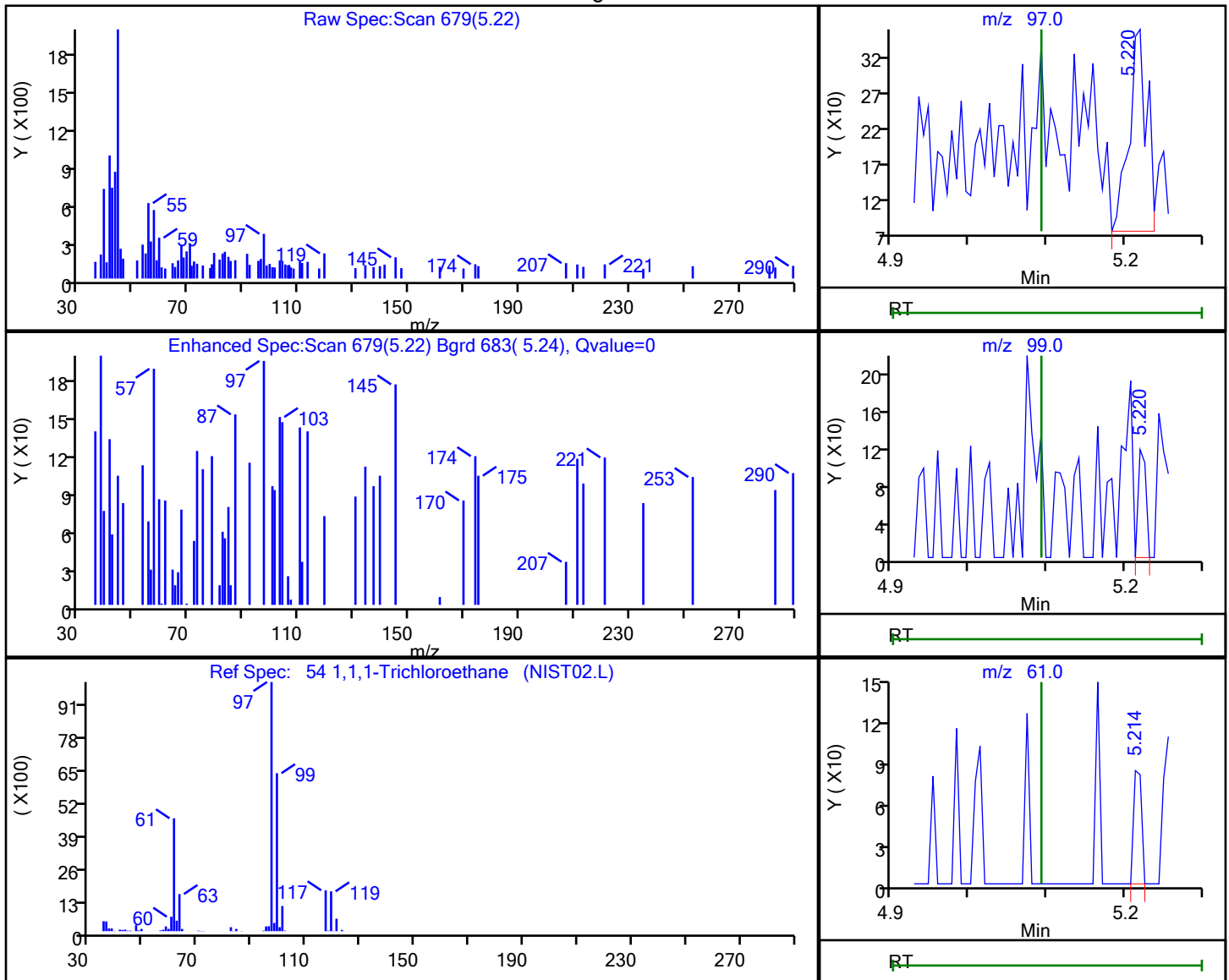
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
5.22	97.00	447	0.097970
5.22	99.00	80	
5.21	61.00	60	

Reviewer: baronm, 23-Dec-2021 18:22:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

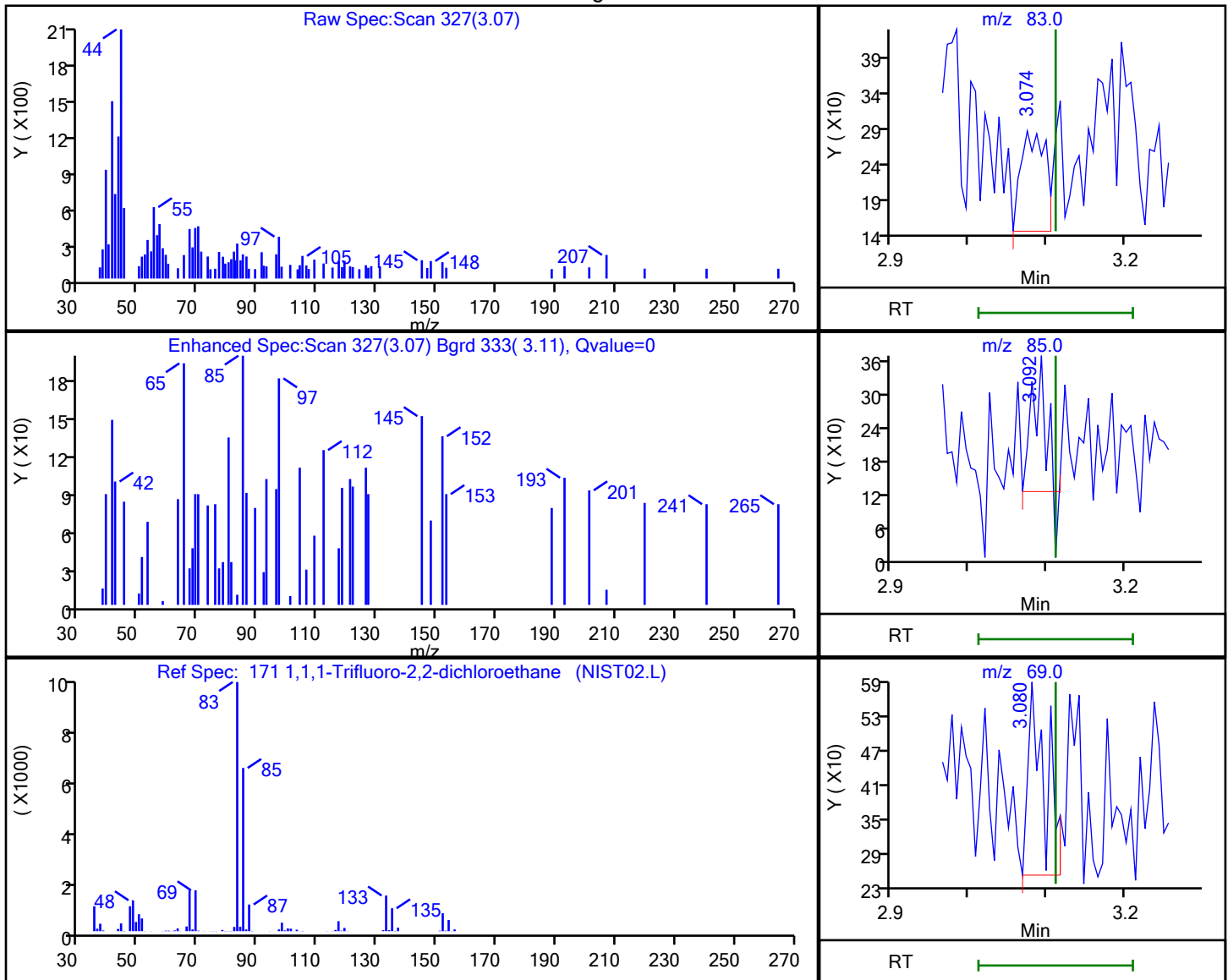
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

171 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
3.07	83.00	314	0.074431
3.09	85.00	266	
3.08	69.00	515	
3.09	67.00	255	

Reviewer: baronm, 23-Dec-2021 18:21:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

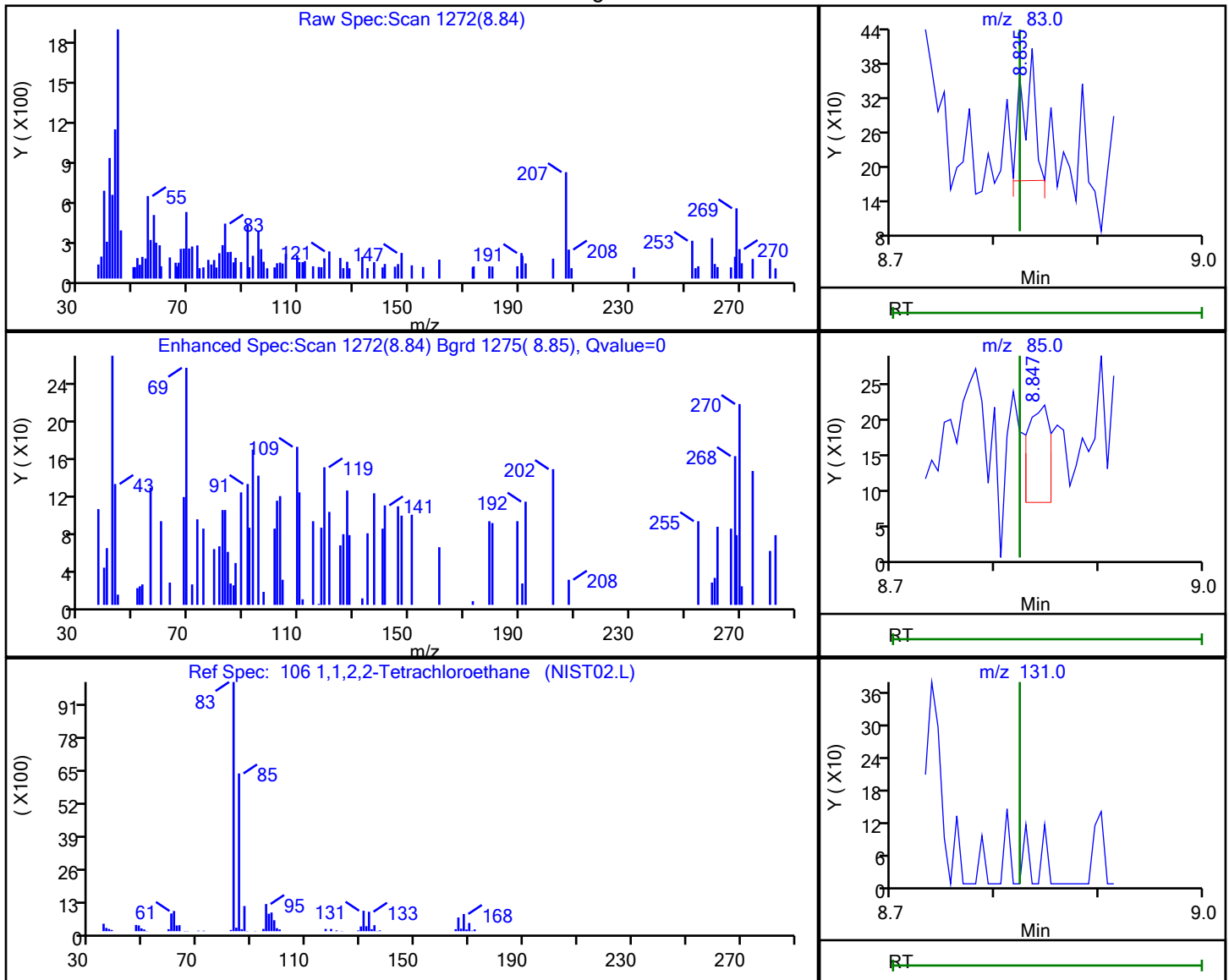
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.84	83.00	191	0.061335
8.85	85.00	208	
8.83	131.00	0	

Reviewer: baronm, 23-Dec-2021 18:24:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

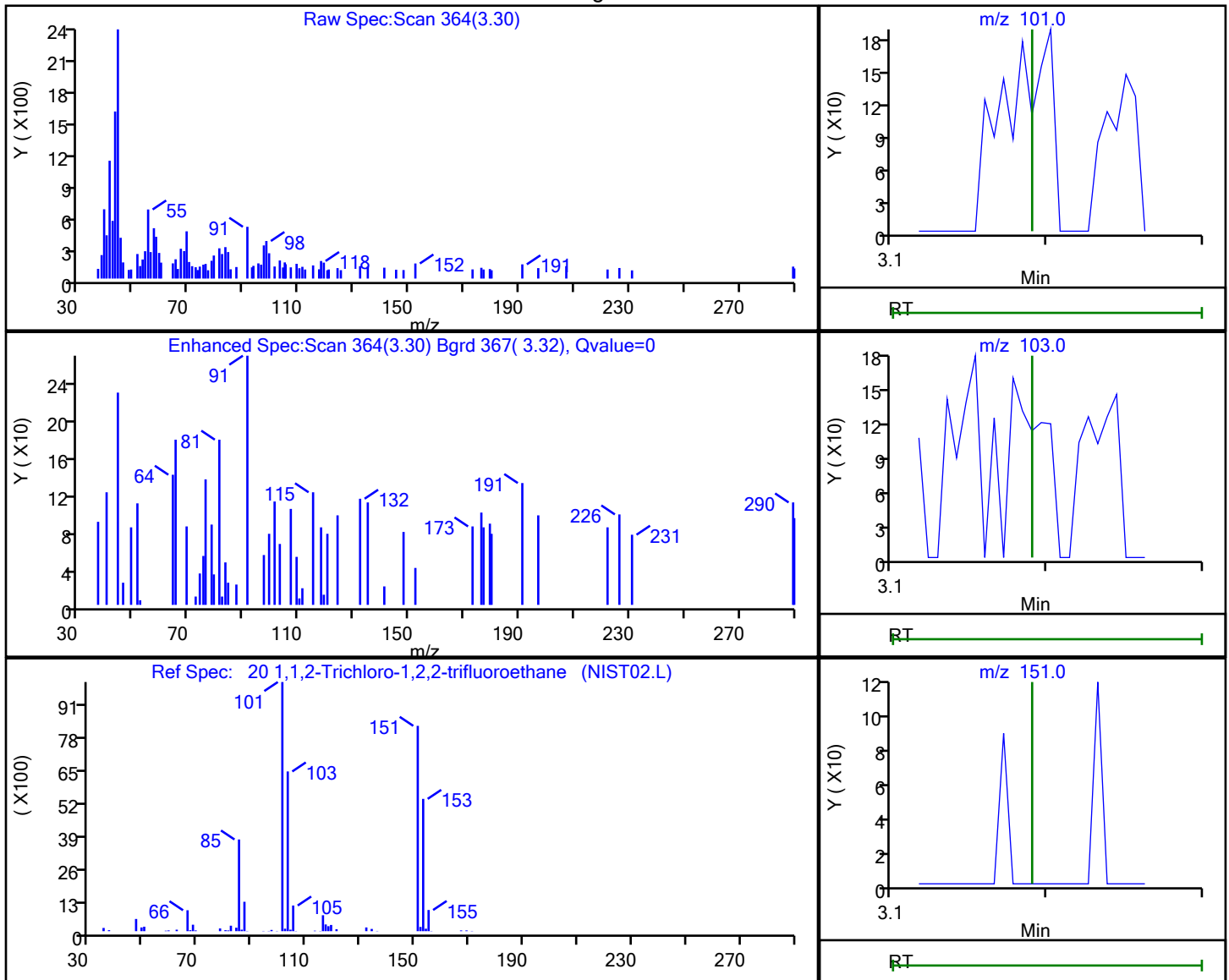
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
3.30	101.00	114	0.035111
3.30	103.00	96	
3.29	151.00	61	
3.19	85.00	0	

Reviewer: baronm, 23-Dec-2021 18:21:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

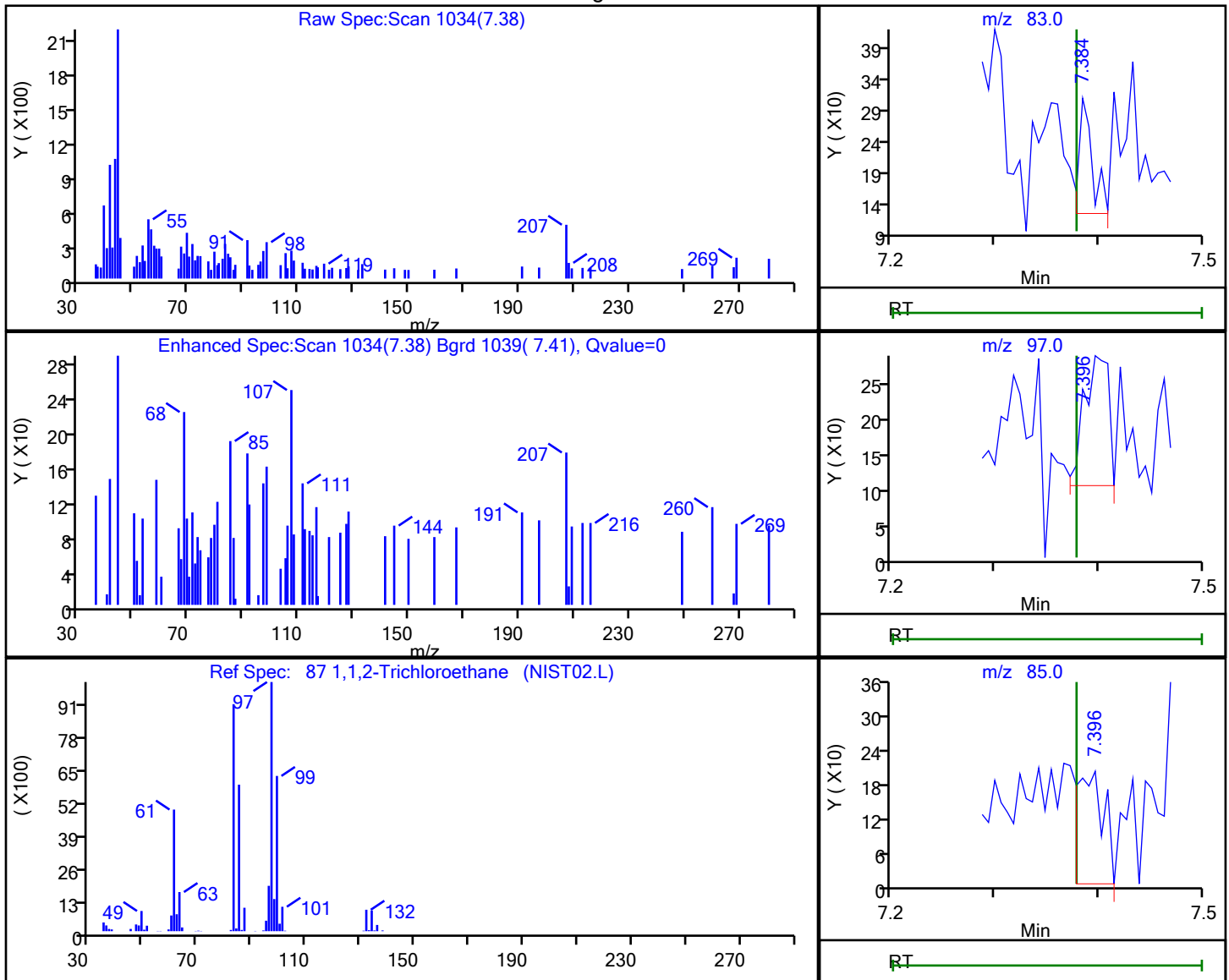
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.38	83.00	162	0.084434
7.40	97.00	305	
7.40	85.00	358	

Reviewer: baronm, 23-Dec-2021 18:23:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

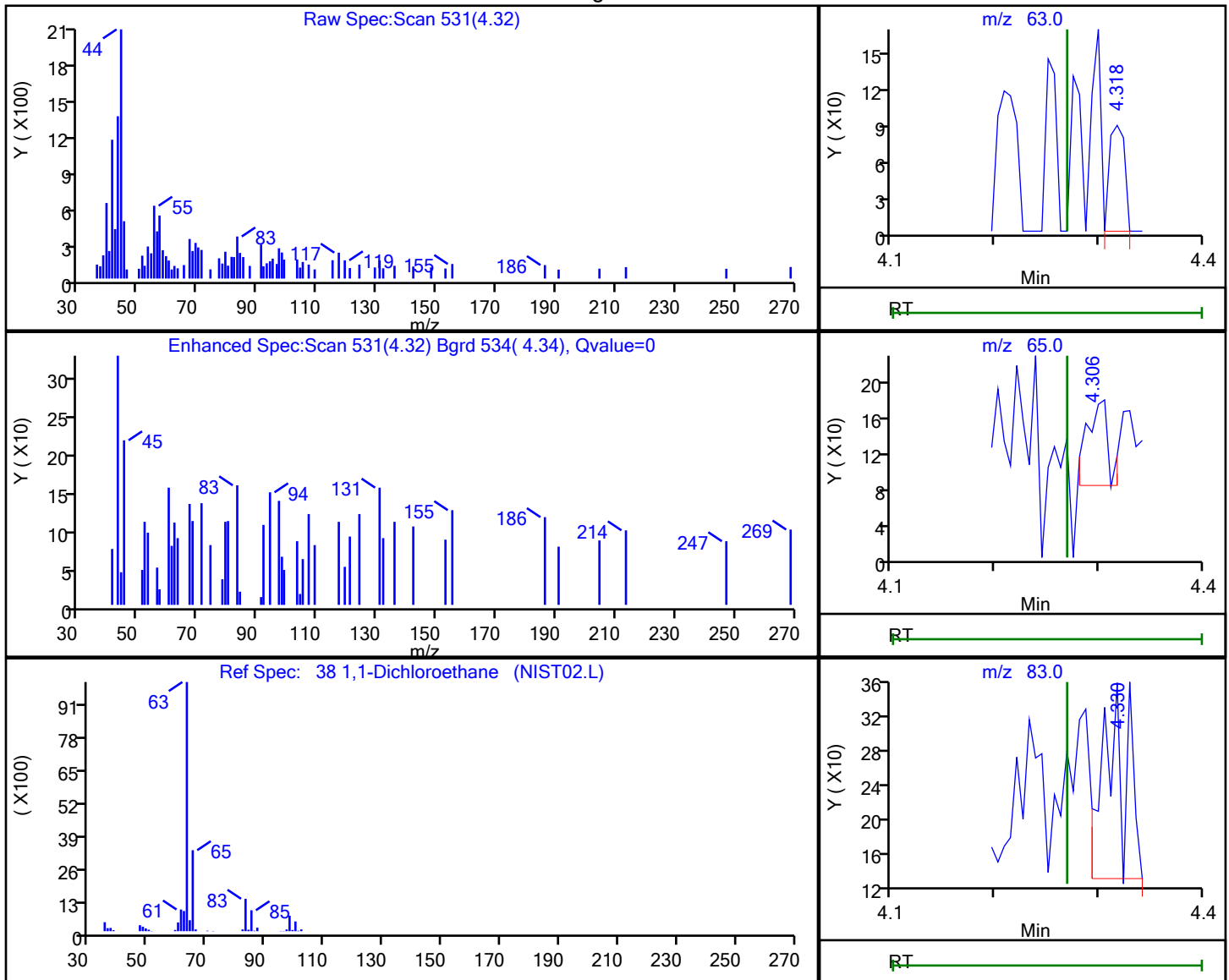
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
4.32	63.00	88	0.017696
4.31	65.00	137	
4.33	83.00	351	

Reviewer: baronm, 23-Dec-2021 18:22:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

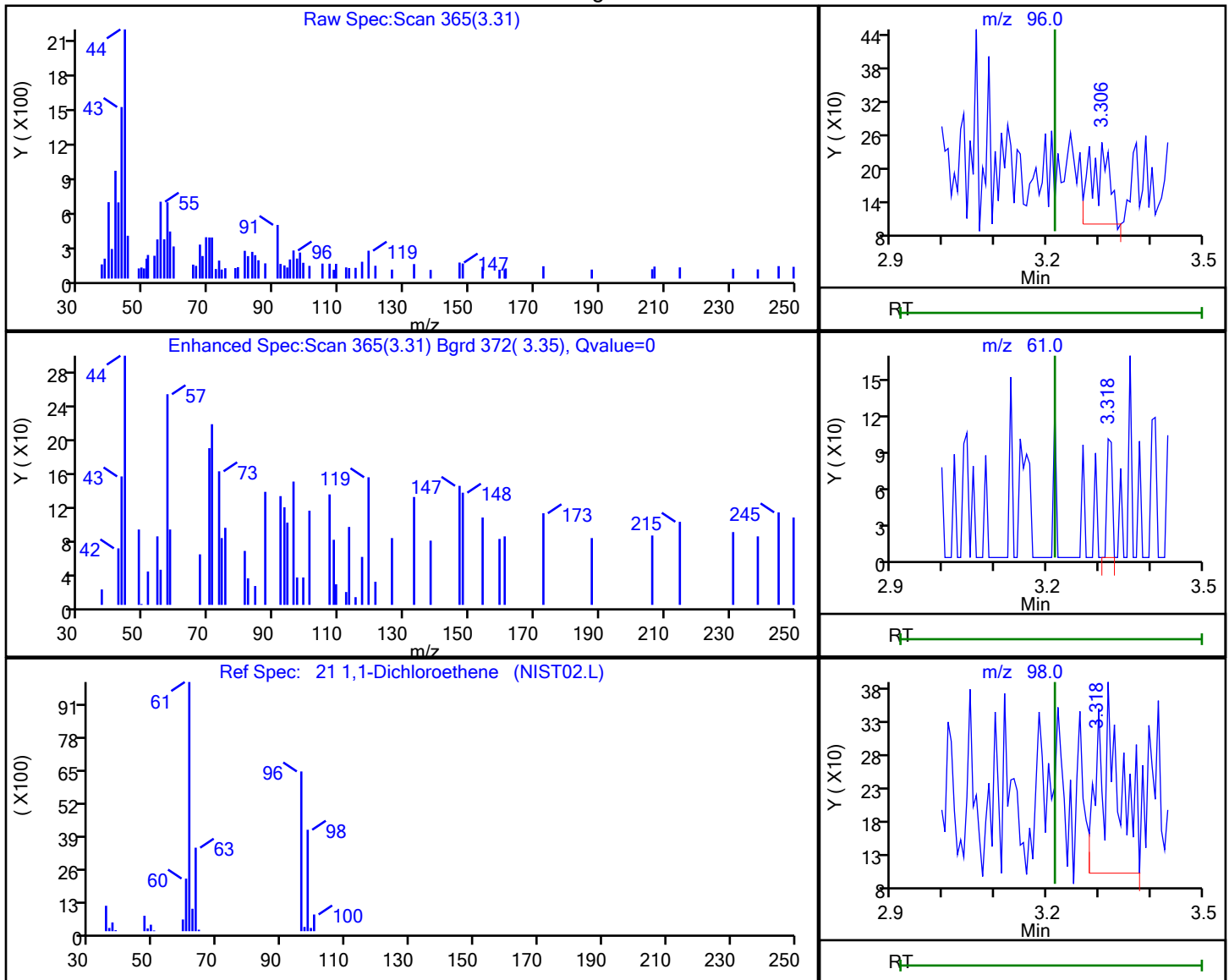
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
3.31	96.00	346	0.116976
3.32	61.00	72	
3.32	98.00	790	
3.29	63.00	277	

Reviewer: baronm, 23-Dec-2021 18:21:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

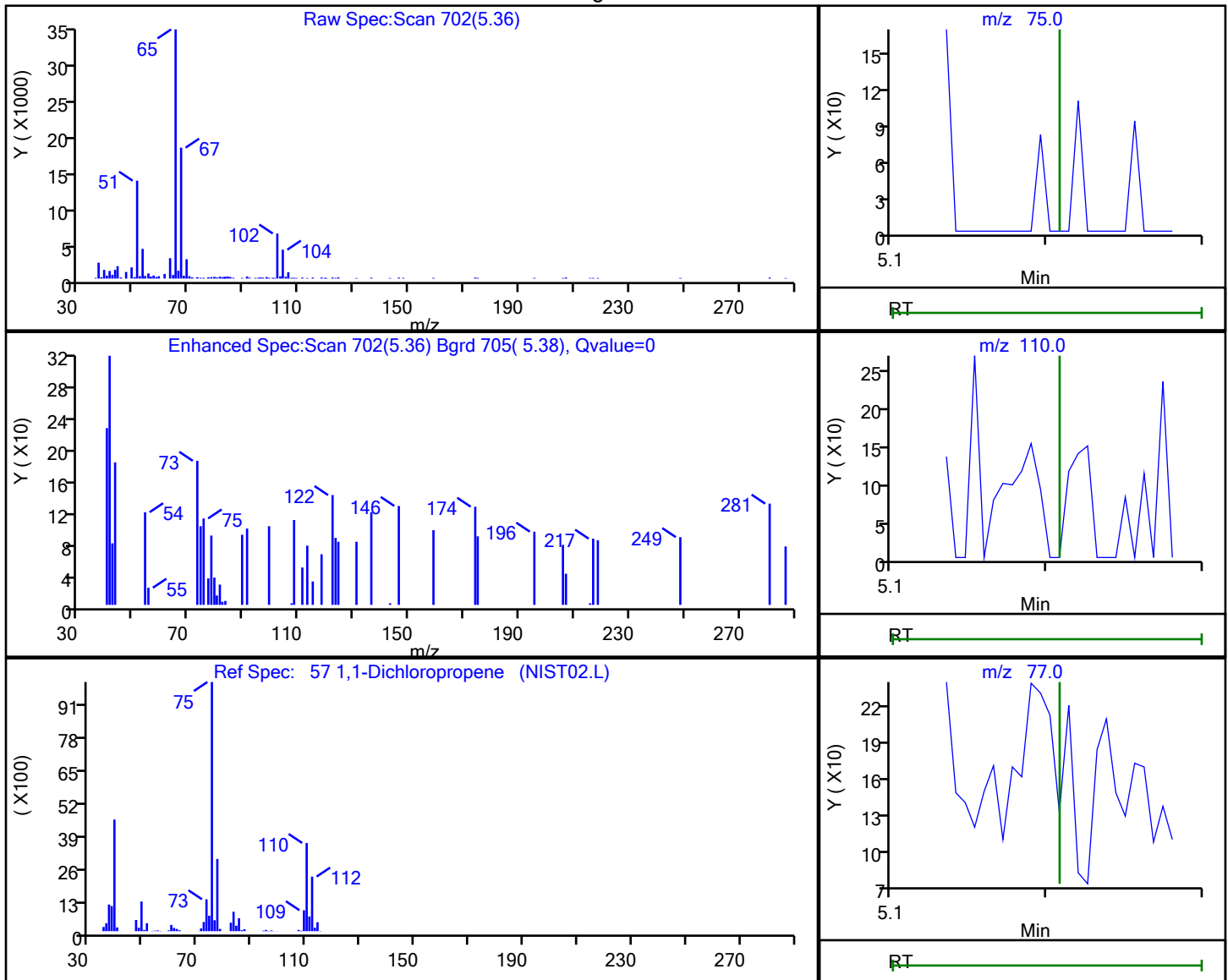
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
5.36	75.00	41	0.010592
5.35	110.00	110	
5.37	77.00	337	

Reviewer: baronm, 23-Dec-2021 18:22:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

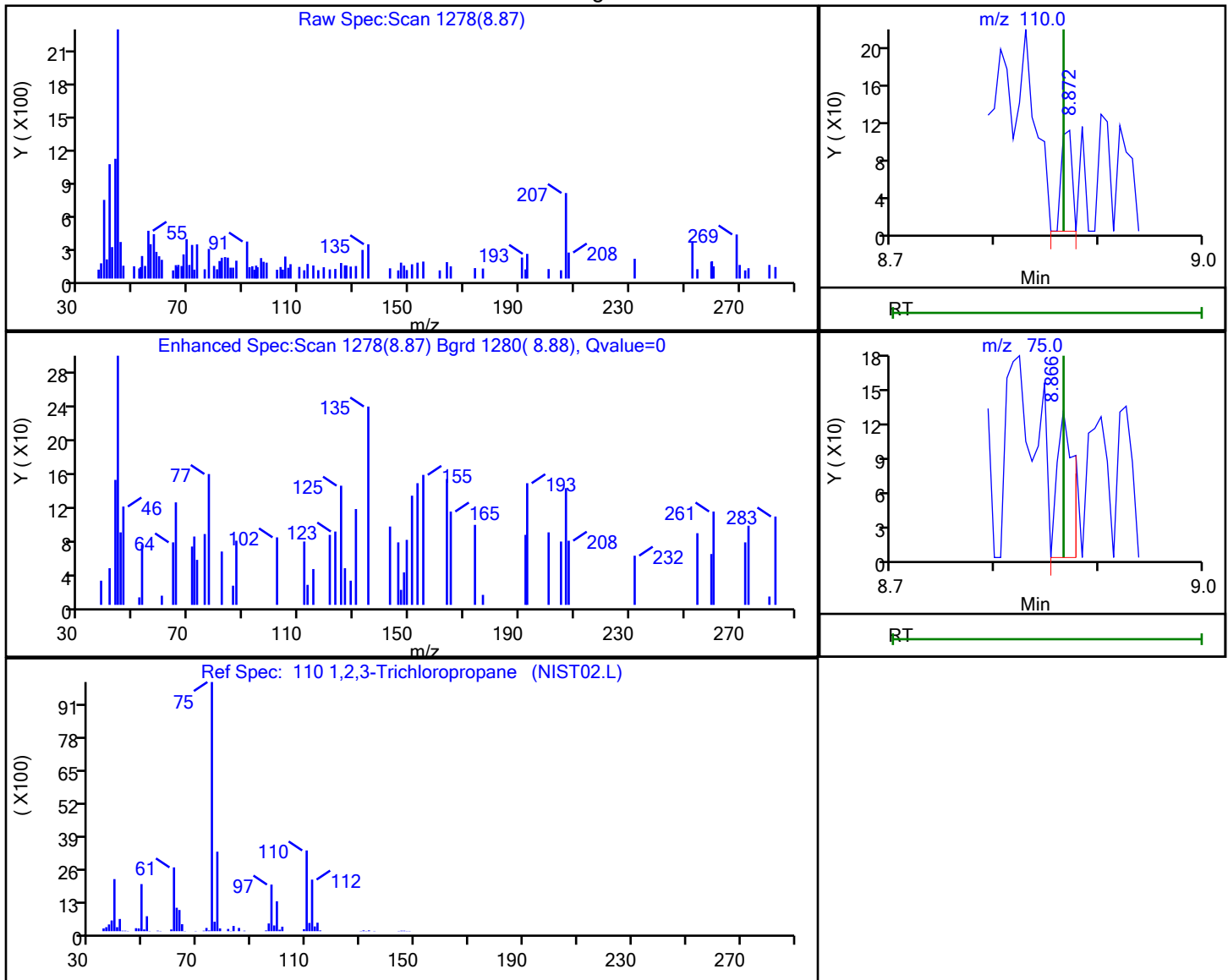
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

110 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
8.87	110.00	76	0.078295
8.87	75.00	138	

Reviewer: baronm, 23-Dec-2021 18:24:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

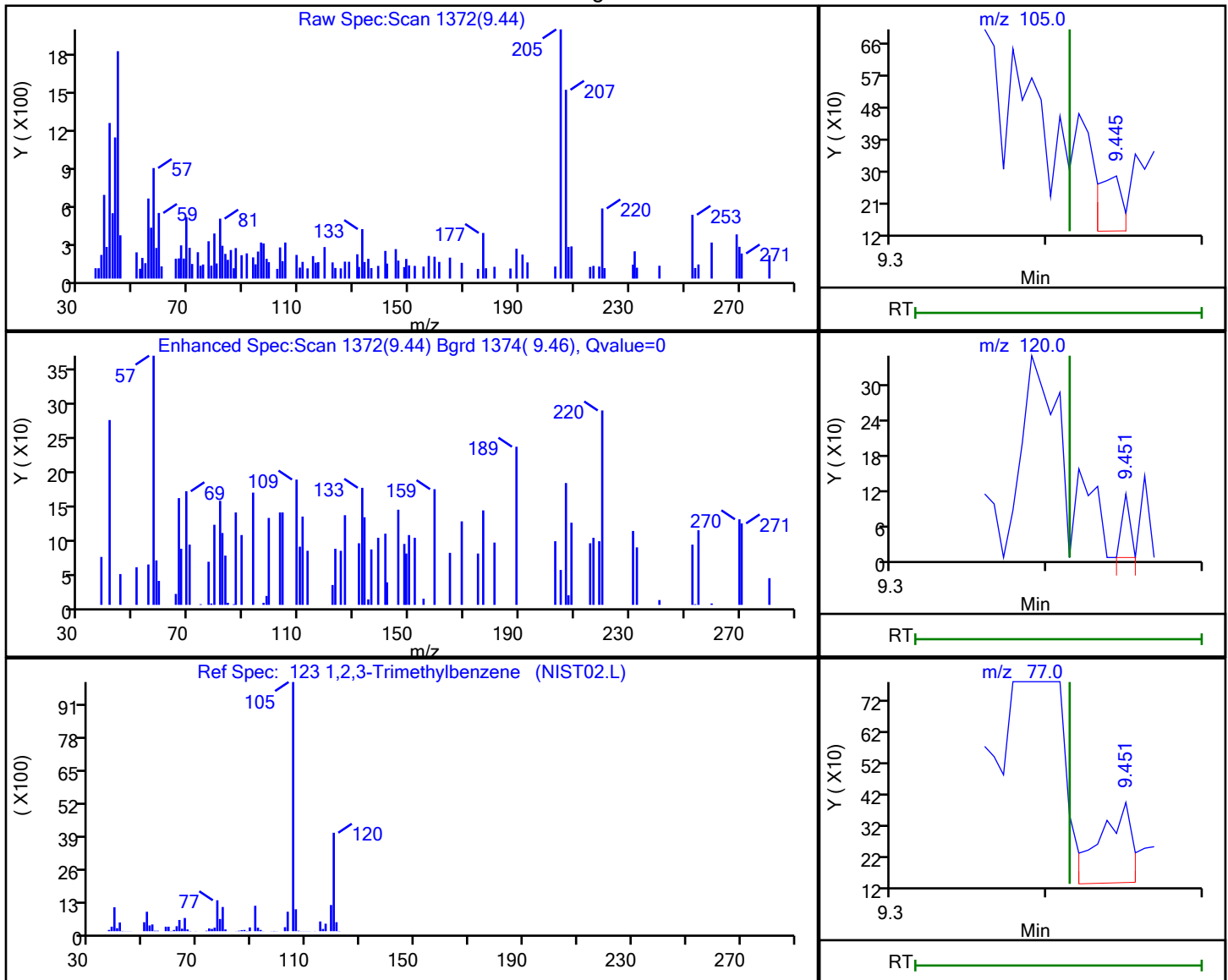
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
9.44	105.00	176	0.013338
9.45	120.00	40	
9.45	77.00	384	

Reviewer: baronm, 23-Dec-2021 18:24:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

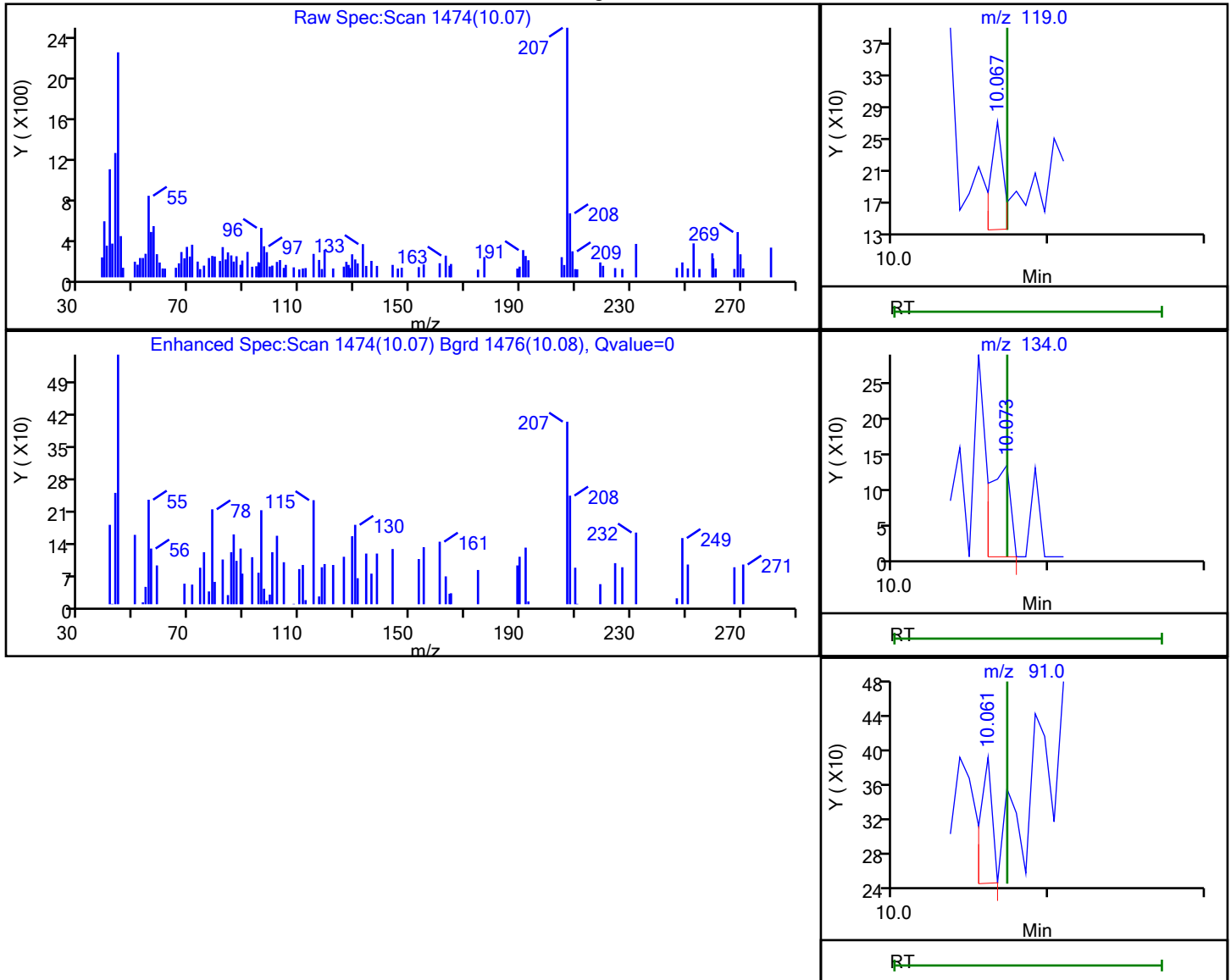
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

163 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
10.07	119.00	80	0.006359
10.07	134.00	127	
10.06	91.00	77	

Reviewer: baronm, 23-Dec-2021 18:24:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

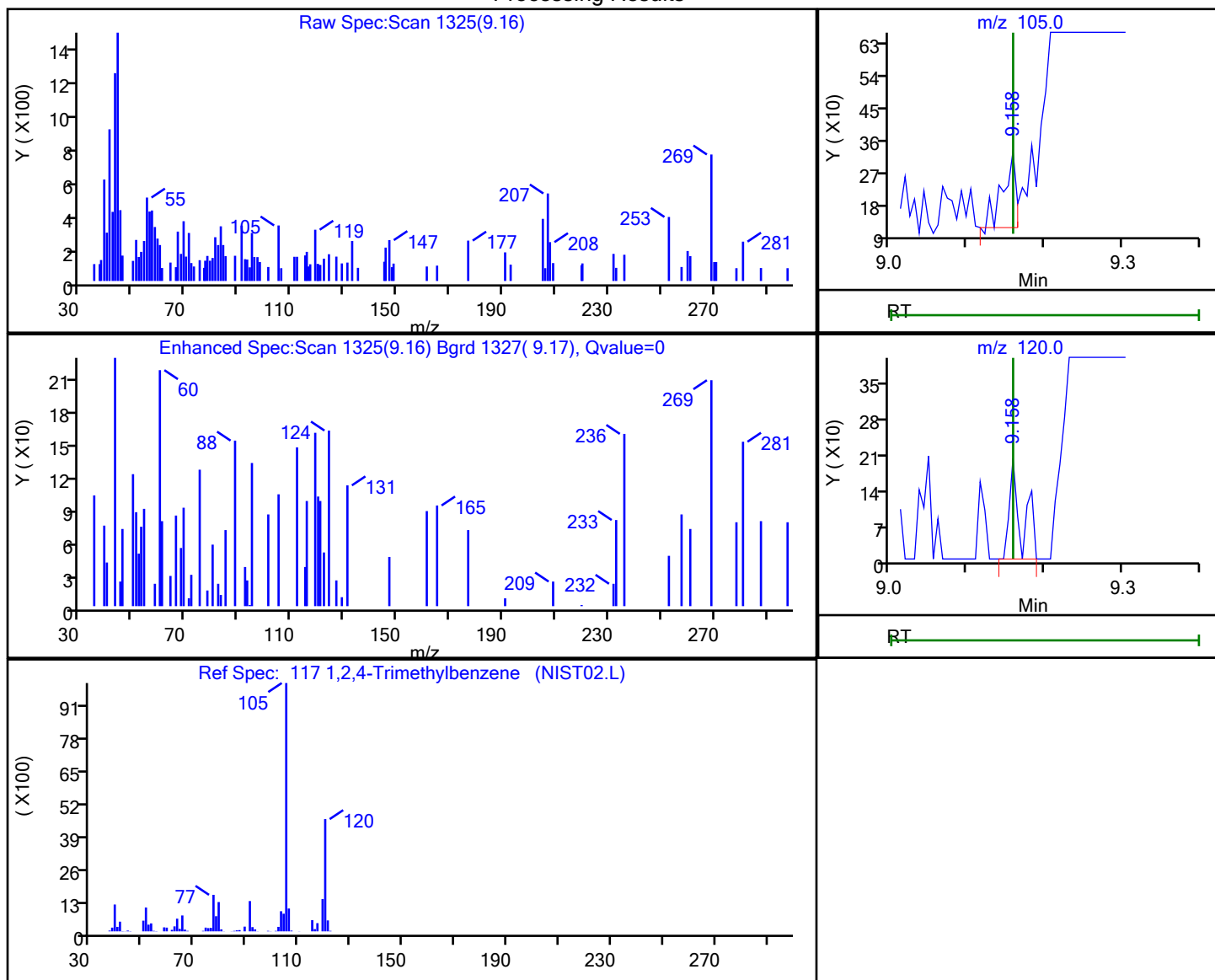
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
9.16	105.00	246	0.021678
9.16	120.00	219	

Reviewer: baronm, 23-Dec-2021 18:24:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

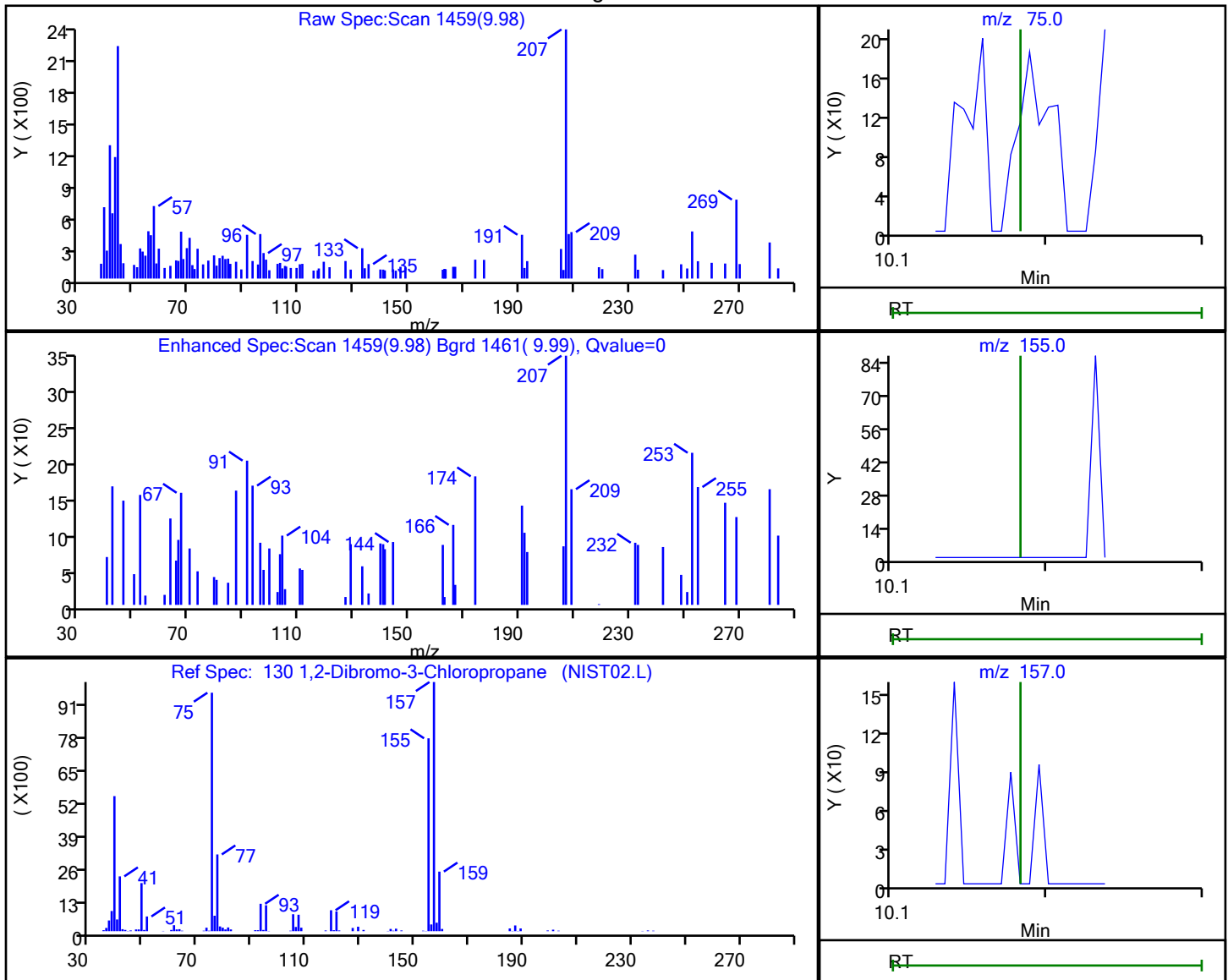
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
9.98	75.00	132	
9.97	155.00	162	
9.96	157.00	89	0.041491

Reviewer: baronm, 23-Dec-2021 18:24:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

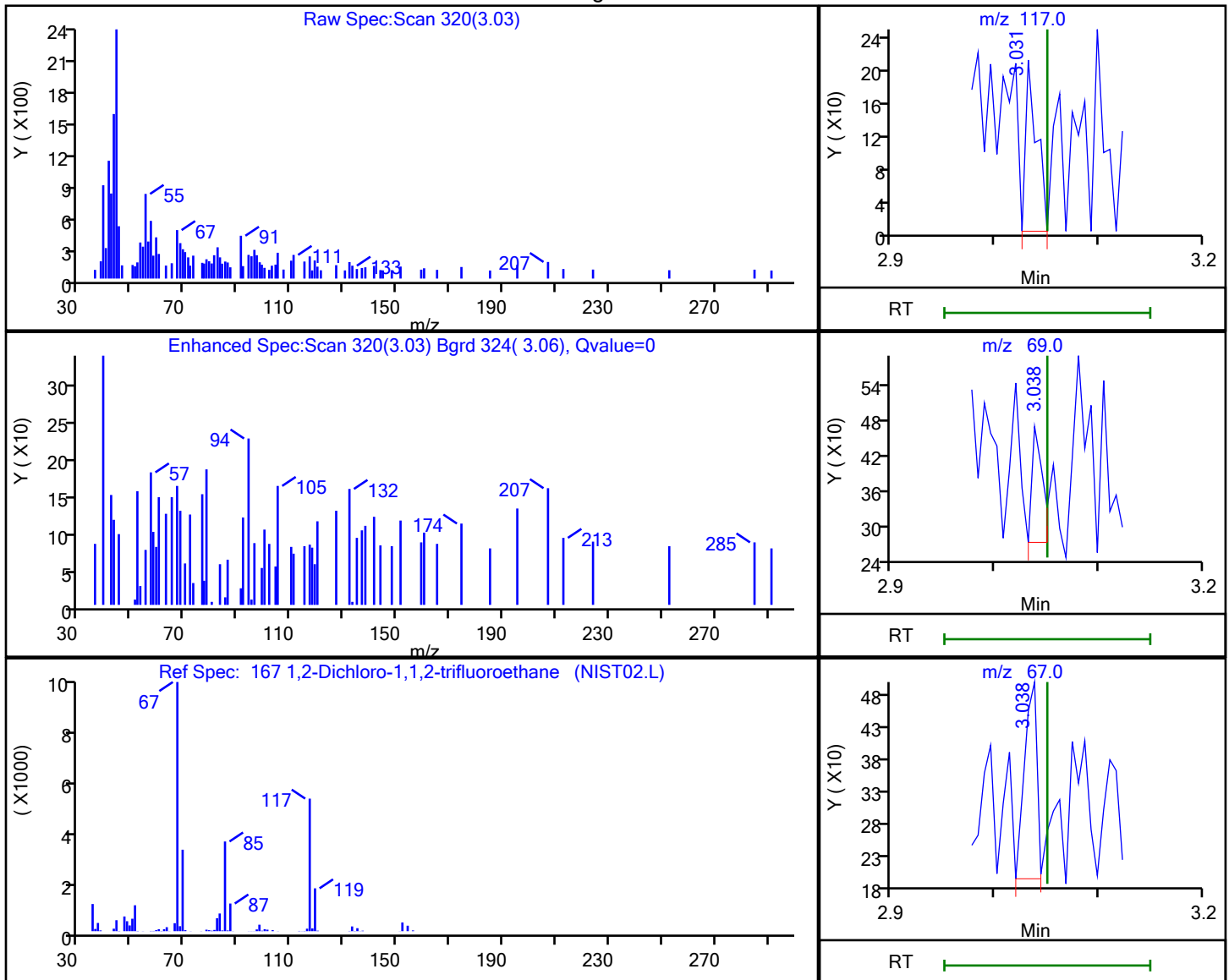
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

167 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
3.03	117.00	156	0.247872
3.04	69.00	138	
3.04	67.00	260	
3.05	119.00	201	

Reviewer: baronm, 23-Dec-2021 18:21:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

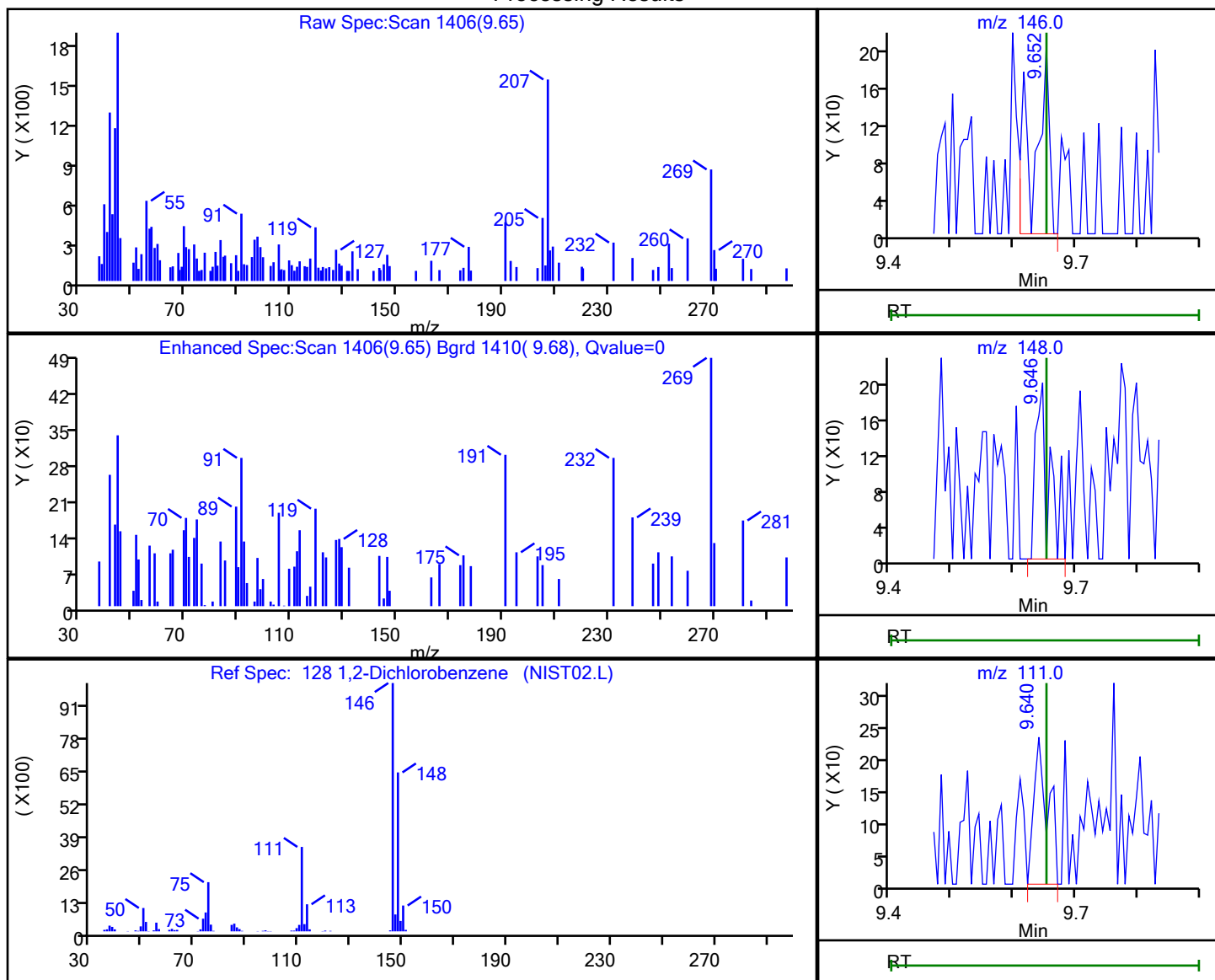
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
9.65	146.00	336	0.052165
9.65	148.00	305	
9.64	111.00	362	

Reviewer: baronm, 23-Dec-2021 18:24:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

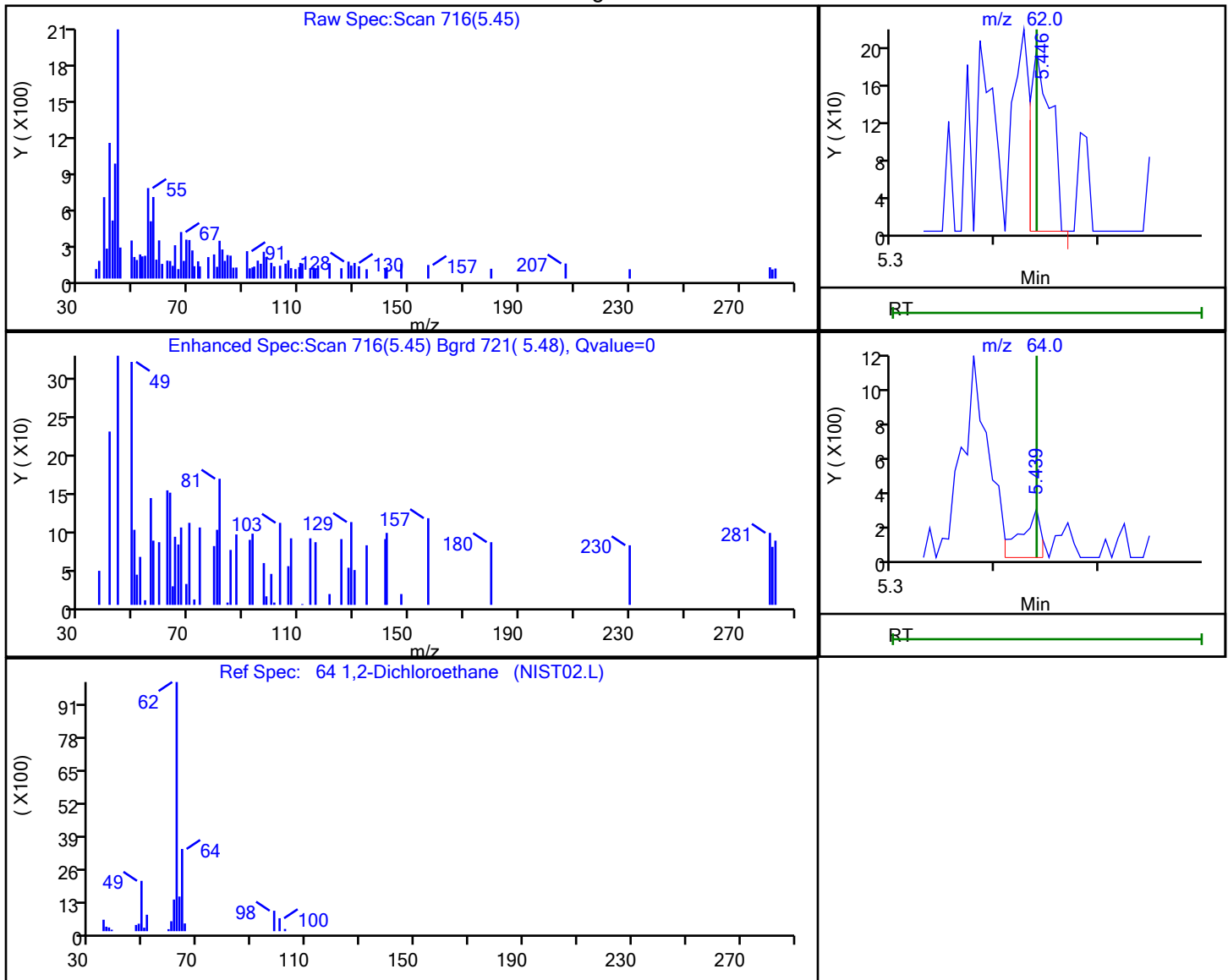
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.45	62.00	274	0.073893
5.44	64.00	382	

Reviewer: baronm, 23-Dec-2021 18:22:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

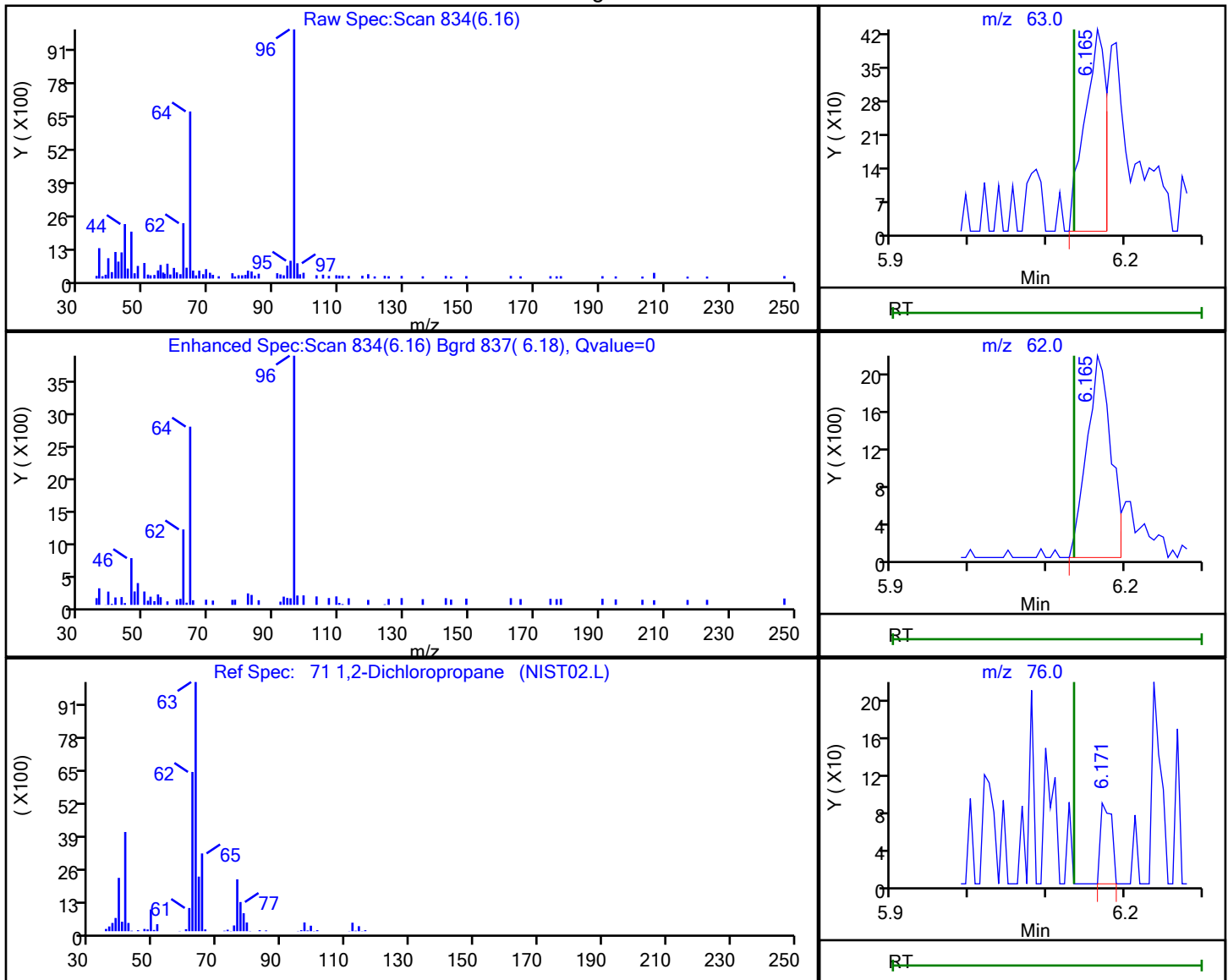
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.16	63.00	809	0.295961
6.16	62.00	4724	
6.17	76.00	88	
6.14	112.00	0	

Reviewer: baronm, 23-Dec-2021 18:22:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

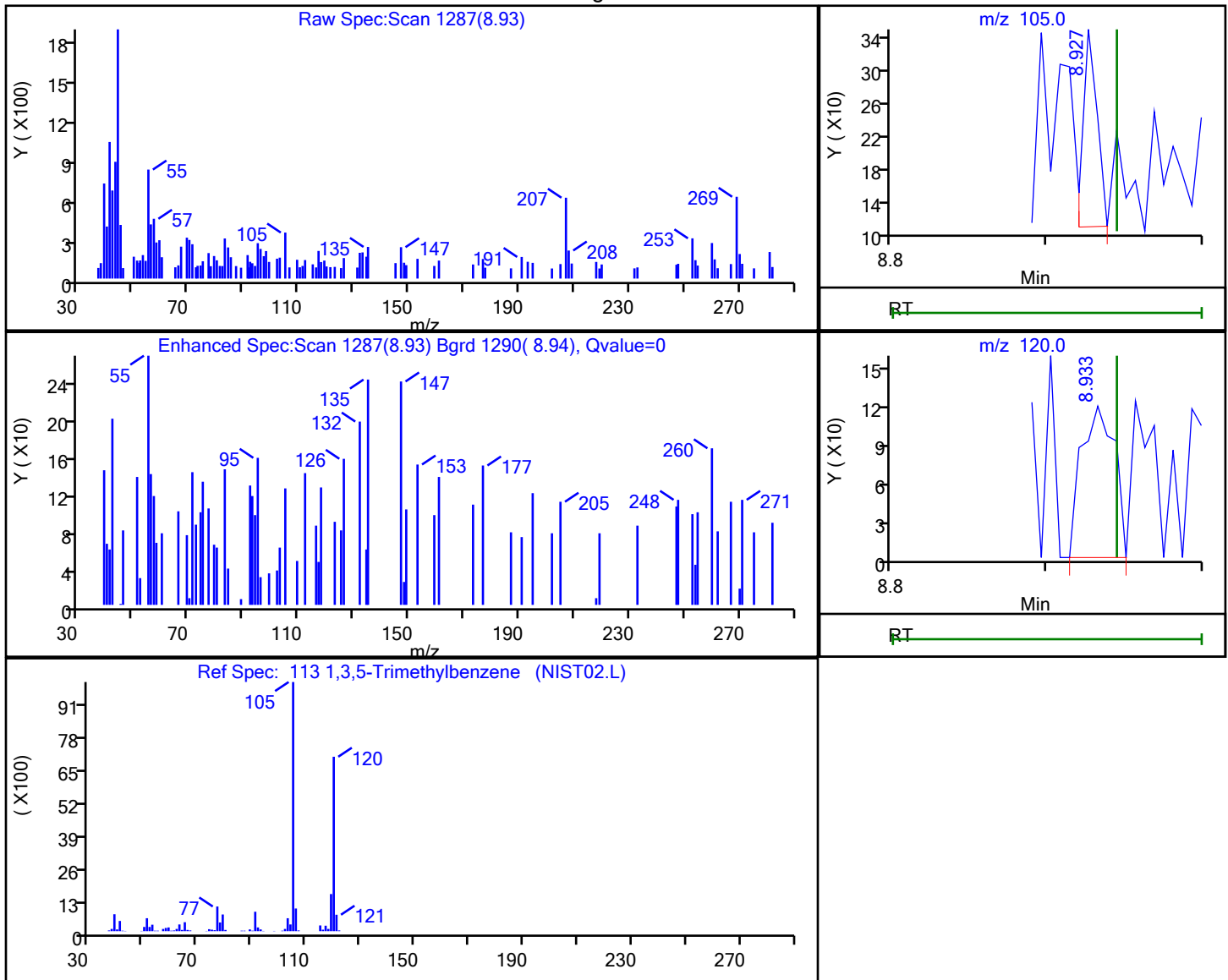
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
8.93	105.00	150	0.013302
8.93	120.00	174	

Reviewer: baronm, 23-Dec-2021 18:24:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

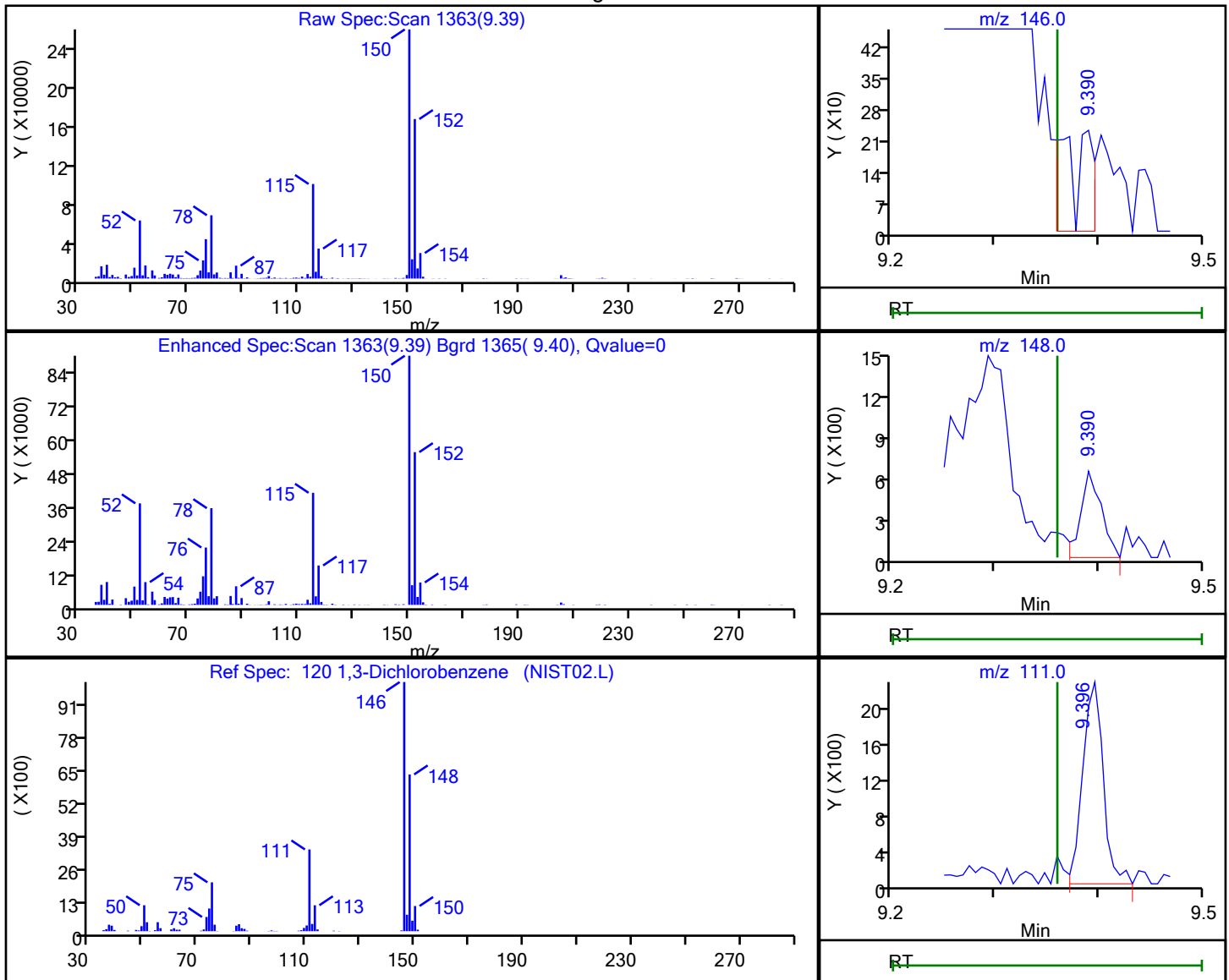
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
9.39	146.00	448	0.069658
9.39	148.00	866	
9.40	111.00	3110	

Reviewer: baronm, 23-Dec-2021 18:24:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

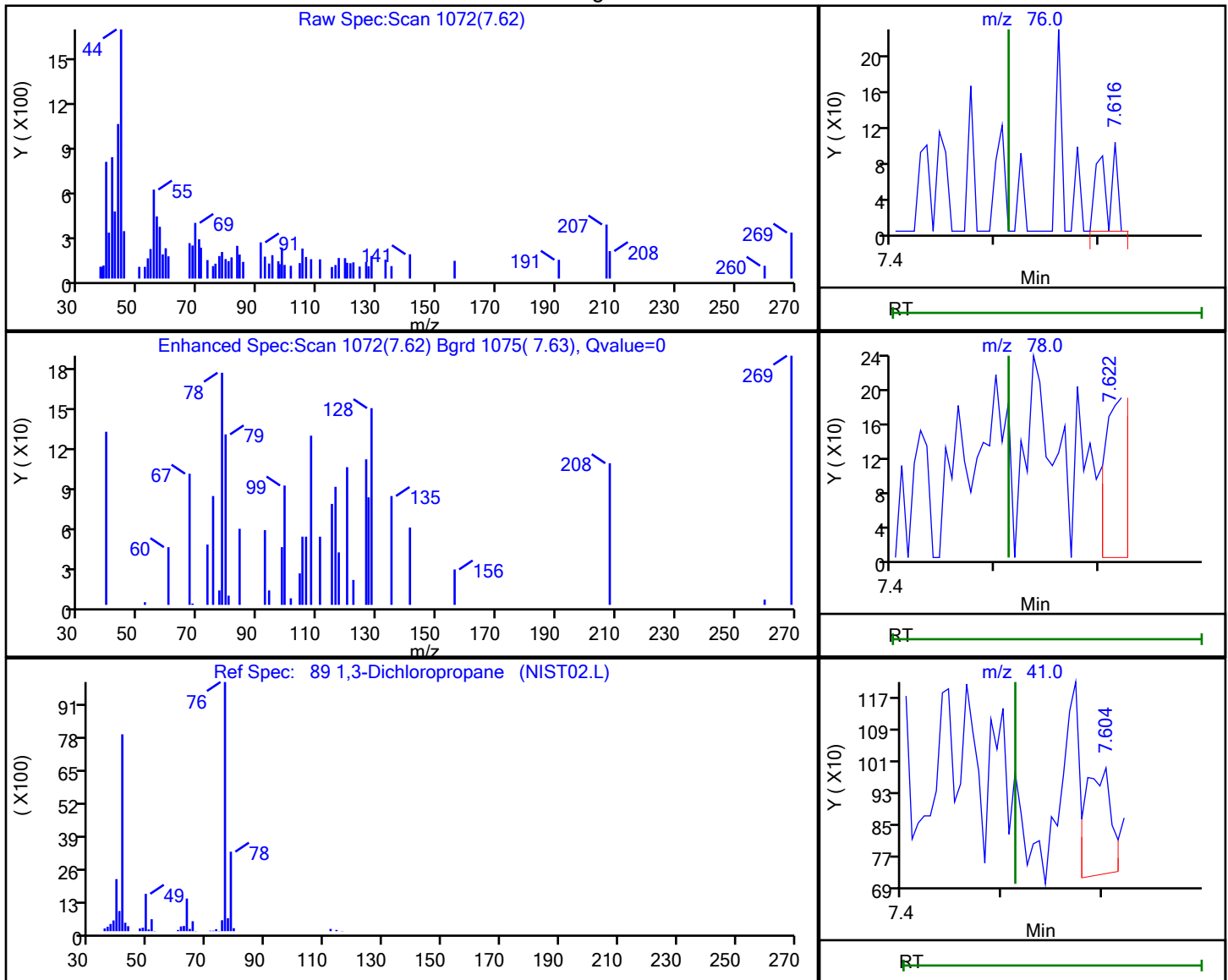
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.62	76.00	94	0.025465
7.62	78.00	232	
7.60	41.00	483	

Reviewer: baronm, 23-Dec-2021 18:23:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

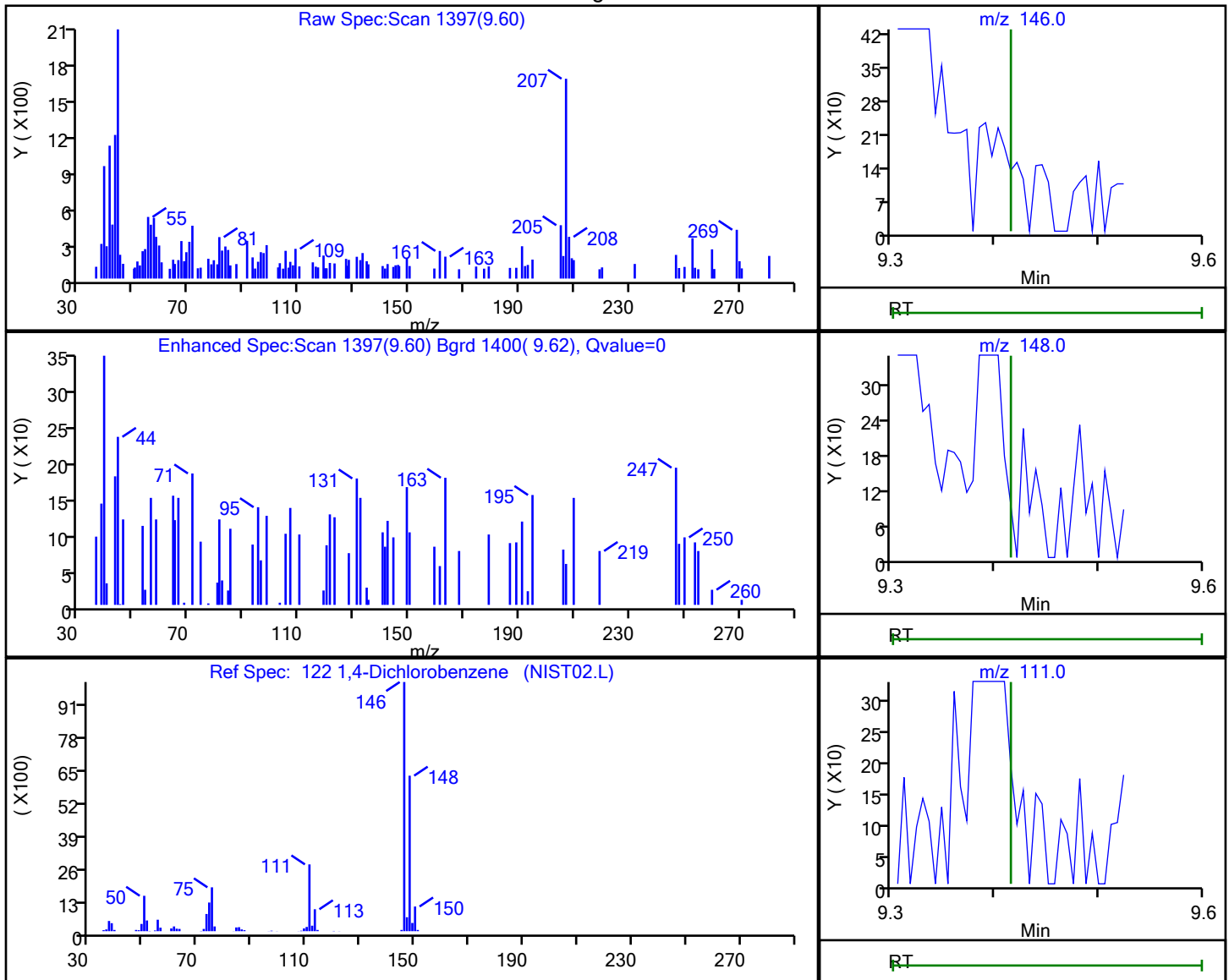
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
9.60	146.00	179	0.026172
9.60	148.00	233	
9.61	111.00	139	

Reviewer: baronm, 23-Dec-2021 18:24:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

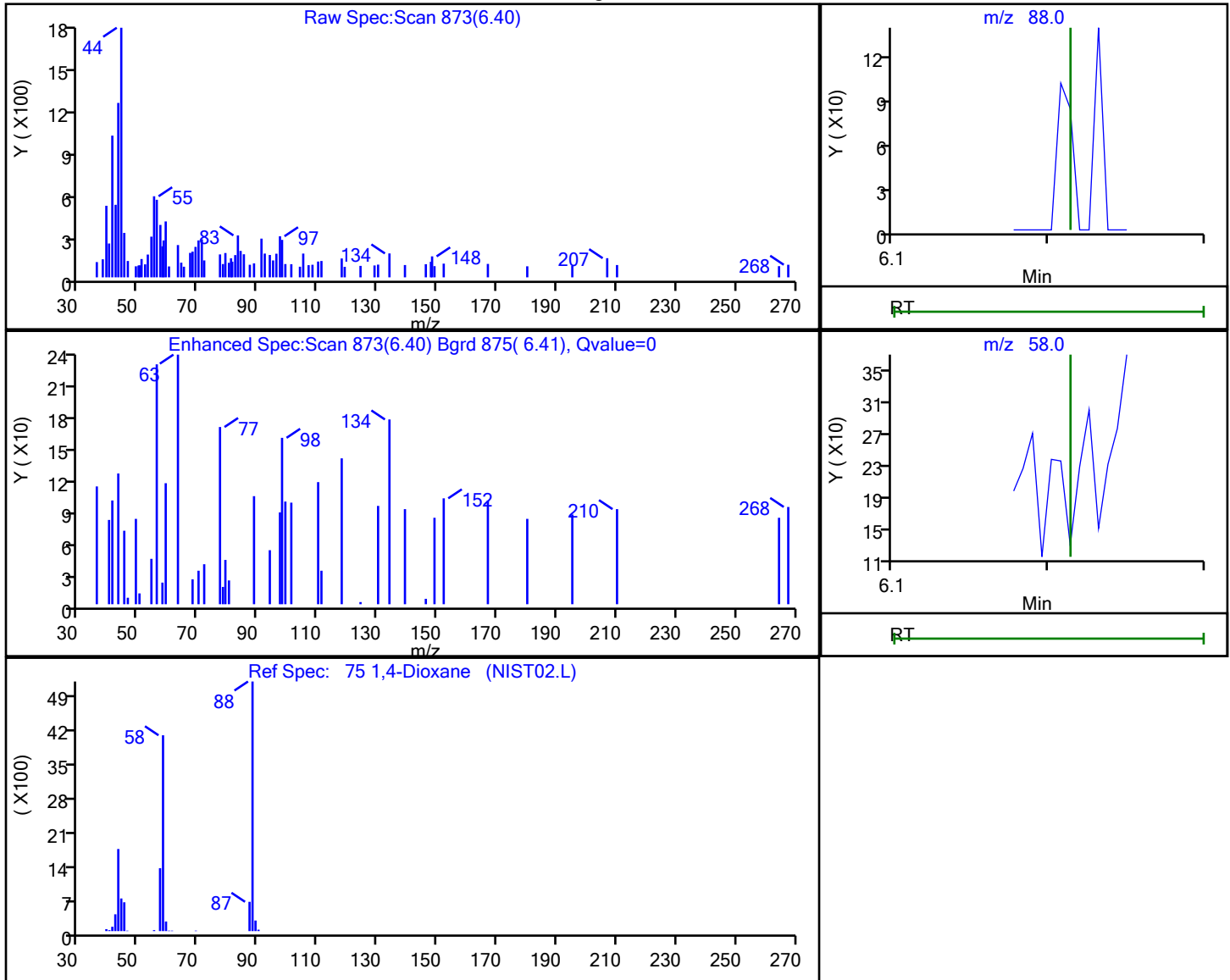
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
6.40	88.00	37	1.159337
6.40	58.00	1527	

Reviewer: baronm, 23-Dec-2021 18:23:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

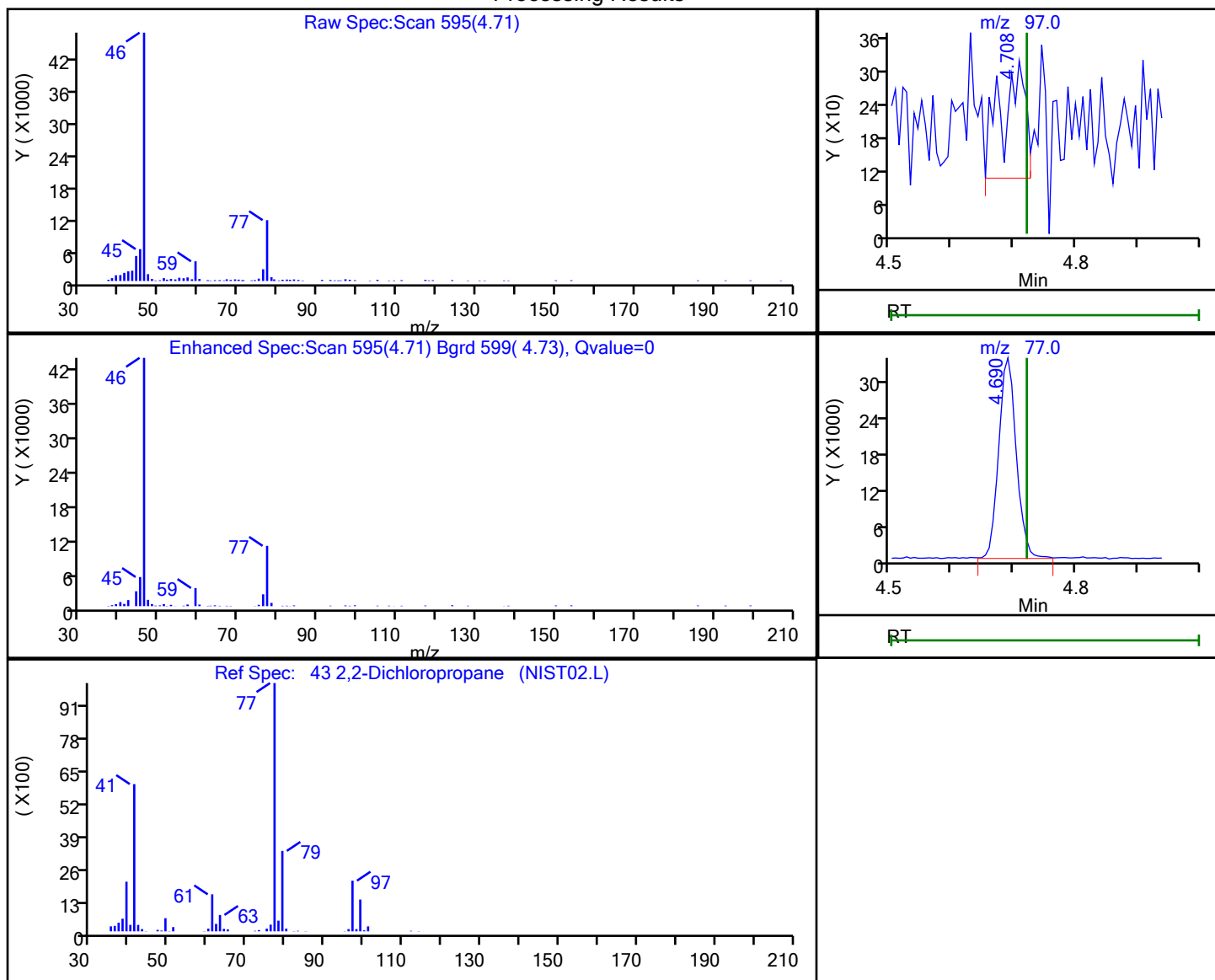
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.71	97.00	582	0.560213
4.69	77.00	66939	

Reviewer: baronm, 23-Dec-2021 18:22:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

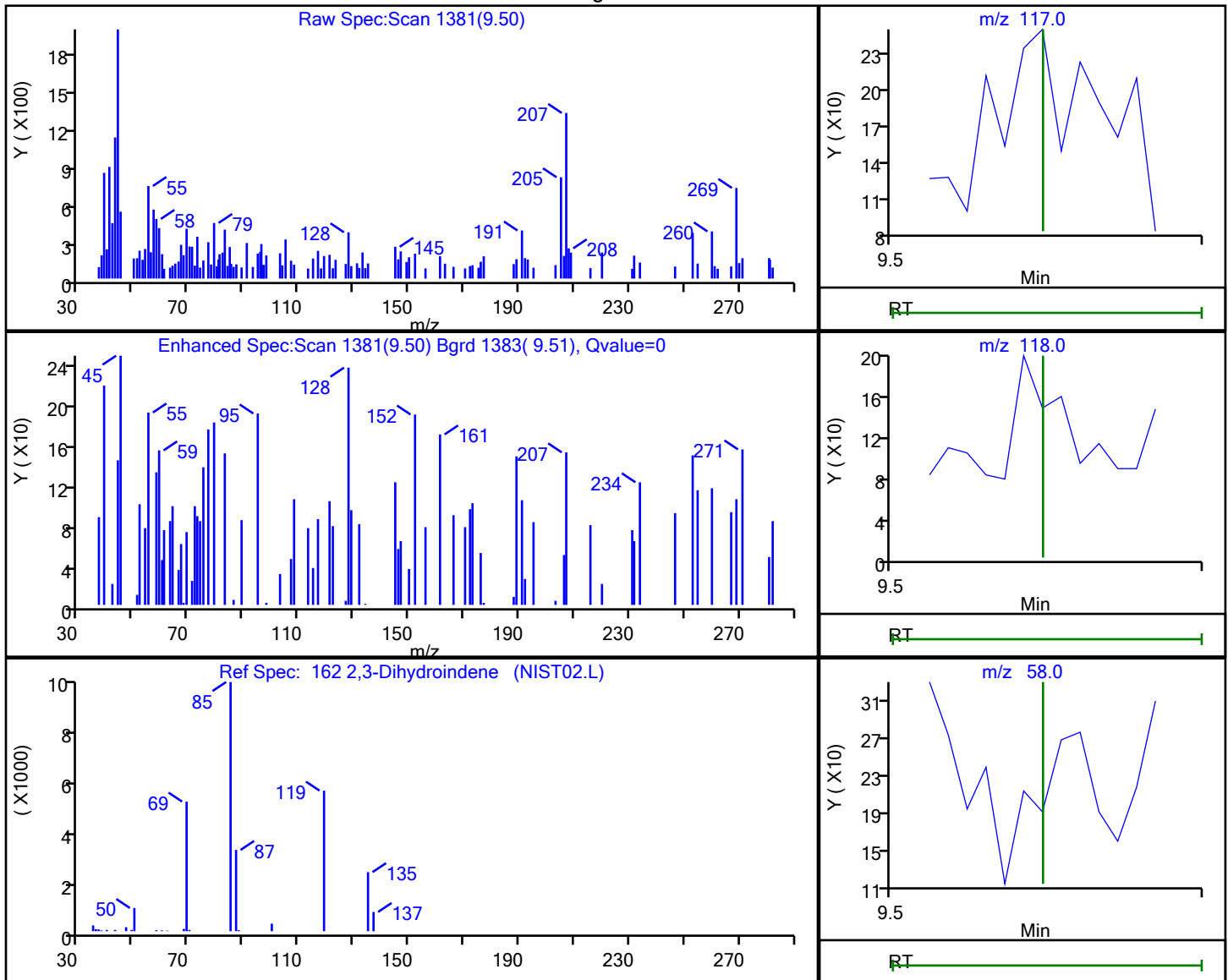
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

162 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
9.50	117.00	77	0.006074
9.51	118.00	112	
9.50	58.00	440	

Reviewer: baronm, 23-Dec-2021 18:24:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

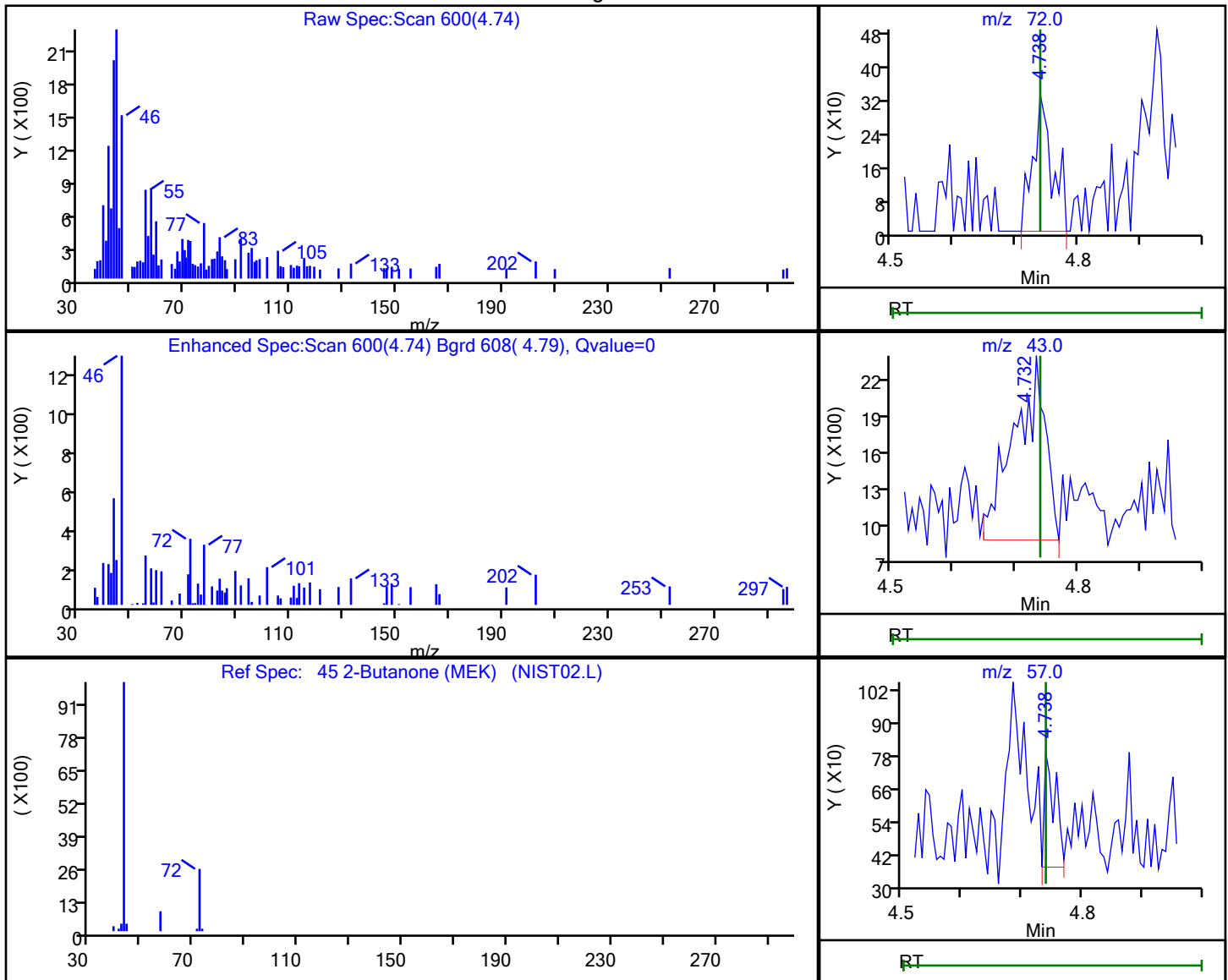
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.74	72.00	717	2.142648
4.73	43.00	4879	
4.74	57.00	531	

Reviewer: baronm, 23-Dec-2021 18:22:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

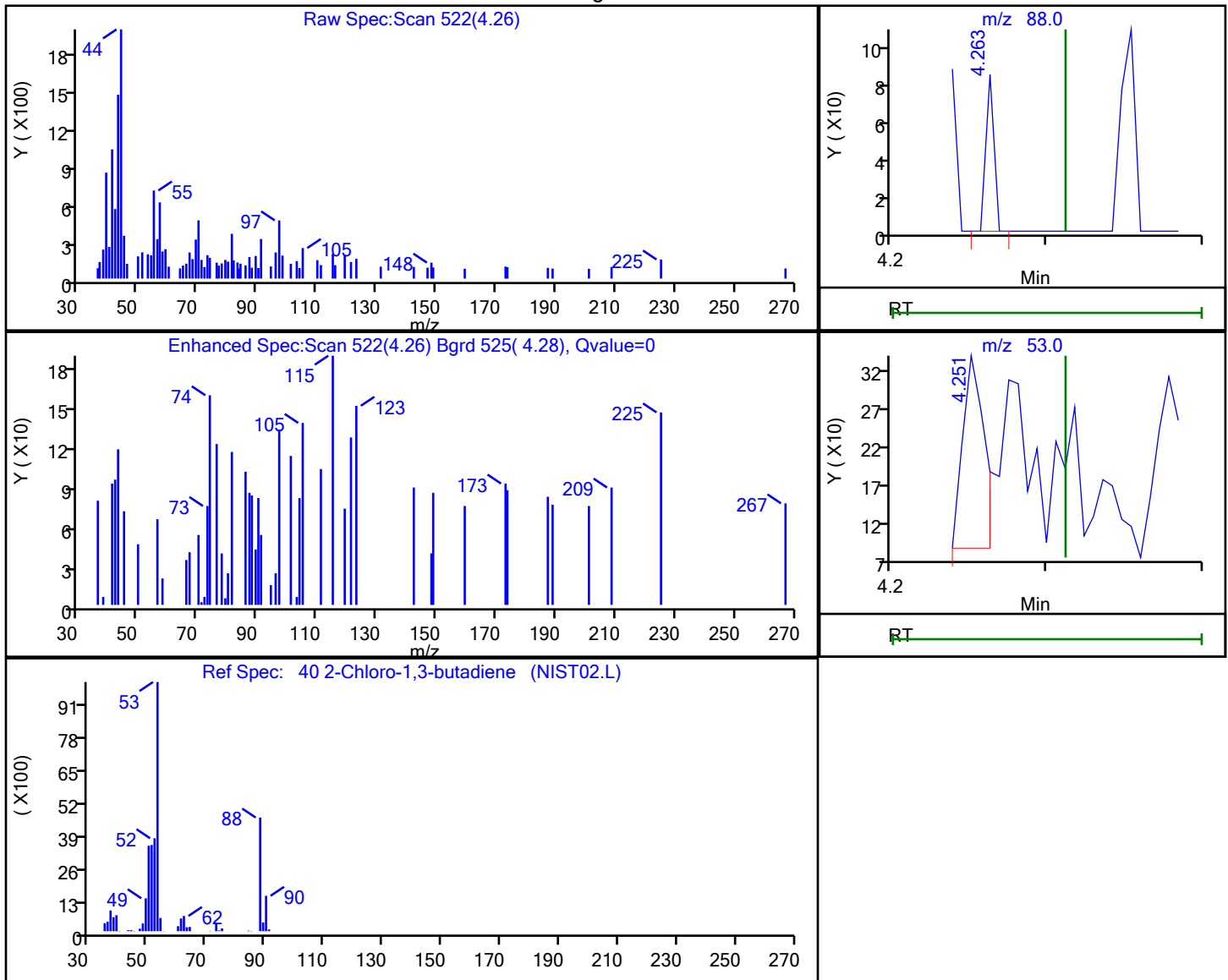
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

40 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
4.26	88.00	30	0.011418
4.25	53.00	240	

Reviewer: baronm, 23-Dec-2021 18:22:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

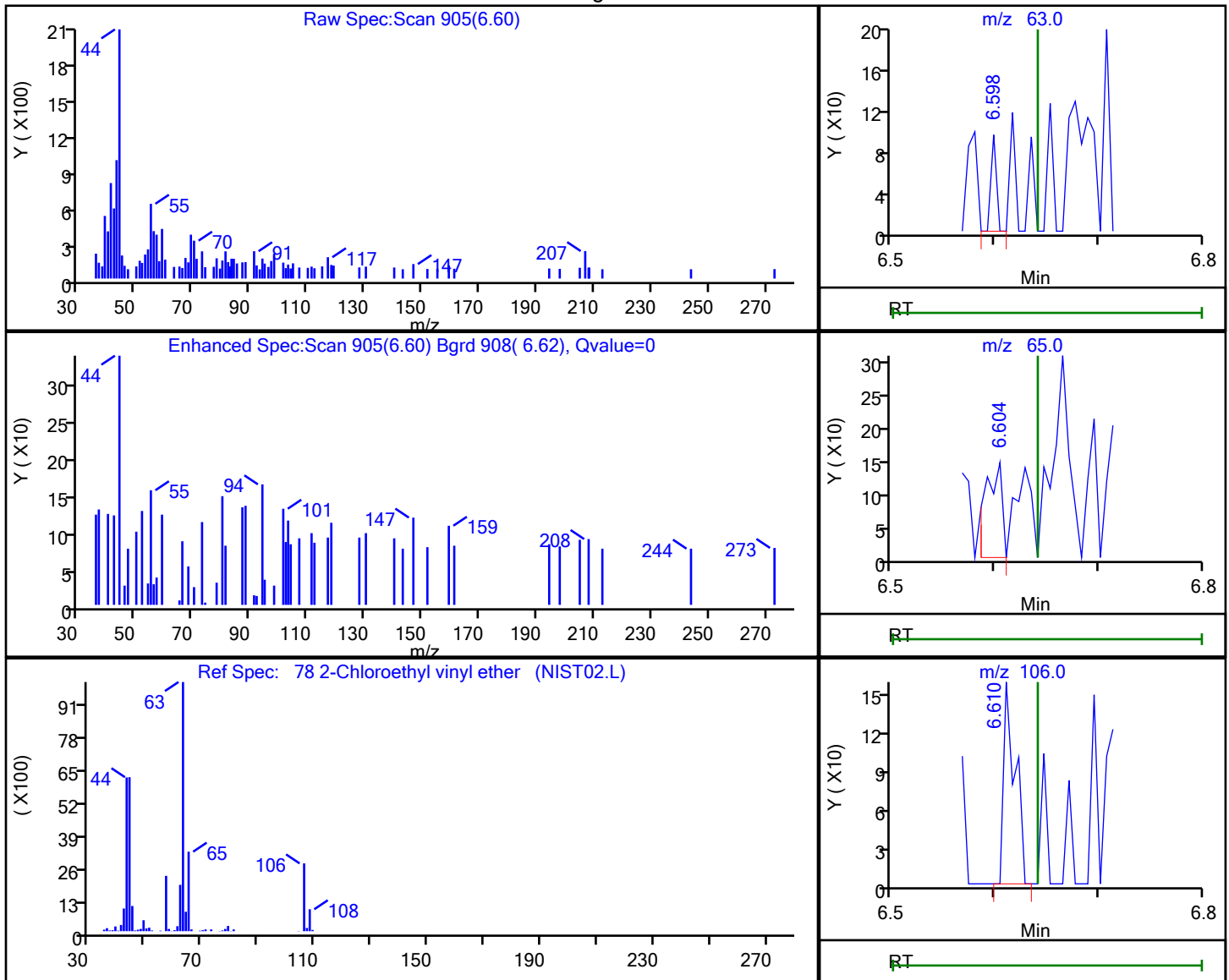
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

78 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
6.60	63.00	35	0.021317
6.60	65.00	163	
6.61	106.00	122	

Reviewer: baronm, 23-Dec-2021 18:23:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

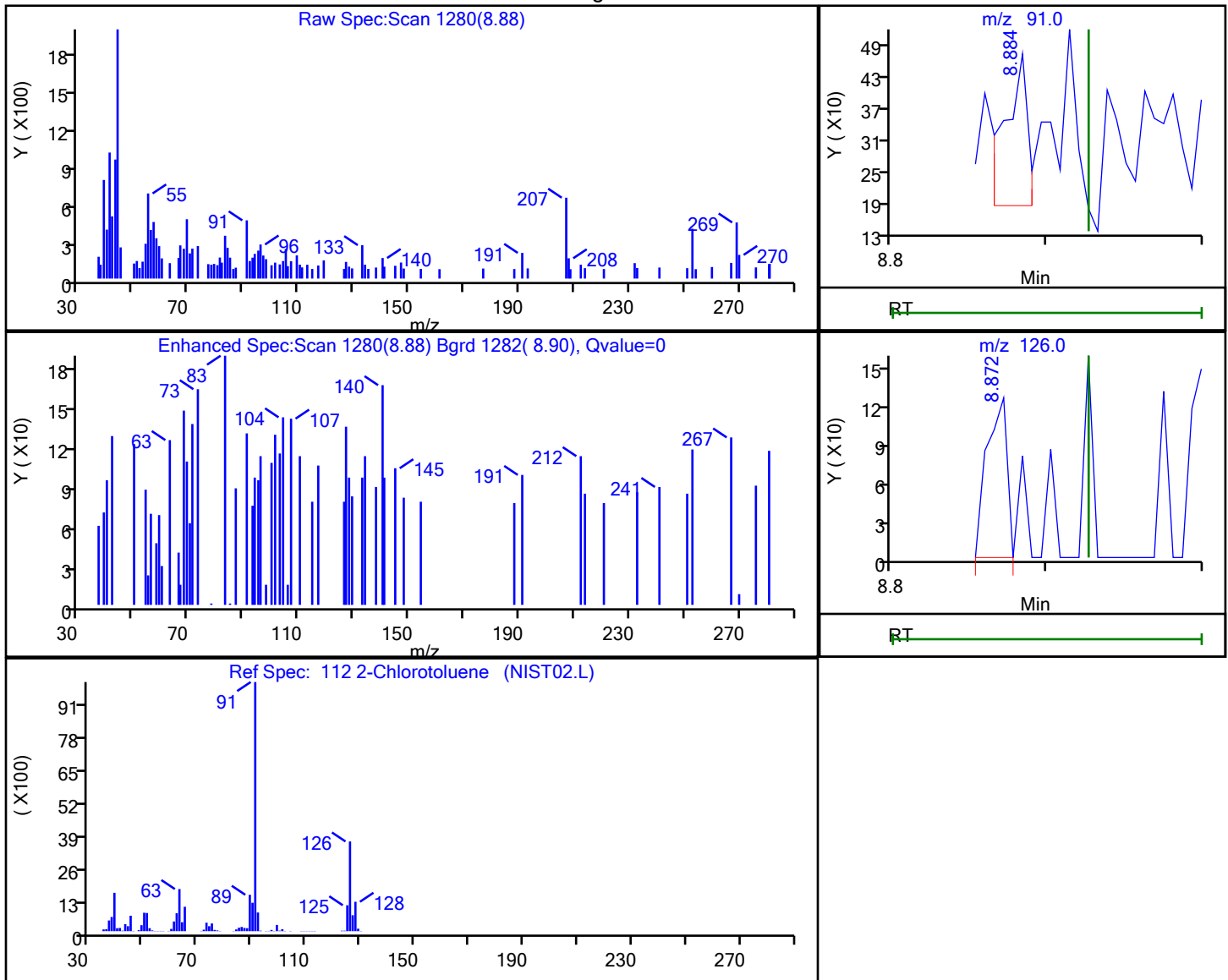
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
8.88	91.00	294	0.026221
8.87	126.00	109	

Reviewer: baronm, 23-Dec-2021 18:24:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

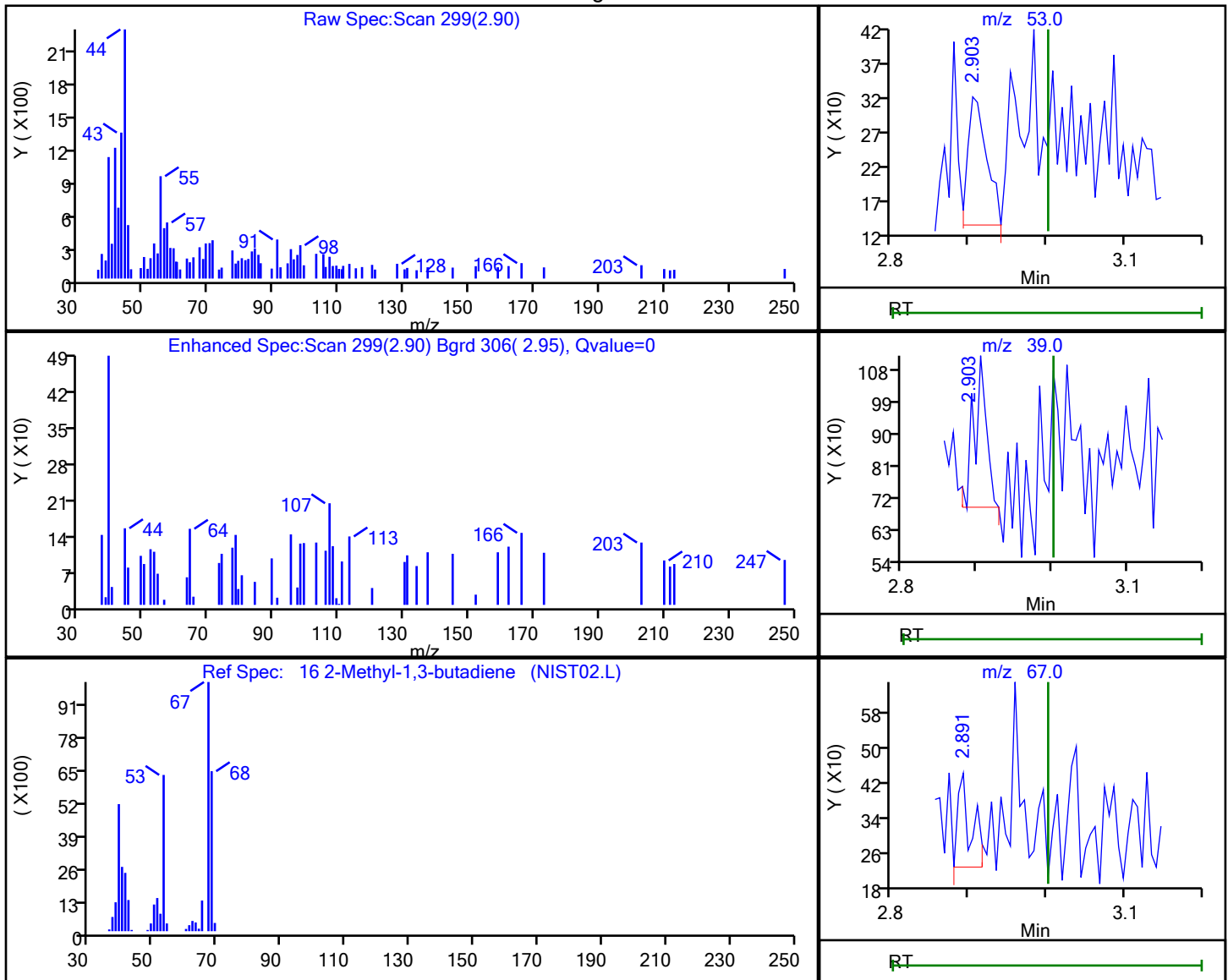
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.90	53.00	313	0.118591
2.90	39.00	493	
2.89	67.00	253	

Reviewer: baronm, 23-Dec-2021 18:21:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

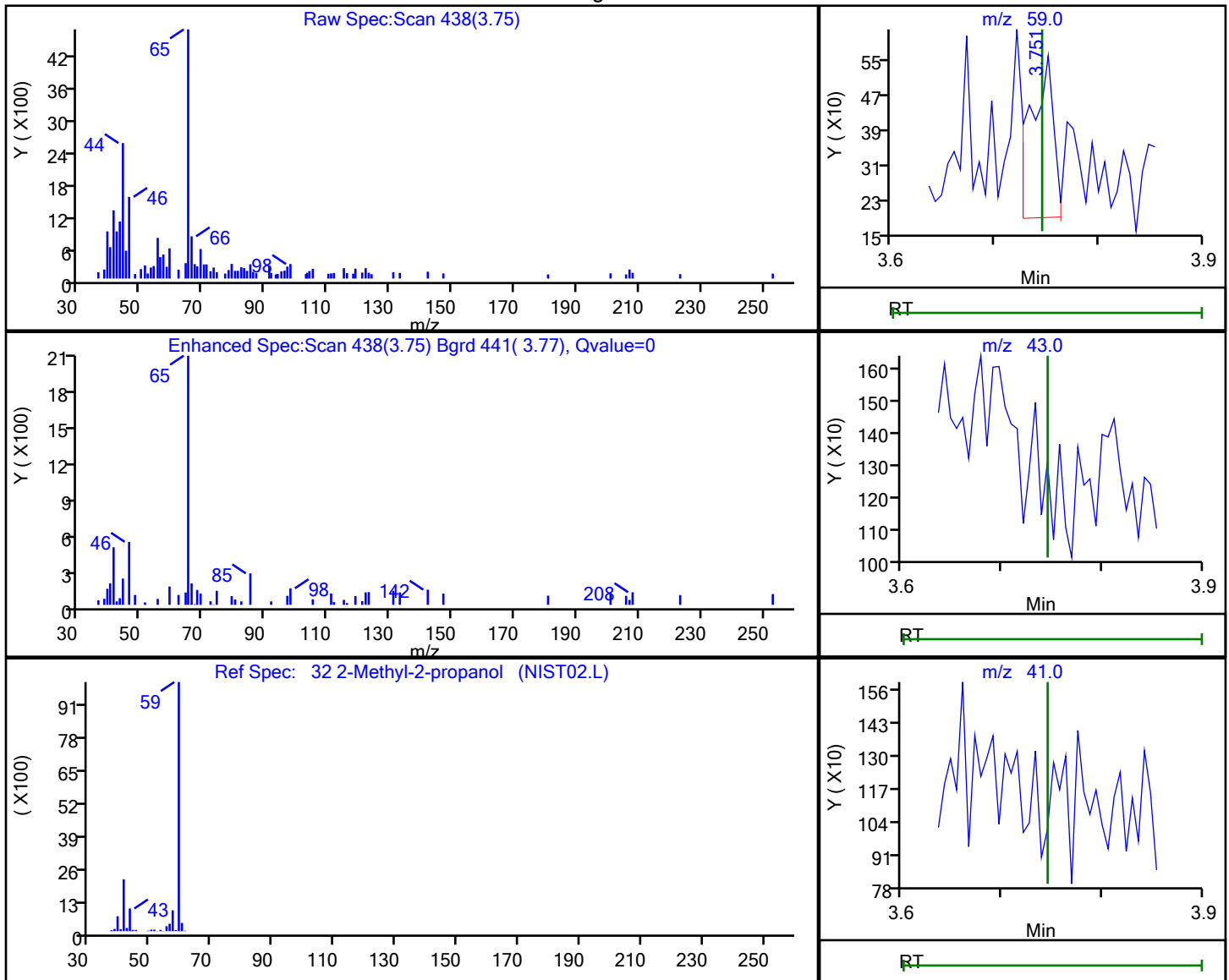
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.75	59.00	576	1.933888
3.75	43.00	0	
3.75	41.00	0	

Reviewer: baronm, 23-Dec-2021 18:21:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

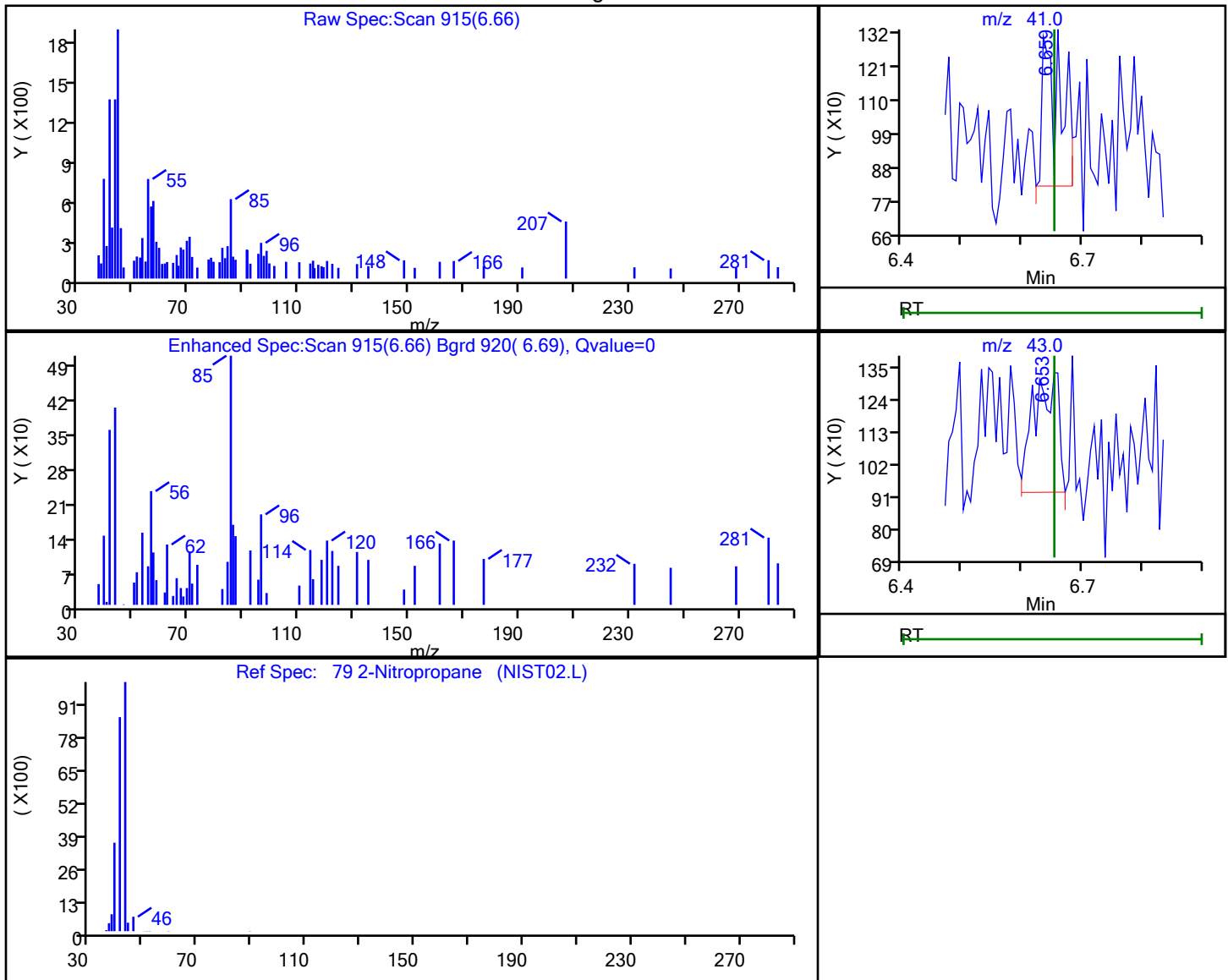
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.66	41.00	1062	1.529266
6.65	43.00	1161	

Reviewer: baronm, 23-Dec-2021 18:23:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

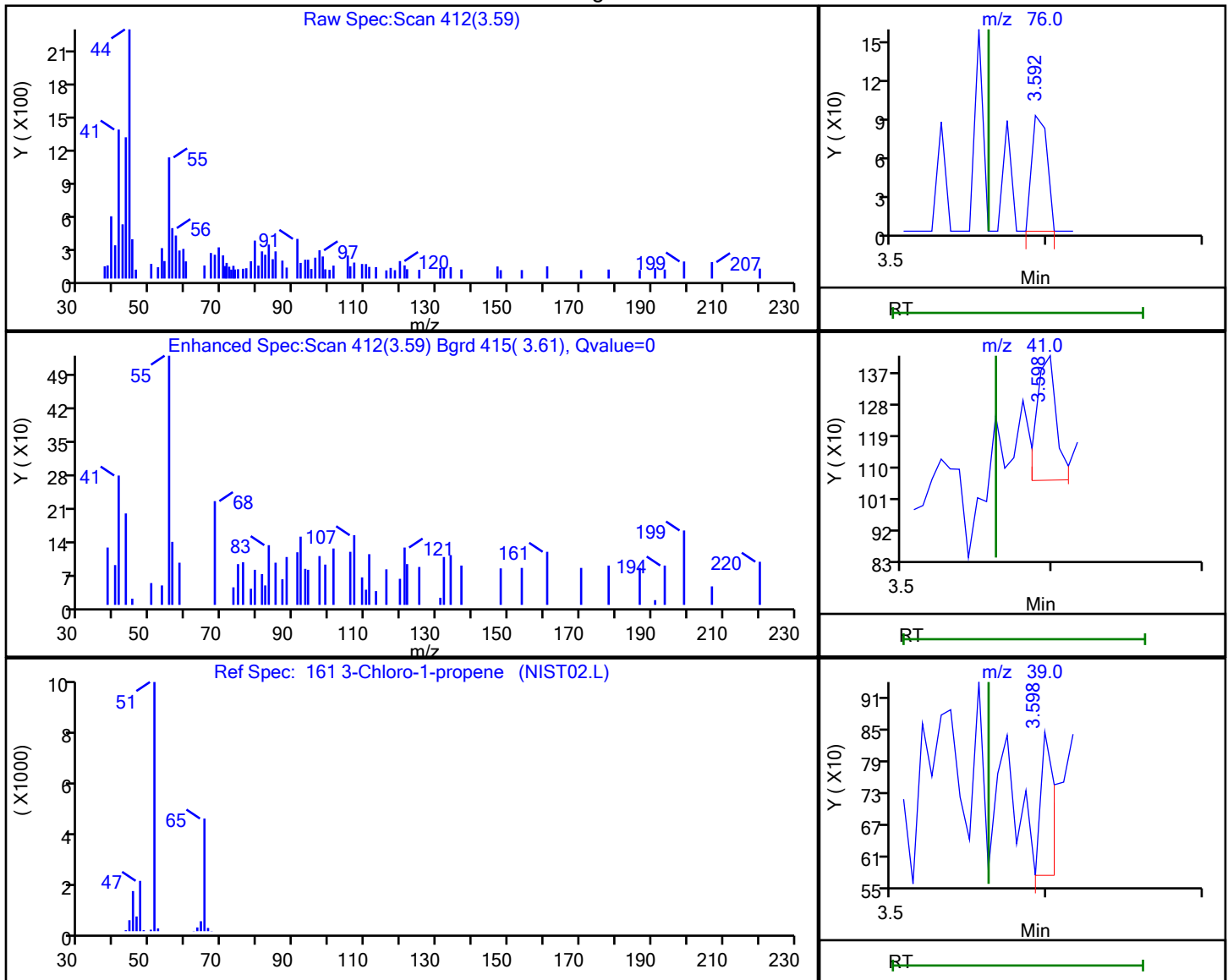
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

161 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.59	76.00	62	0.034829
3.60	41.00	325	
3.60	39.00	161	

Reviewer: baronm, 23-Dec-2021 18:21:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

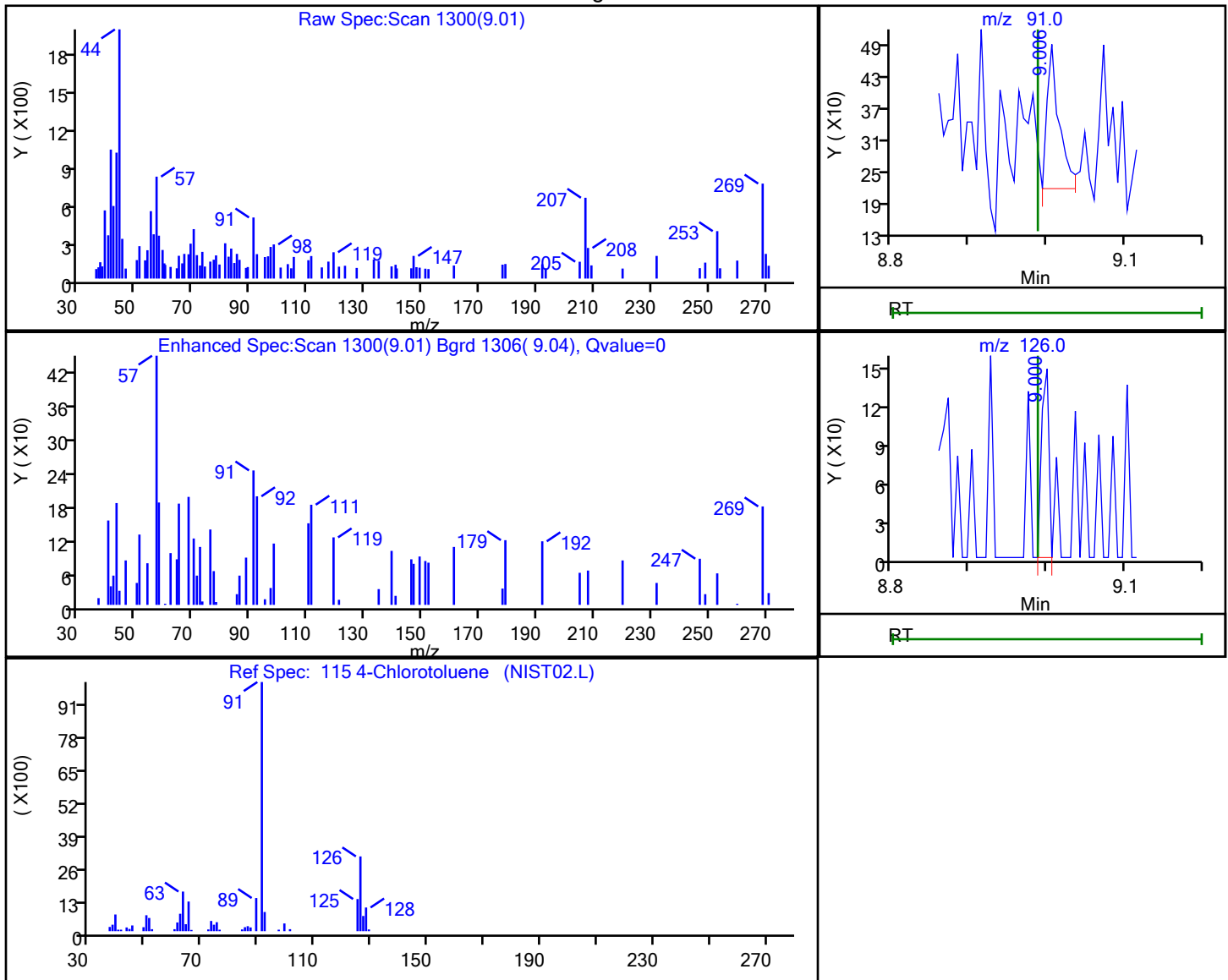
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.01	91.00	295	0.033193
9.00	126.00	94	

Reviewer: baronm, 23-Dec-2021 18:24:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

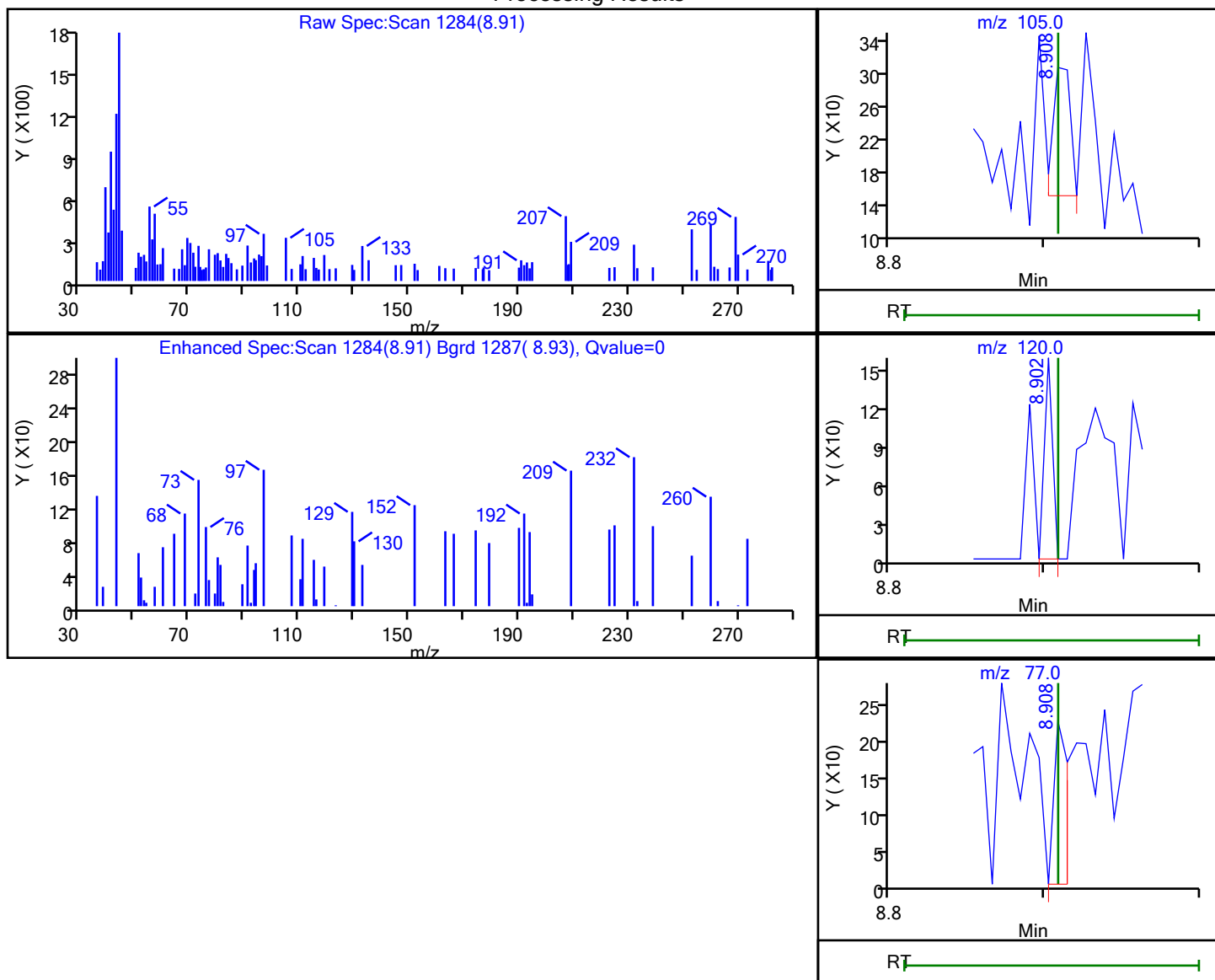
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

169 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
8.91	105.00	122	0.009679
8.90	120.00	57	
8.91	77.00	141	

Reviewer: baronm, 23-Dec-2021 18:24:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

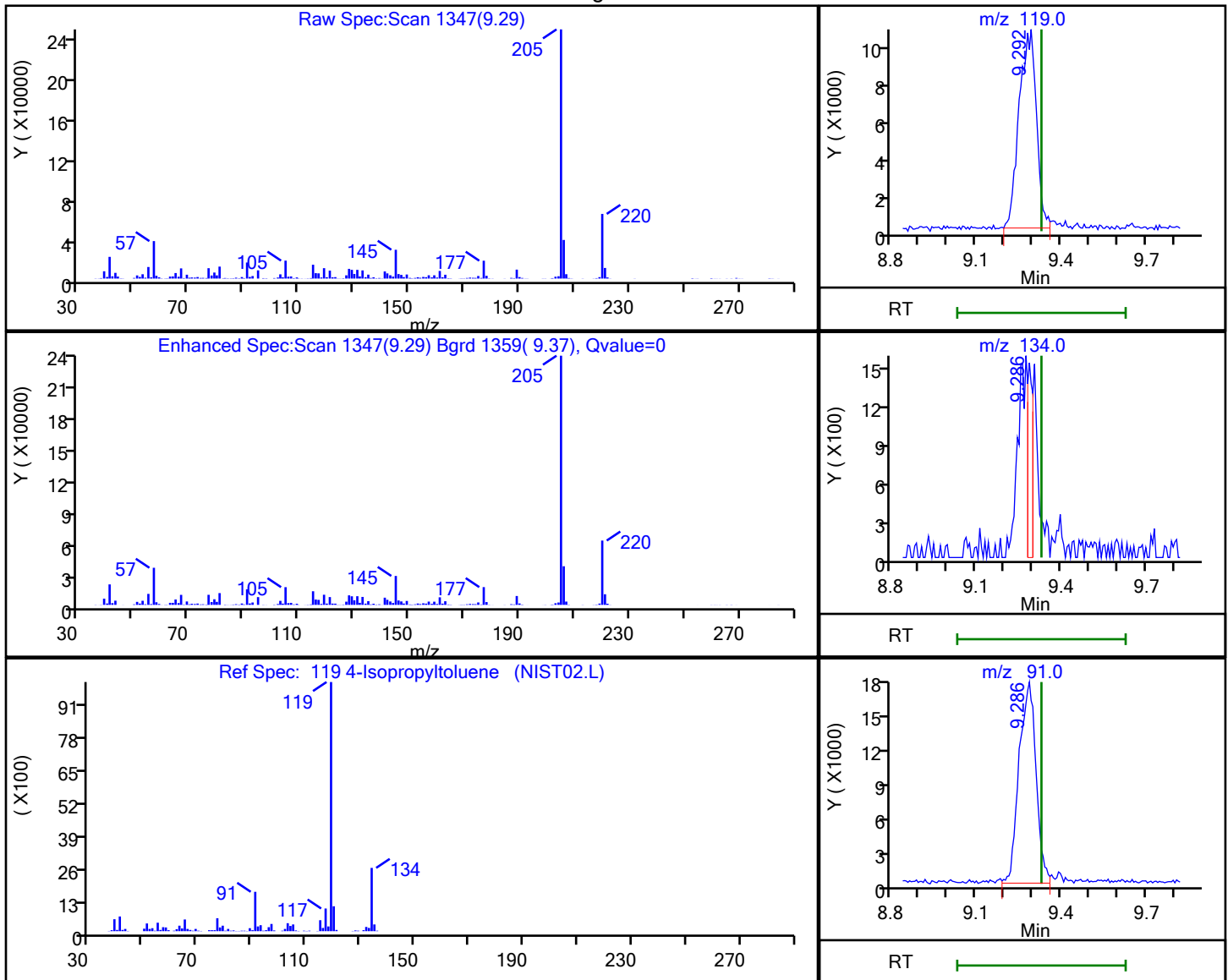
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
9.29	119.00	42756	3.213737
9.29	134.00	1983	
9.29	91.00	72039	

Reviewer: baronm, 23-Dec-2021 18:24:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

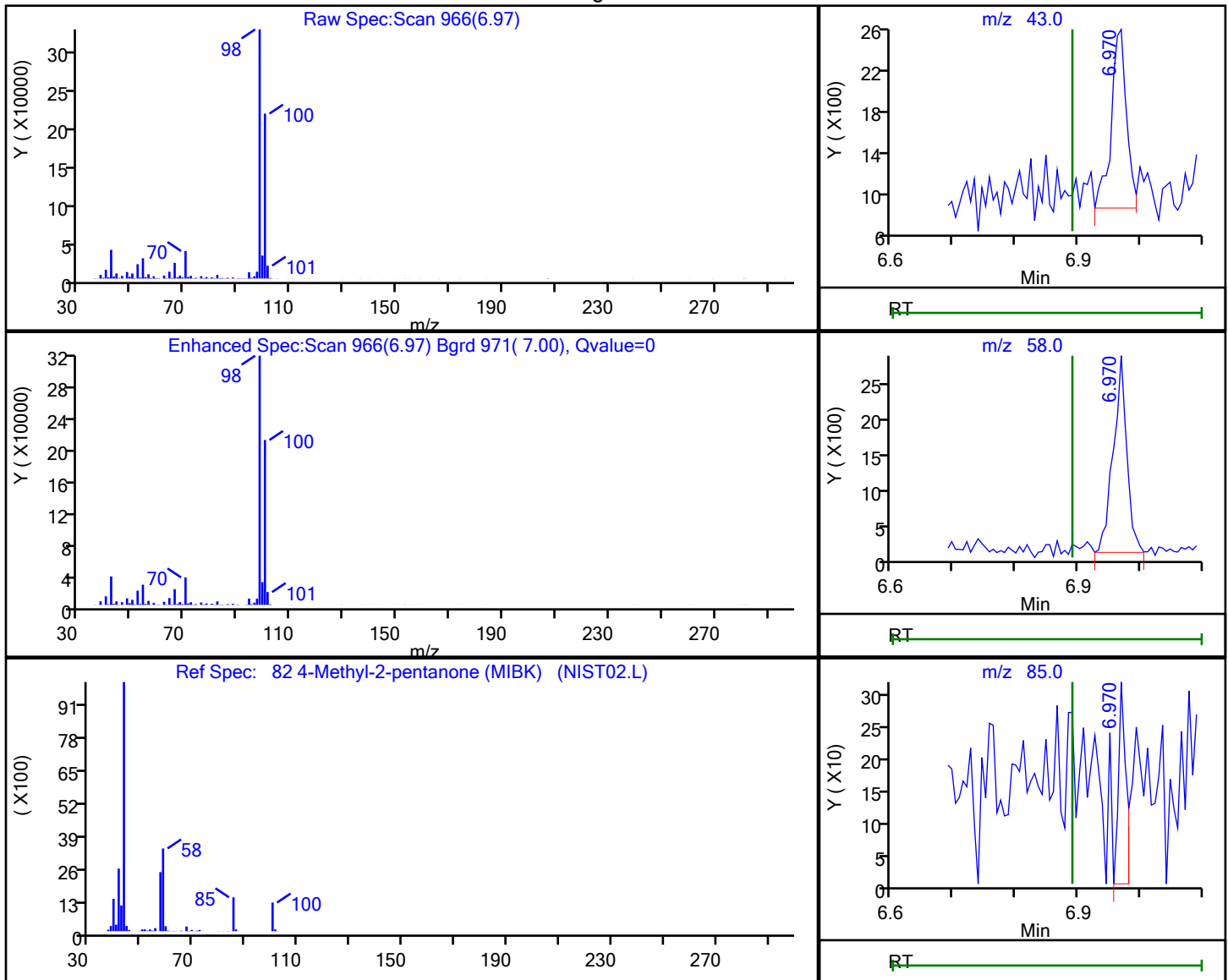
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.97	43.00	2773	1.056957
6.97	58.00	4136	
6.97	85.00	270	
6.97	100.00	328621	

Reviewer: baronm, 23-Dec-2021 18:23:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

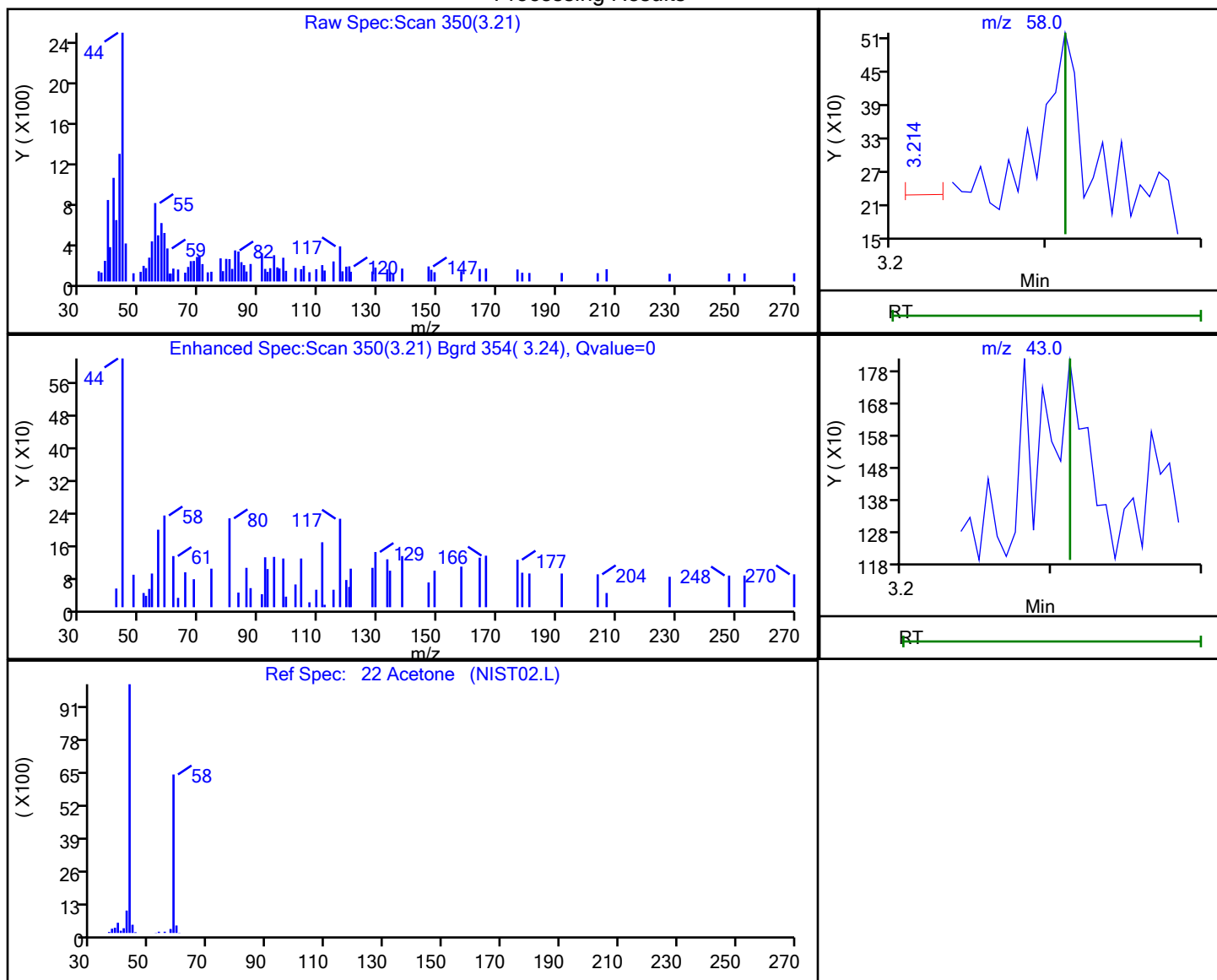
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.21	58.00	197	0.683640
3.22	43.00	287	

Reviewer: baronm, 23-Dec-2021 18:21:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

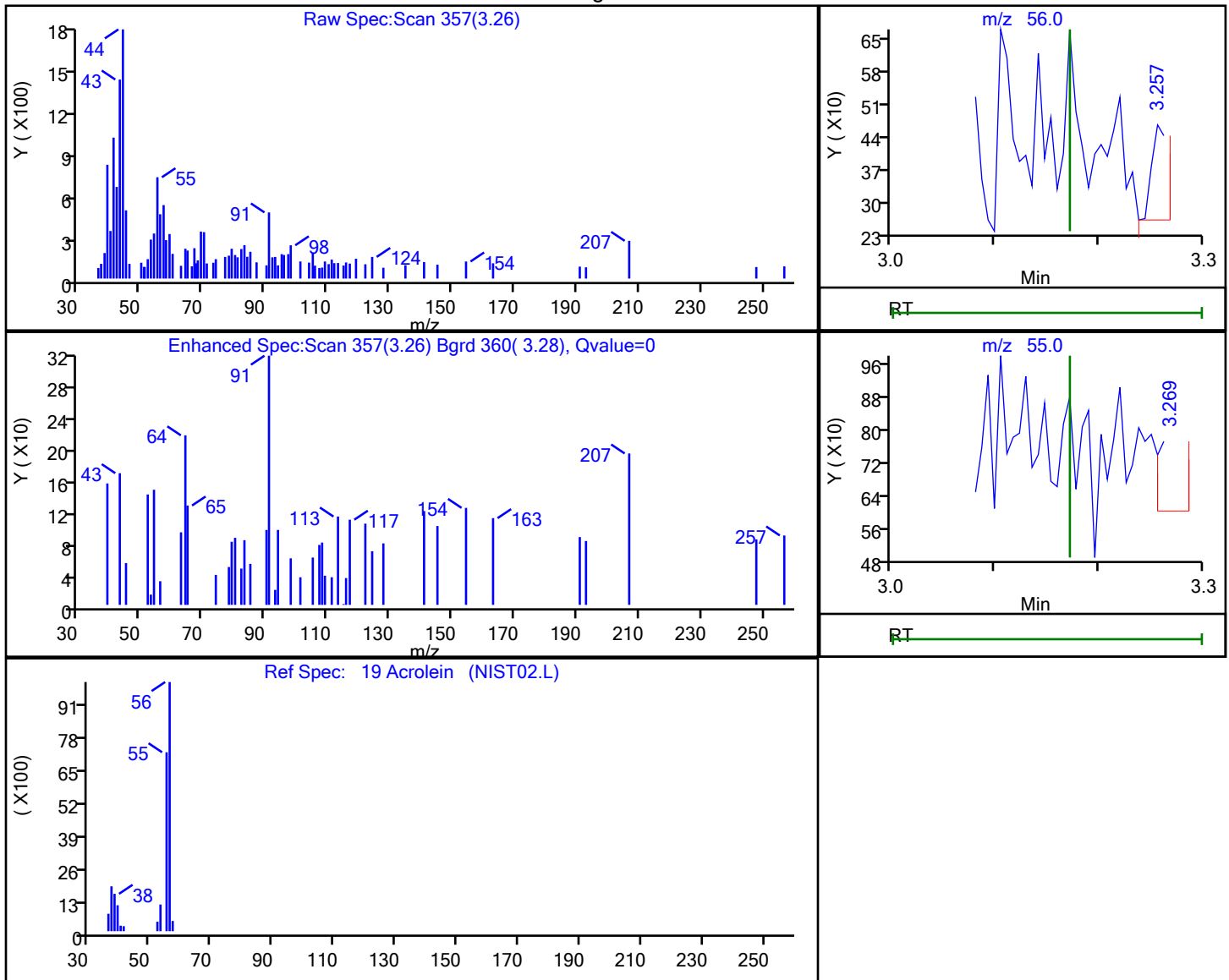
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
3.26	56.00	192	0.695875
3.27	55.00	299	

Reviewer: baronm, 23-Dec-2021 18:21:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

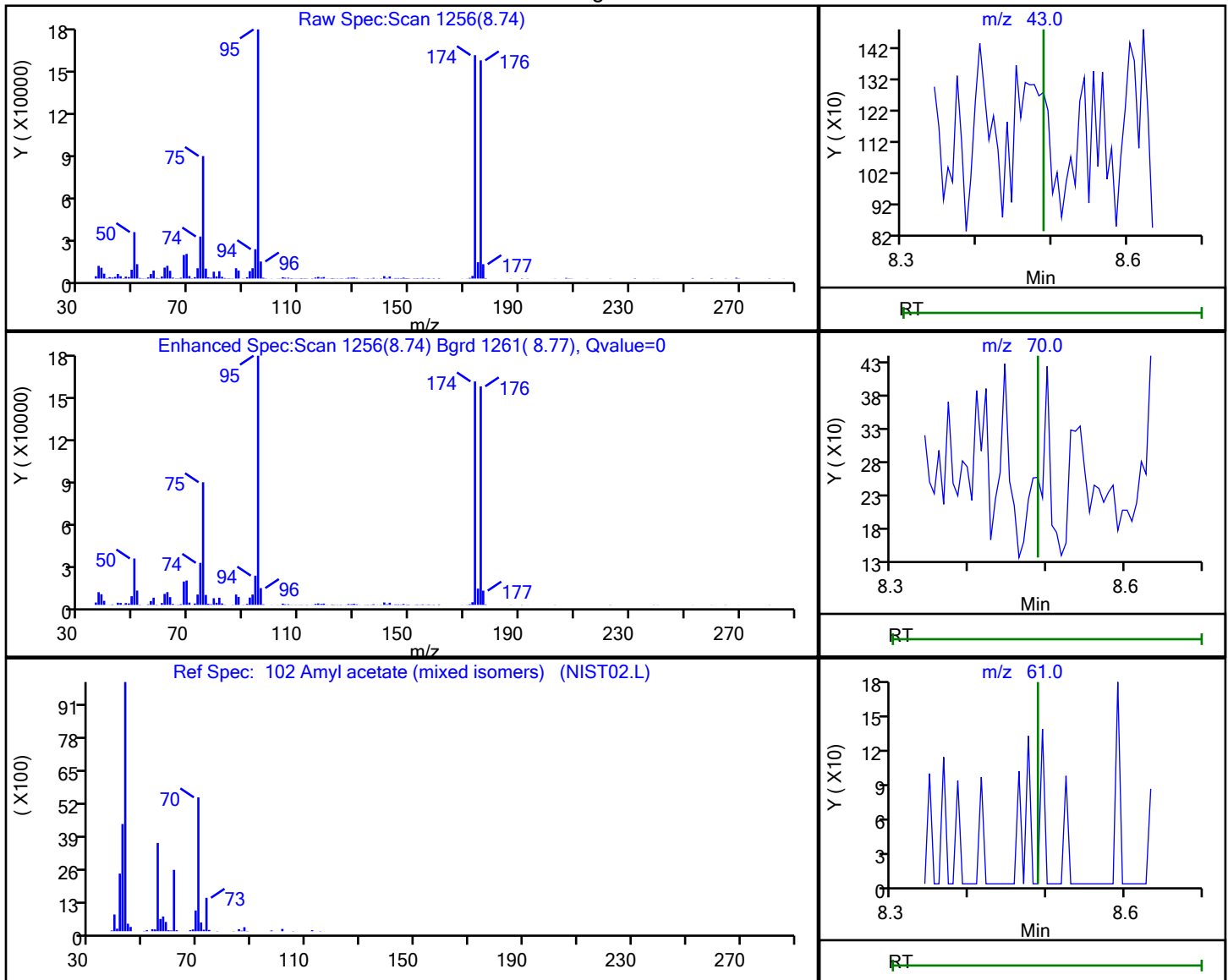
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.74	43.00	557	0.114767
8.74	70.00	1737	
8.74	61.00	8472	

Reviewer: baronm, 23-Dec-2021 18:24:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

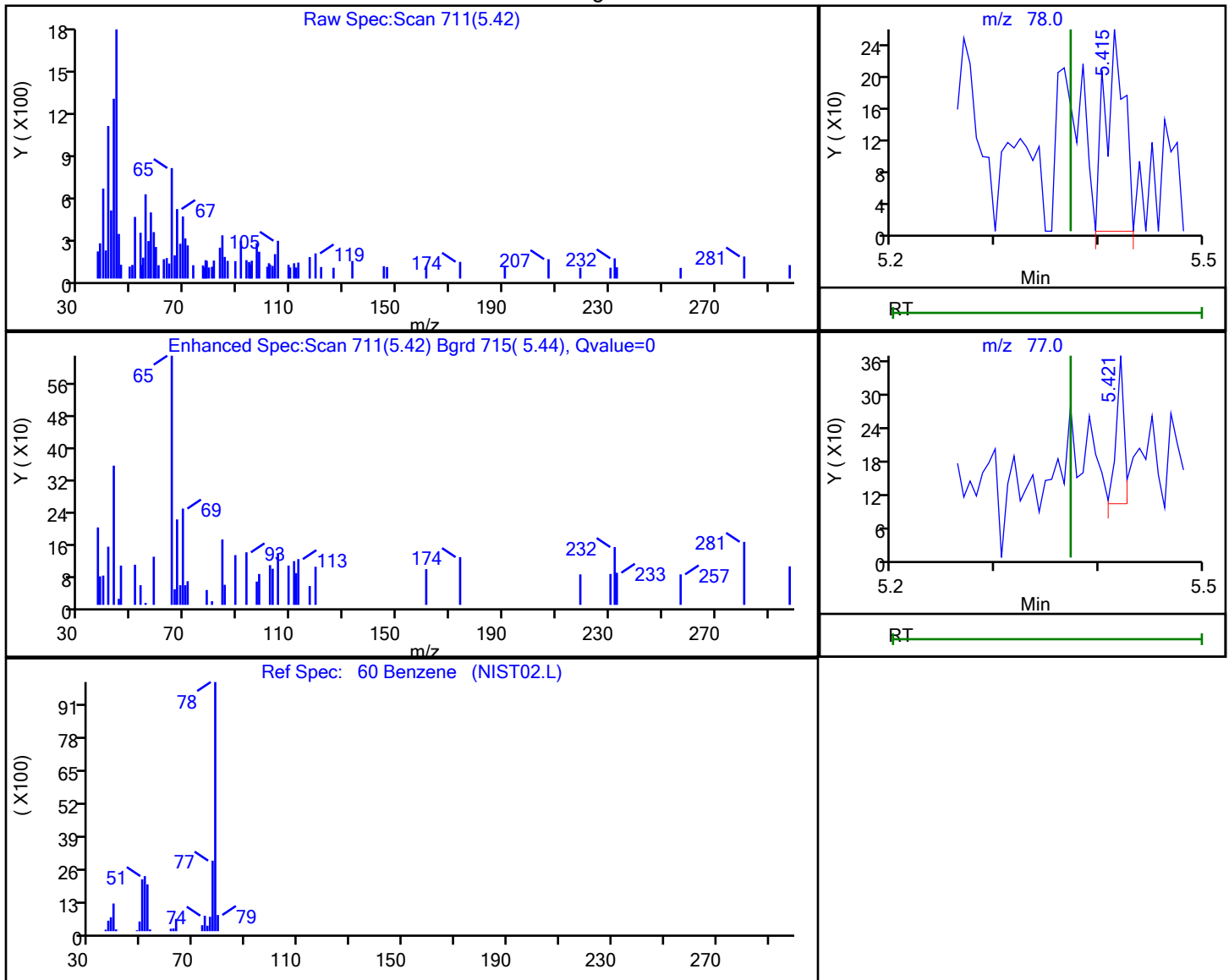
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.42	78.00	328	0.030931
5.42	77.00	144	

Reviewer: baronm, 23-Dec-2021 18:22:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

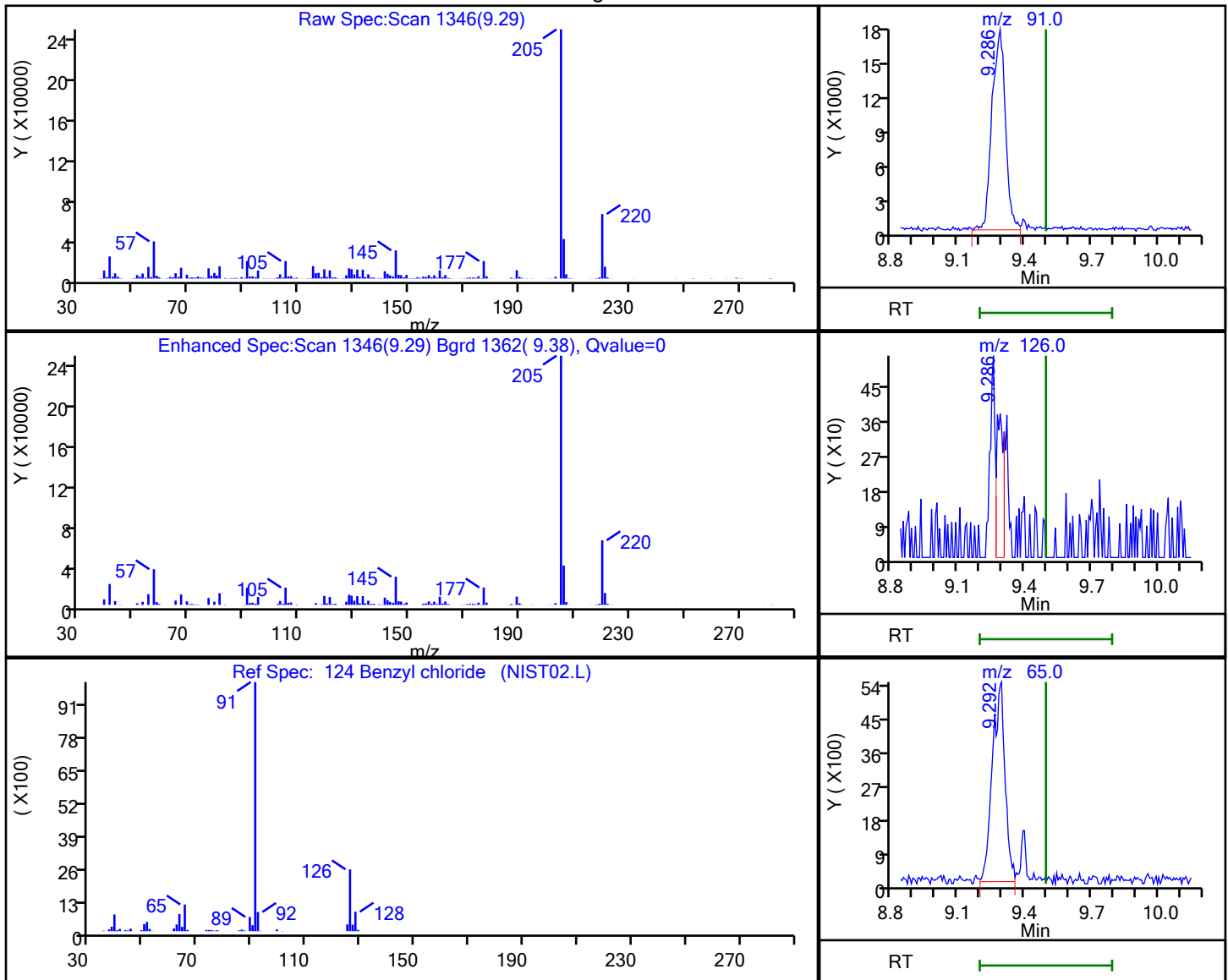
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
9.29	91.00	72441	12.315864
9.29	126.00	817	
9.29	65.00	21339	

Reviewer: baronm, 23-Dec-2021 18:24:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

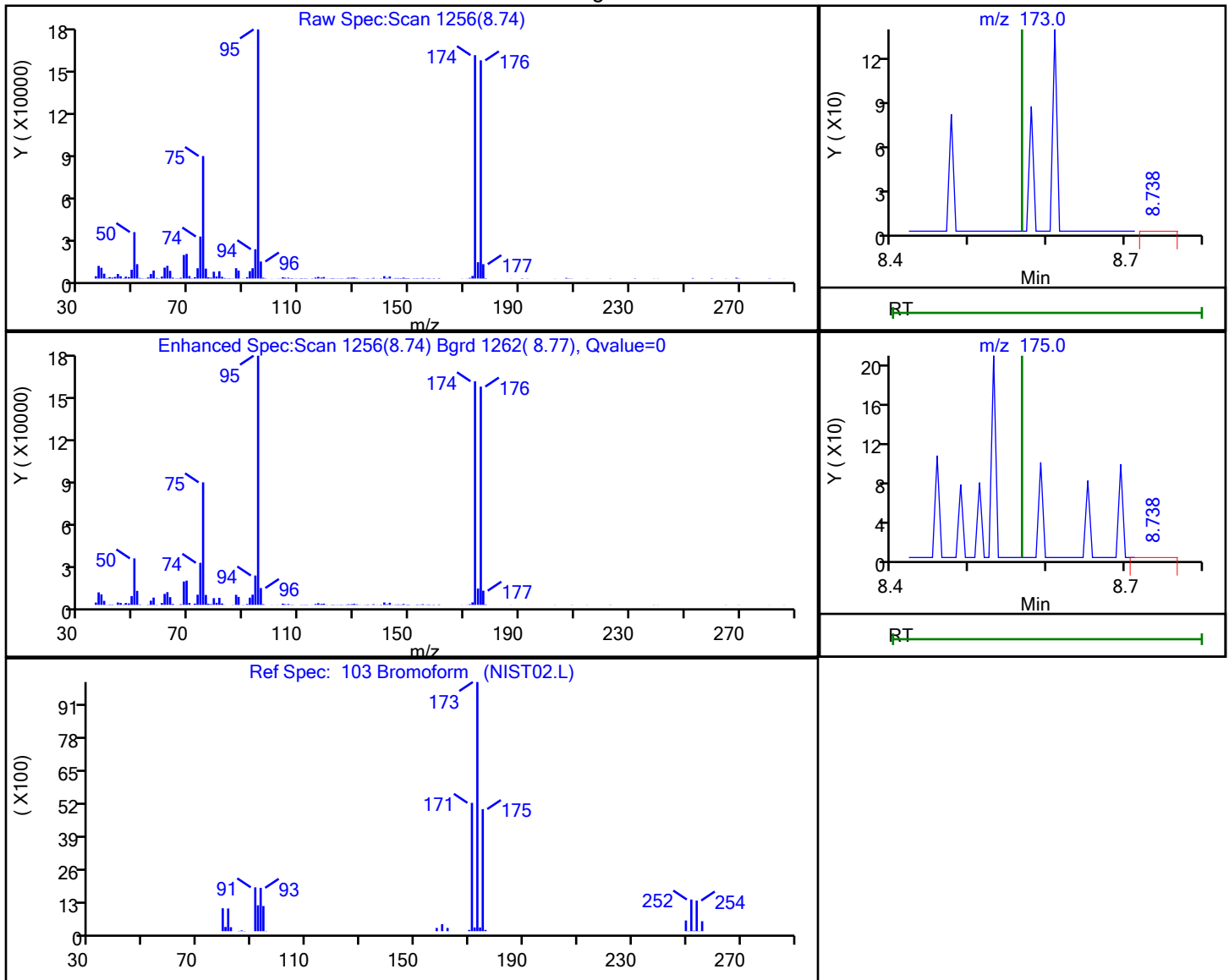
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.74	173.00	1907	1.168610
8.74	175.00	12945	

Reviewer: baronm, 23-Dec-2021 18:24:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

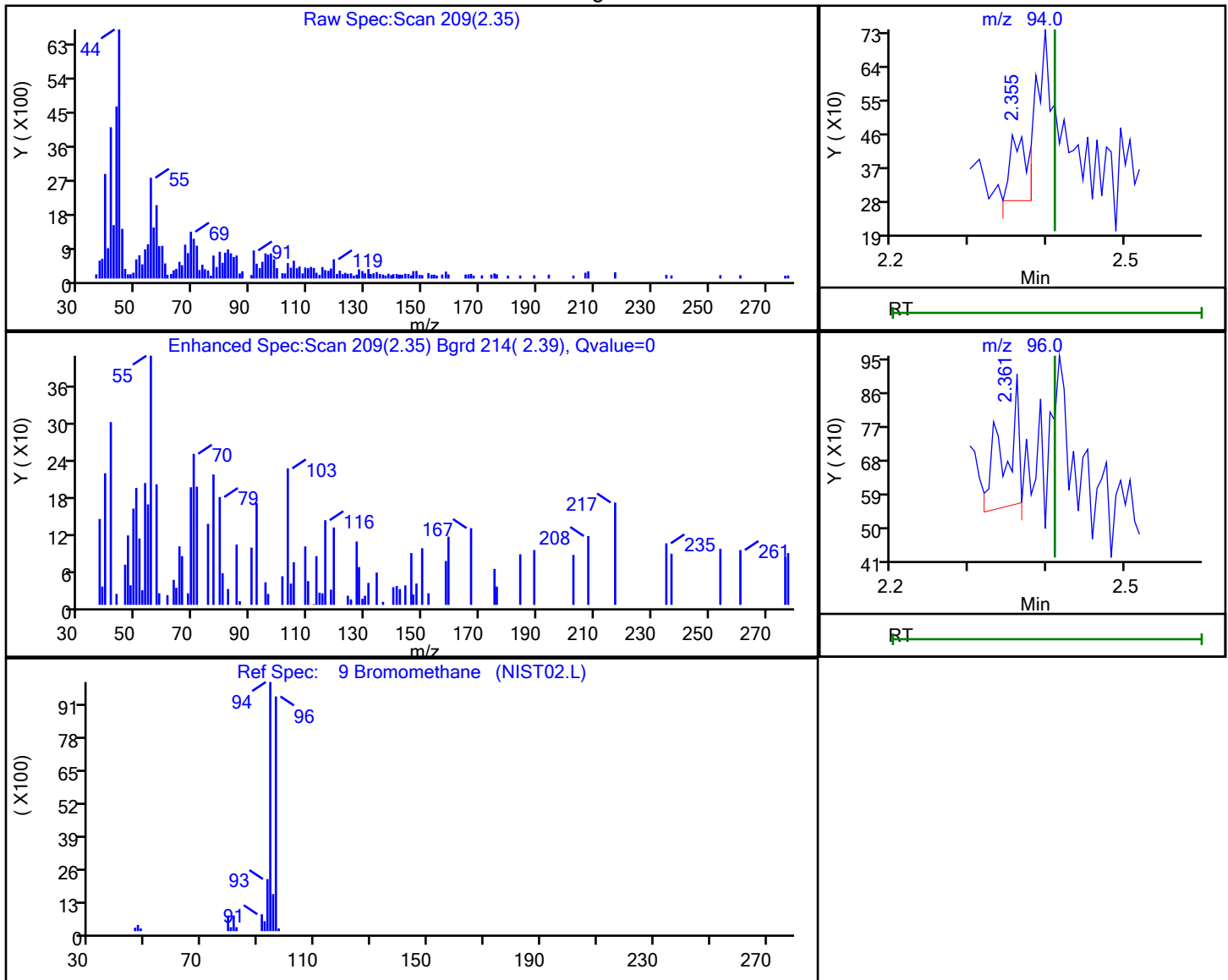
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.35	94.00	276	0.070846
2.36	96.00	428	

Reviewer: baronm, 23-Dec-2021 18:21:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

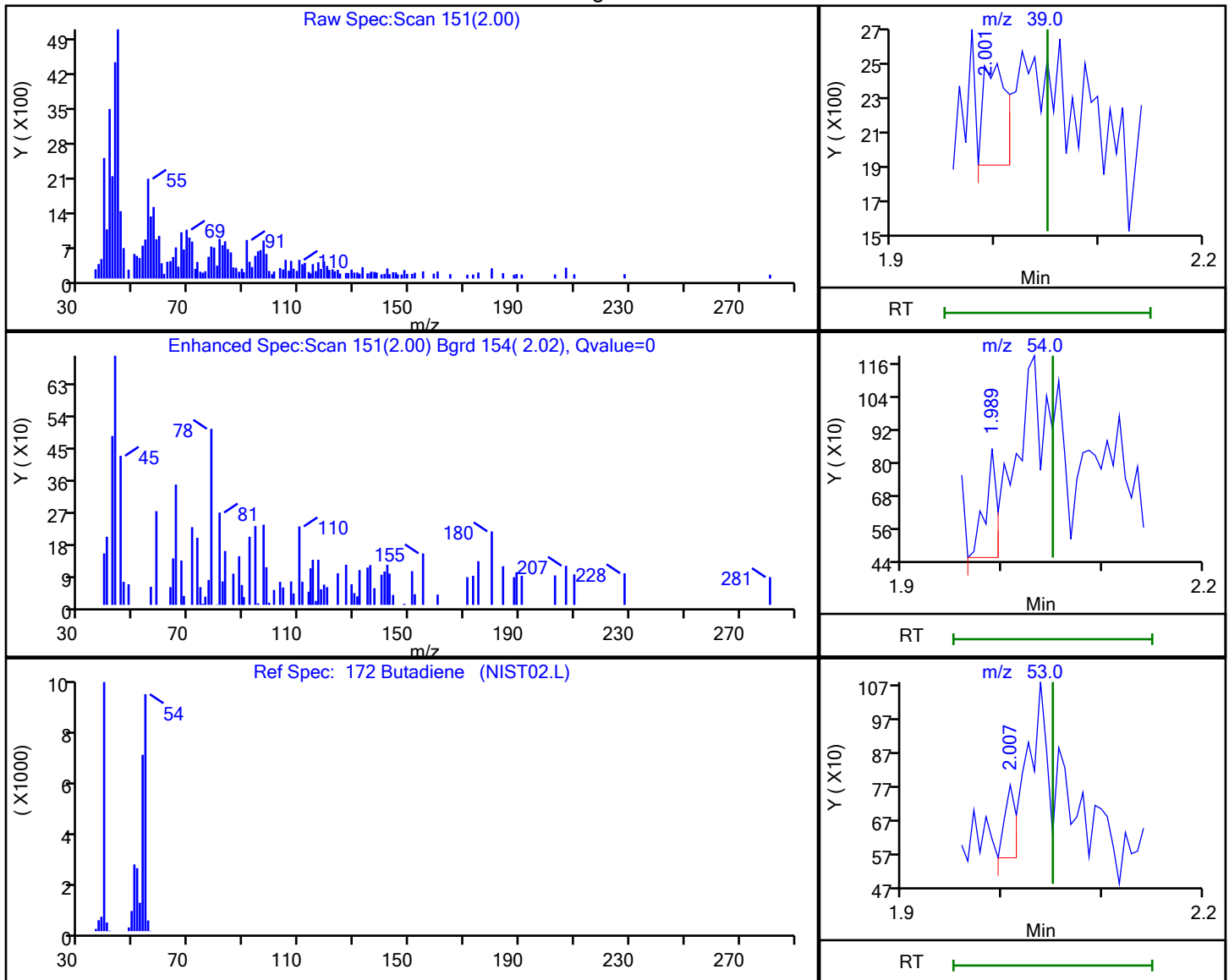
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

172 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
2.00	39.00	823	0.161735
1.99	54.00	325	
2.01	53.00	168	

Reviewer: baronm, 23-Dec-2021 18:21:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

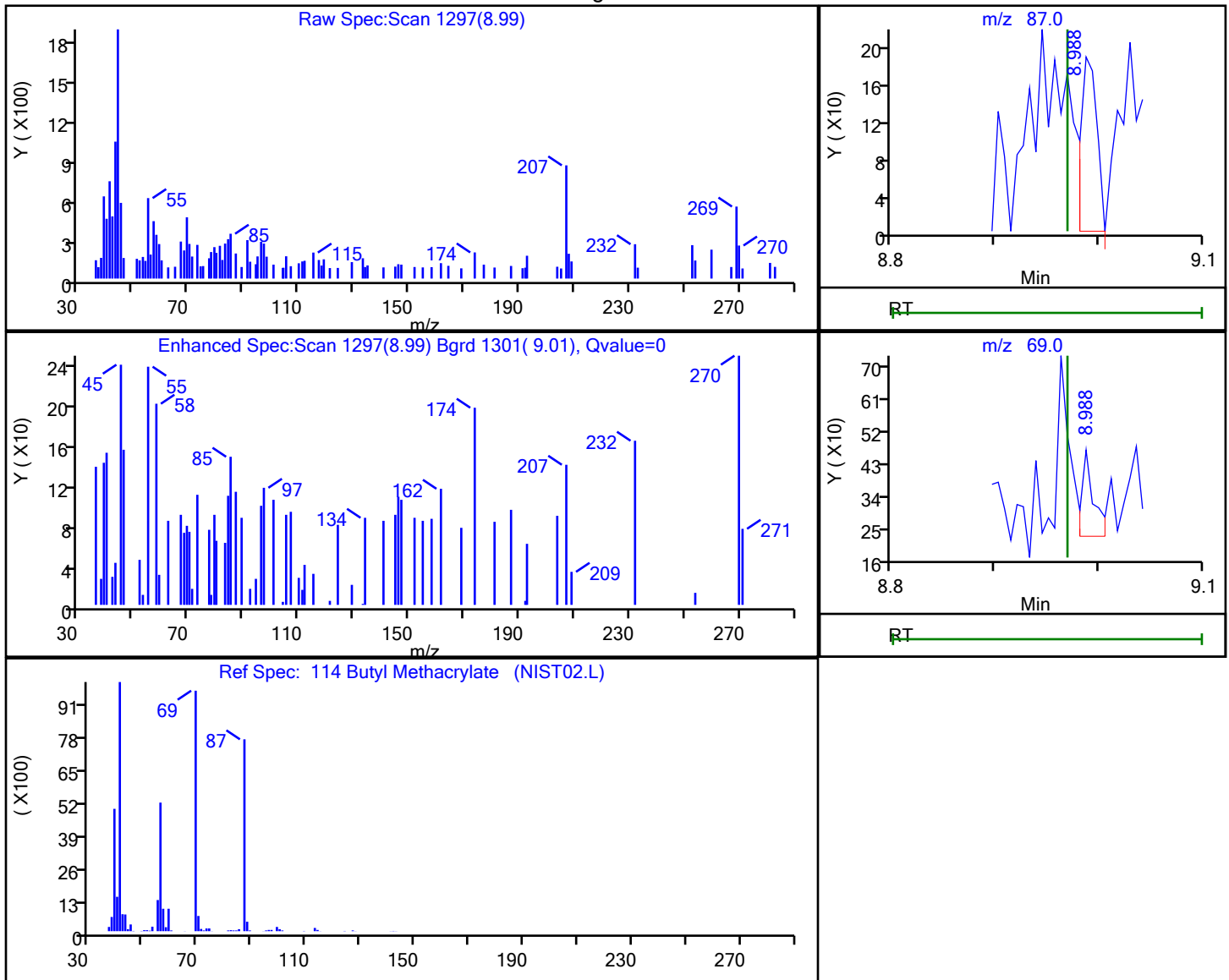
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
8.99	87.00	204	0.044523
8.99	69.00	195	

Reviewer: baronm, 23-Dec-2021 18:24:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

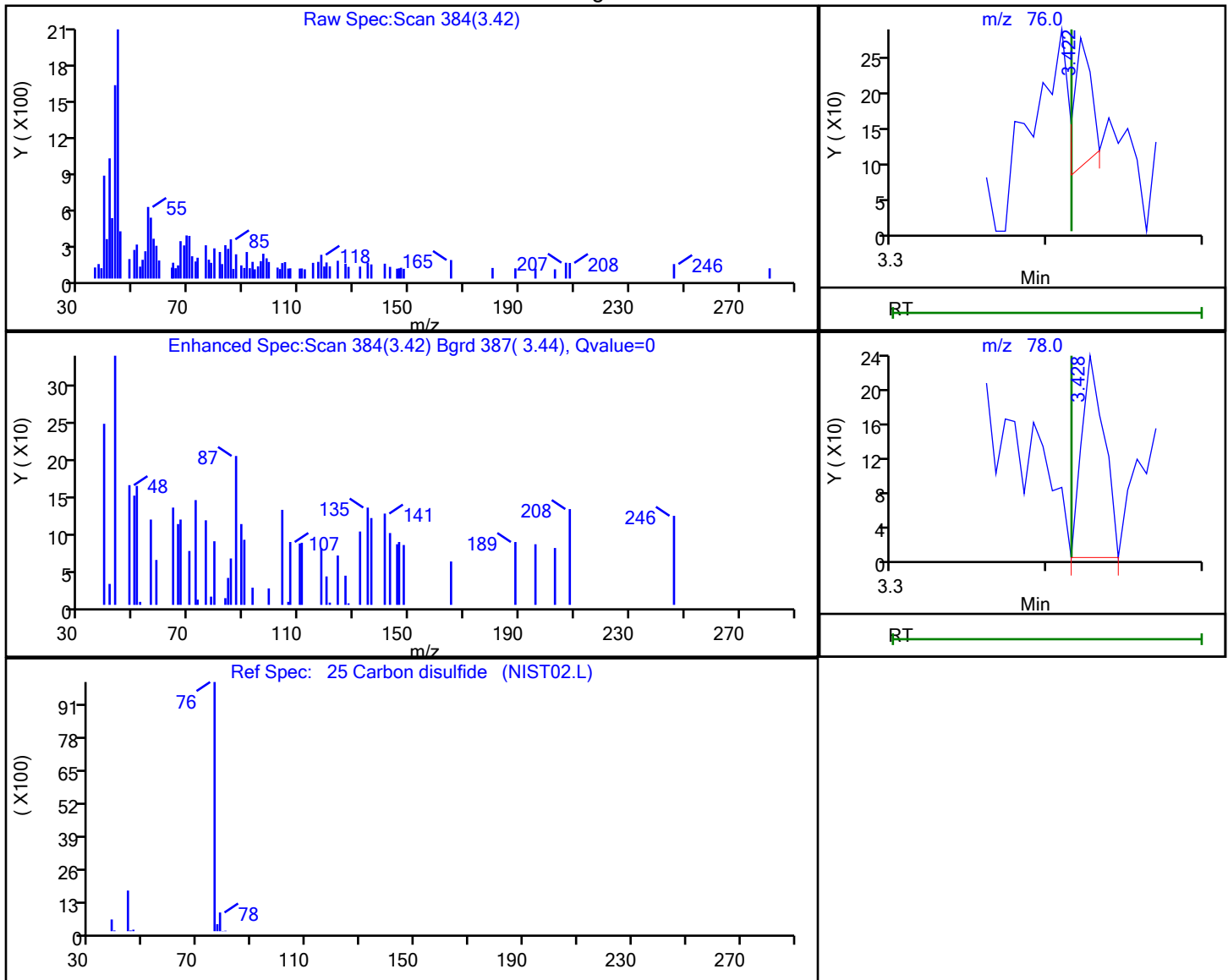
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.42	76.00	138	0.013810
3.43	78.00	238	

Reviewer: baronm, 23-Dec-2021 18:21:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

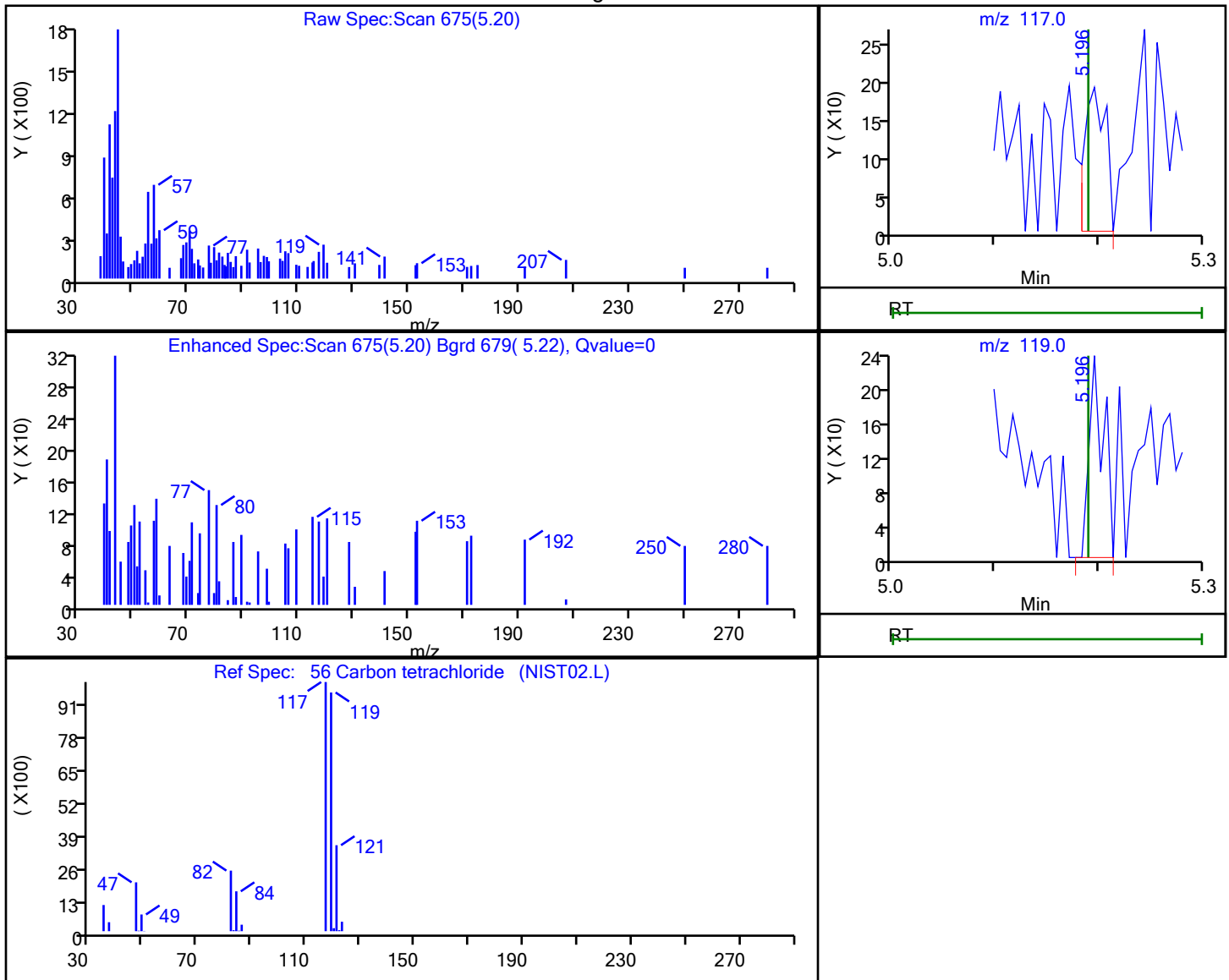
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

56 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
5.20	117.00	265	0.064884
5.20	119.00	233	

Reviewer: baronm, 23-Dec-2021 18:22:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

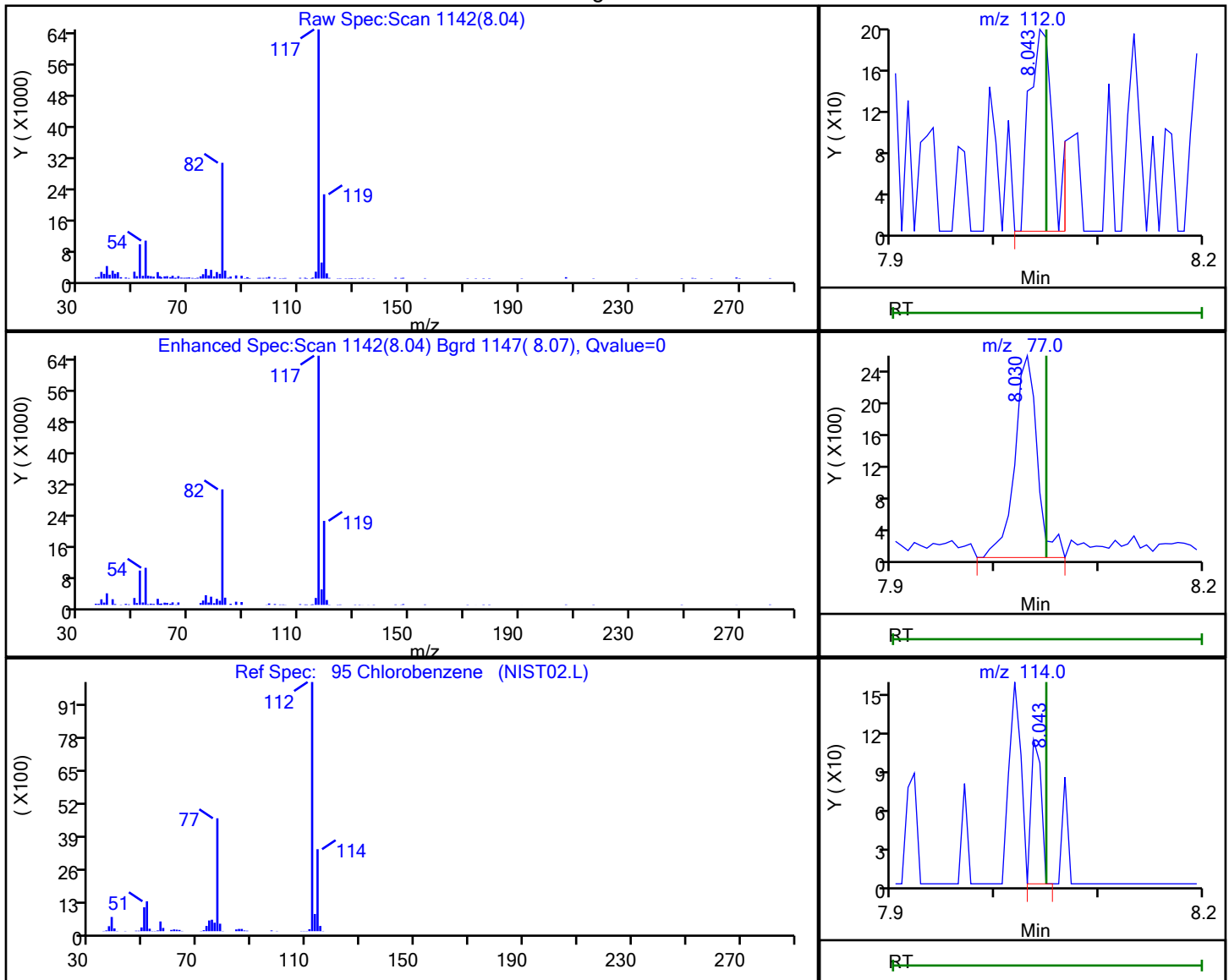
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
8.04	112.00	306	0.043436
8.03	77.00	3878	
8.04	114.00	75	

Reviewer: baronm, 23-Dec-2021 18:24:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

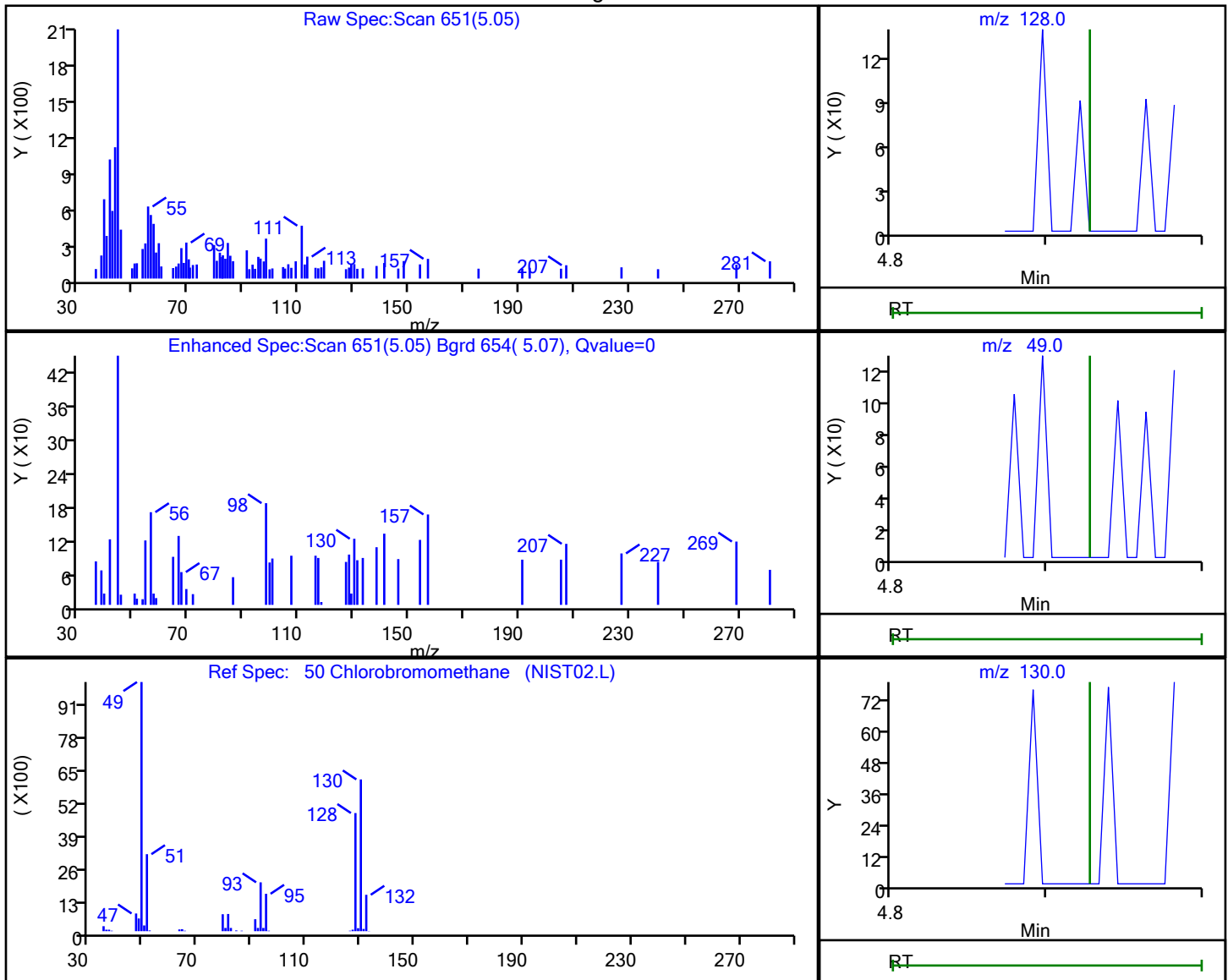
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

50 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
5.05	128.00	64	0.038379
5.05	49.00	30	
5.05	130.00	43	

Reviewer: baronm, 23-Dec-2021 18:22:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

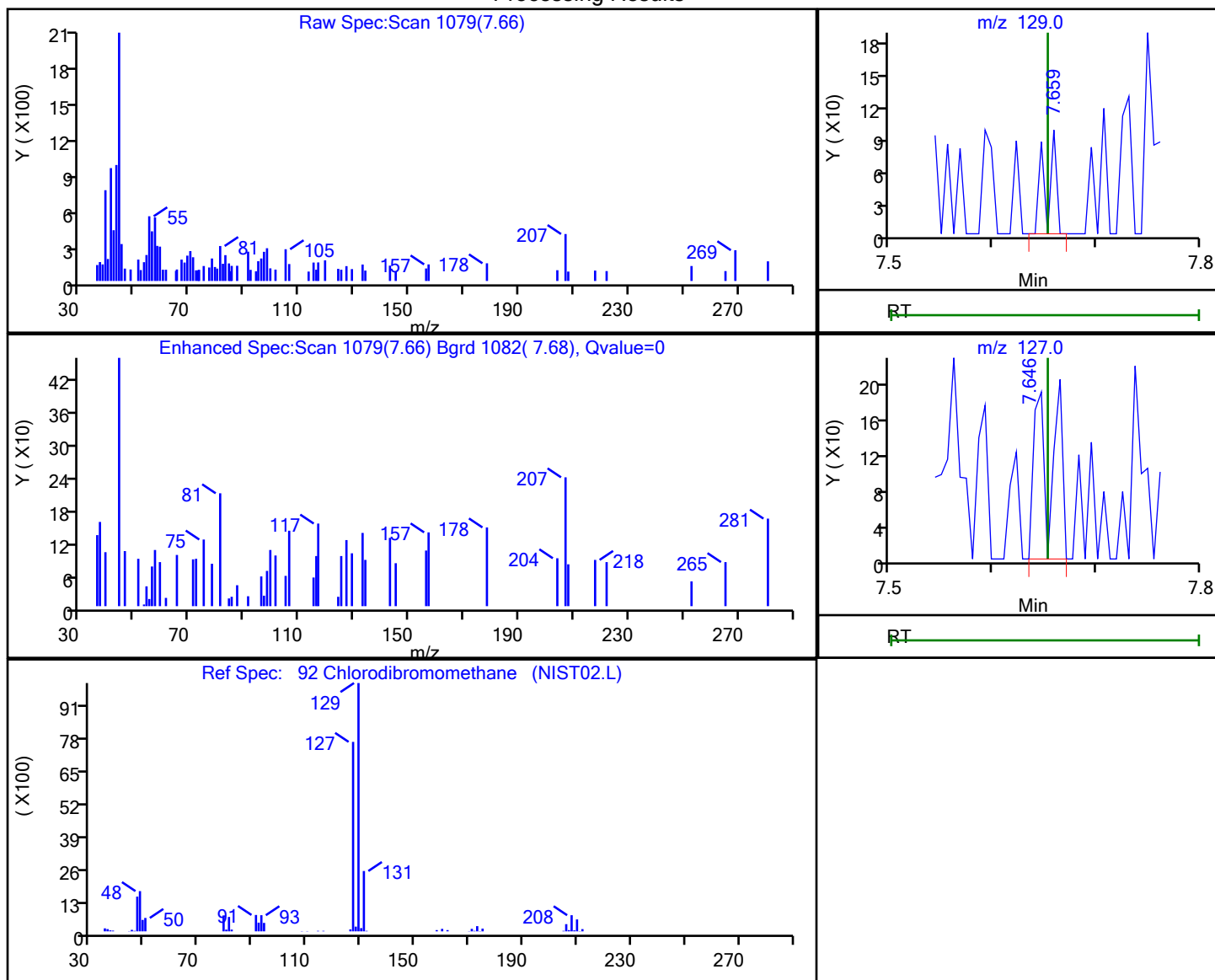
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

92 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
7.66	129.00	66	0.027317
7.65	127.00	246	

Reviewer: baronm, 23-Dec-2021 18:23:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

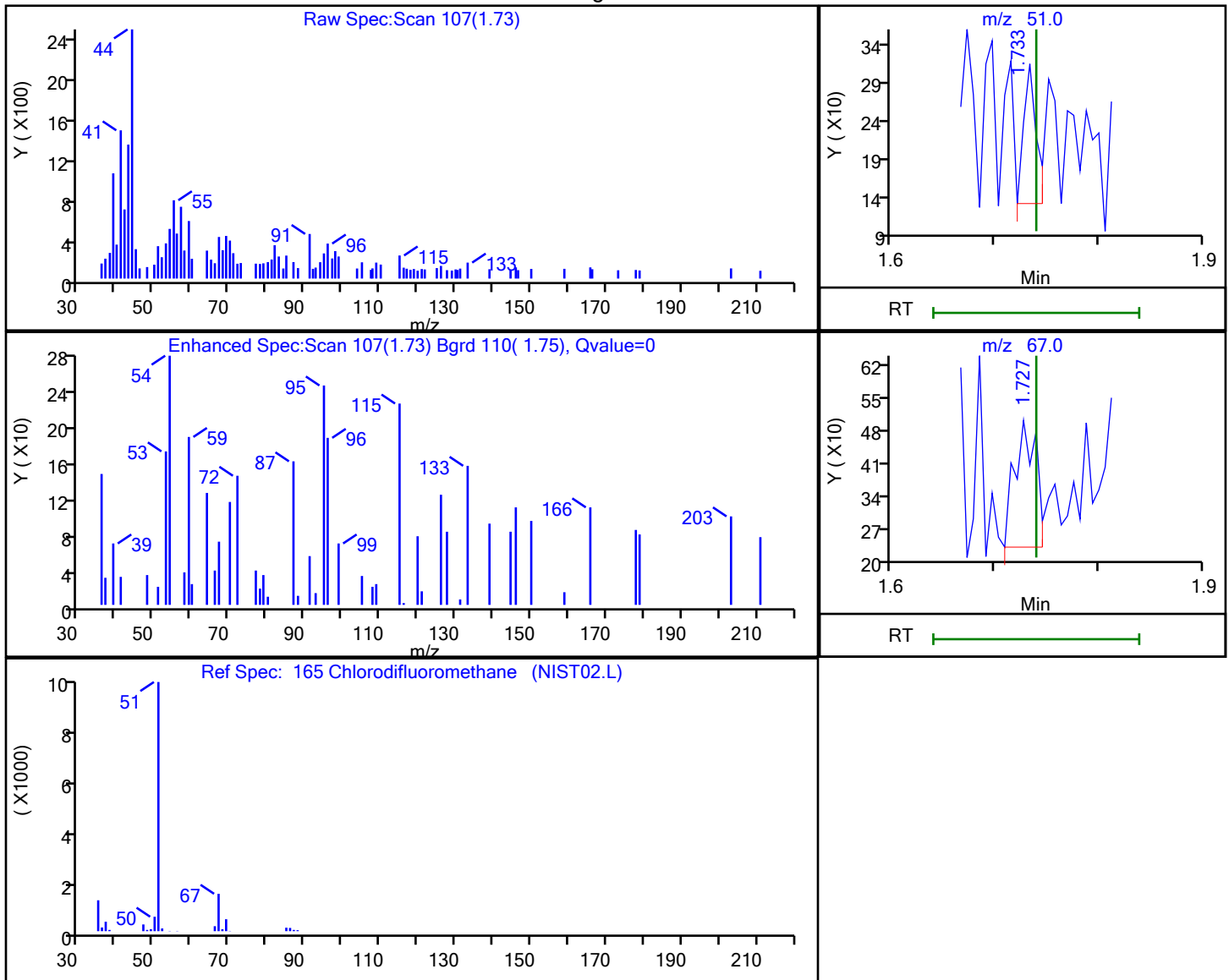
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.73	51.00	155	0.045290
1.73	67.00	389	

Reviewer: baronm, 23-Dec-2021 18:21:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

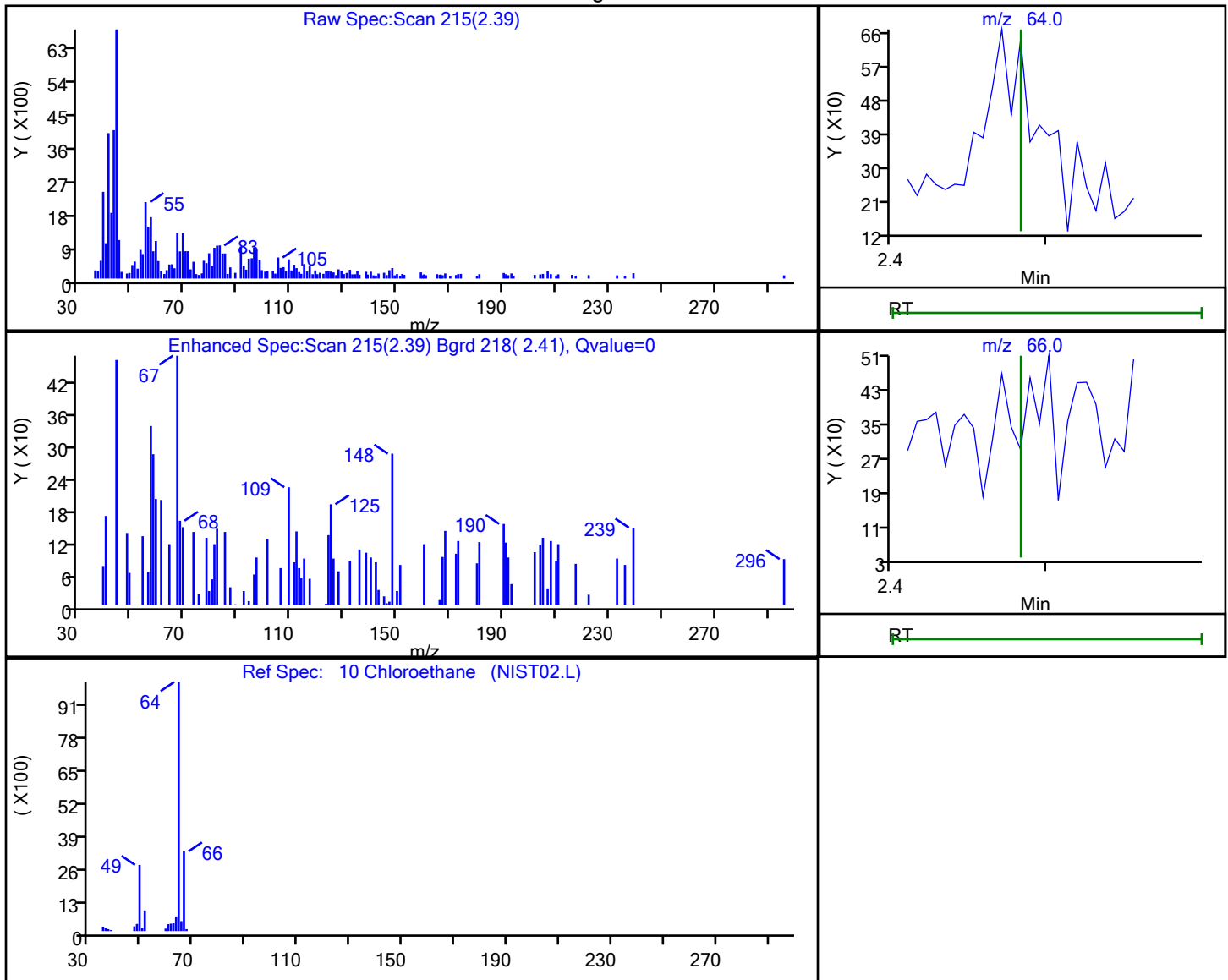
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.39	64.00	384	0.124418
2.40	66.00	1425	

Reviewer: baronm, 23-Dec-2021 18:21:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

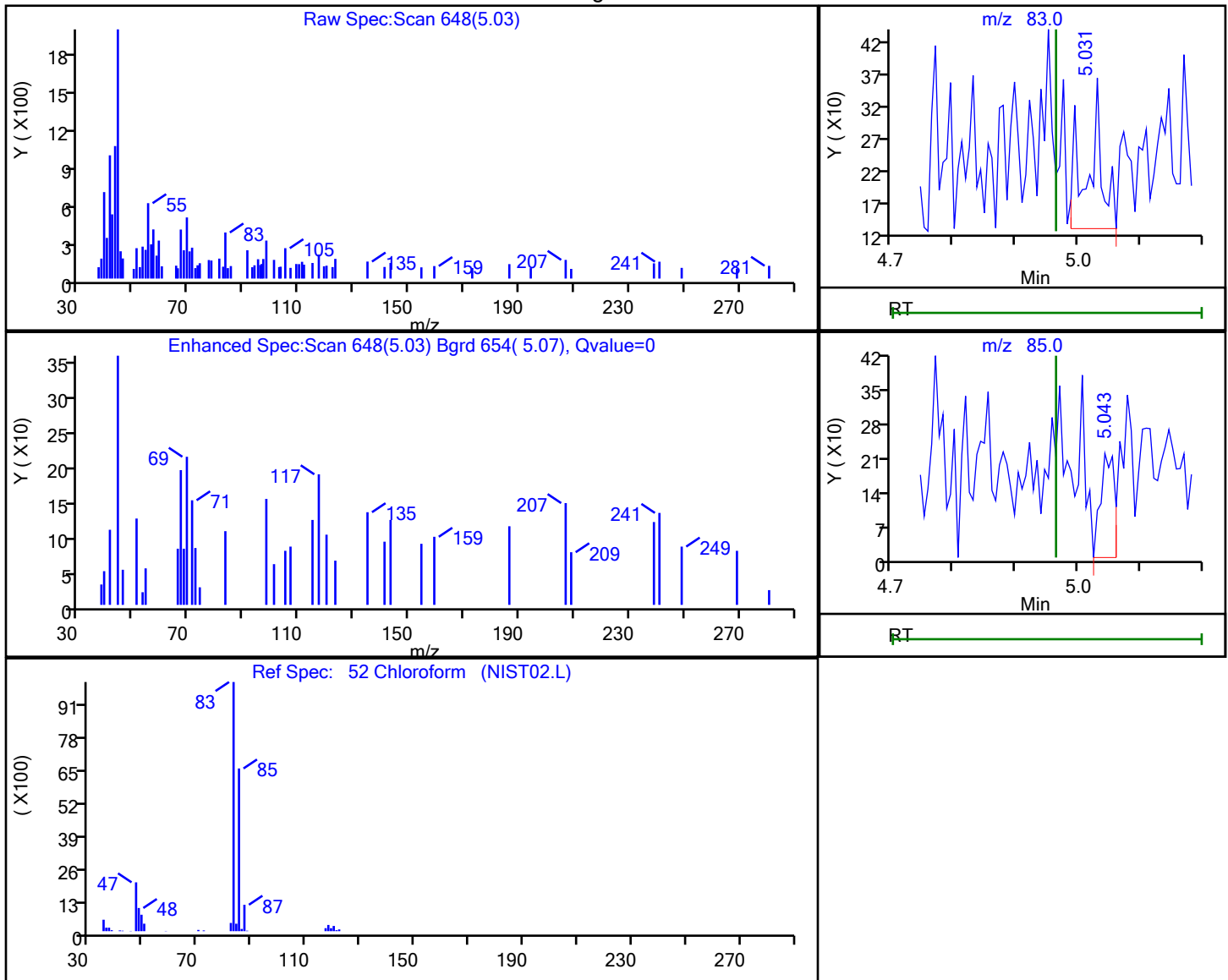
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
5.03	83.00	374	0.075754
5.04	85.00	336	

Reviewer: baronm, 23-Dec-2021 18:22:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

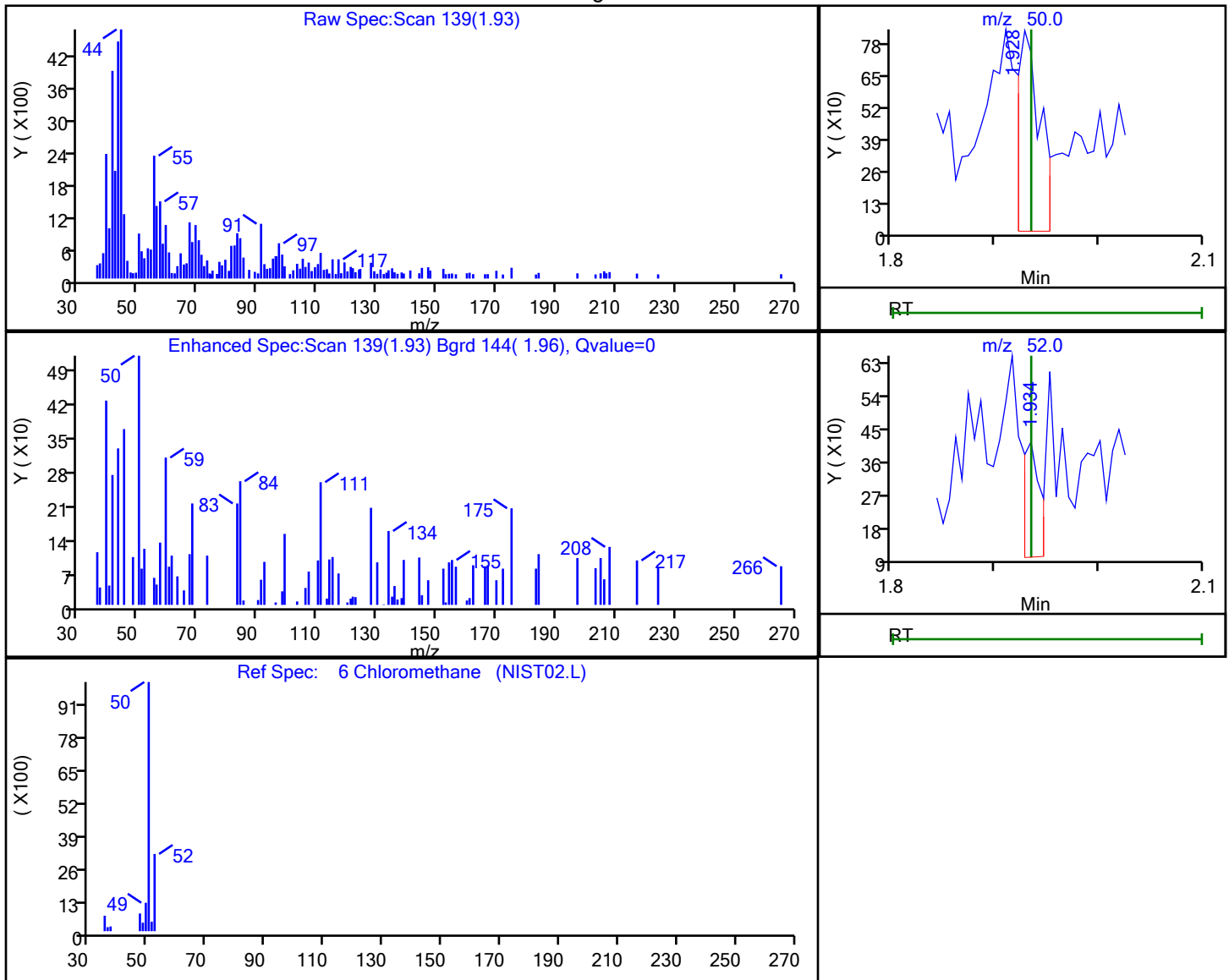
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.93	50.00	1256	0.257343
1.93	52.00	354	

Reviewer: baronm, 23-Dec-2021 18:21:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

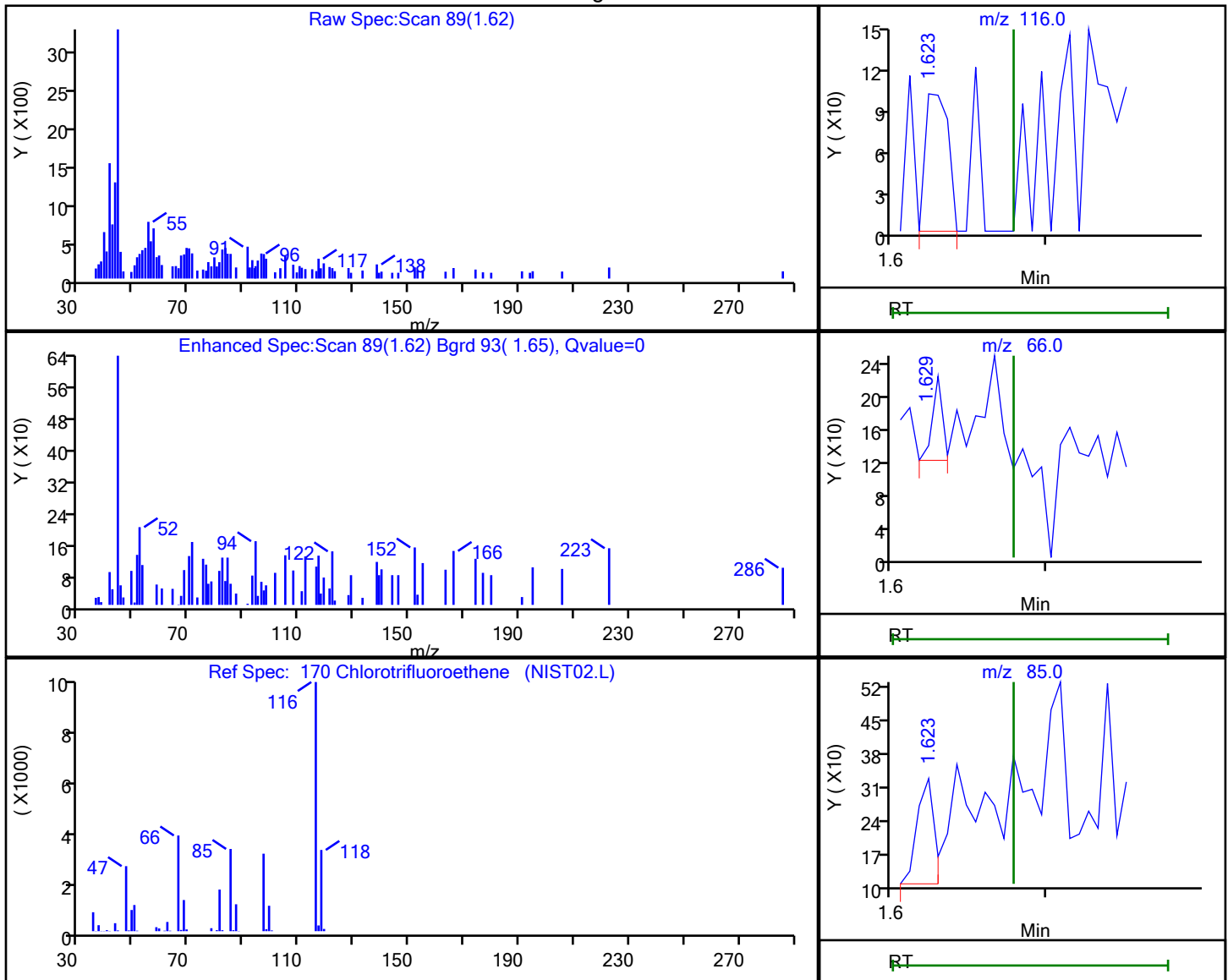
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

170 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.62	116.00	101	0.516139
1.63	66.00	46	
1.62	85.00	168	
1.64	118.00	114	

Reviewer: baronm, 23-Dec-2021 18:21:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

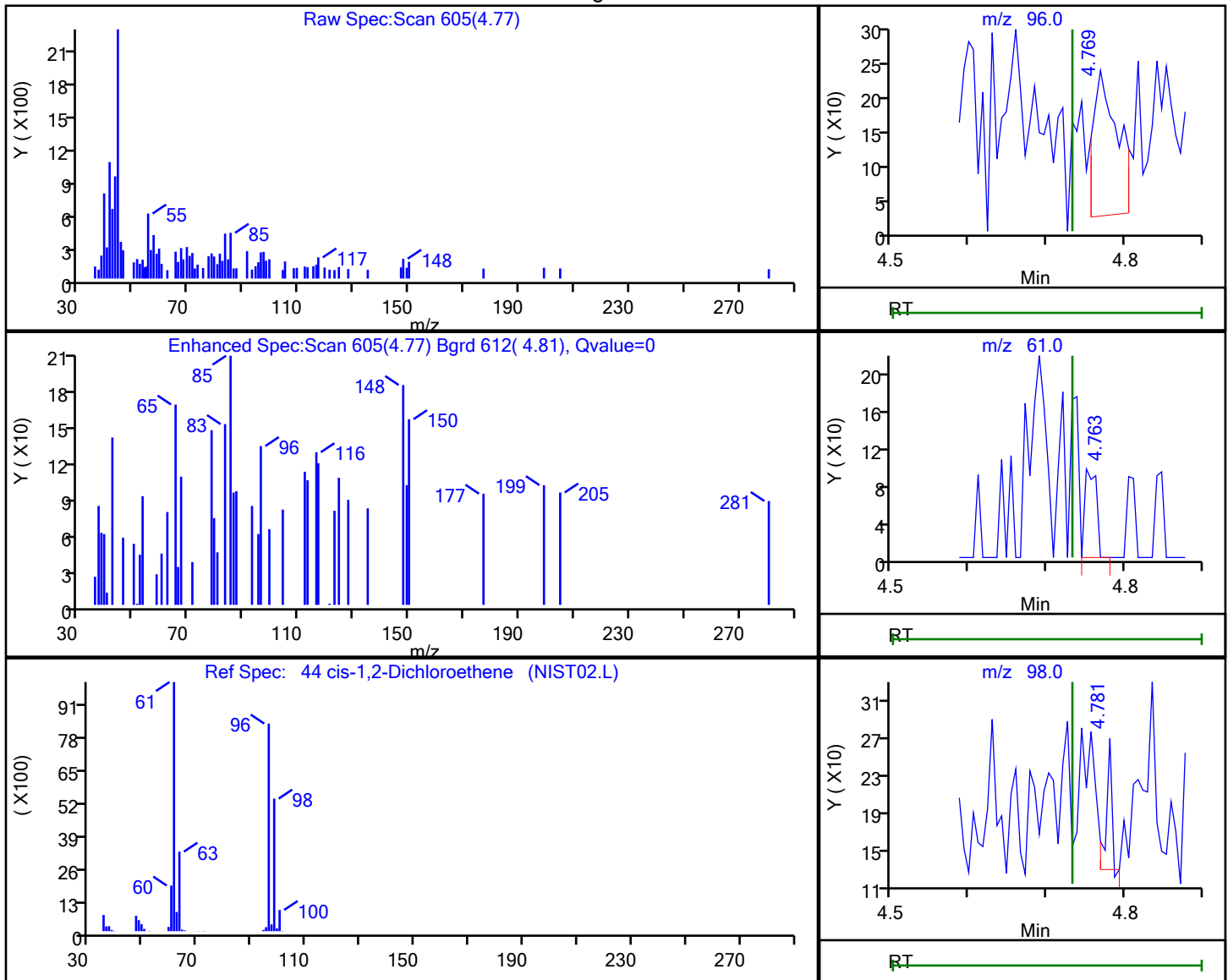
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
4.77	96.00	469	0.138602
4.76	61.00	95	
4.78	98.00	65	

Reviewer: baronm, 23-Dec-2021 18:22:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

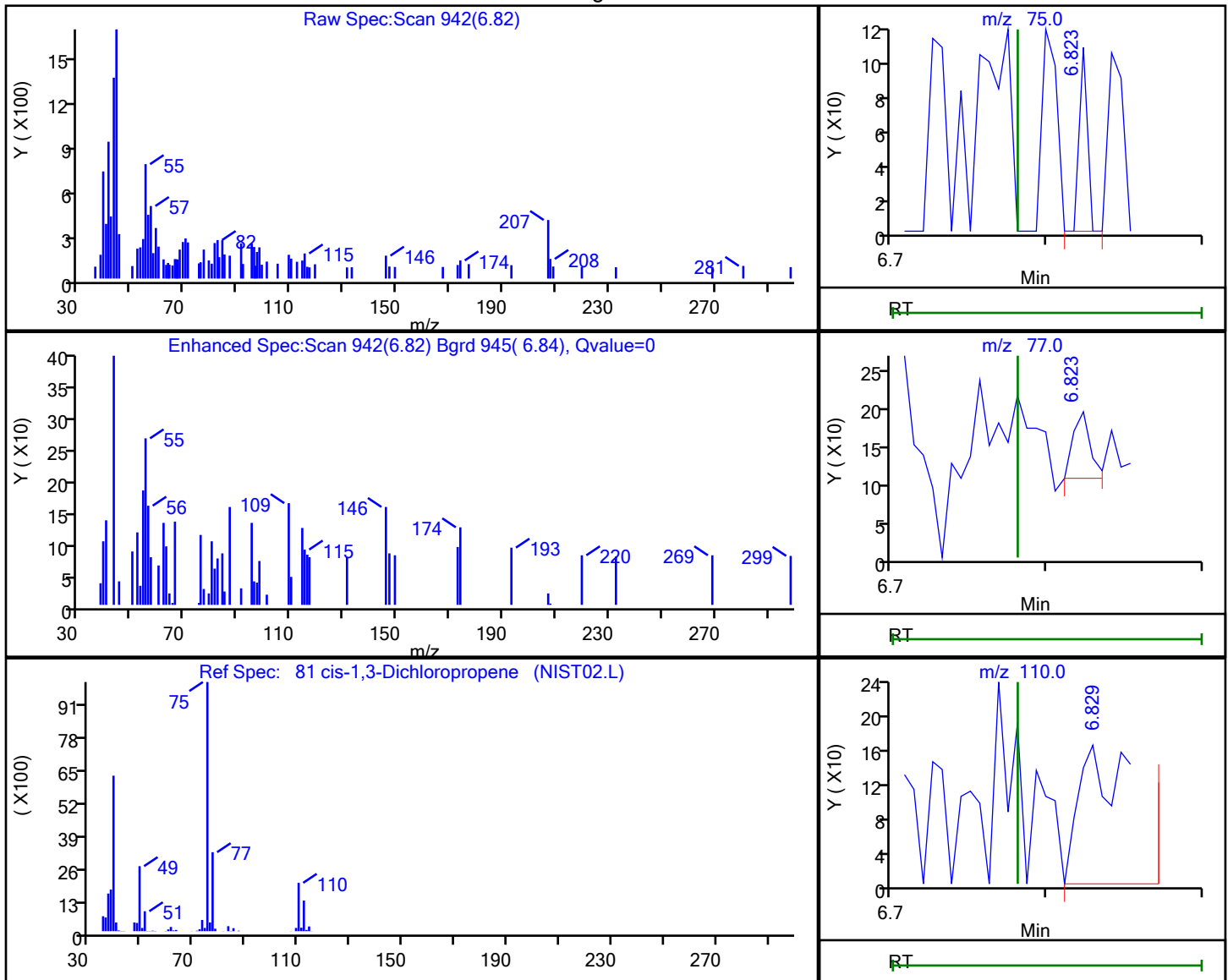
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
6.82	75.00	37	0.009102
6.82	77.00	69	
6.83	110.00	444	

Reviewer: baronm, 23-Dec-2021 18:23:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

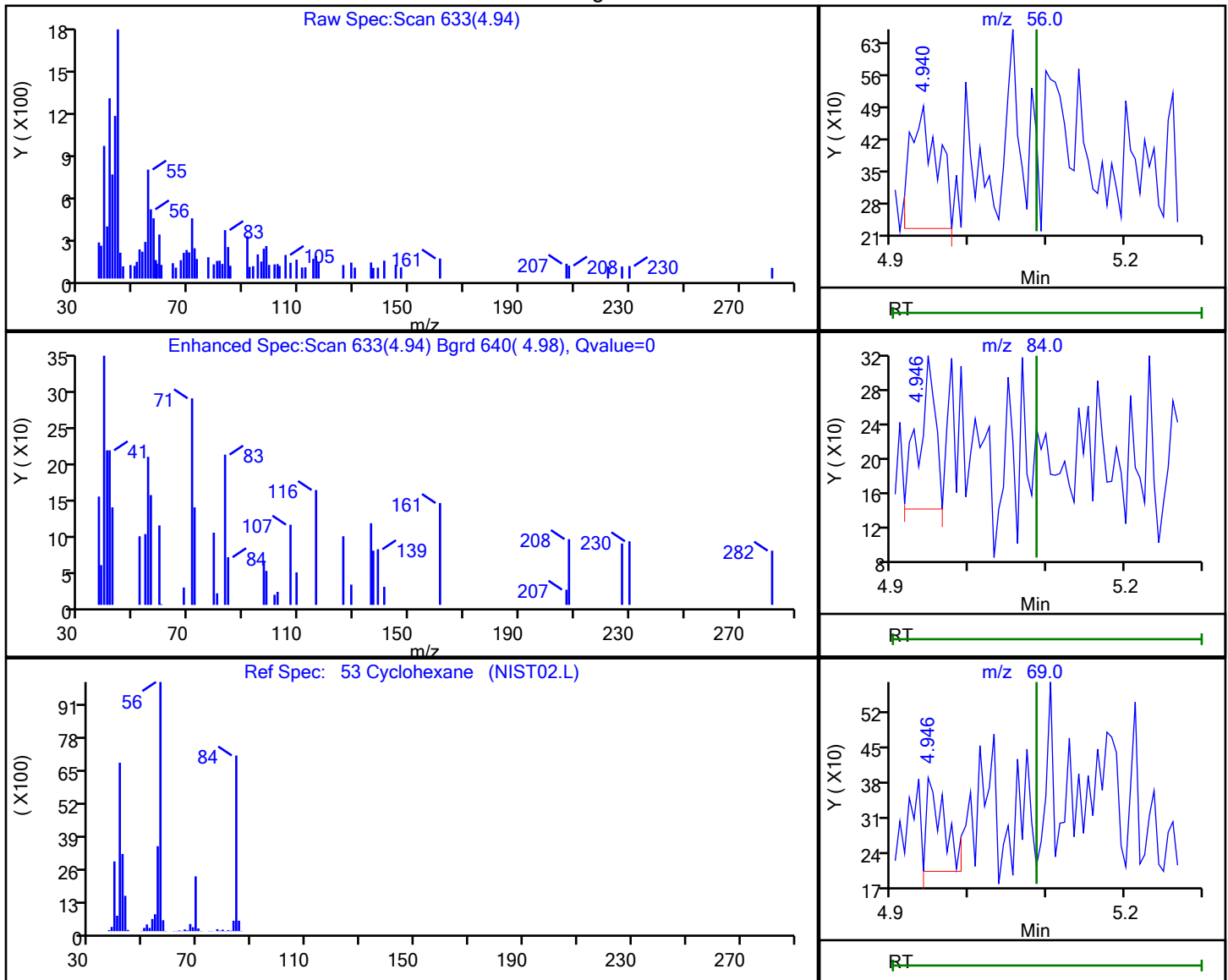
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.94	56.00	643	0.117982
4.95	84.00	258	
4.95	69.00	287	

Reviewer: baronm, 23-Dec-2021 18:22:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

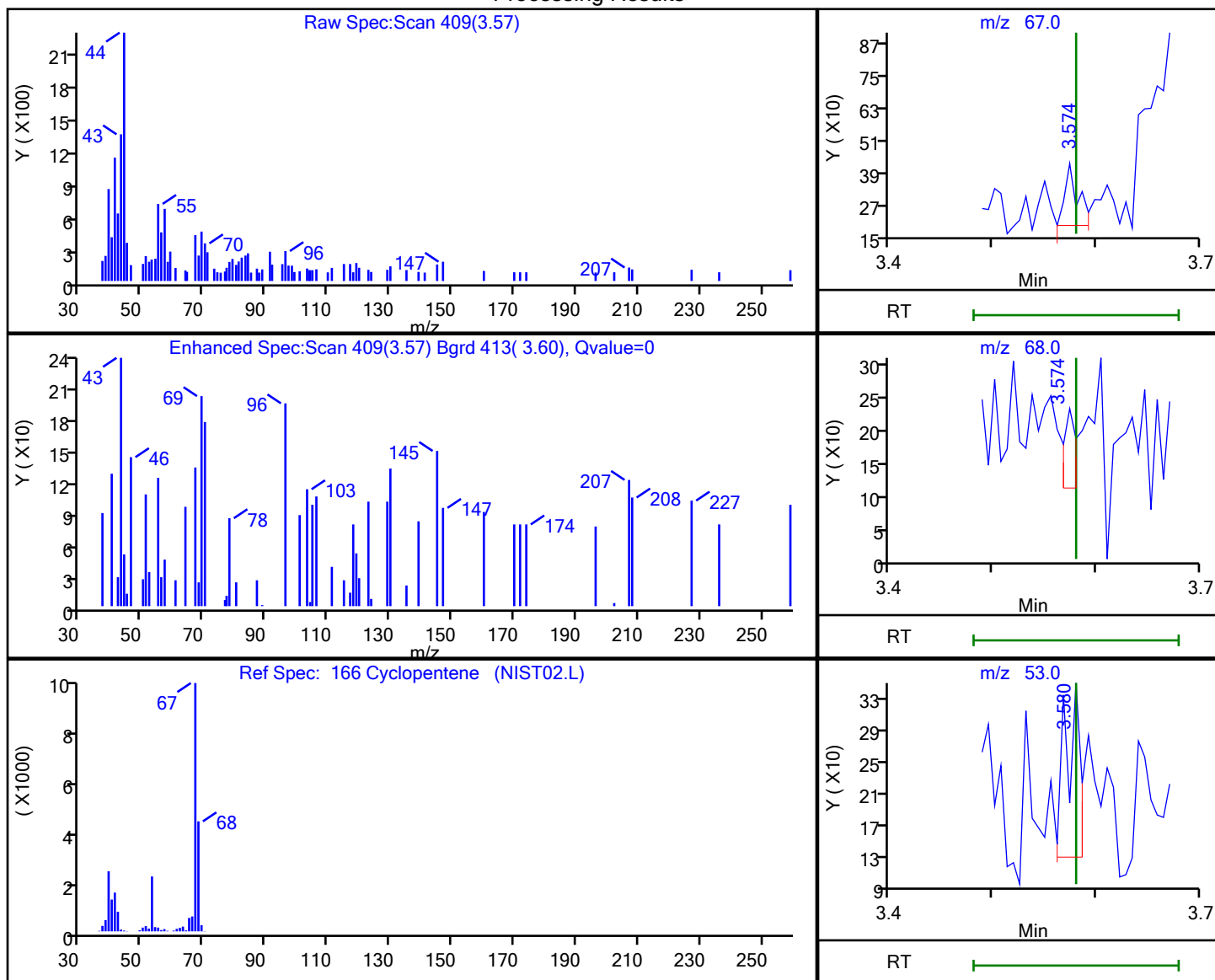
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

166 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.57	67.00	206	0.030101
3.57	68.00	97	
3.58	53.00	219	

Reviewer: baronm, 23-Dec-2021 18:21:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

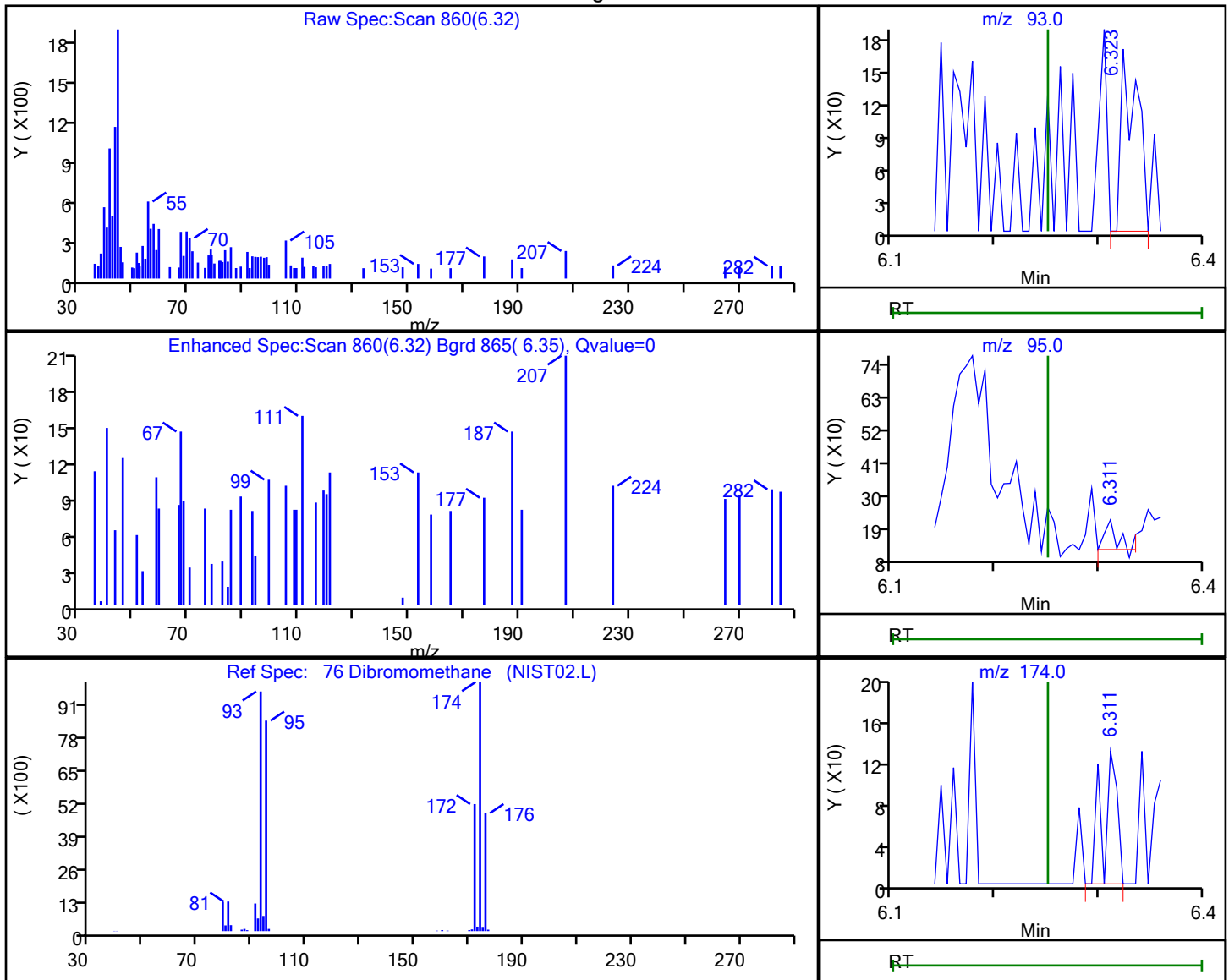
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

76 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
6.32	93.00	182	0.099552
6.31	95.00	86	
6.31	174.00	125	

Reviewer: baronm, 23-Dec-2021 18:23:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

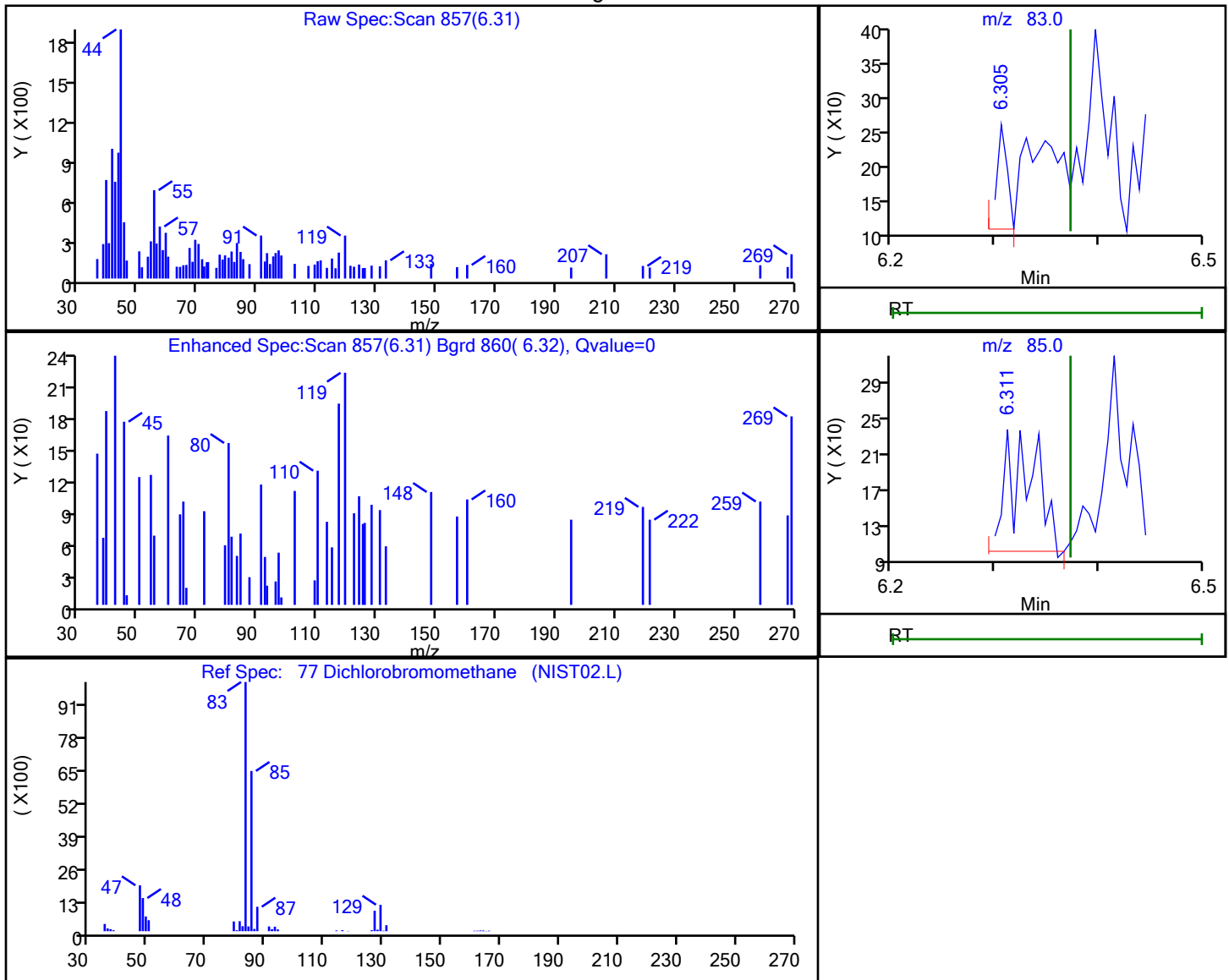
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
6.31	83.00	117	0.033707
6.31	85.00	260	

Reviewer: baronm, 23-Dec-2021 18:23:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

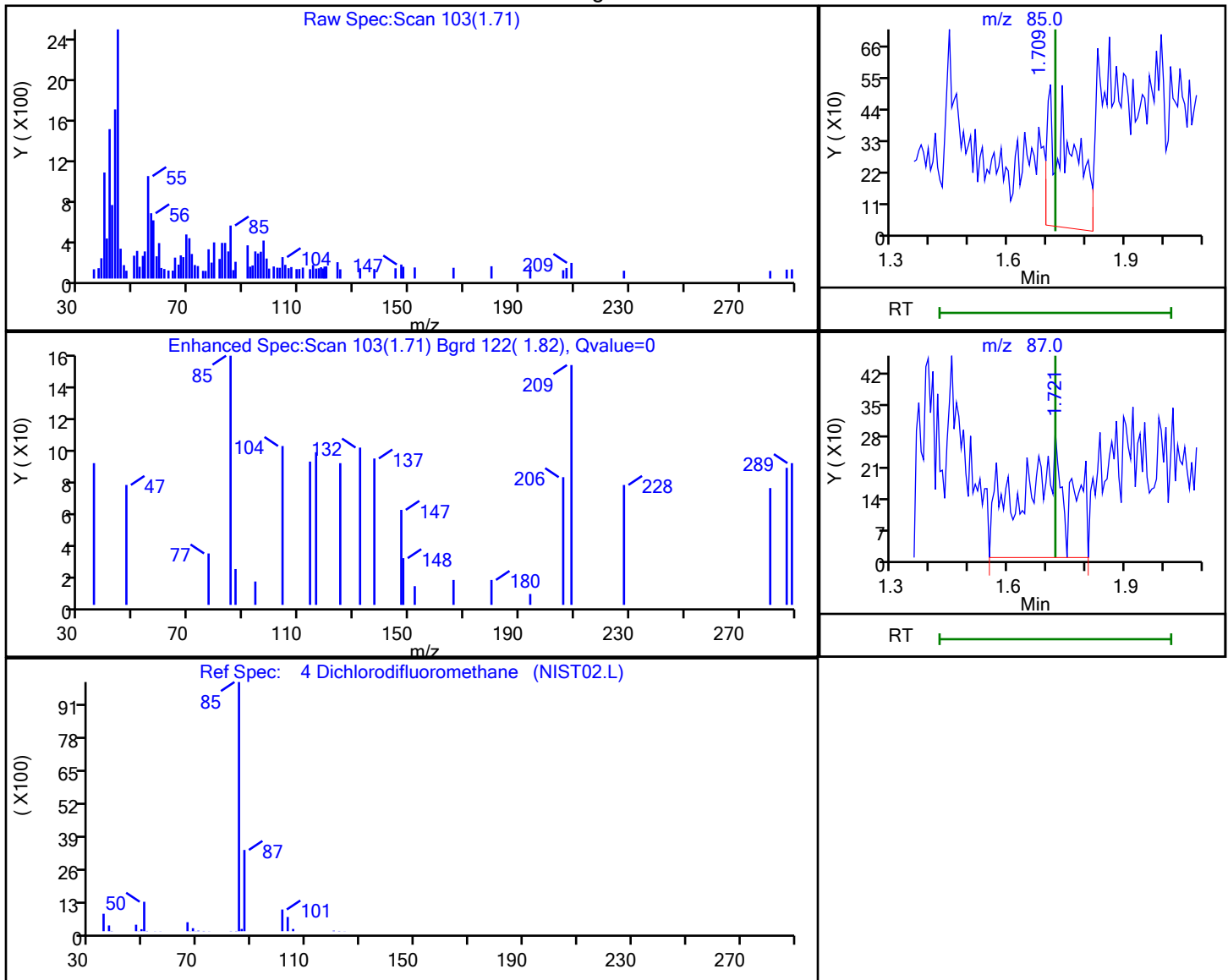
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.71	85.00	2072	0.477355
1.72	87.00	2309	

Reviewer: baronm, 23-Dec-2021 18:21:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

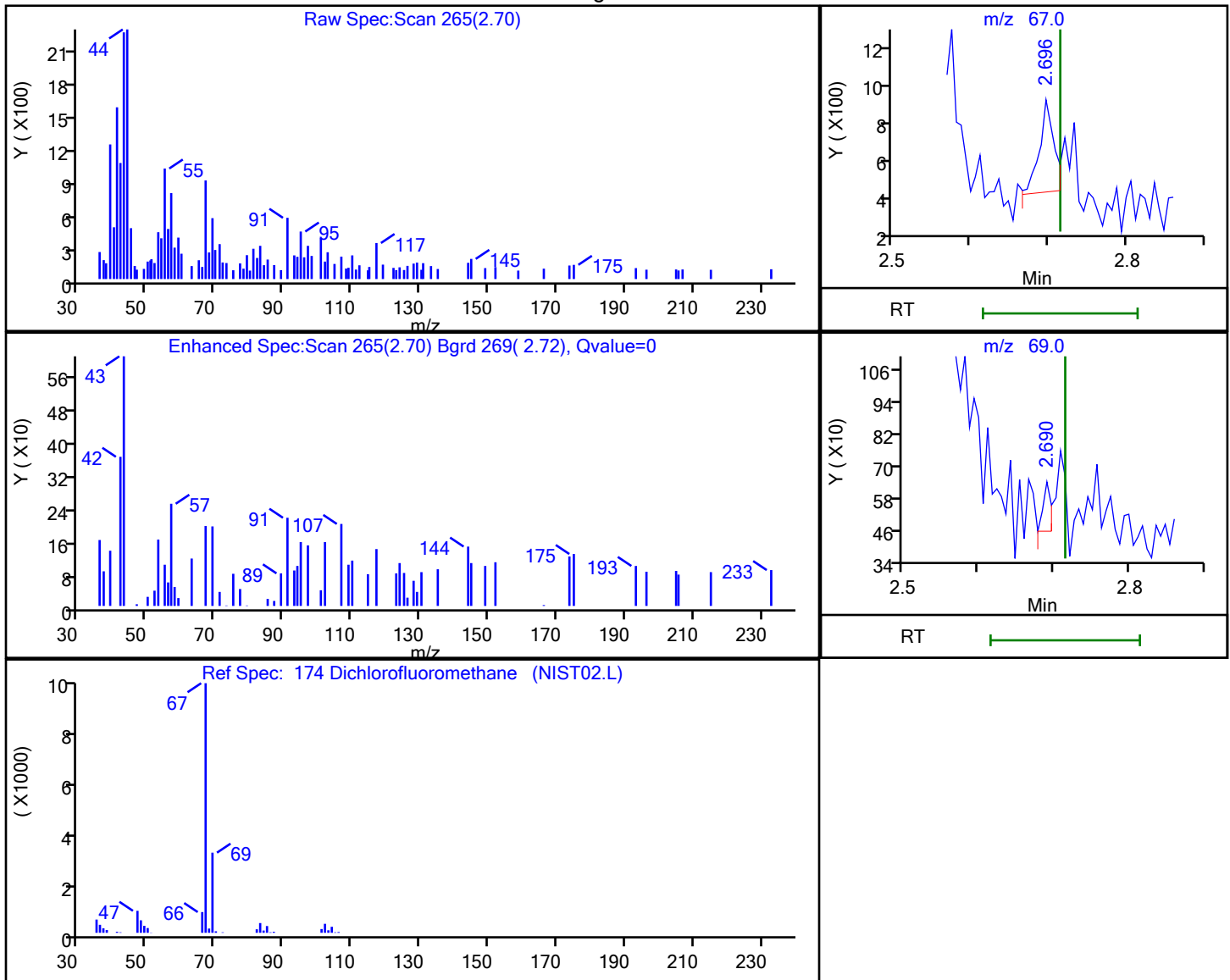
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

174 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.70	67.00	616	0.105297
2.69	69.00	132	

Reviewer: baronm, 23-Dec-2021 18:21:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

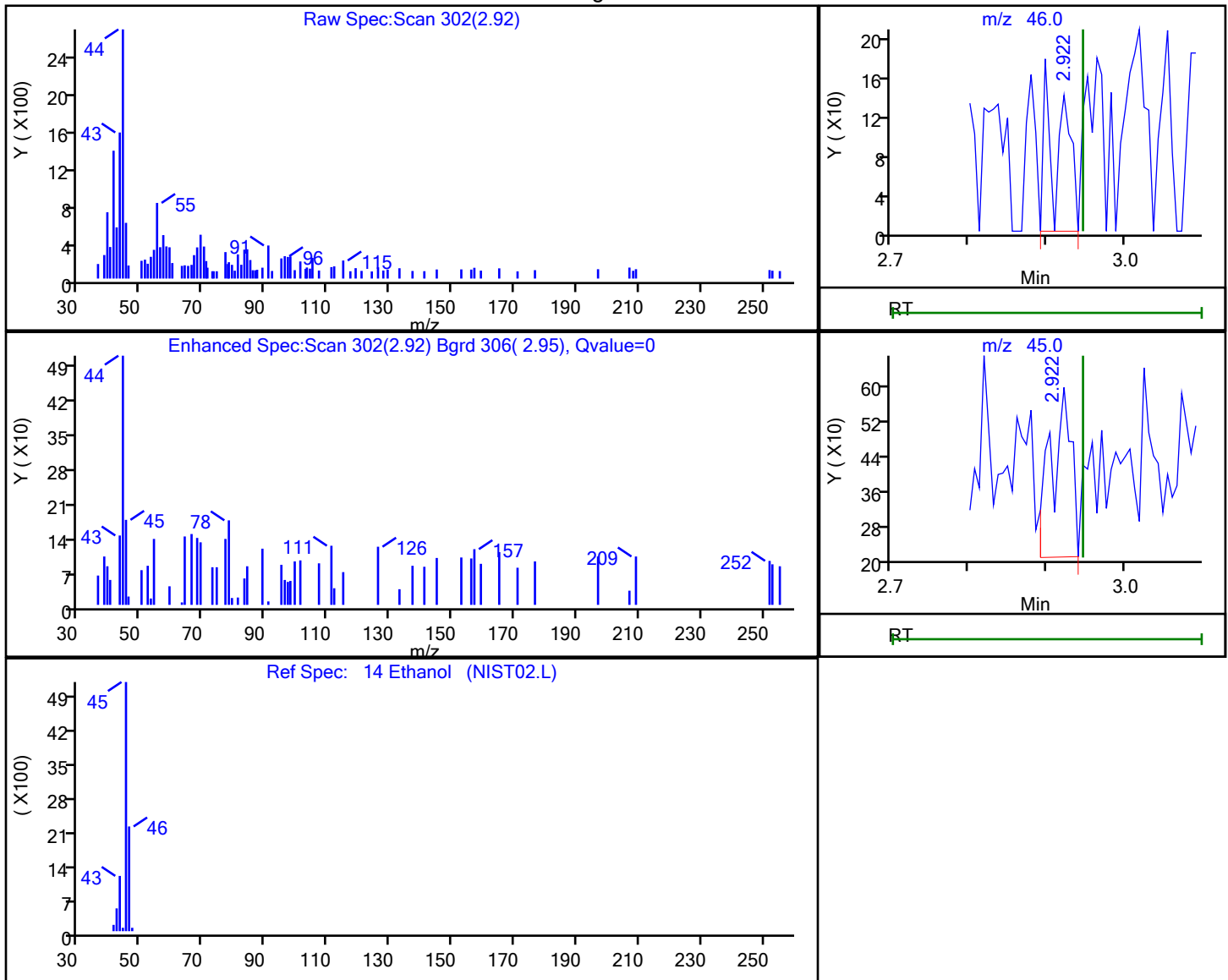
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.92	46.00	250	45.653566
2.92	45.00	690	

Reviewer: baronm, 23-Dec-2021 18:21:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

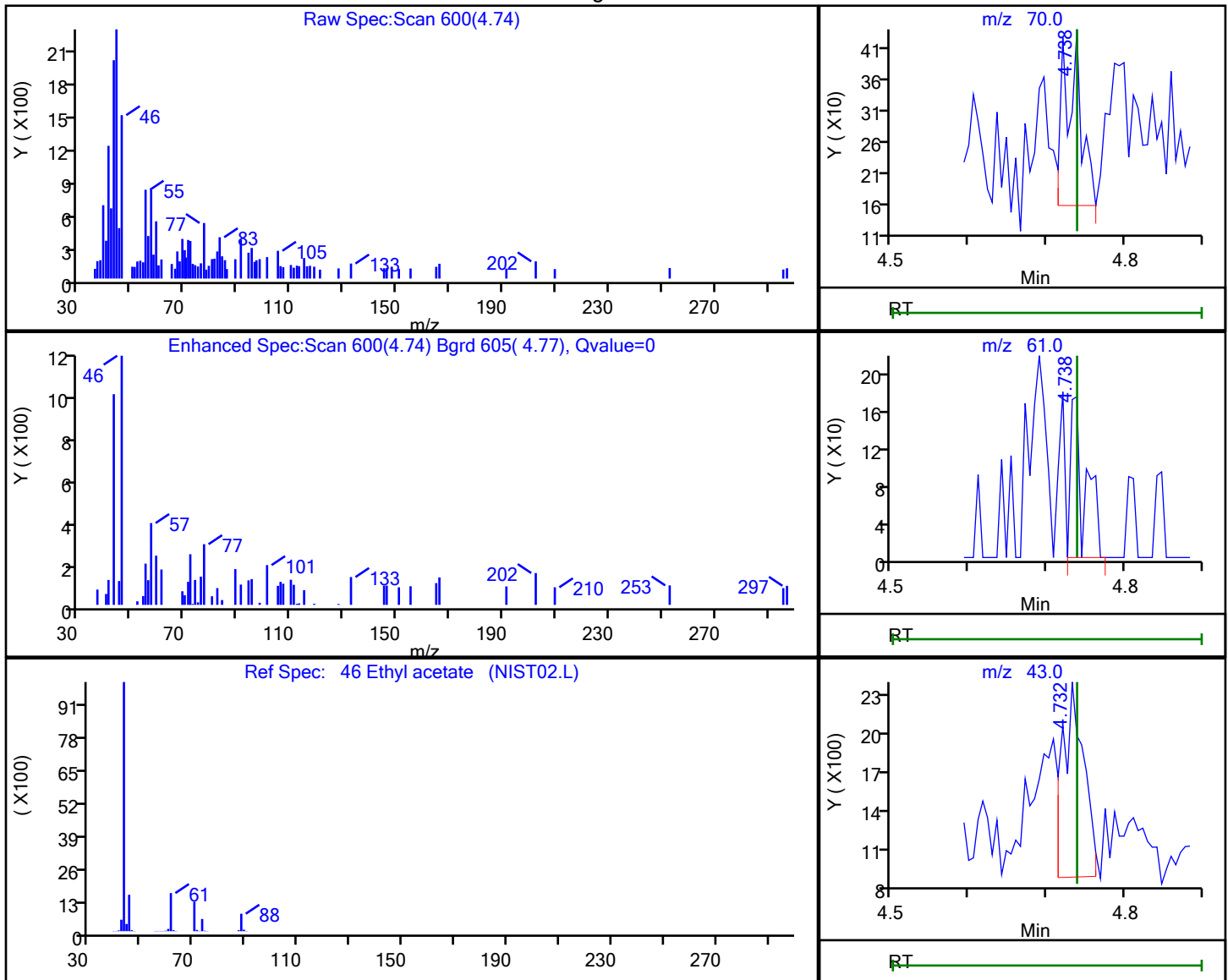
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.74	70.00	407	1.441383
4.74	61.00	218	
4.73	43.00	2624	

Reviewer: baronm, 23-Dec-2021 18:22:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

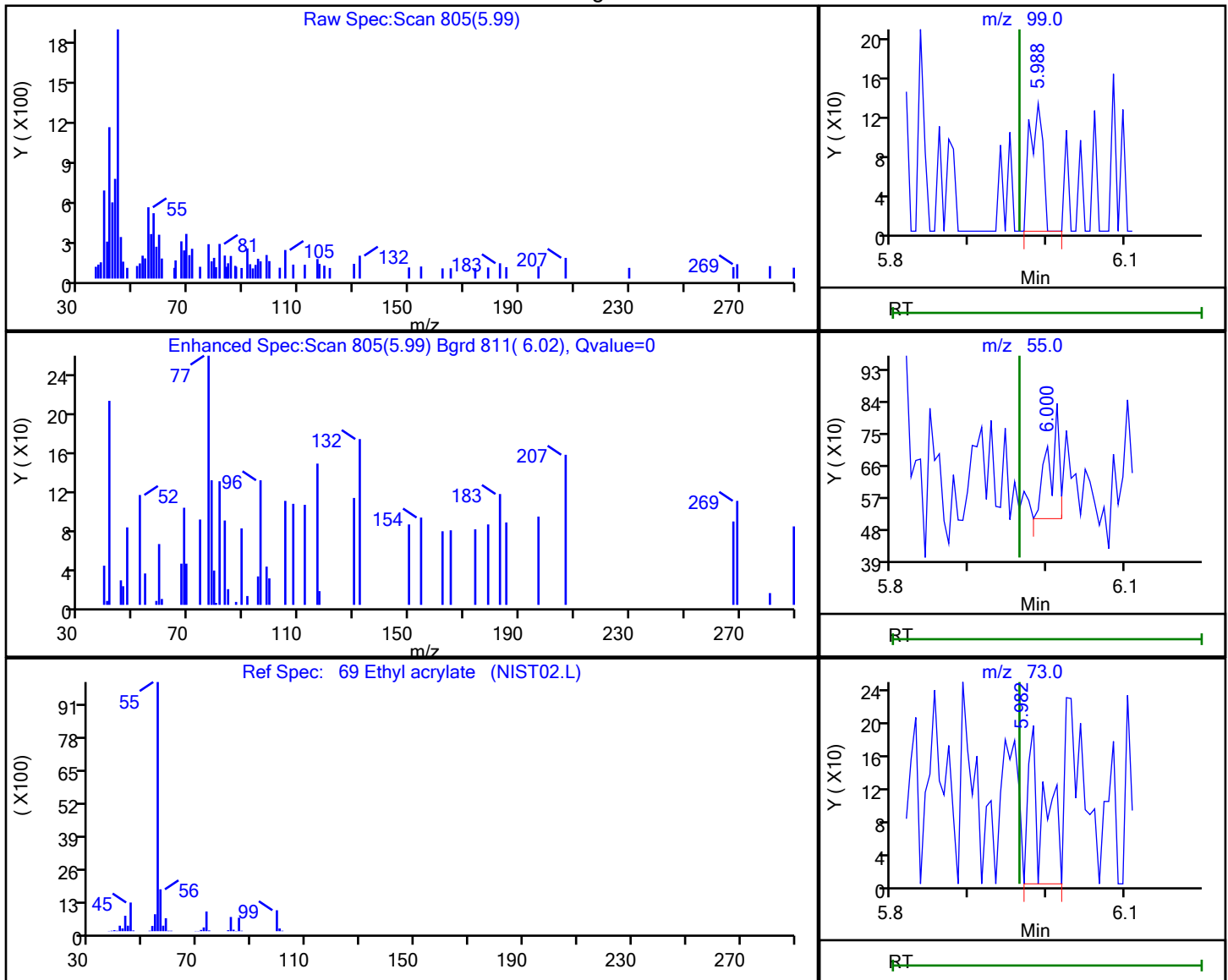
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.99	99.00	150	0.546049
6.00	55.00	308	
5.98	73.00	279	

Reviewer: baronm, 23-Dec-2021 18:22:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

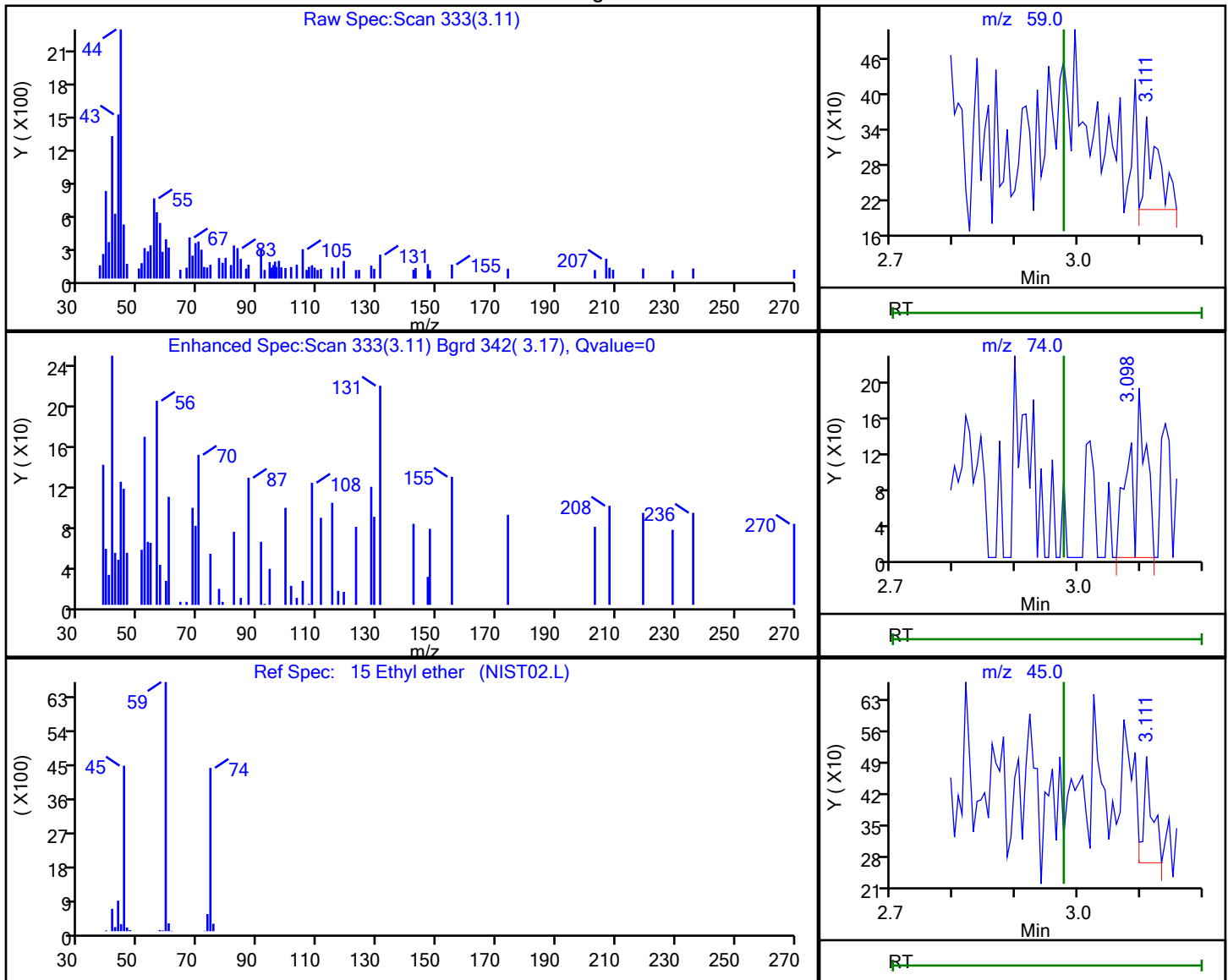
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
3.11	59.00	234	0.104202
3.10	74.00	327	
3.11	45.00	230	

Reviewer: baronm, 23-Dec-2021 18:21:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

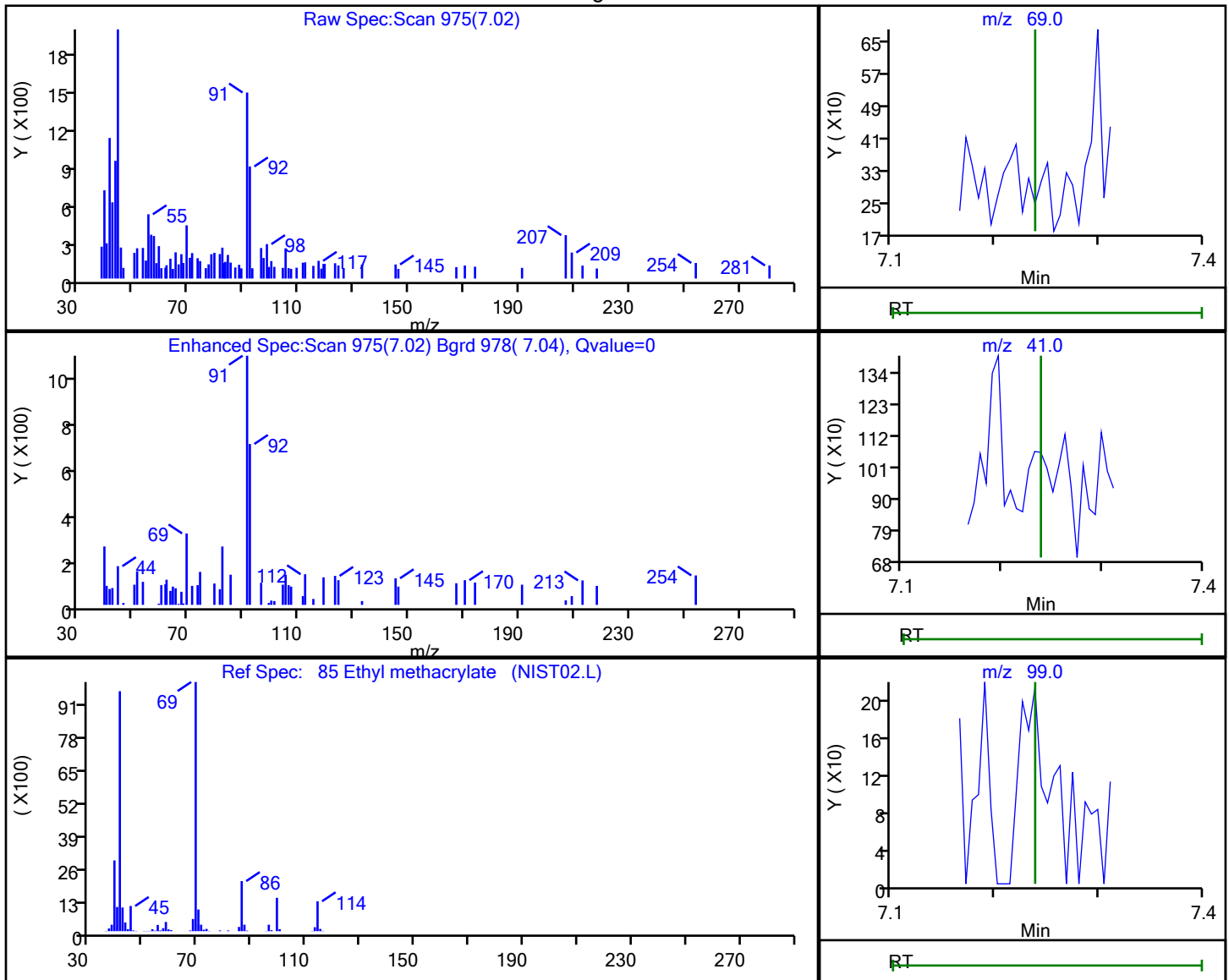
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.02	69.00	225	0.066966
7.04	41.00	644	
7.03	99.00	245	

Reviewer: baronm, 23-Dec-2021 18:23:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

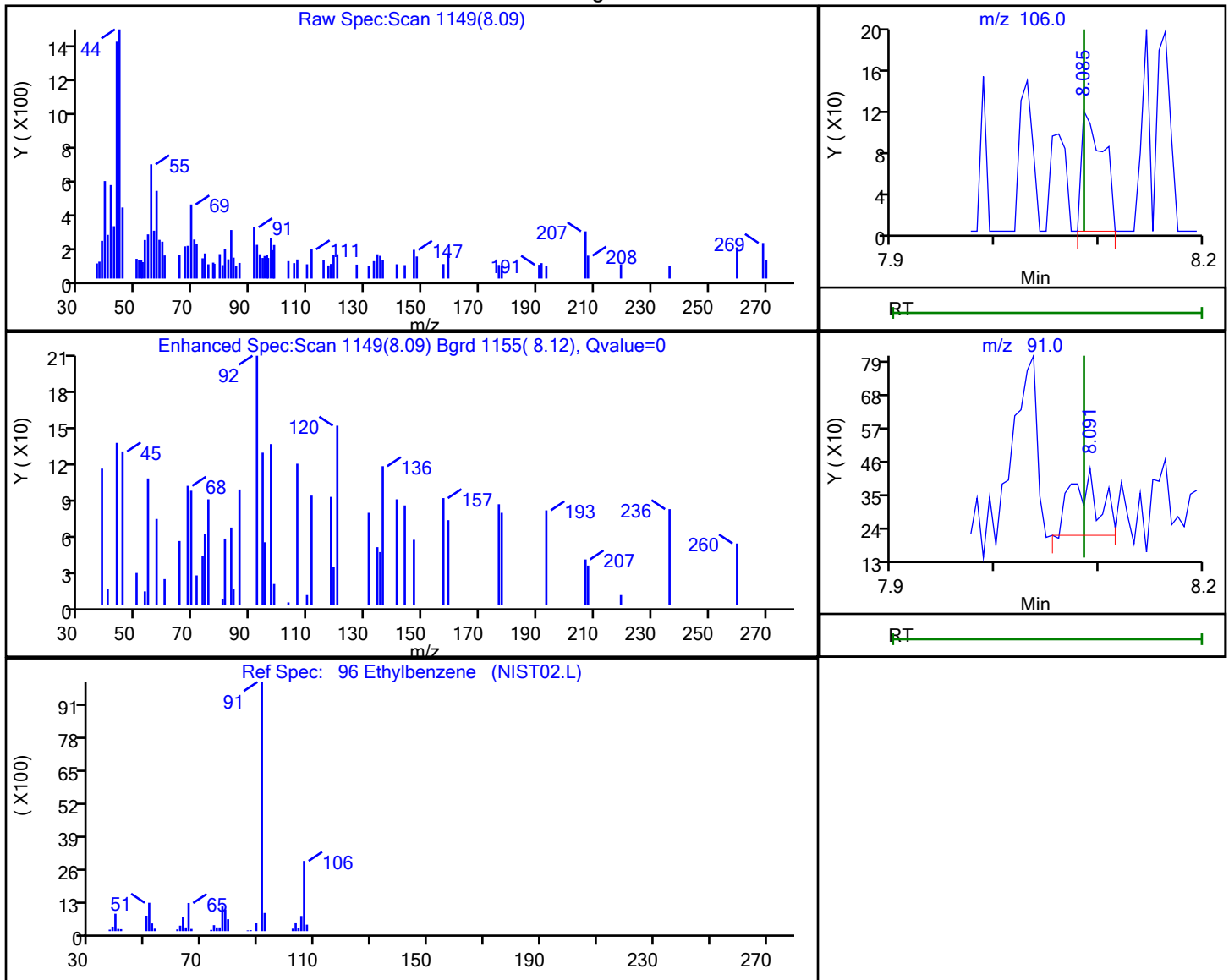
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.09	106.00	165	0.040478
8.09	91.00	401	

Reviewer: baronm, 23-Dec-2021 18:24:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

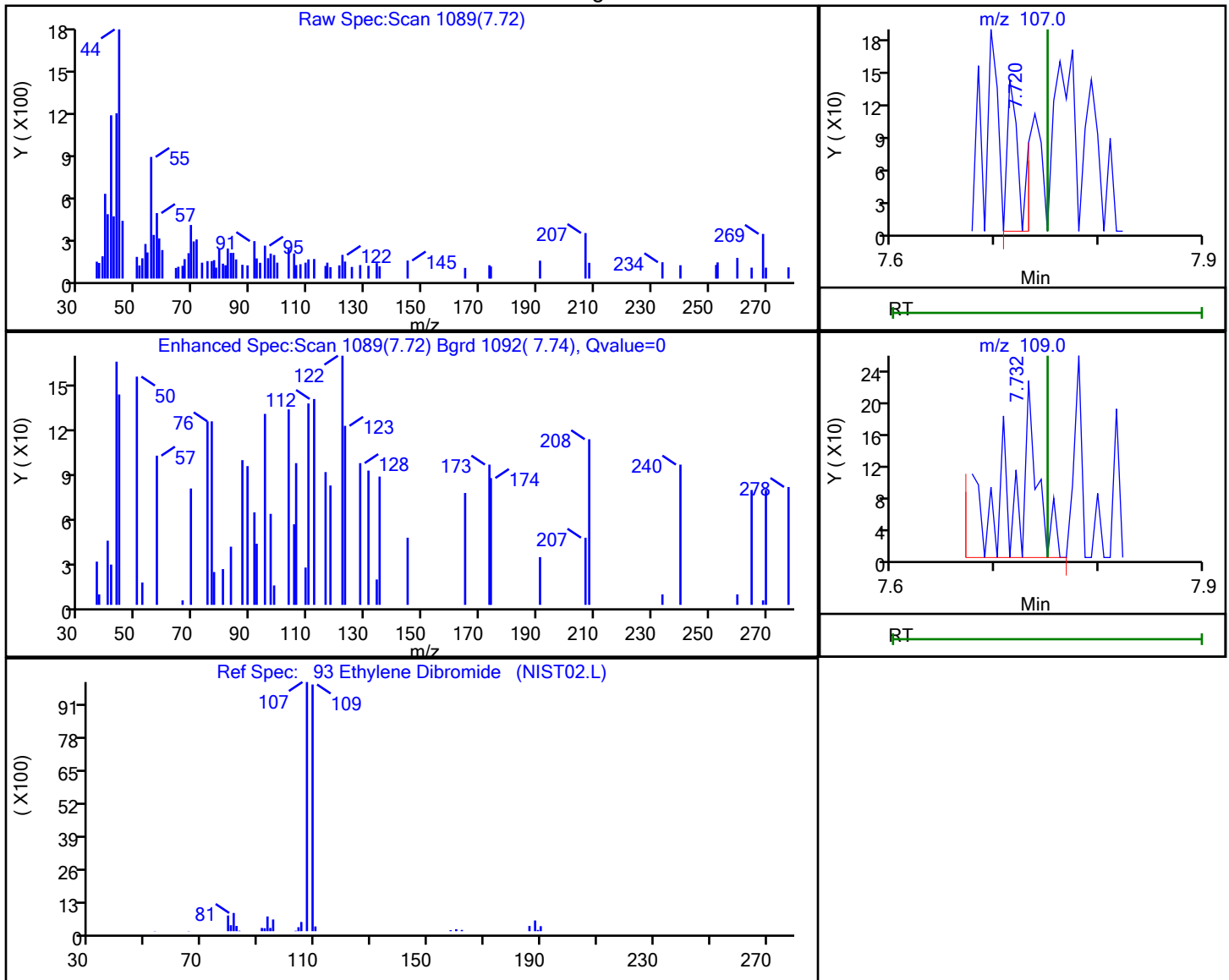
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

93 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
7.72	107.00	119	0.050998
7.73	109.00	392	

Reviewer: baronm, 23-Dec-2021 18:23:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

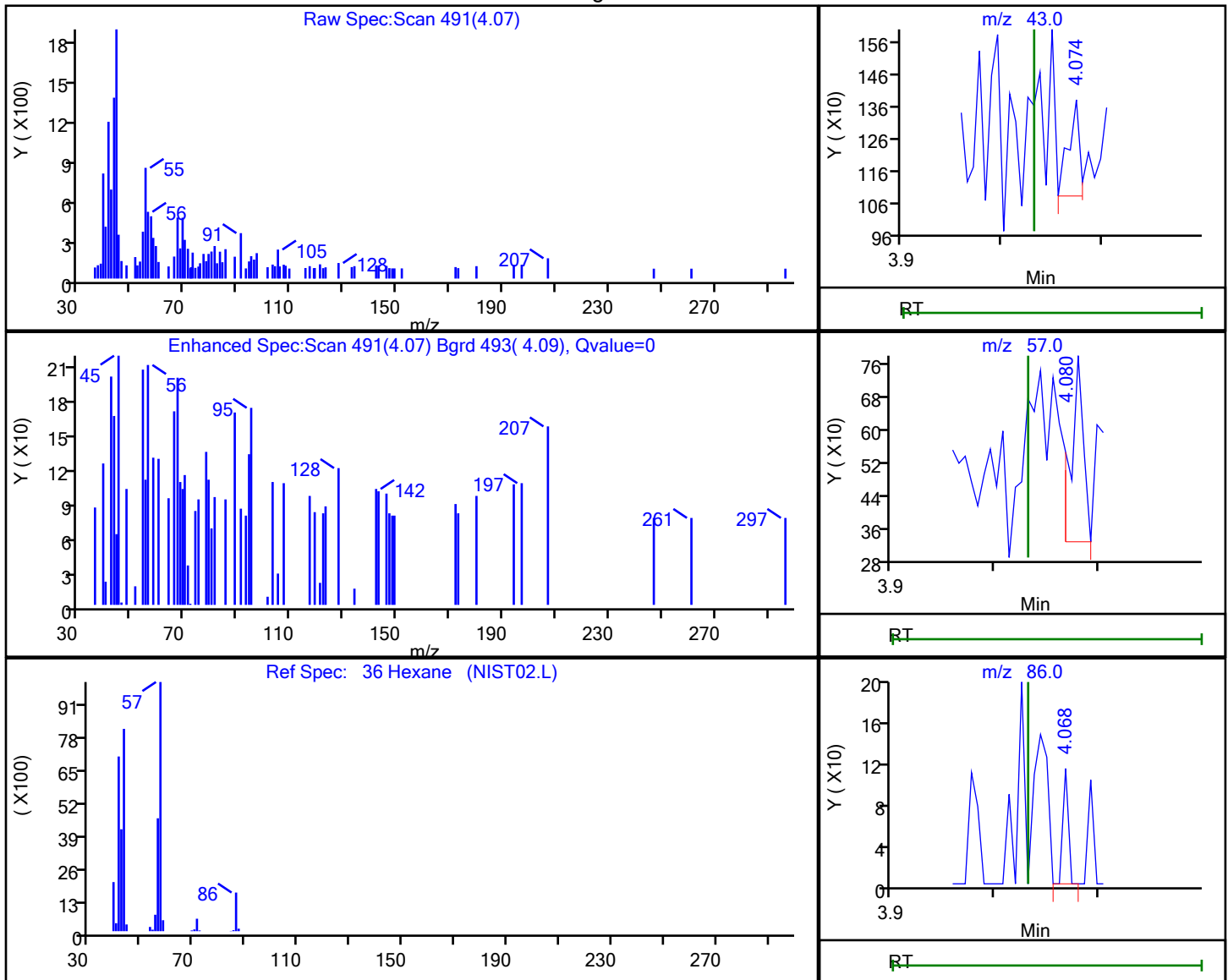
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
4.07	43.00	231	0.088167
4.08	57.00	375	
4.07	86.00	41	
4.07	56.00	247	

Reviewer: baronm, 23-Dec-2021 18:22:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

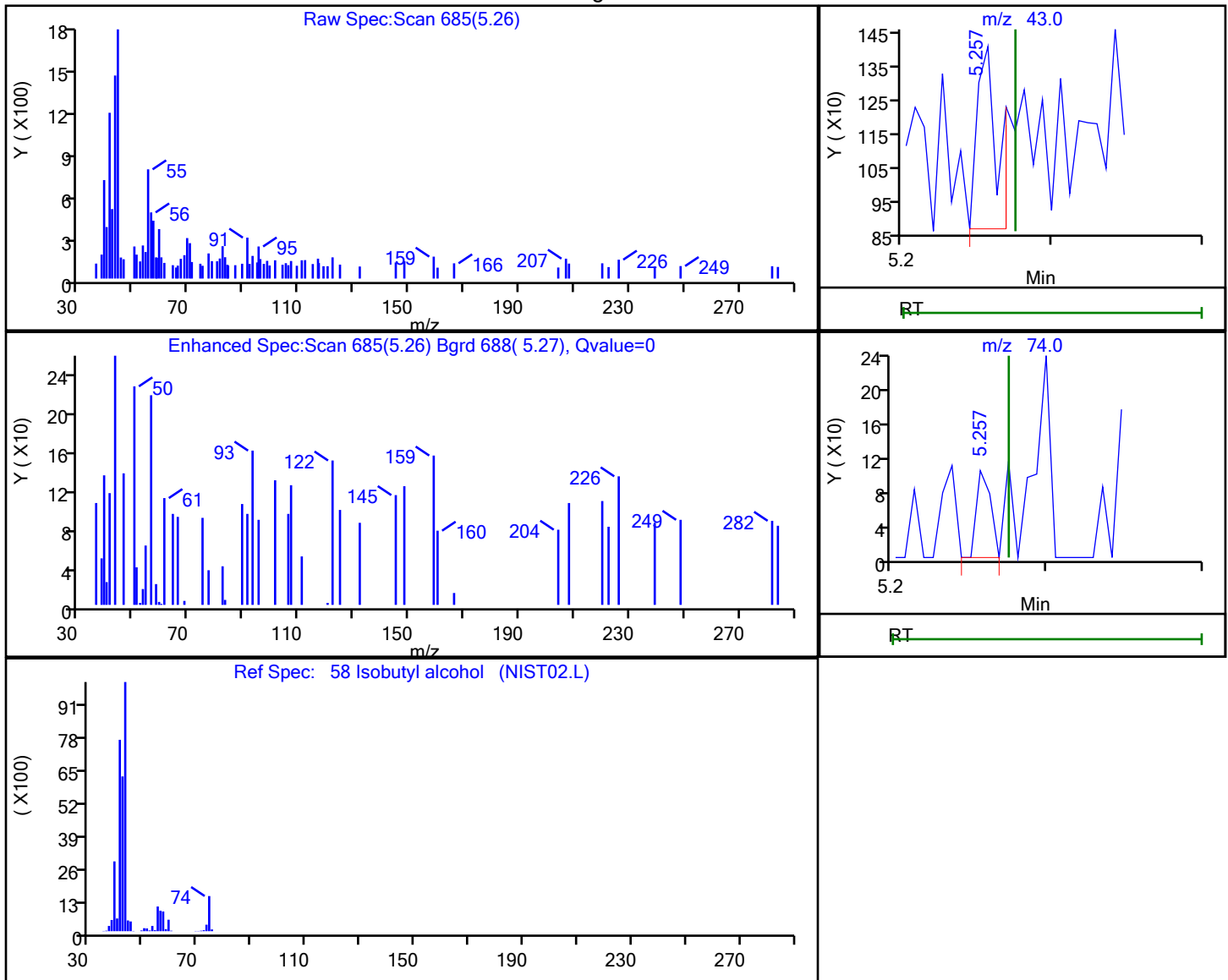
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
5.26	43.00	527	4.276408
5.26	74.00	65	

Reviewer: baronm, 23-Dec-2021 18:22:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

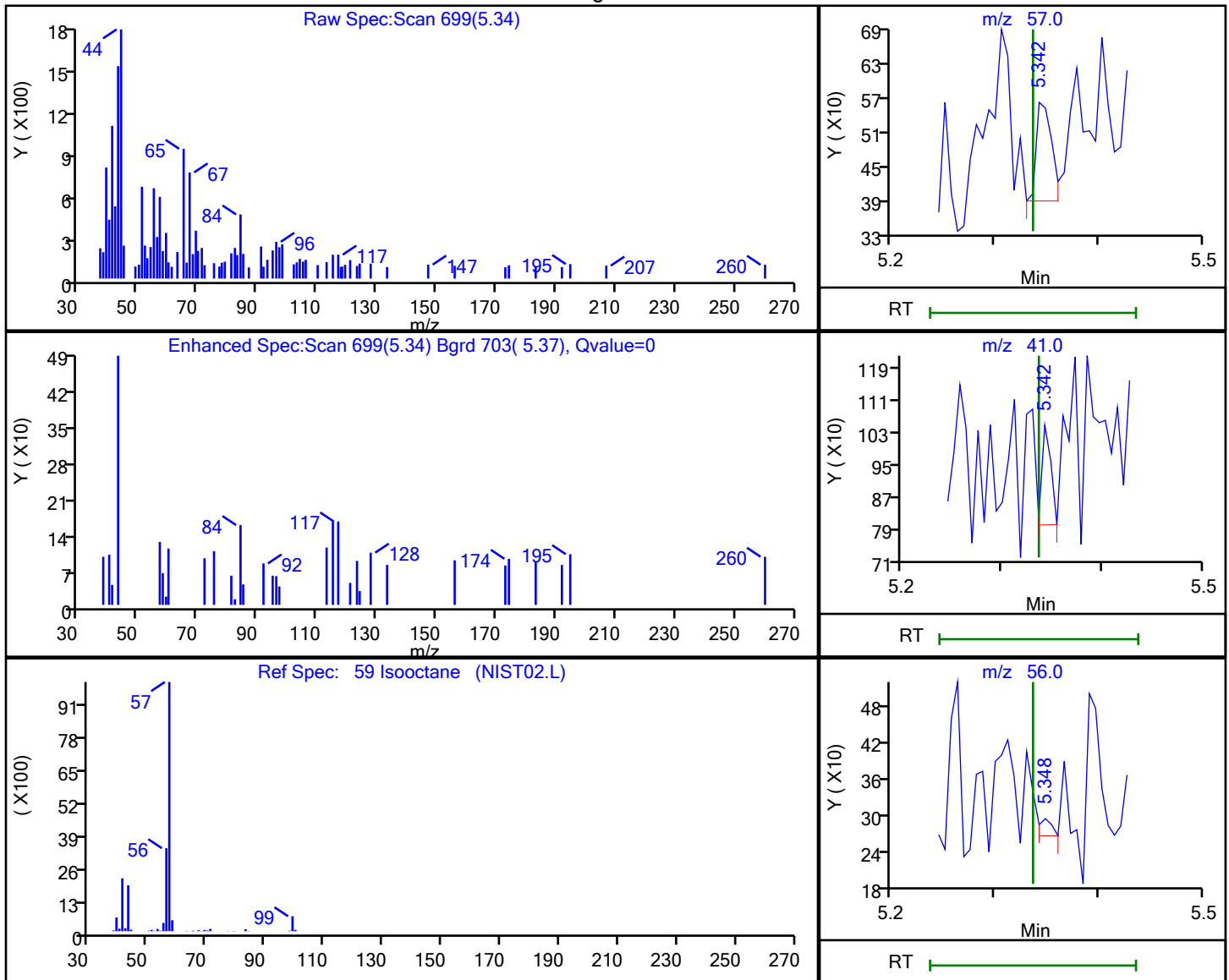
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.34	57.00	179	0.016579
5.34	41.00	155	
5.35	56.00	23	

Reviewer: baronm, 23-Dec-2021 18:22:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

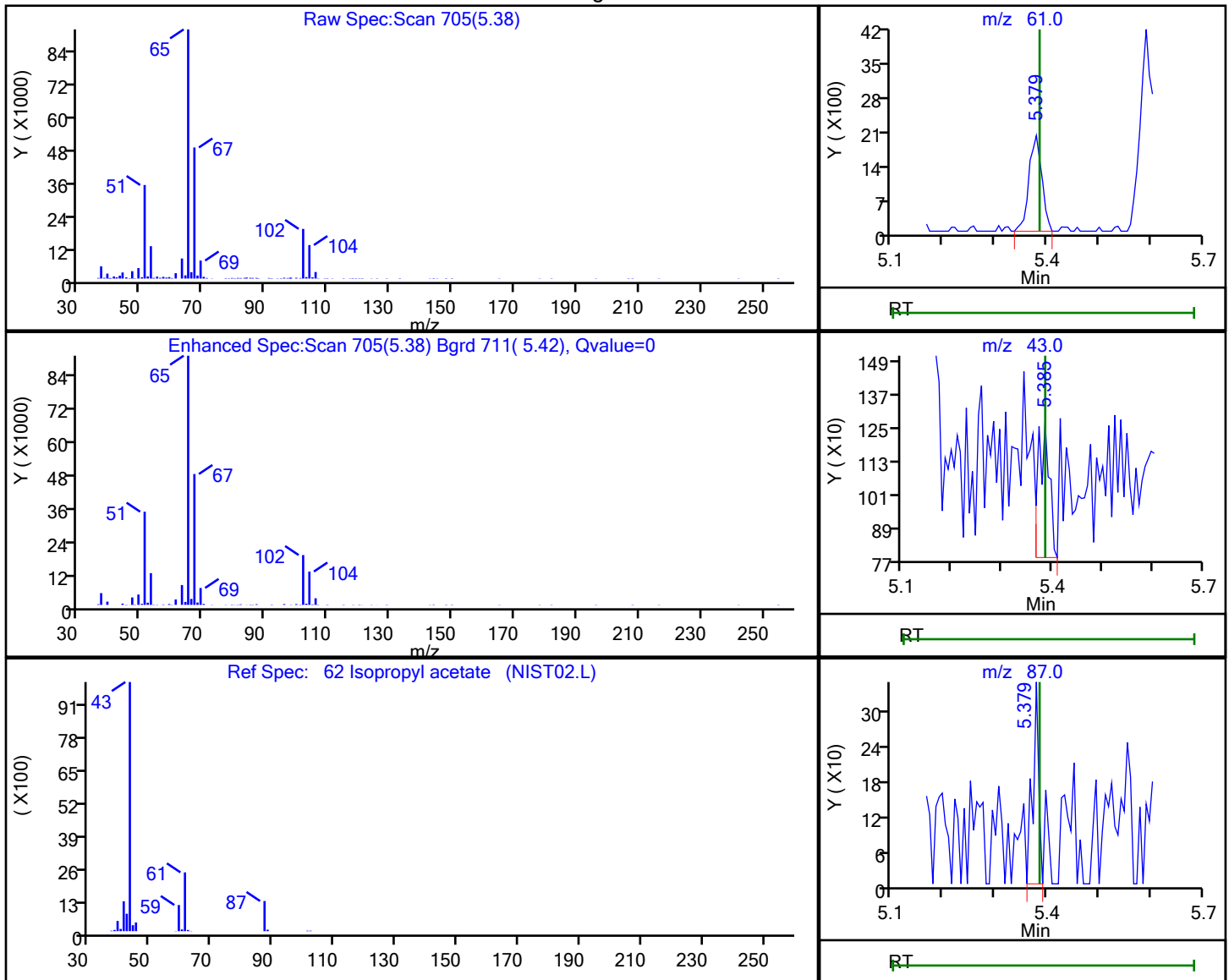
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.38	61.00	3438	2.970322
5.38	43.00	739	
5.38	87.00	277	

Reviewer: baronm, 23-Dec-2021 18:22:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

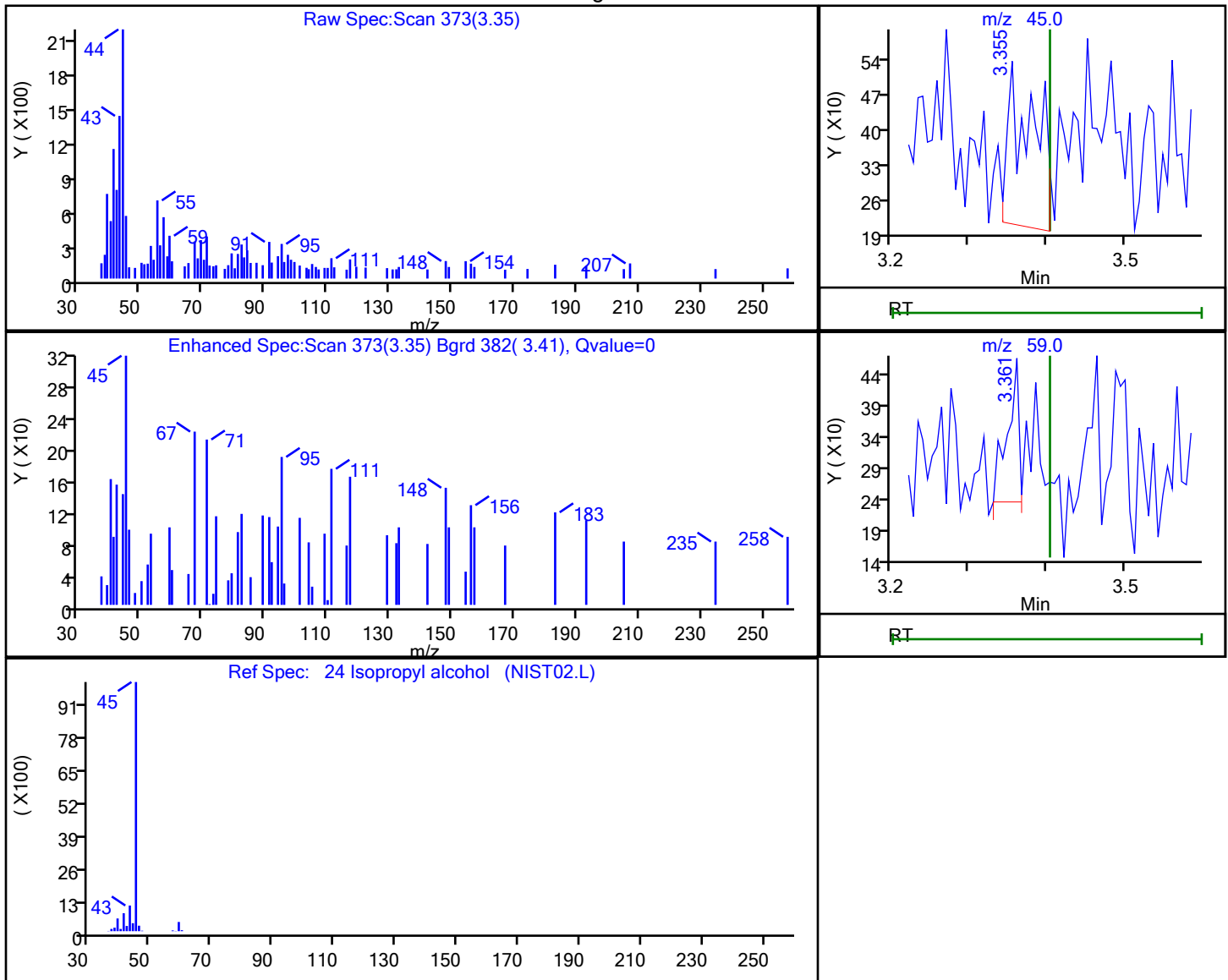
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
3.35	45.00	750	6.330859
3.36	59.00	231	

Reviewer: baronm, 23-Dec-2021 18:21:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

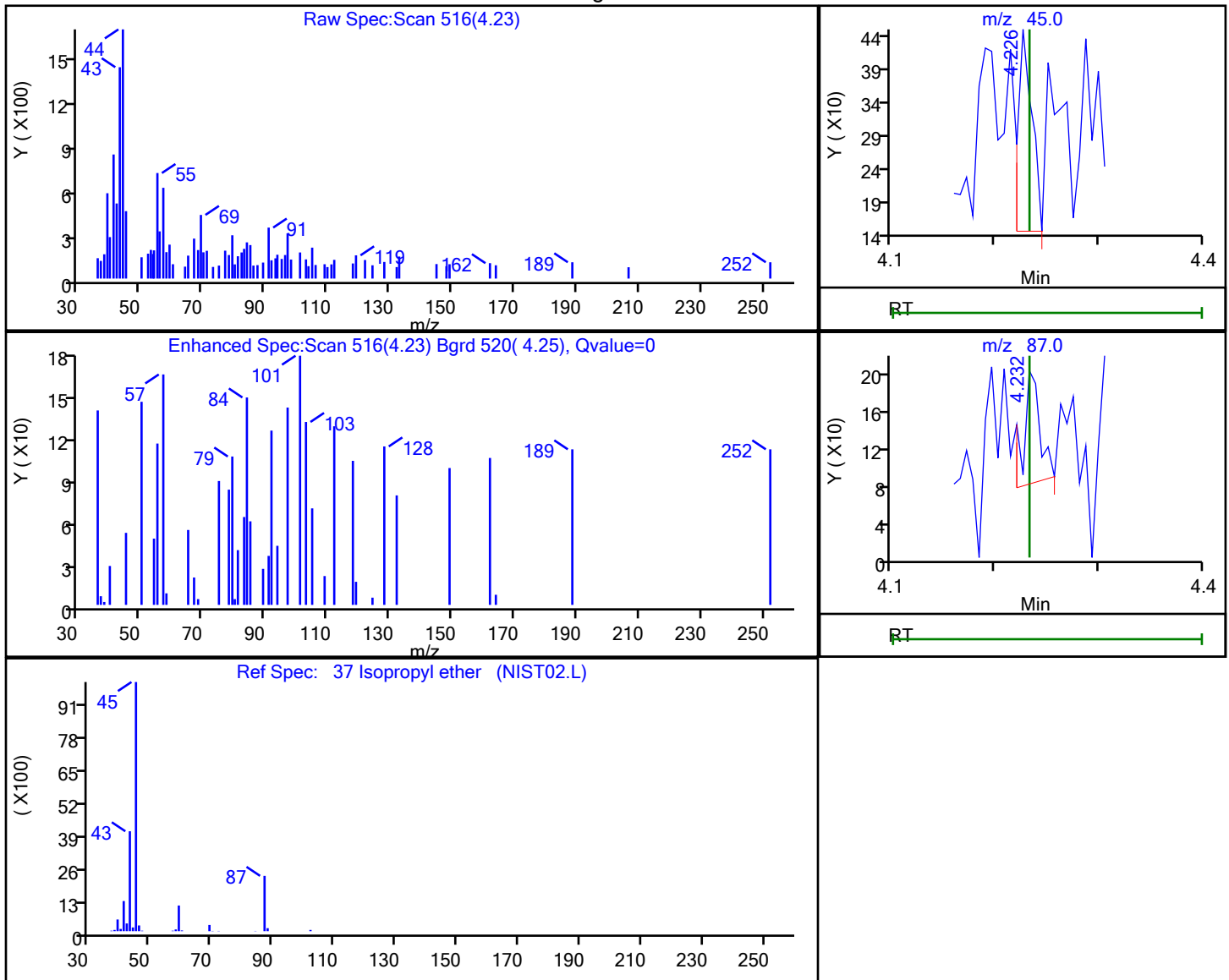
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

37 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
4.23	45.00	283	0.031071
4.23	87.00	134	

Reviewer: baronm, 23-Dec-2021 18:22:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

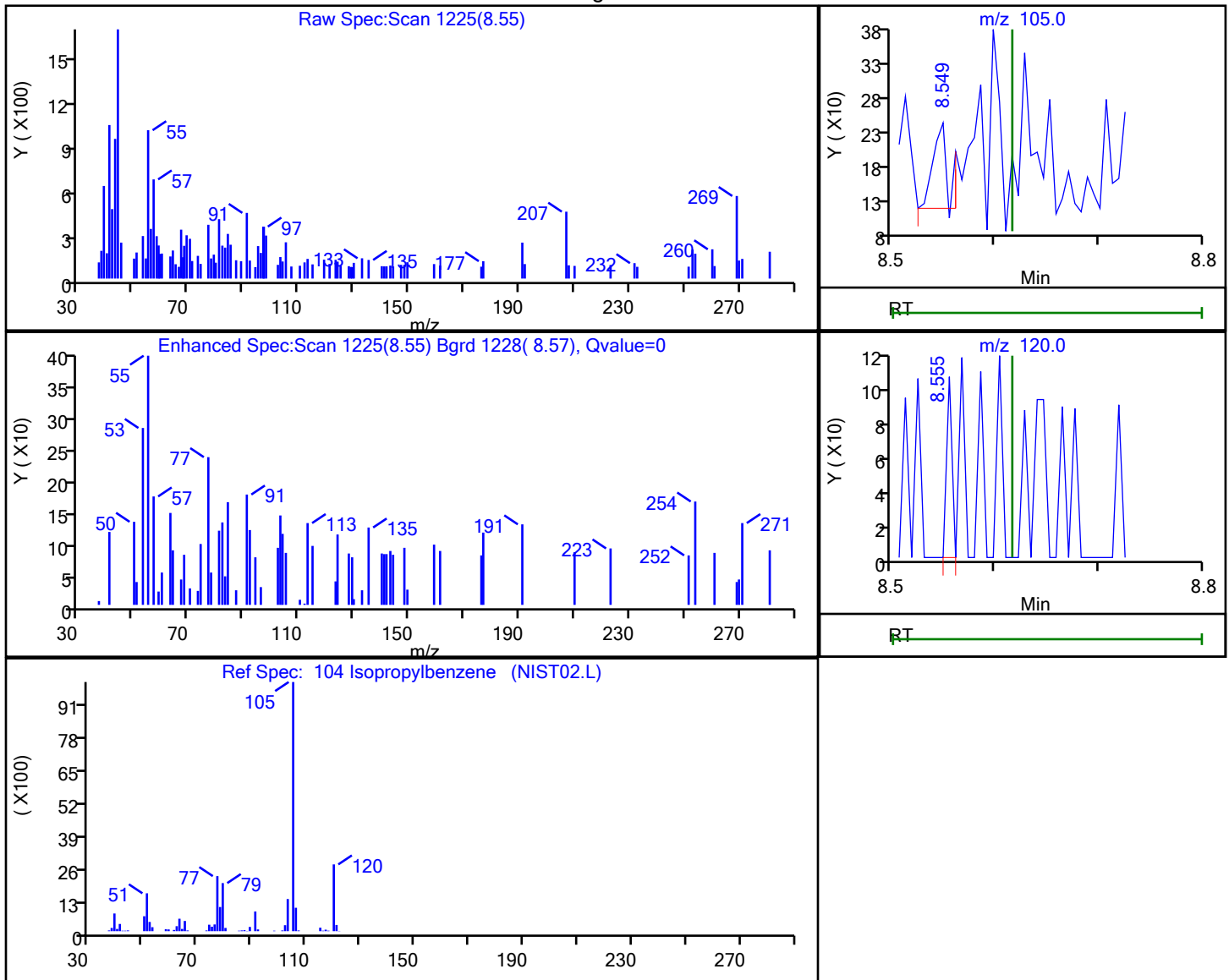
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
8.55	105.00	127	0.009735
8.55	120.00	38	

Reviewer: baronm, 23-Dec-2021 18:24:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

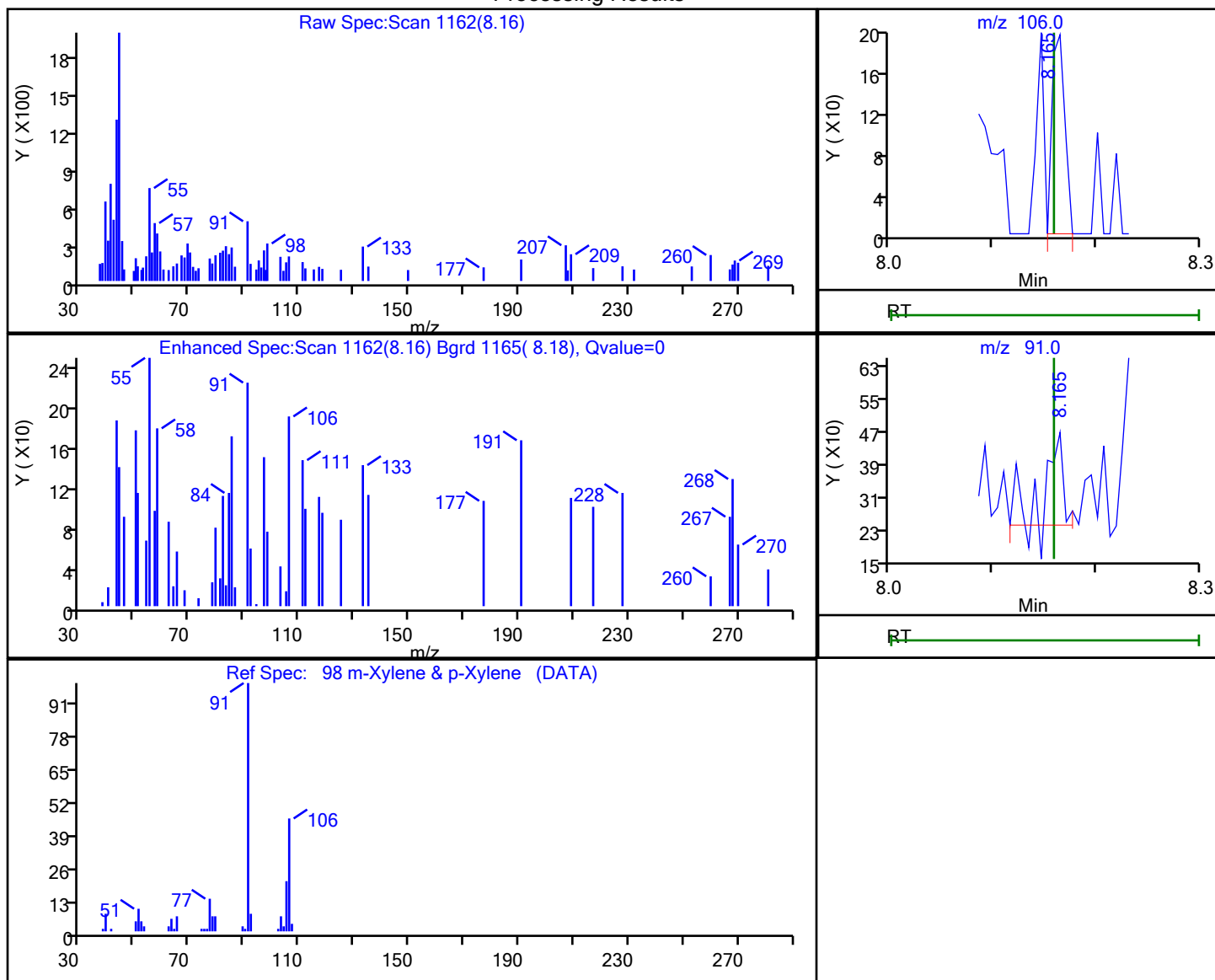
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.16	106.00	165	0.033293
8.16	91.00	272	

Reviewer: baronm, 23-Dec-2021 18:24:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

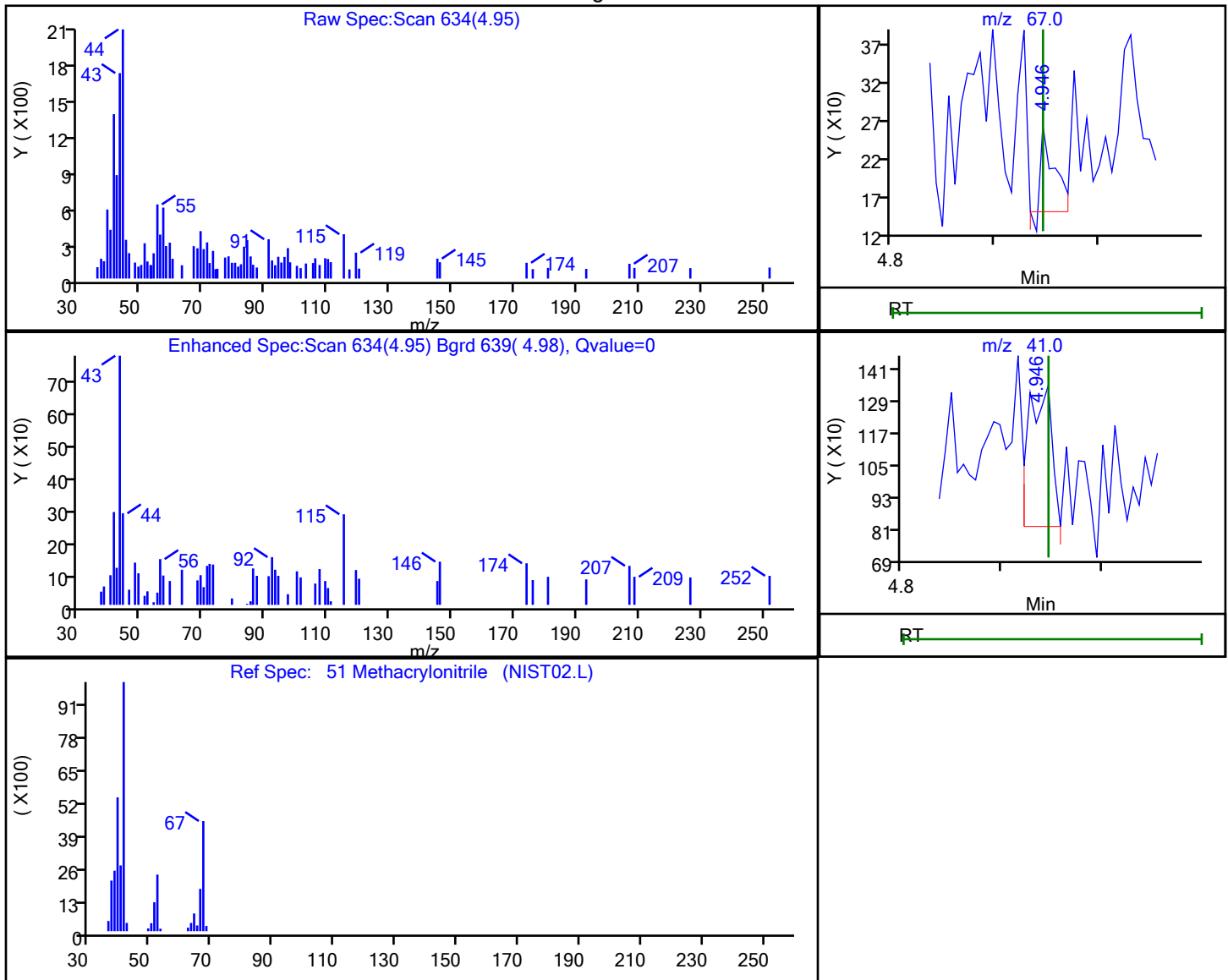
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.95	67.00	97	0.086182
4.95	41.00	856	

Reviewer: baronm, 23-Dec-2021 18:22:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

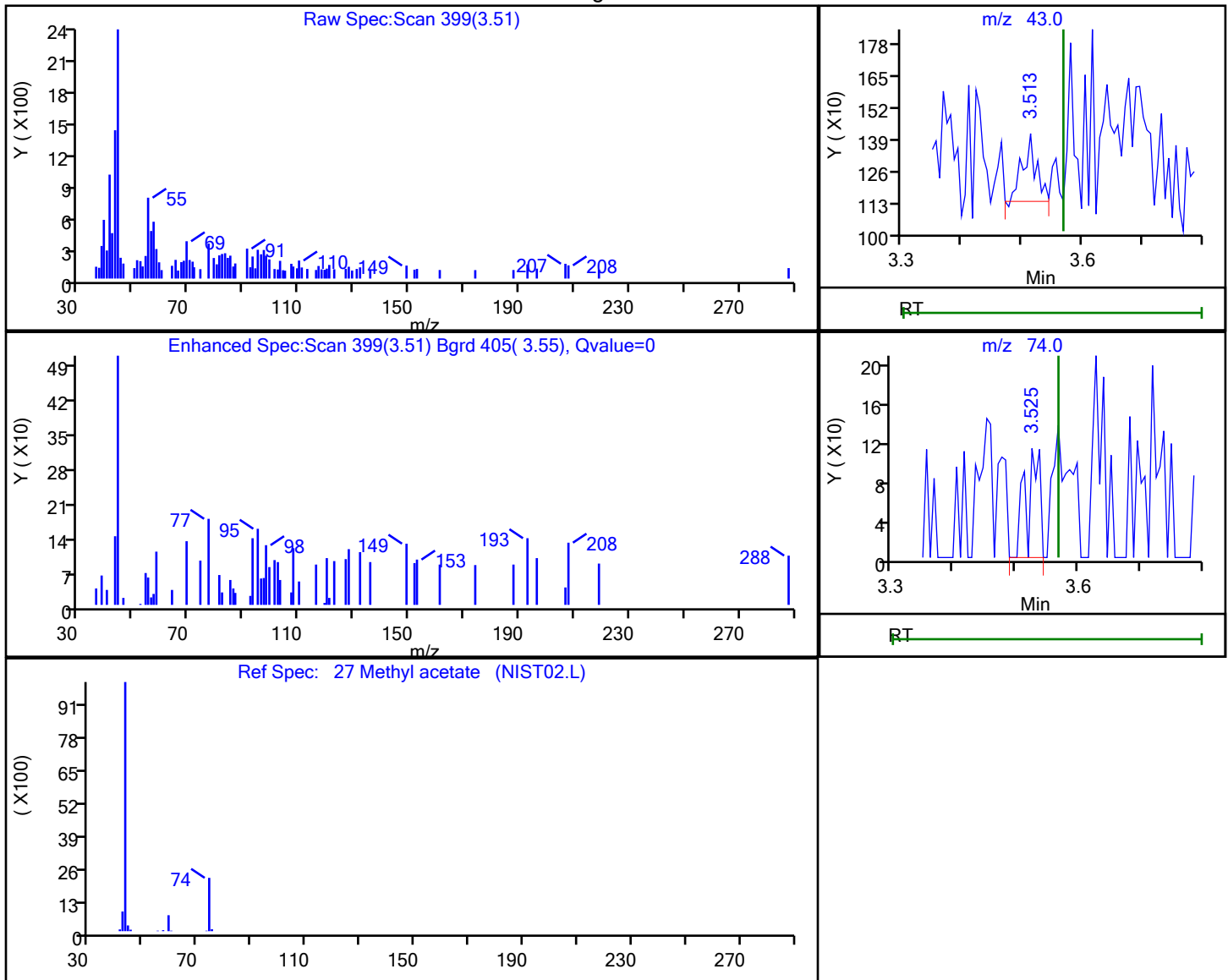
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.51	43.00	434	0.217735
3.53	74.00	173	

Reviewer: baronm, 23-Dec-2021 18:21:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

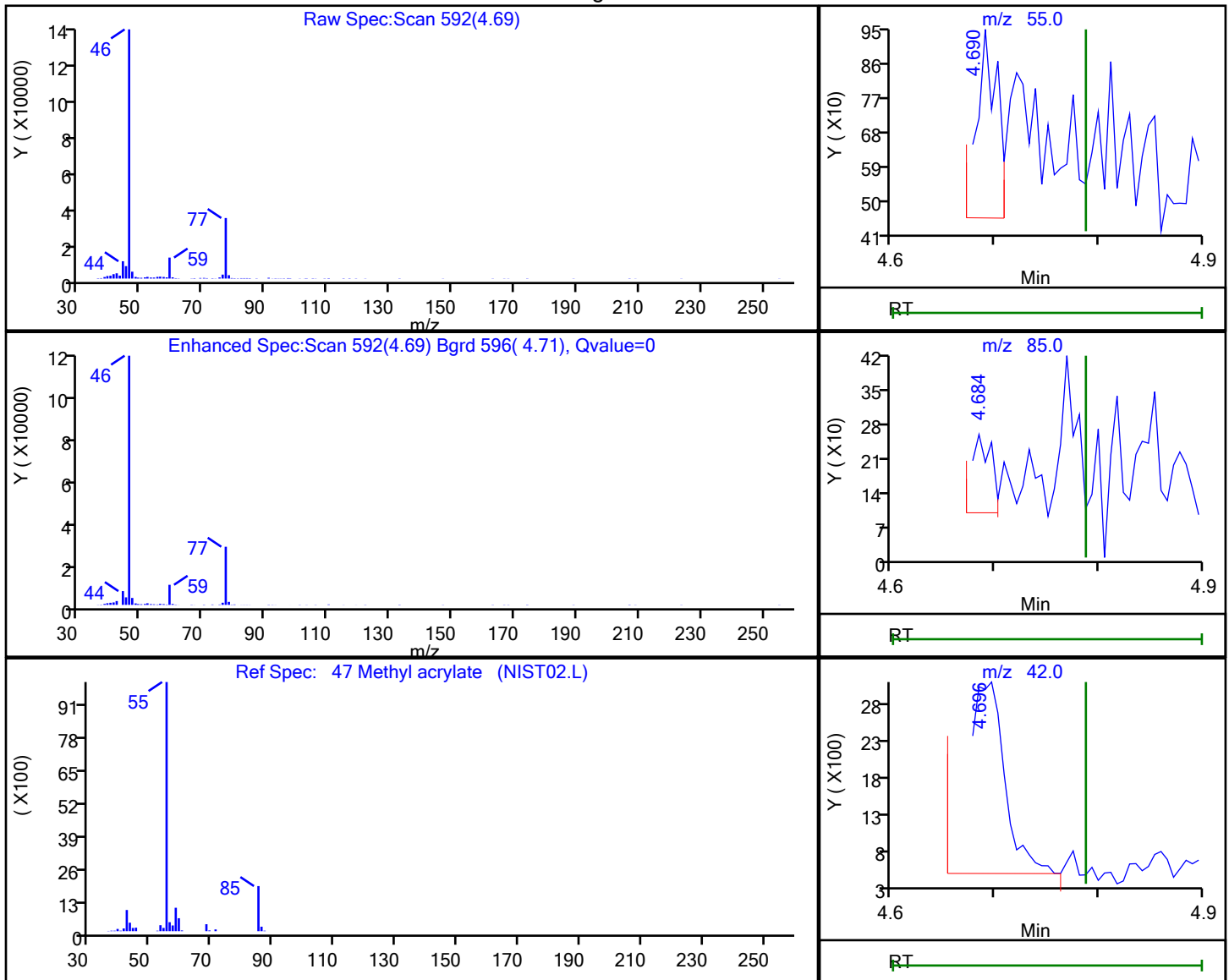
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.69	55.00	681	0.284206
4.68	85.00	199	
4.70	42.00	5941	

Reviewer: baronm, 23-Dec-2021 18:22:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

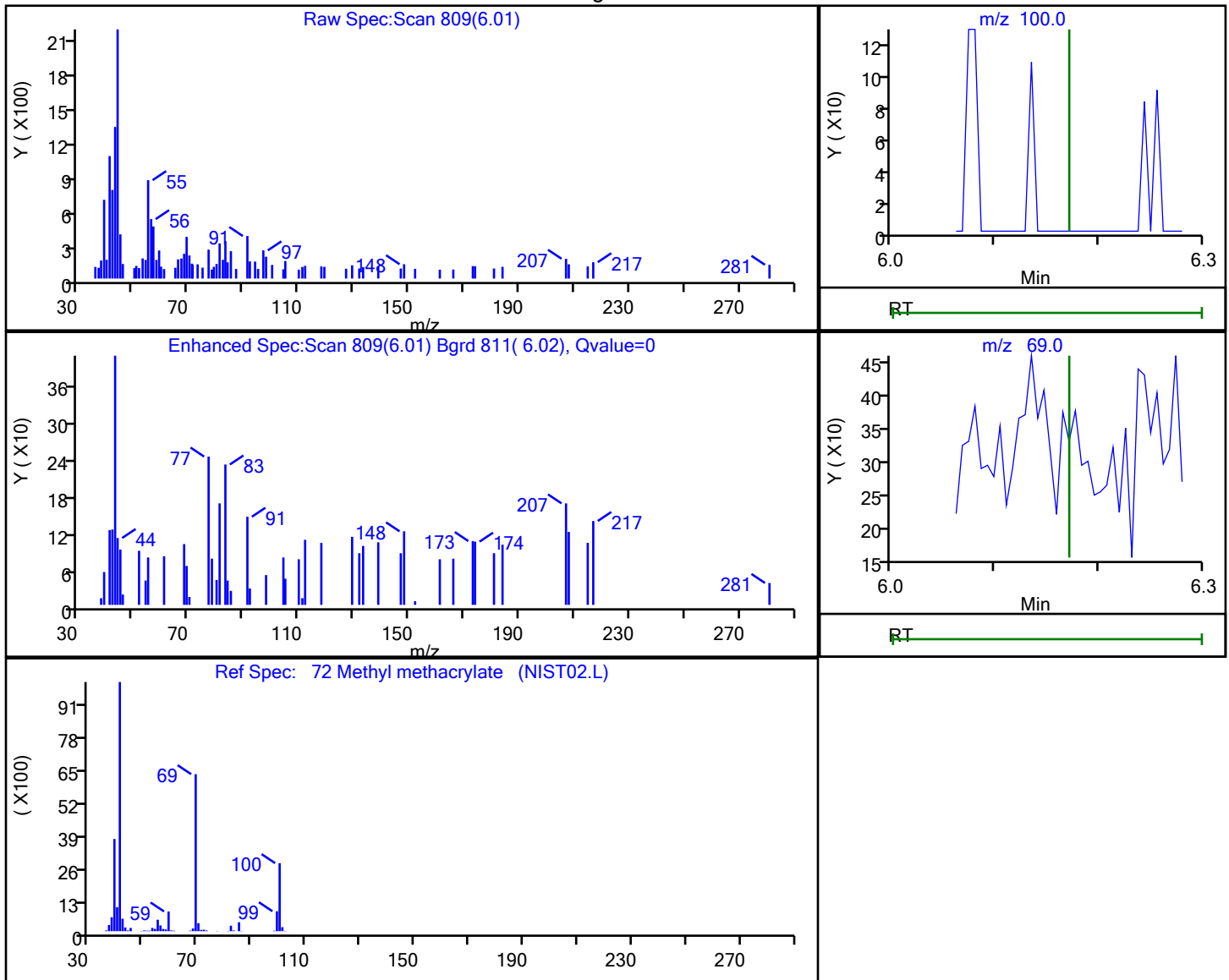
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

72 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
6.01	100.00	113	
6.02	69.00	186	0.106118

Reviewer: baronm, 23-Dec-2021 18:22:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

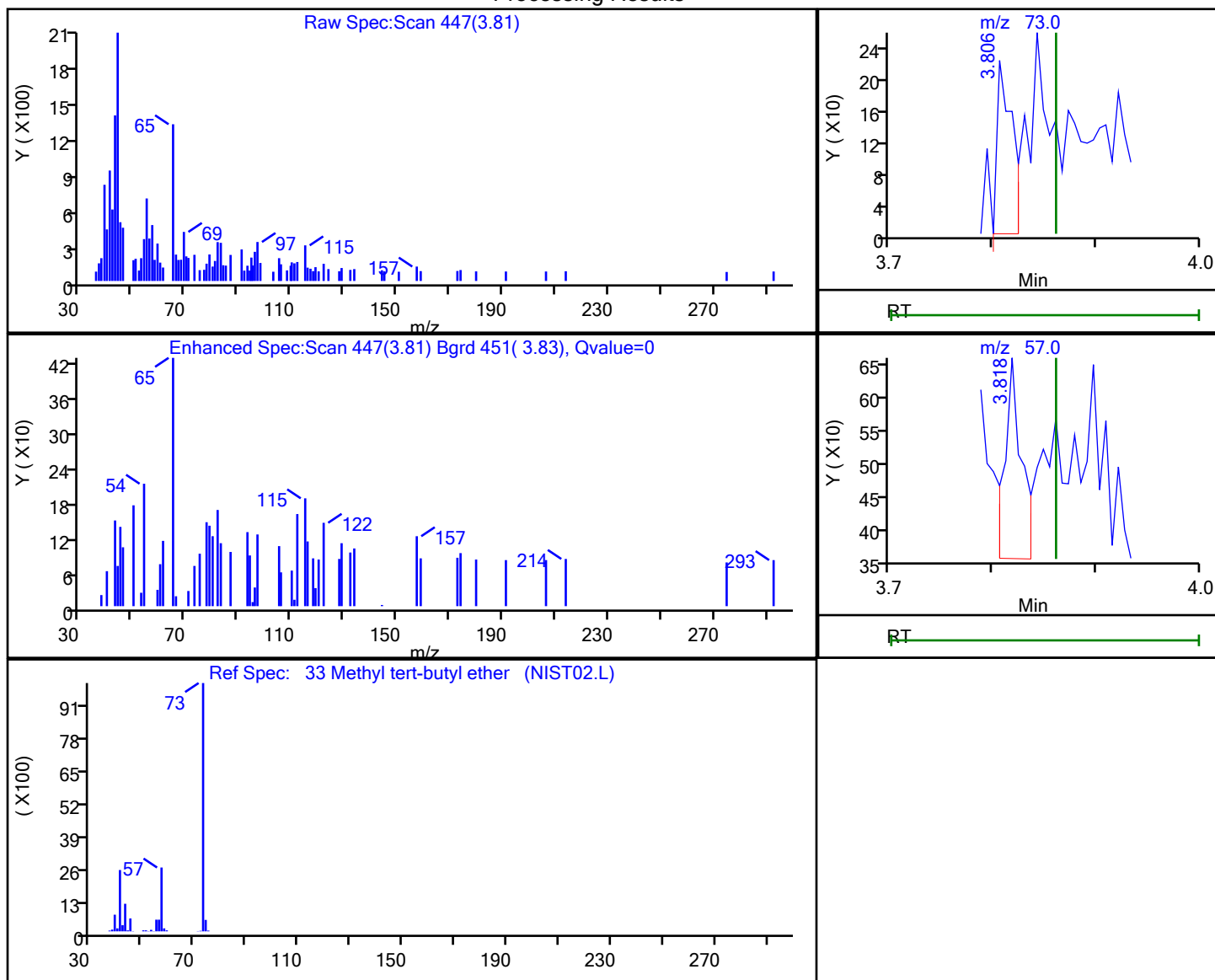
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
3.81	73.00	225	0.028273
3.82	57.00	341	

Reviewer: baronm, 23-Dec-2021 18:22:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

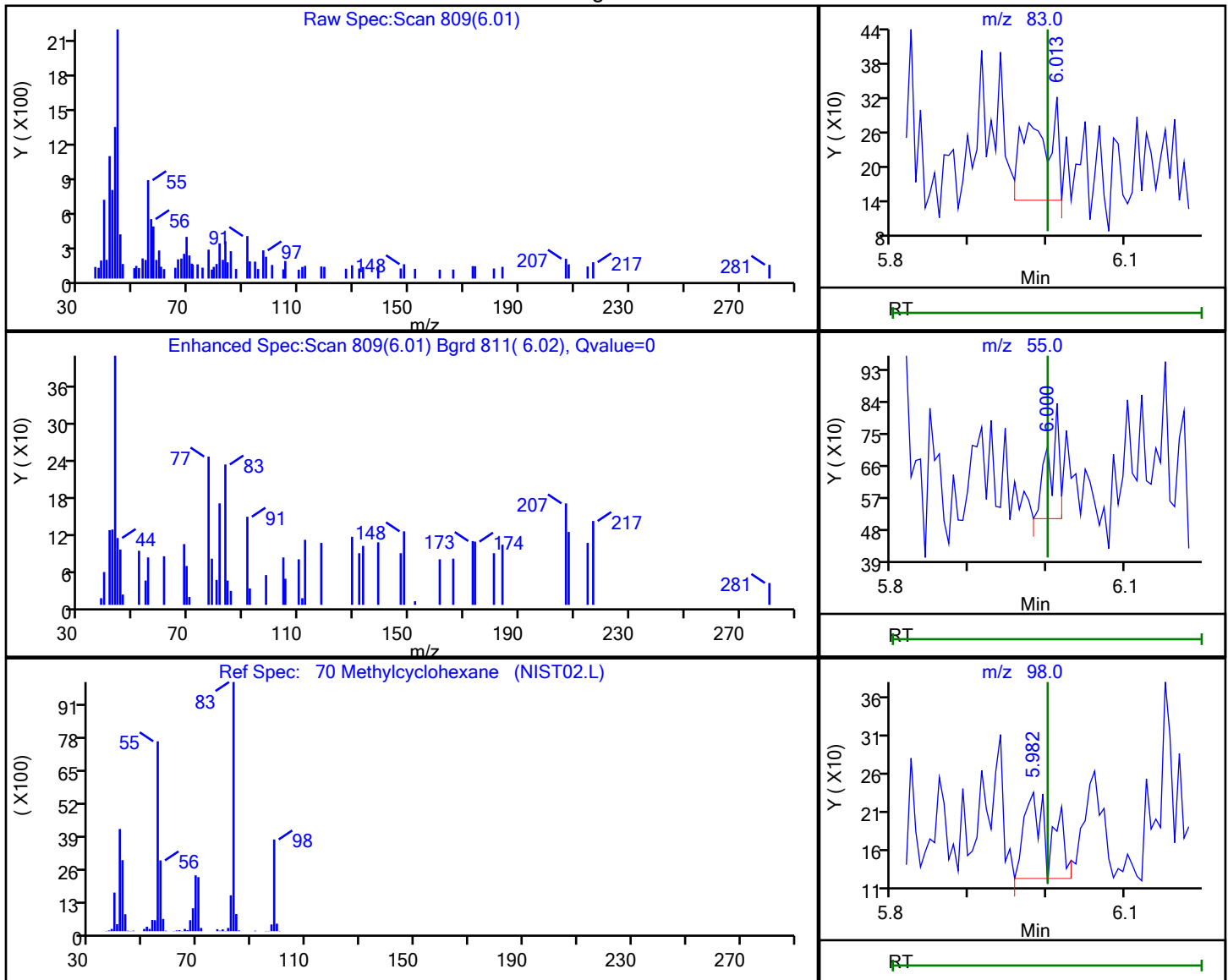
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
6.01	83.00	388	0.069272
6.00	55.00	308	
5.98	98.00	269	

Reviewer: baronm, 23-Dec-2021 18:22:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

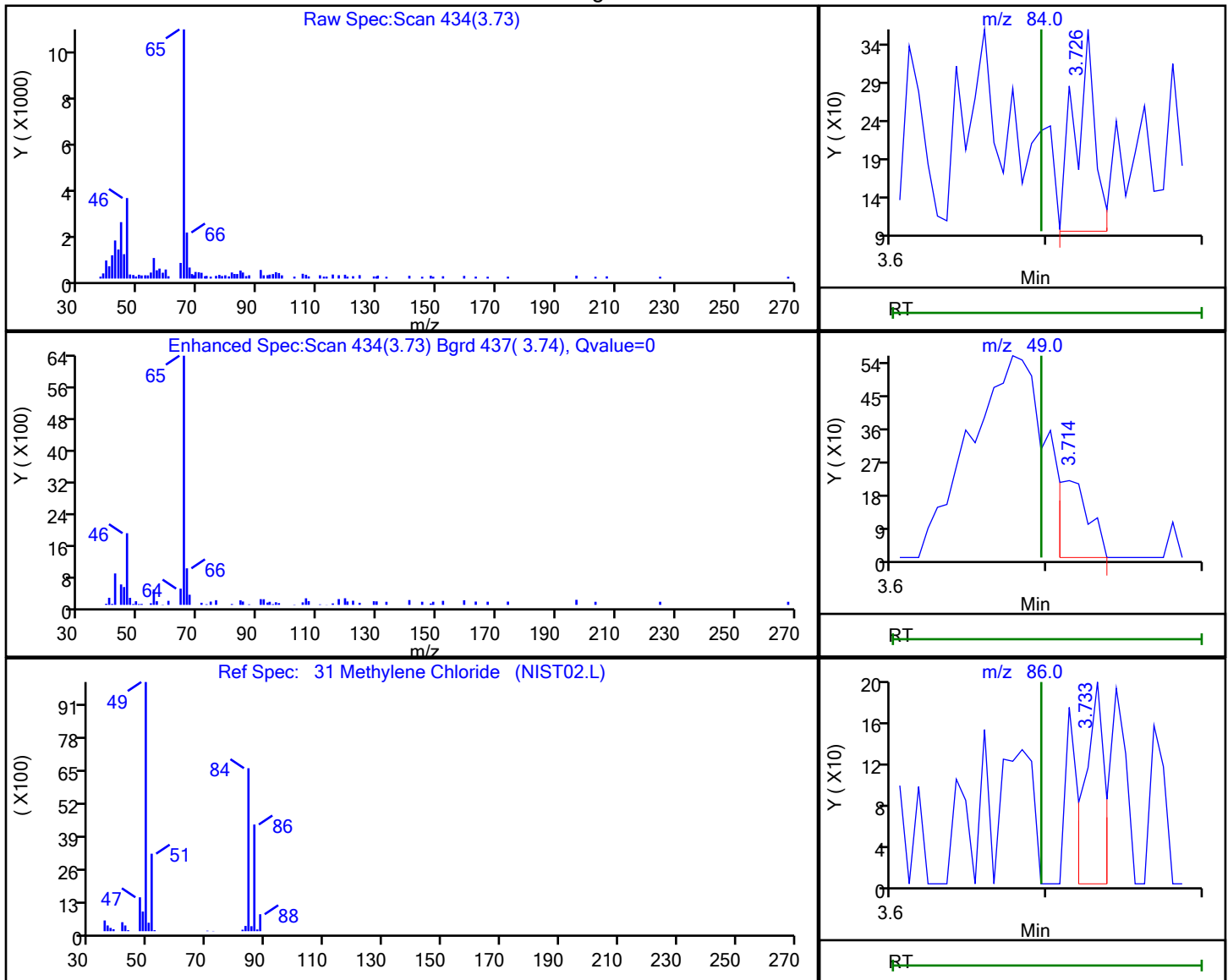
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.73	84.00	226	0.073256
3.71	49.00	303	
3.73	86.00	167	

Reviewer: baronm, 23-Dec-2021 18:21:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

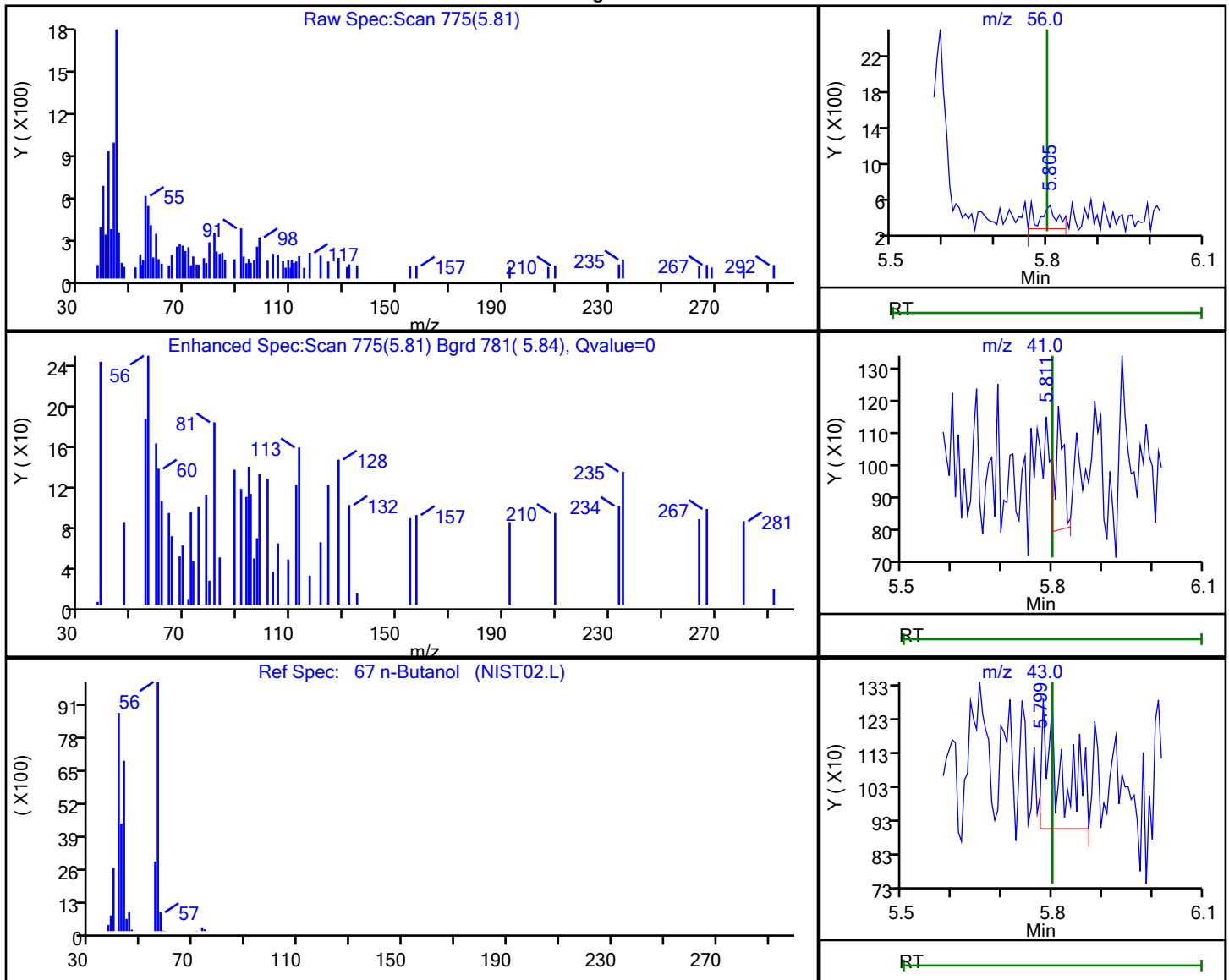
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.81	56.00	605	5.834217
5.81	41.00	459	
5.80	43.00	1022	

Reviewer: baronm, 23-Dec-2021 18:22:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

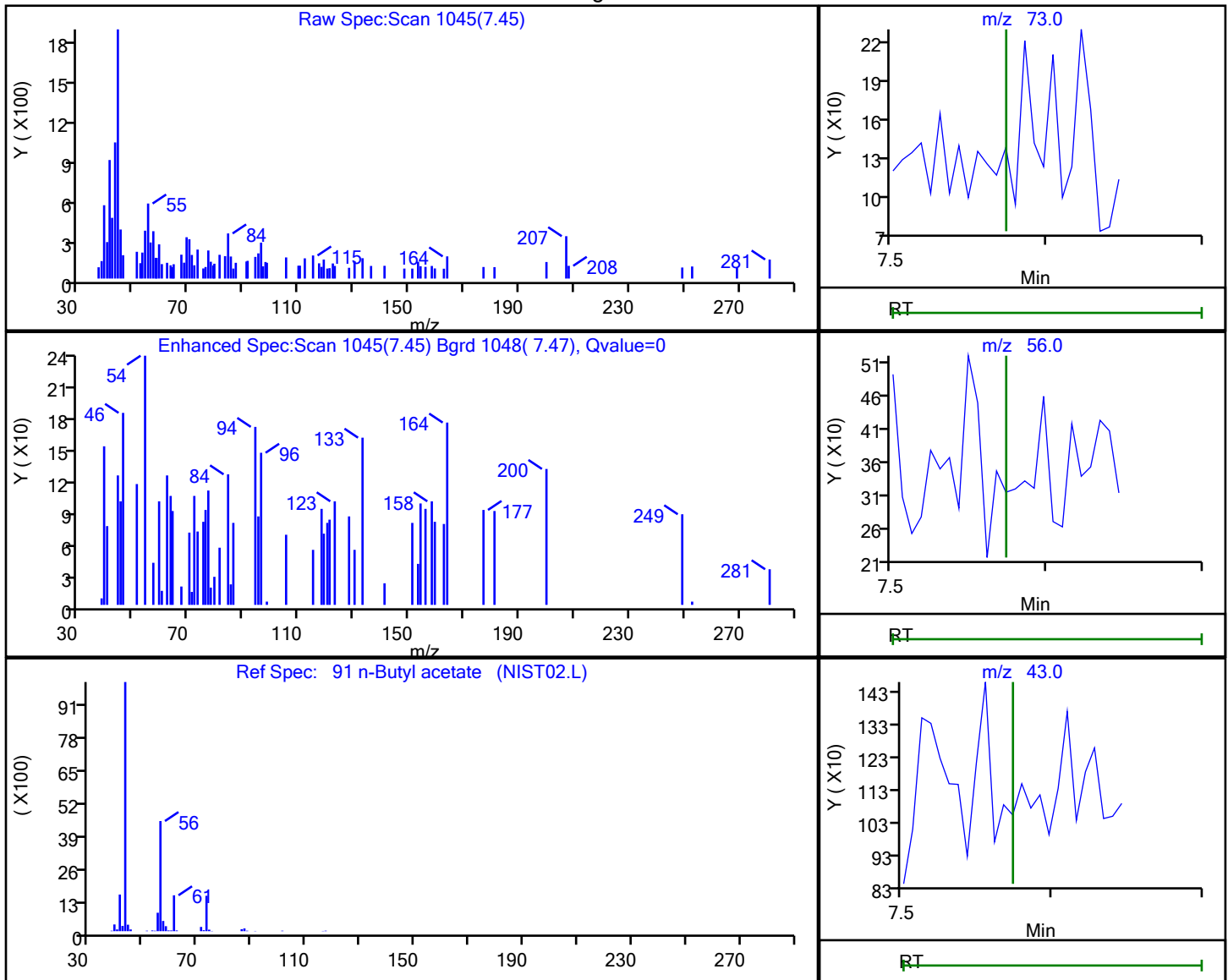
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.45	73.00	123	0.175352
7.46	56.00	168	
7.46	43.00	397	

Reviewer: baronm, 23-Dec-2021 18:23:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

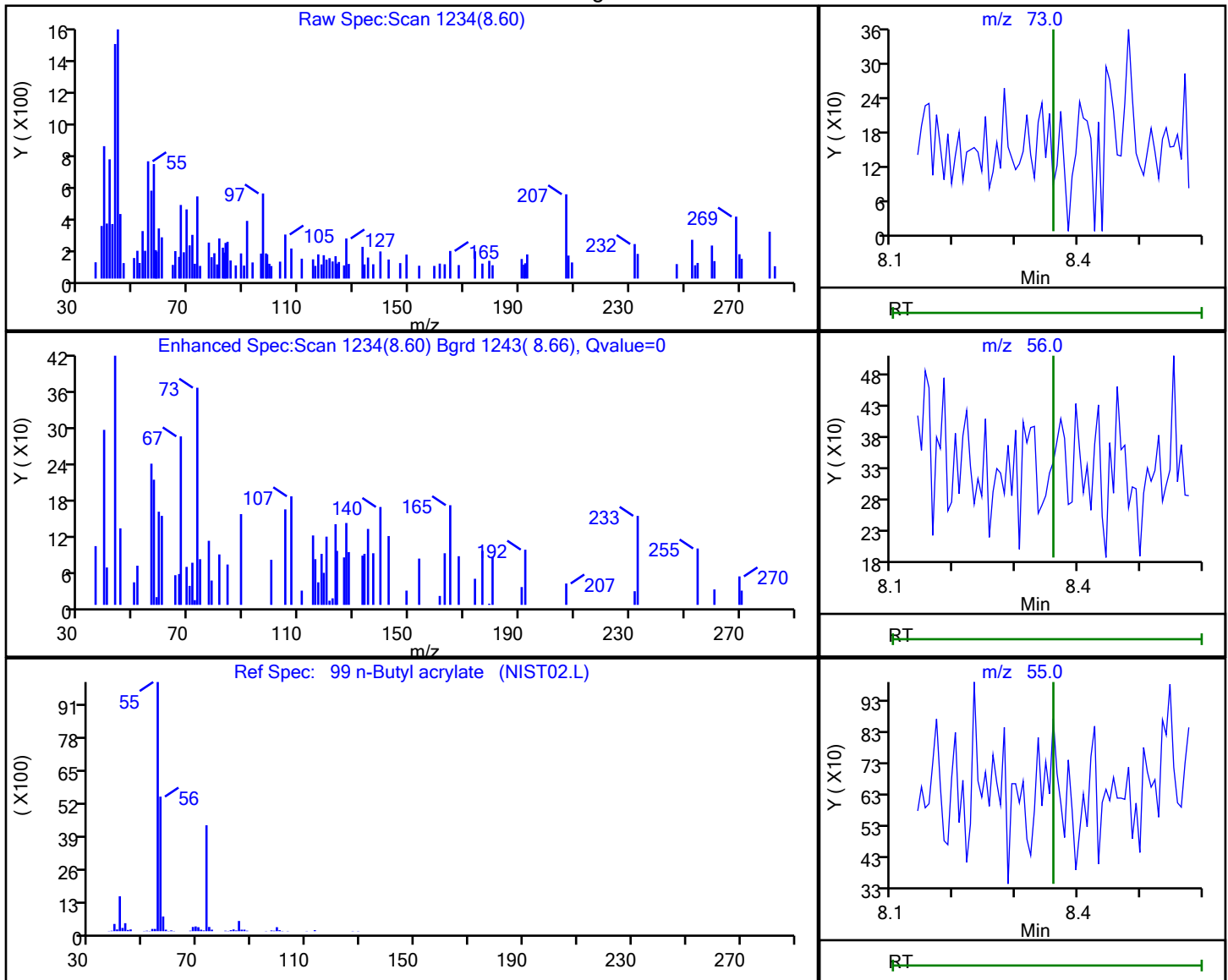
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

99 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.60	73.00	849	0.439834
8.62	56.00	465	
8.62	55.00	609	

Reviewer: baronm, 23-Dec-2021 18:24:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

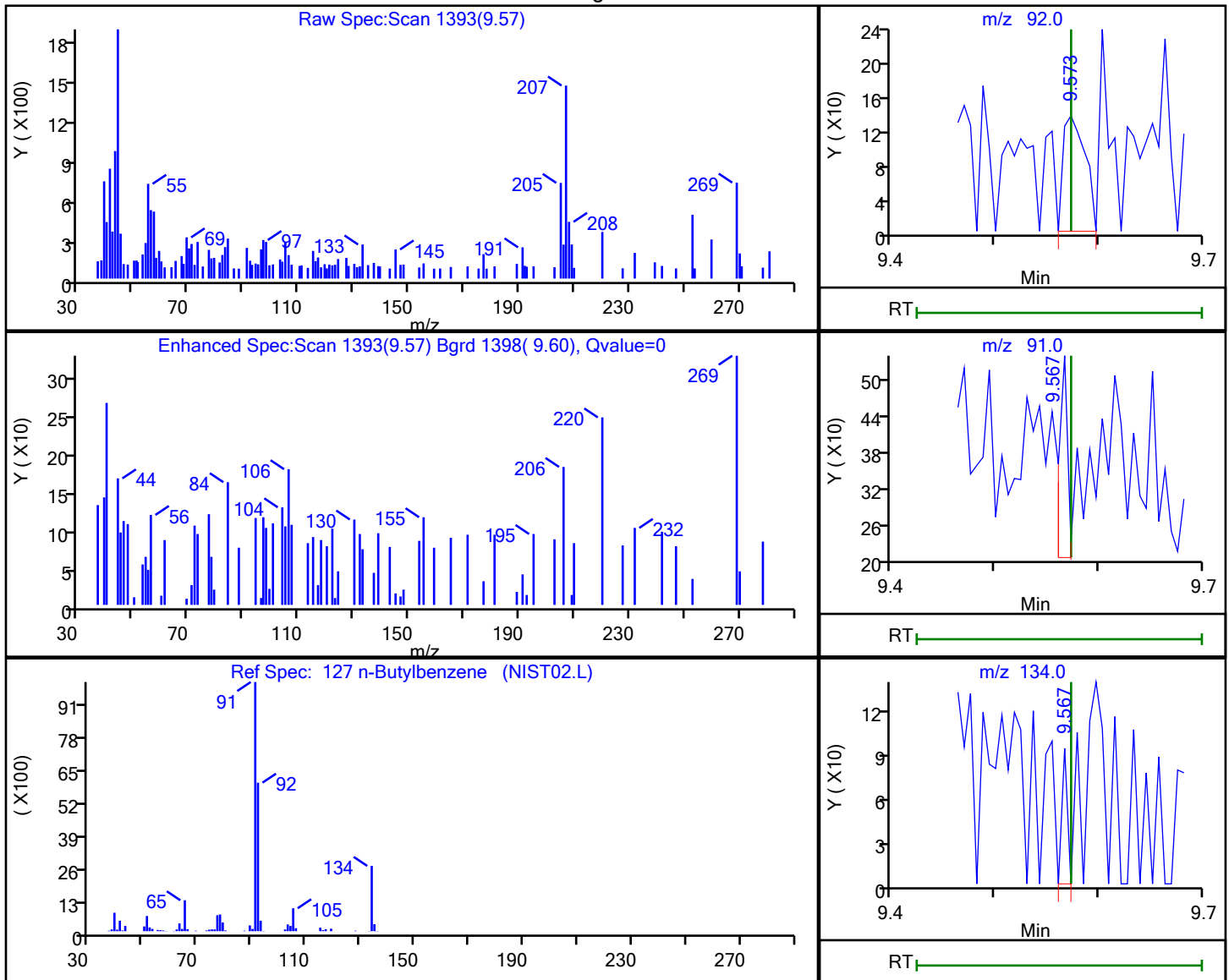
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
9.57	92.00	200	0.029734
9.57	91.00	182	
9.57	134.00	34	

Reviewer: baronm, 23-Dec-2021 18:24:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

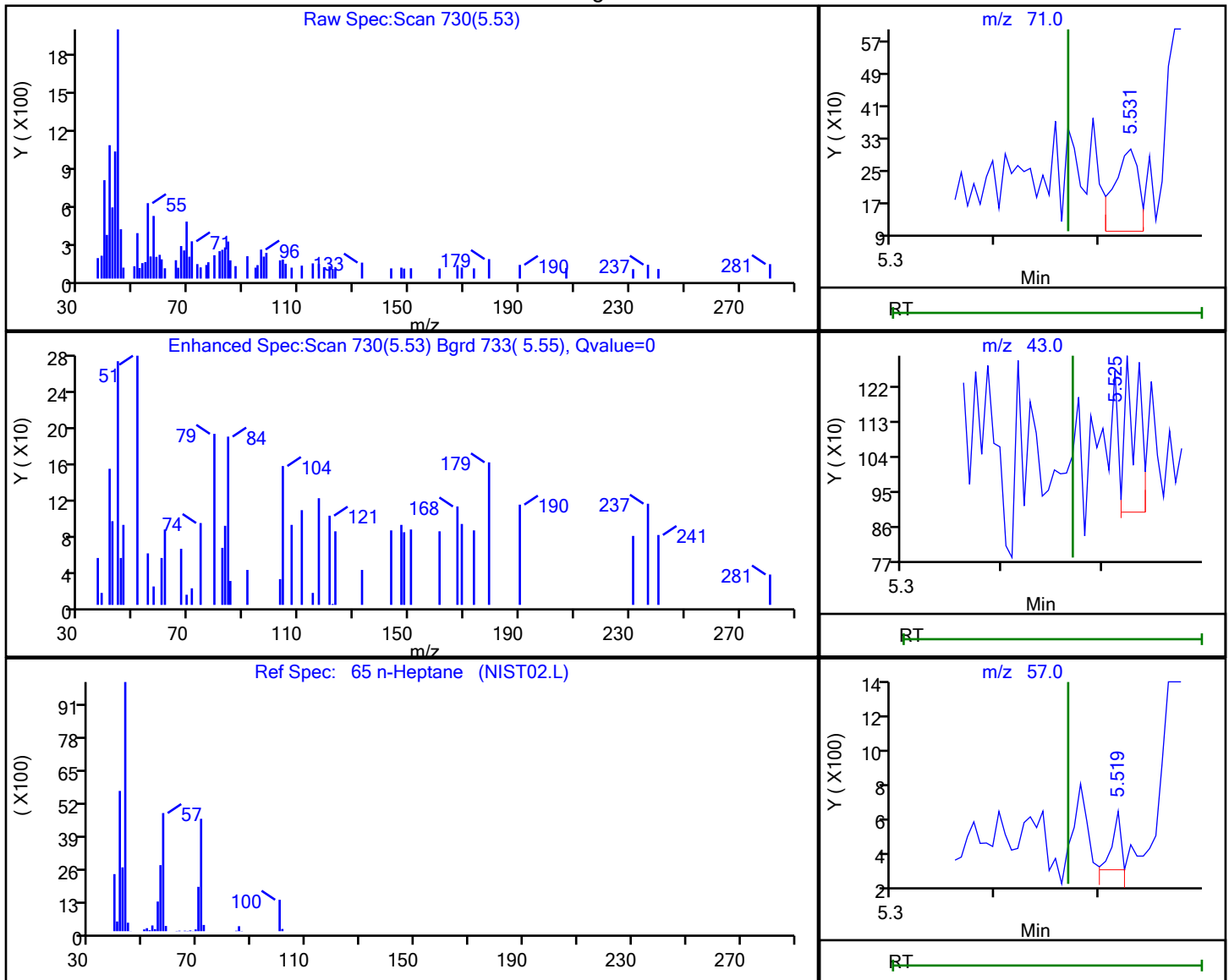
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.53	71.00	340	0.131805
5.52	43.00	379	
5.52	57.00	176	

Reviewer: baronm, 23-Dec-2021 18:22:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

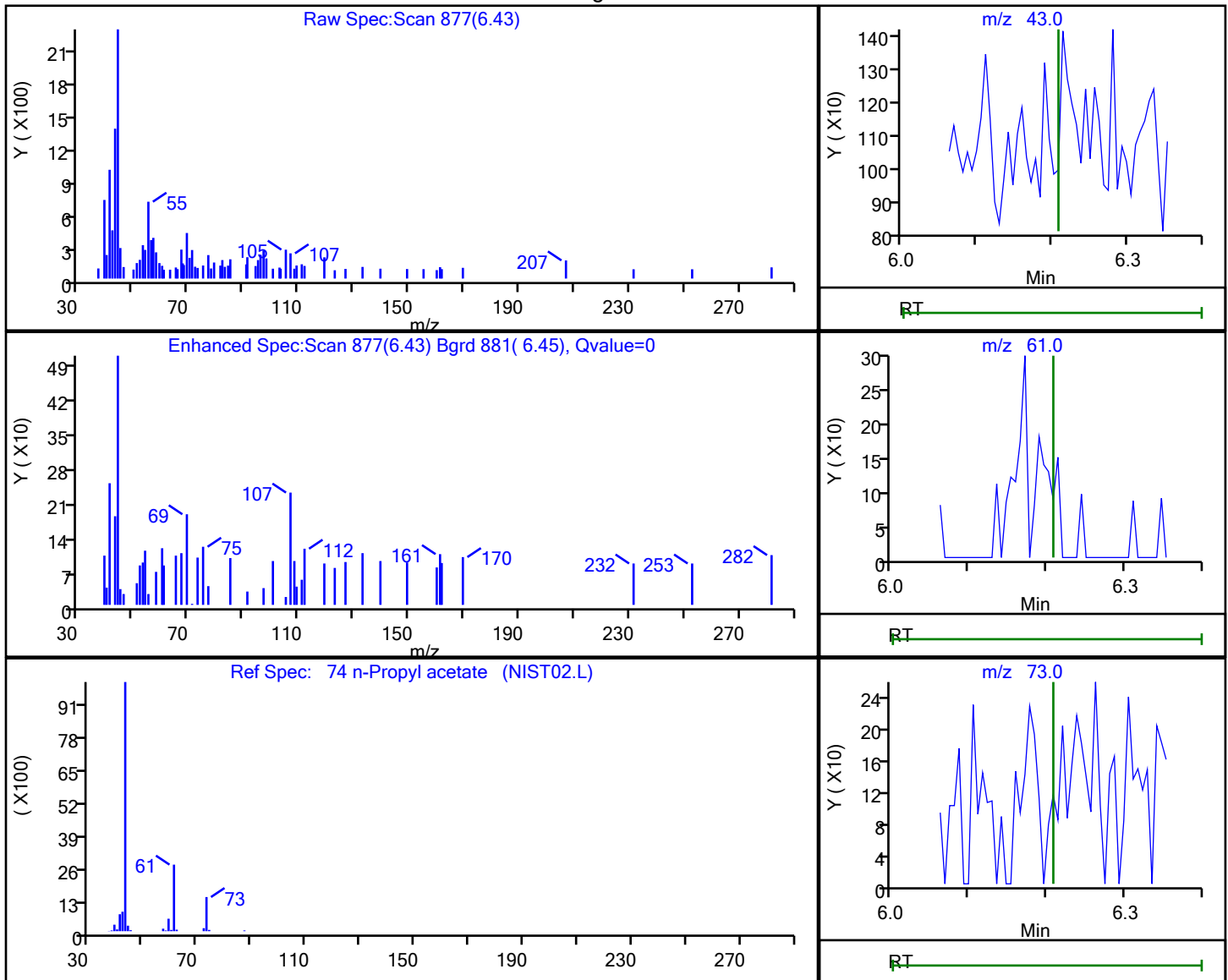
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

74 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
6.43	43.00	877	0.233345
6.41	61.00	37	
6.44	73.00	66	

Reviewer: baronm, 23-Dec-2021 18:23:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

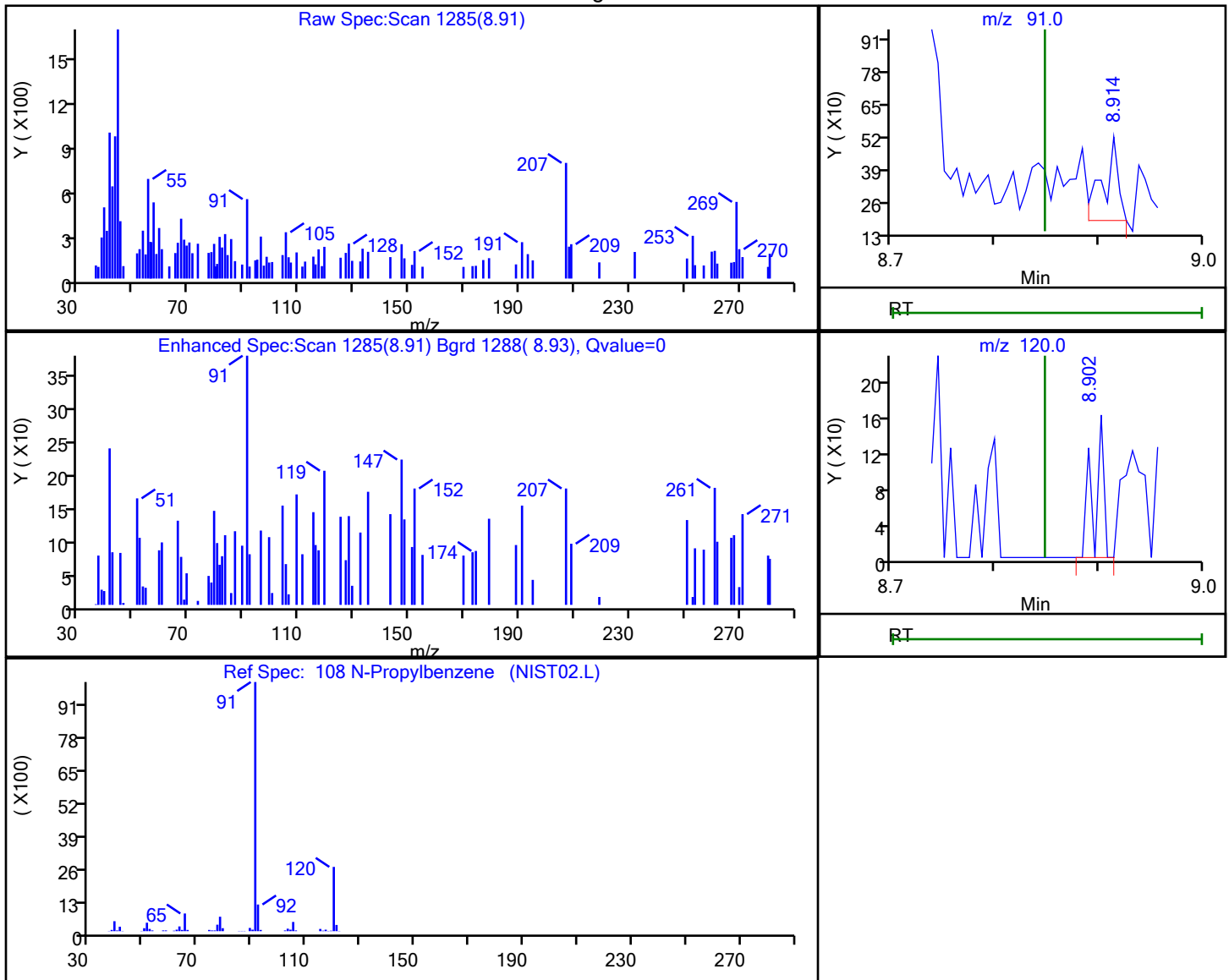
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
8.91	91.00	333	0.022098
8.90	120.00	101	

Reviewer: baronm, 23-Dec-2021 18:24:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

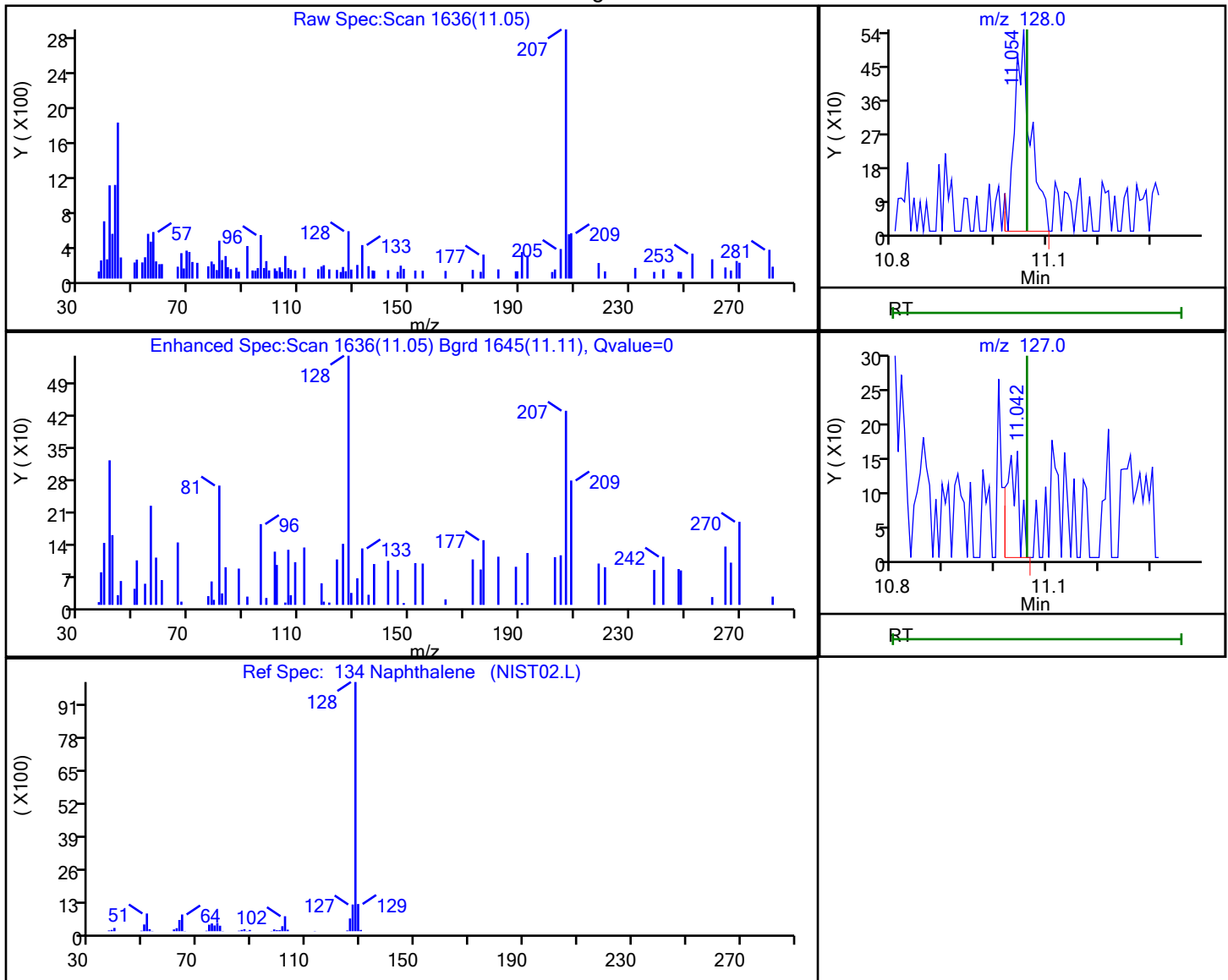
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
11.05	128.00	1165	0.101953
11.04	127.00	247	

Reviewer: baronm, 23-Dec-2021 18:24:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

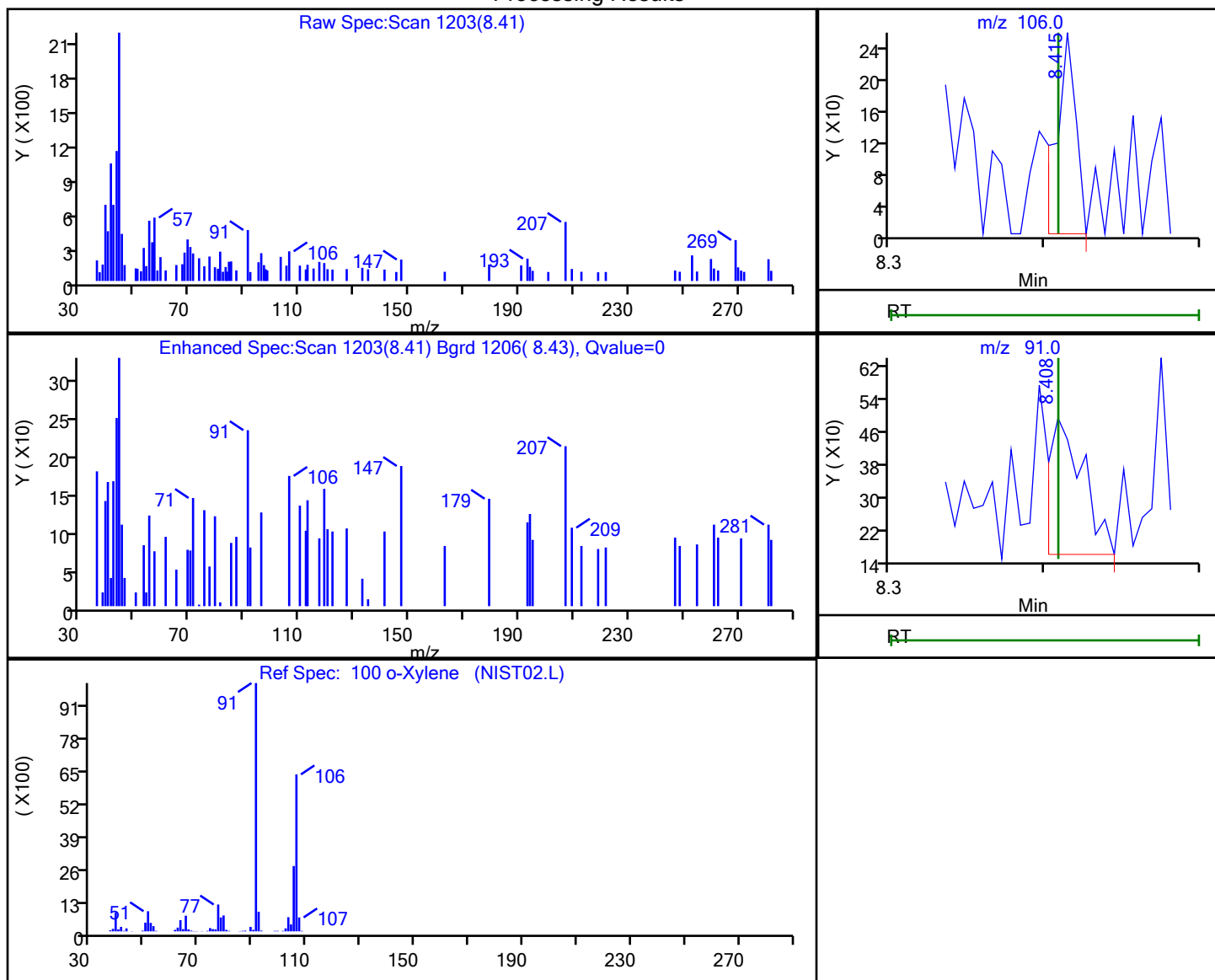
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

100 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
8.41	106.00	227	0.045078
8.41	91.00	510	

Reviewer: baronm, 23-Dec-2021 18:24:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

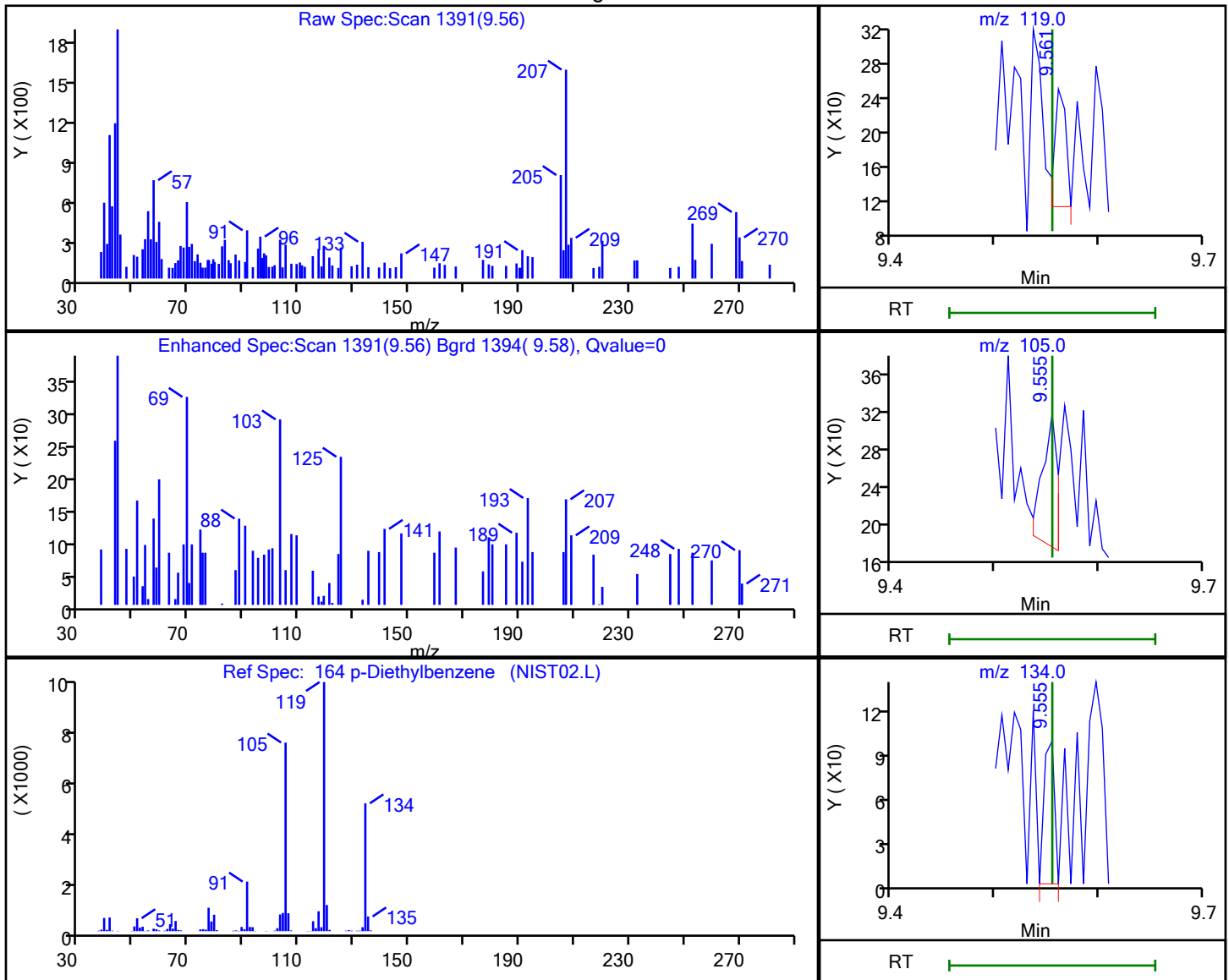
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

164 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
9.56	119.00	102	0.013813
9.55	105.00	140	
9.55	134.00	69	

Reviewer: baronm, 23-Dec-2021 18:24:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

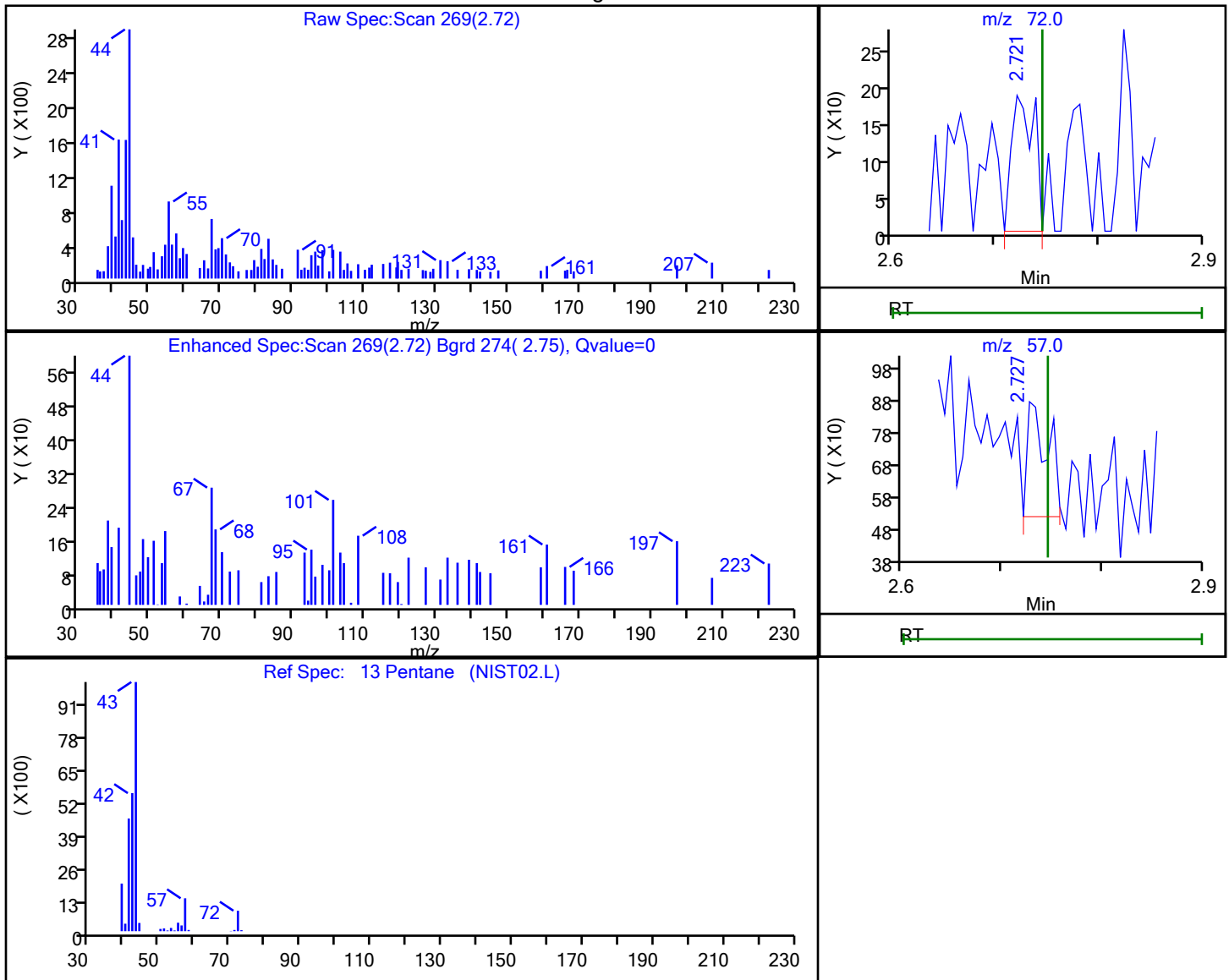
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.72	72.00	278	0.516757
2.73	57.00	504	

Reviewer: baronm, 23-Dec-2021 18:21:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

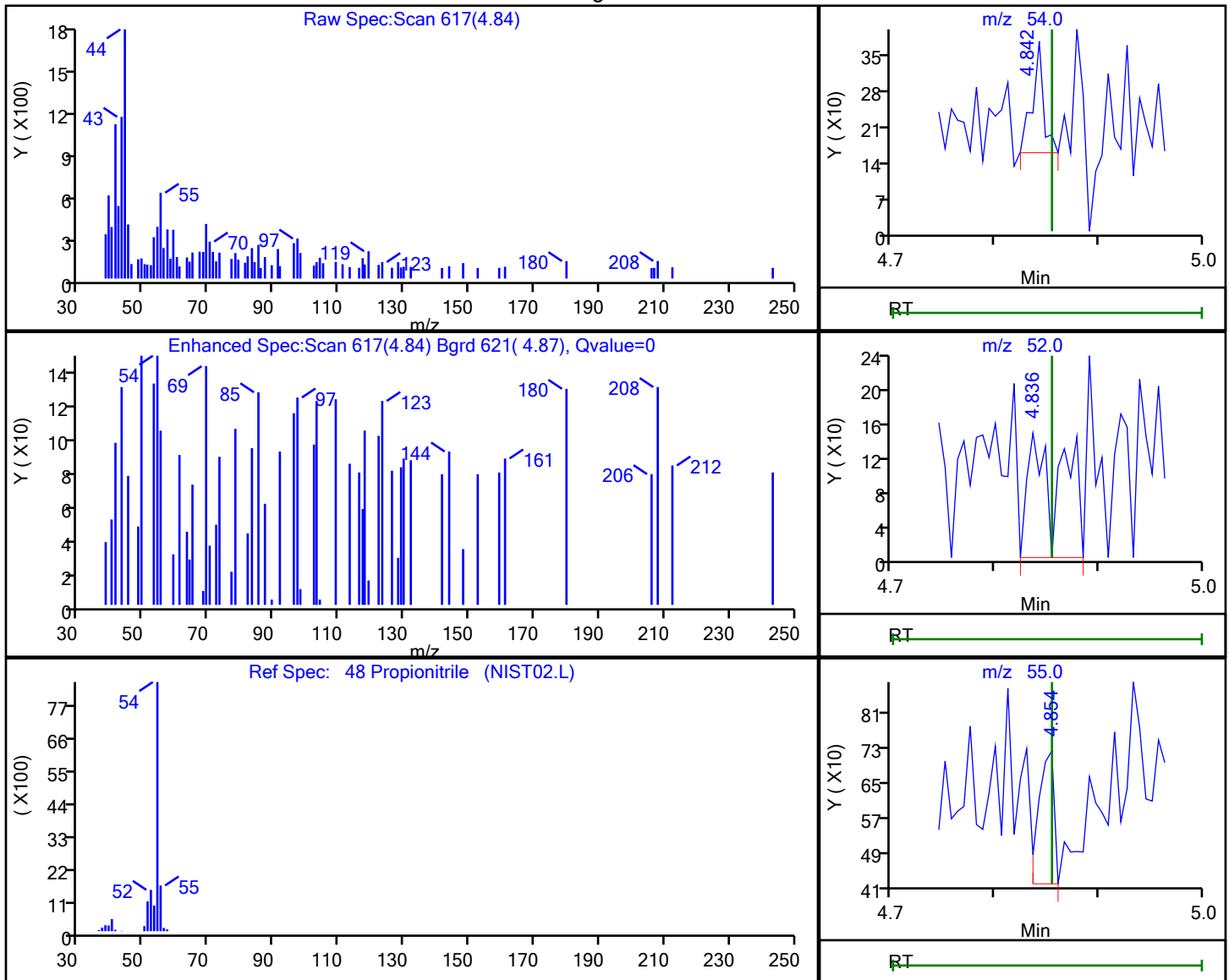
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.84	54.00	160	0.423747
4.84	52.00	335	
4.85	55.00	306	

Reviewer: baronm, 23-Dec-2021 18:22:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

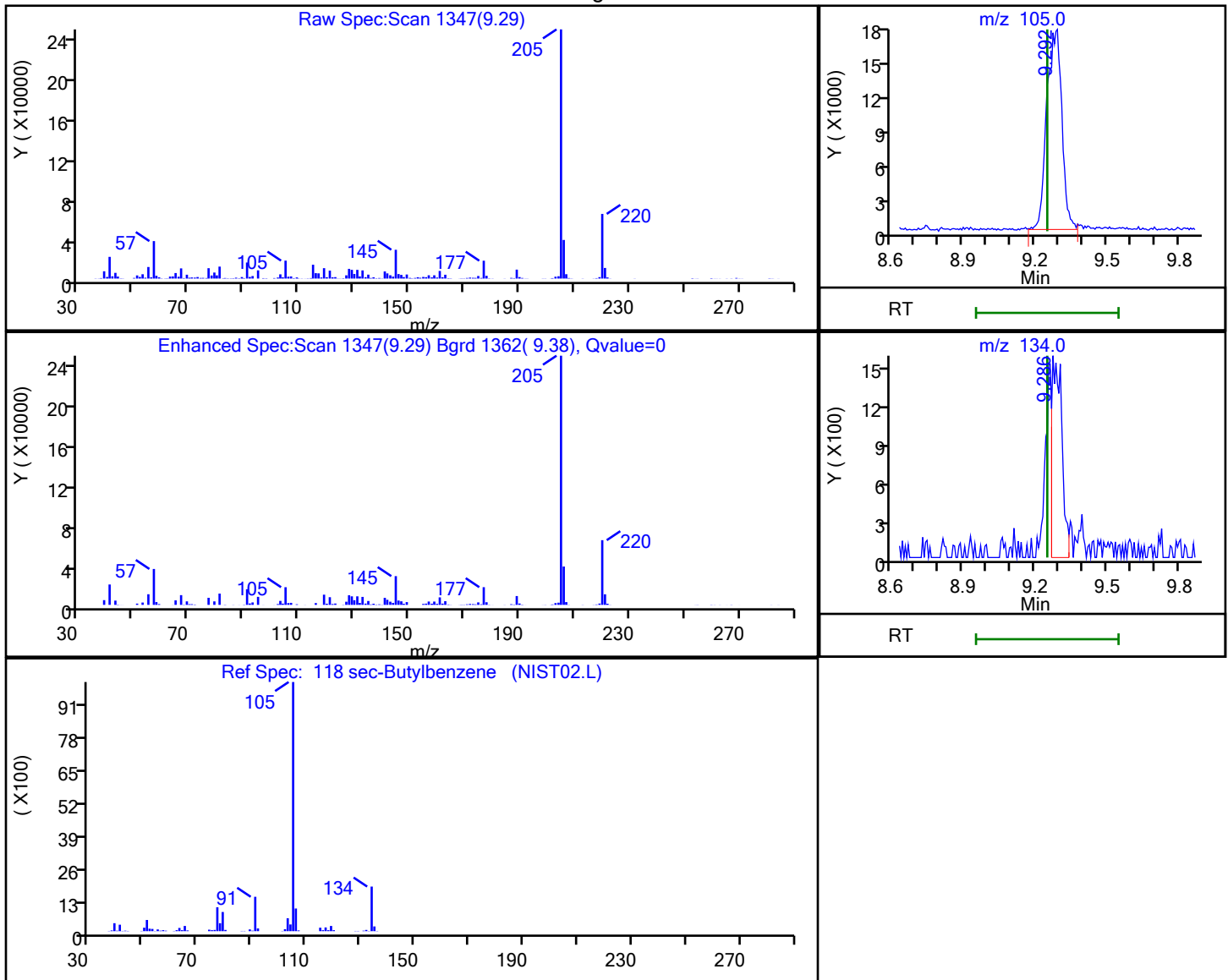
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
9.29	105.00	77363	4.787704
9.29	134.00	4521	

Reviewer: baronm, 23-Dec-2021 18:24:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

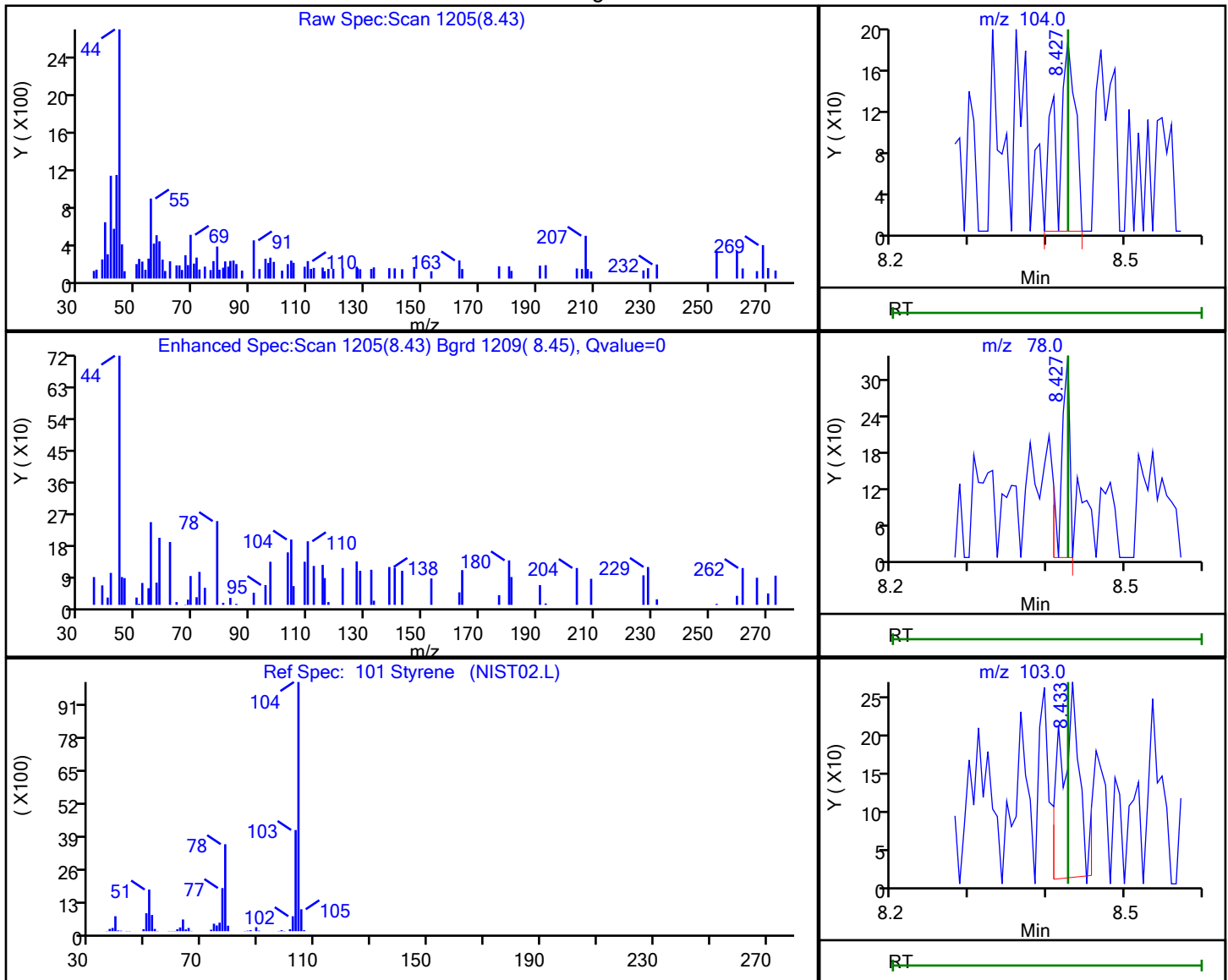
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.43	104.00	302	0.038294
8.43	78.00	254	
8.43	103.00	424	

Reviewer: baronm, 23-Dec-2021 18:24:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

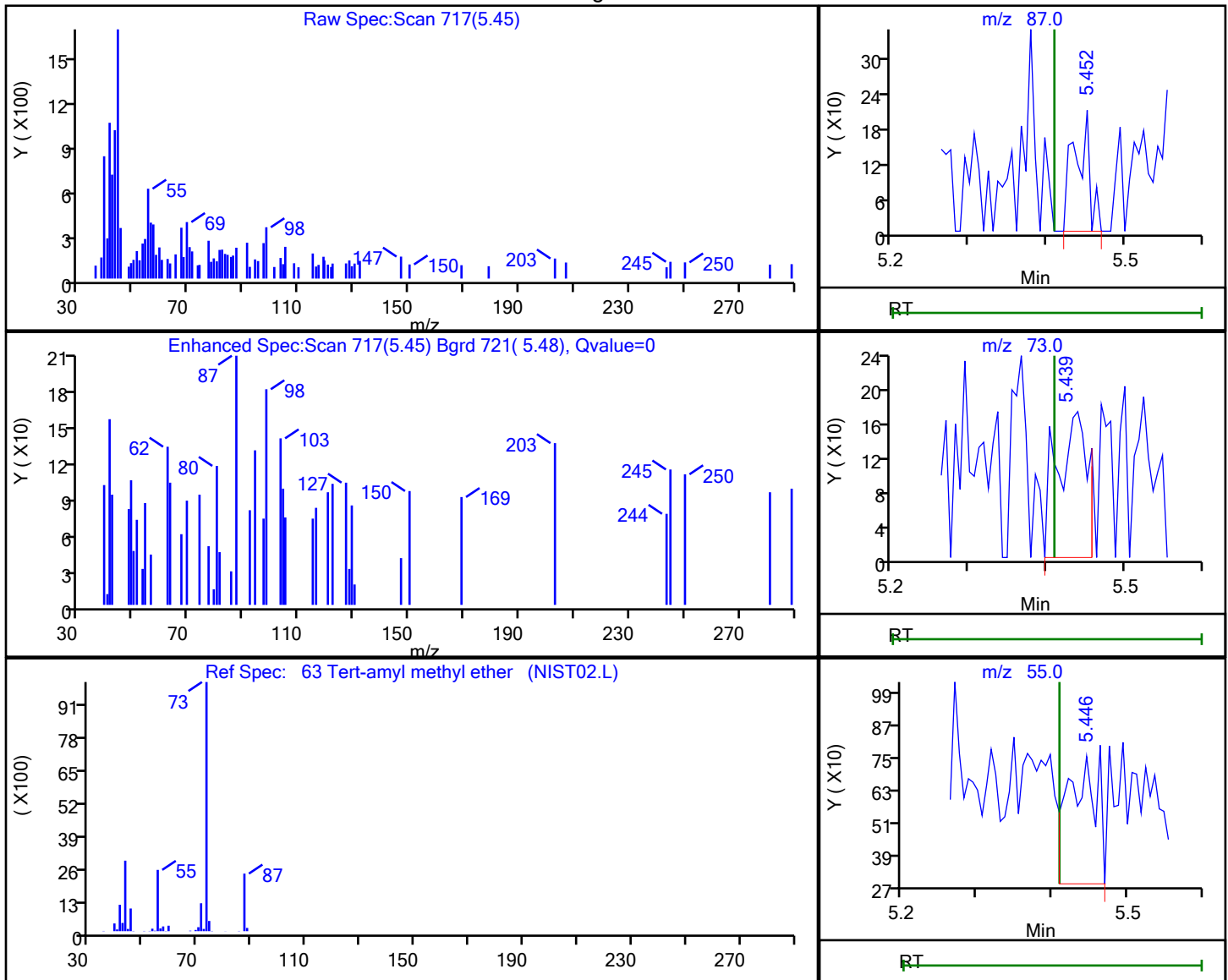
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
5.45	87.00	289	0.105891
5.44	73.00	451	
5.45	55.00	1268	

Reviewer: baronm, 23-Dec-2021 18:22:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

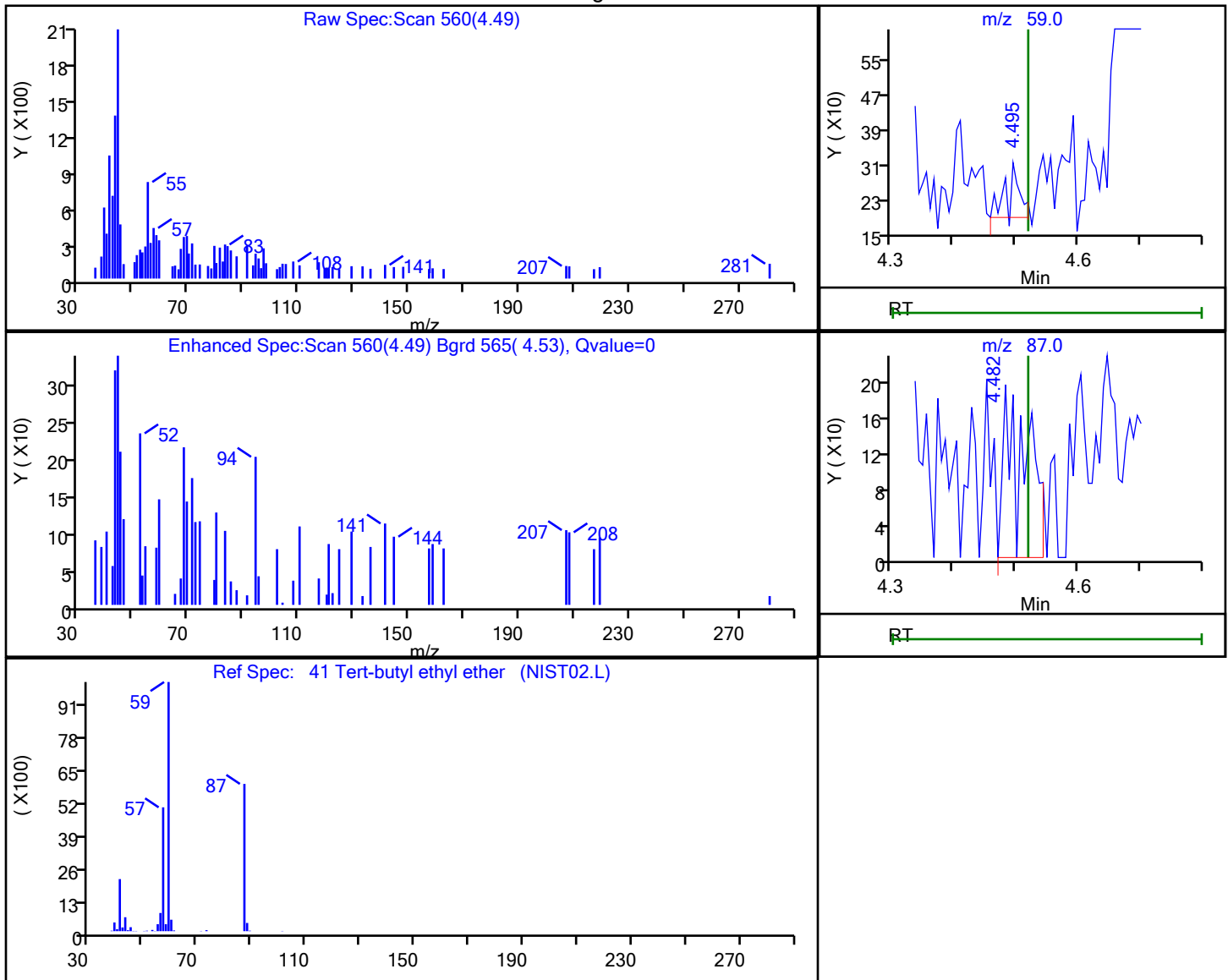
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
4.49	59.00	187	0.022431
4.48	87.00	491	

Reviewer: baronm, 23-Dec-2021 18:22:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

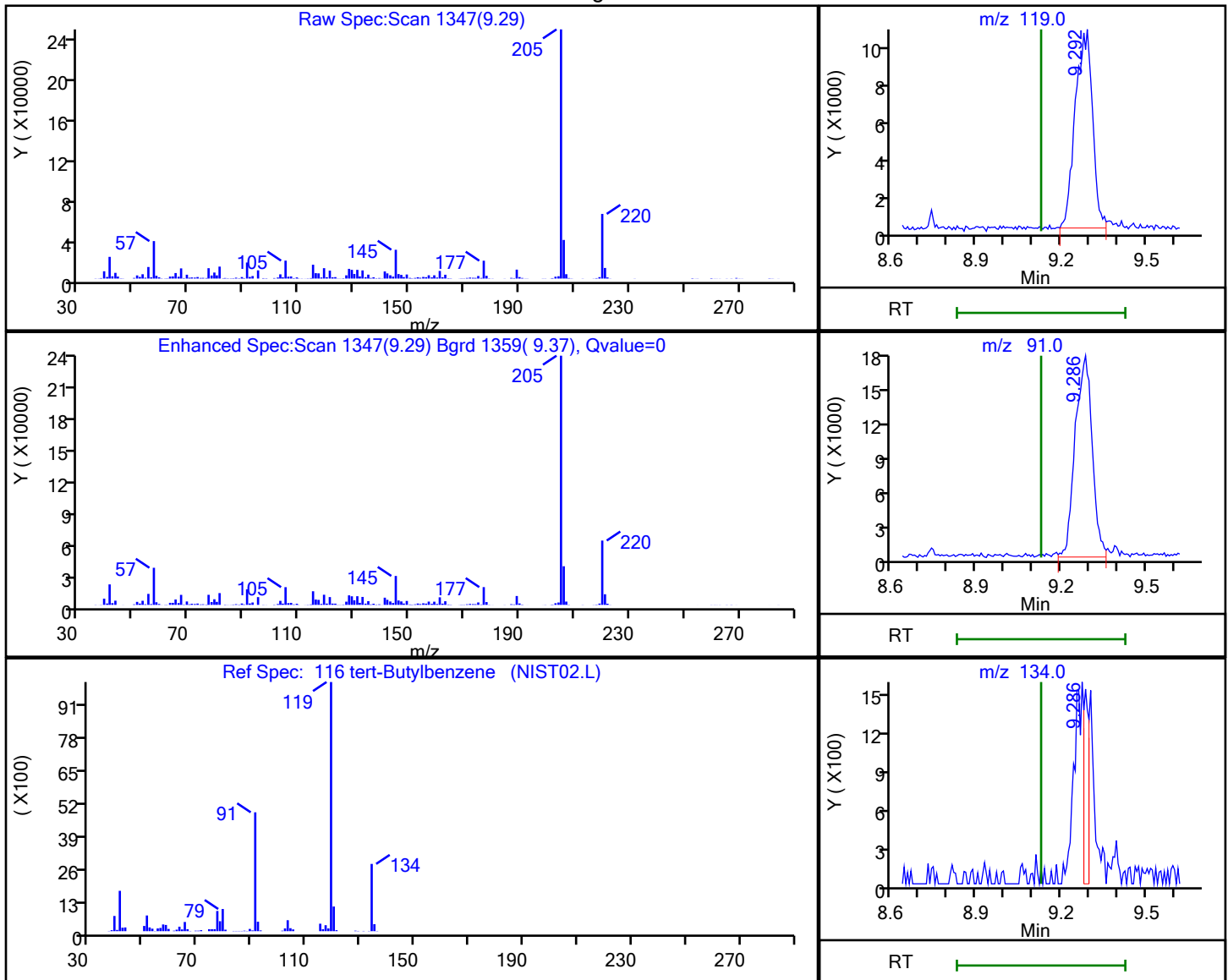
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.29	119.00	42756	4.497171
9.29	91.00	72240	
9.29	134.00	1983	

Reviewer: baronm, 23-Dec-2021 18:24:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

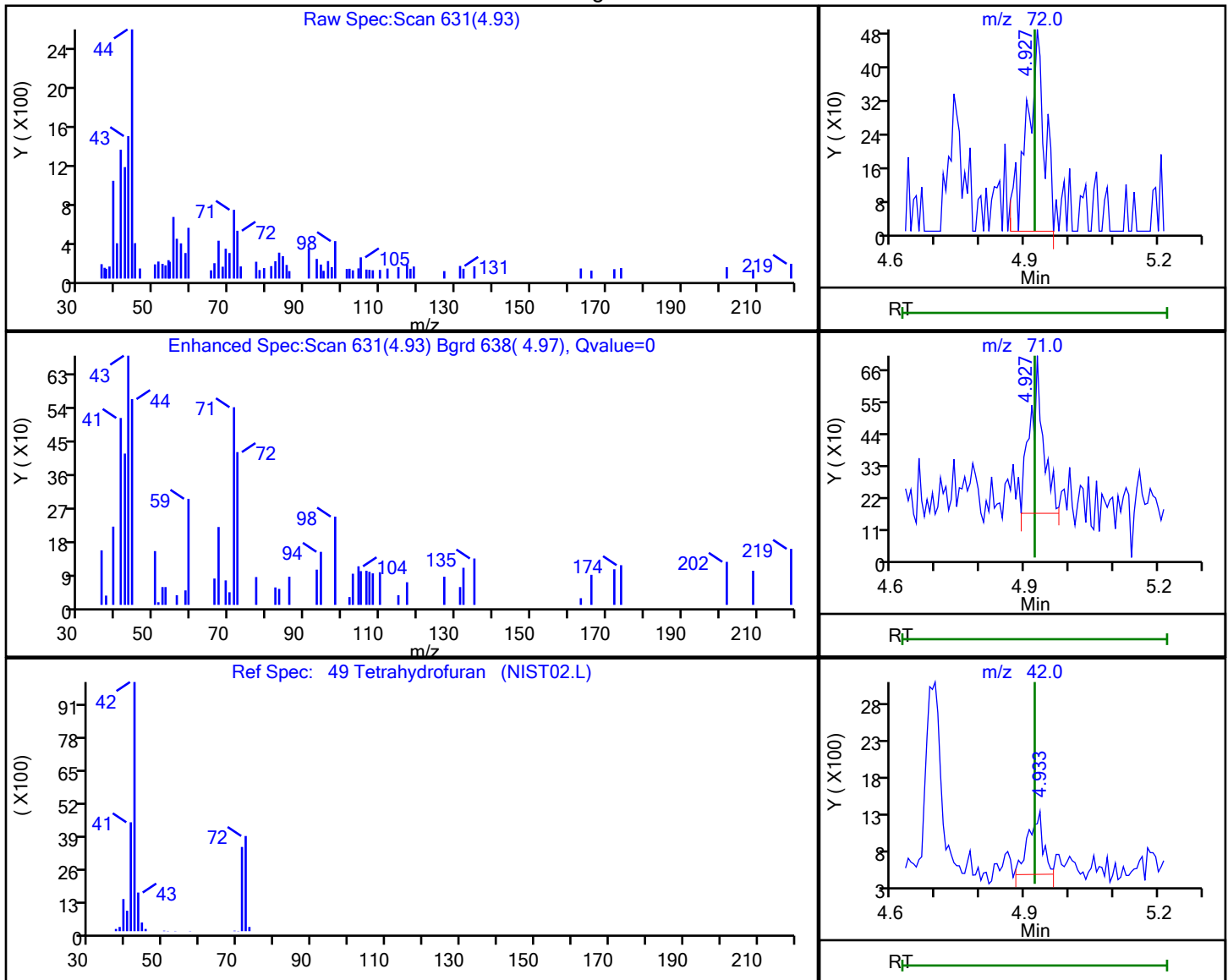
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.93	72.00	1338	3.322176
4.93	71.00	1124	
4.93	42.00	1941	

Reviewer: baronm, 23-Dec-2021 18:22:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

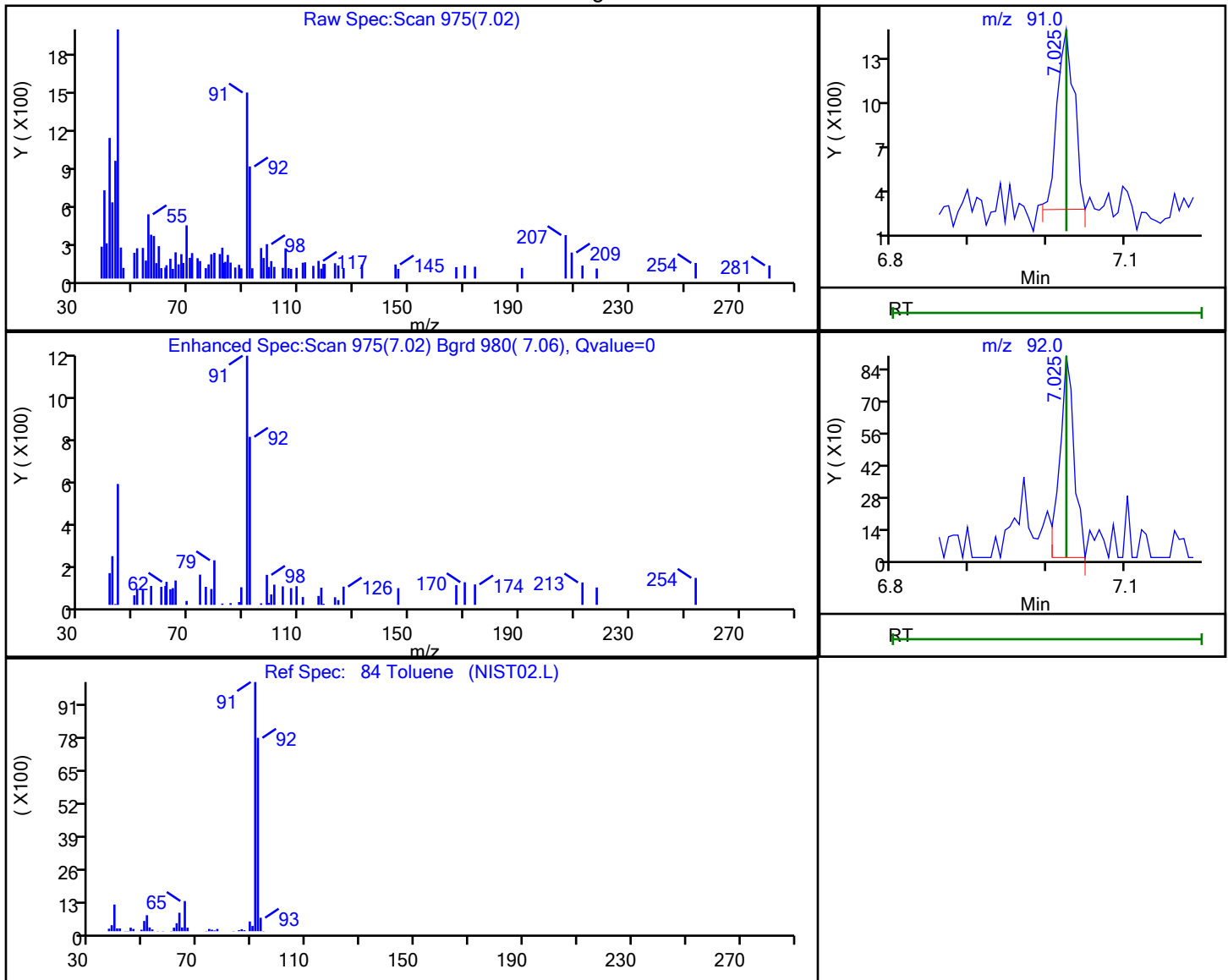
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.02	91.00	1870	0.167931
7.02	92.00	1133	

Reviewer: baronm, 23-Dec-2021 18:23:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

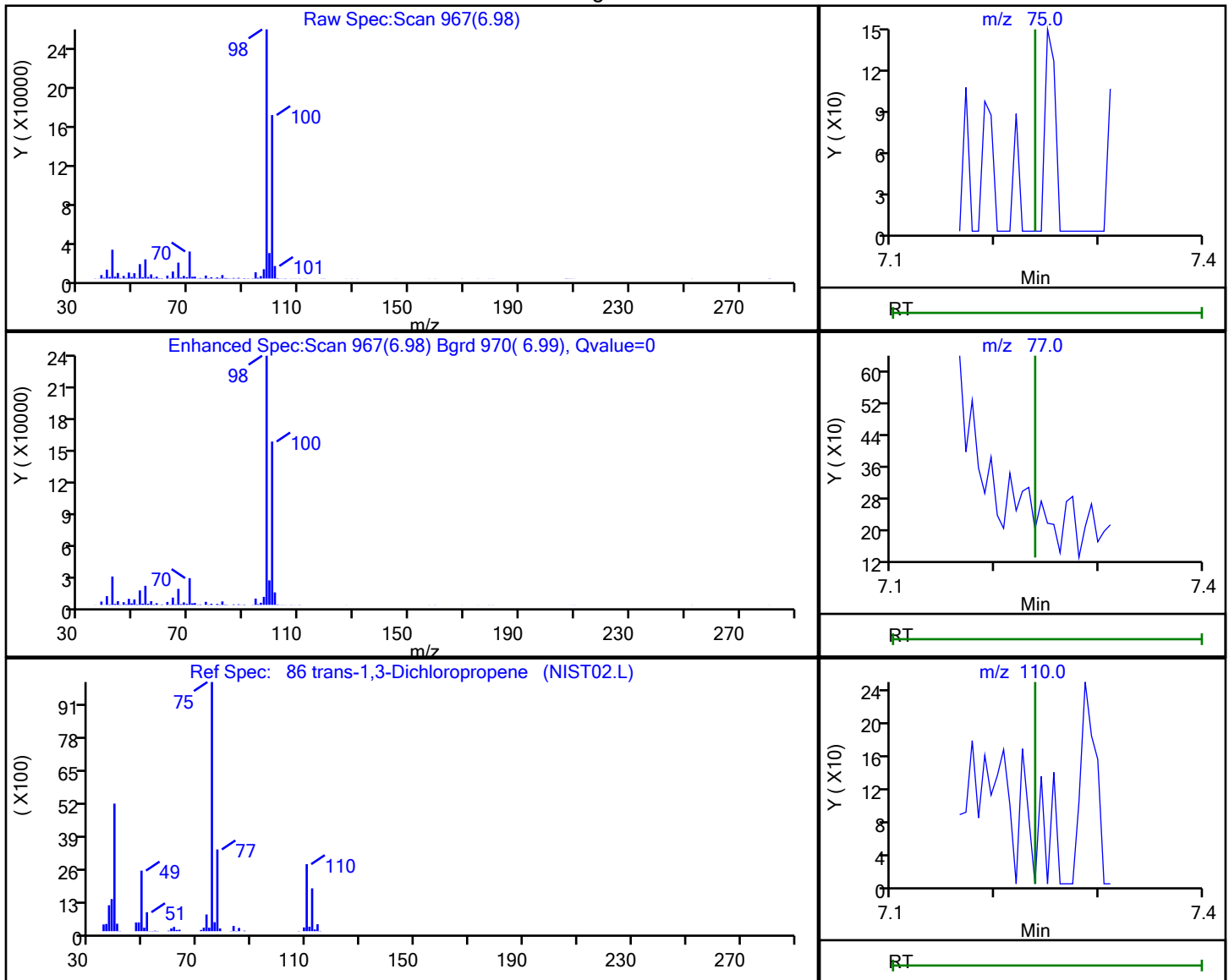
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.98	75.00	161	0.043343
6.97	77.00	704	
6.98	110.00	203	

Reviewer: baronm, 23-Dec-2021 18:23:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

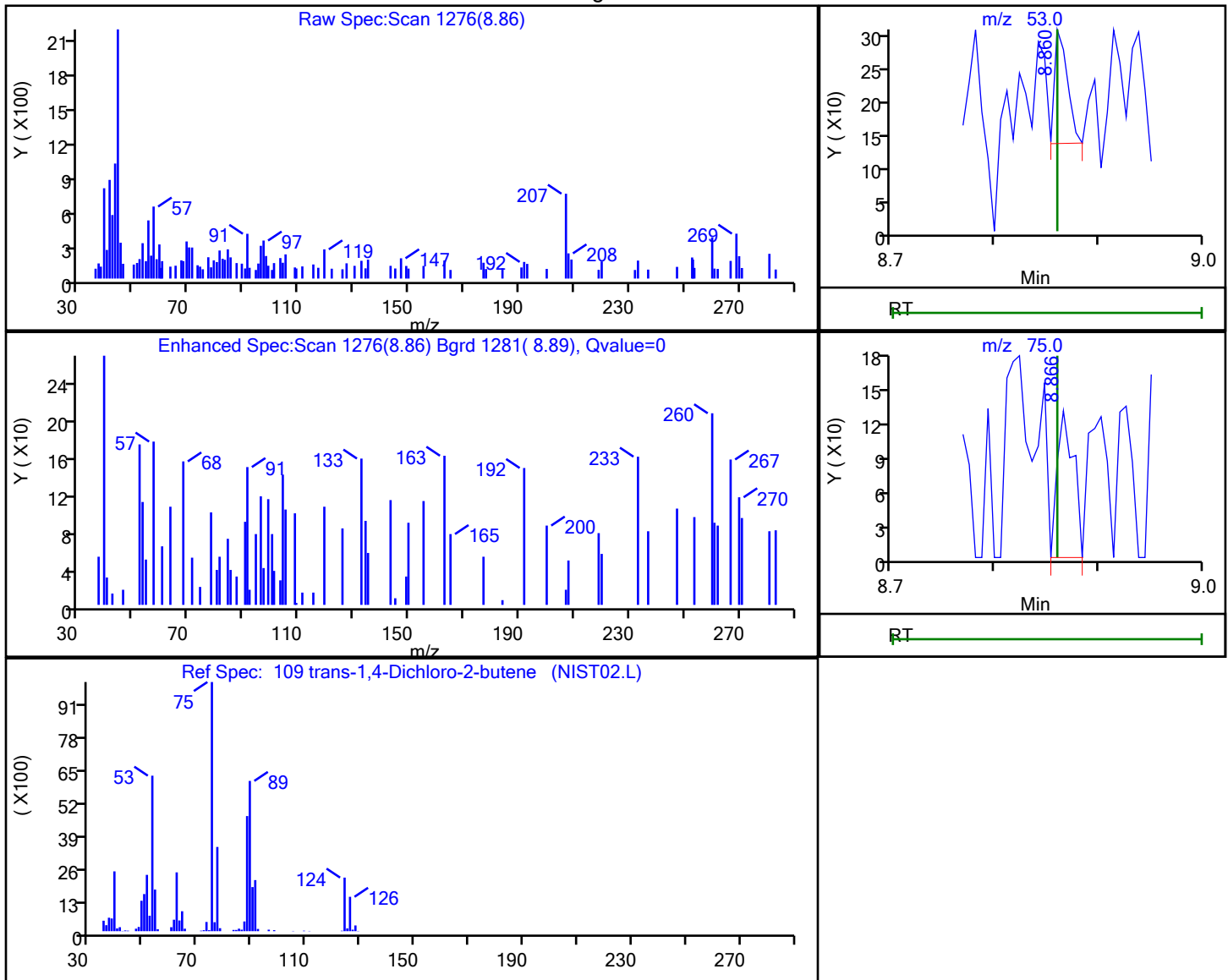
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
8.86	53.00	150	0.240920
8.87	75.00	138	

Reviewer: baronm, 23-Dec-2021 18:24:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

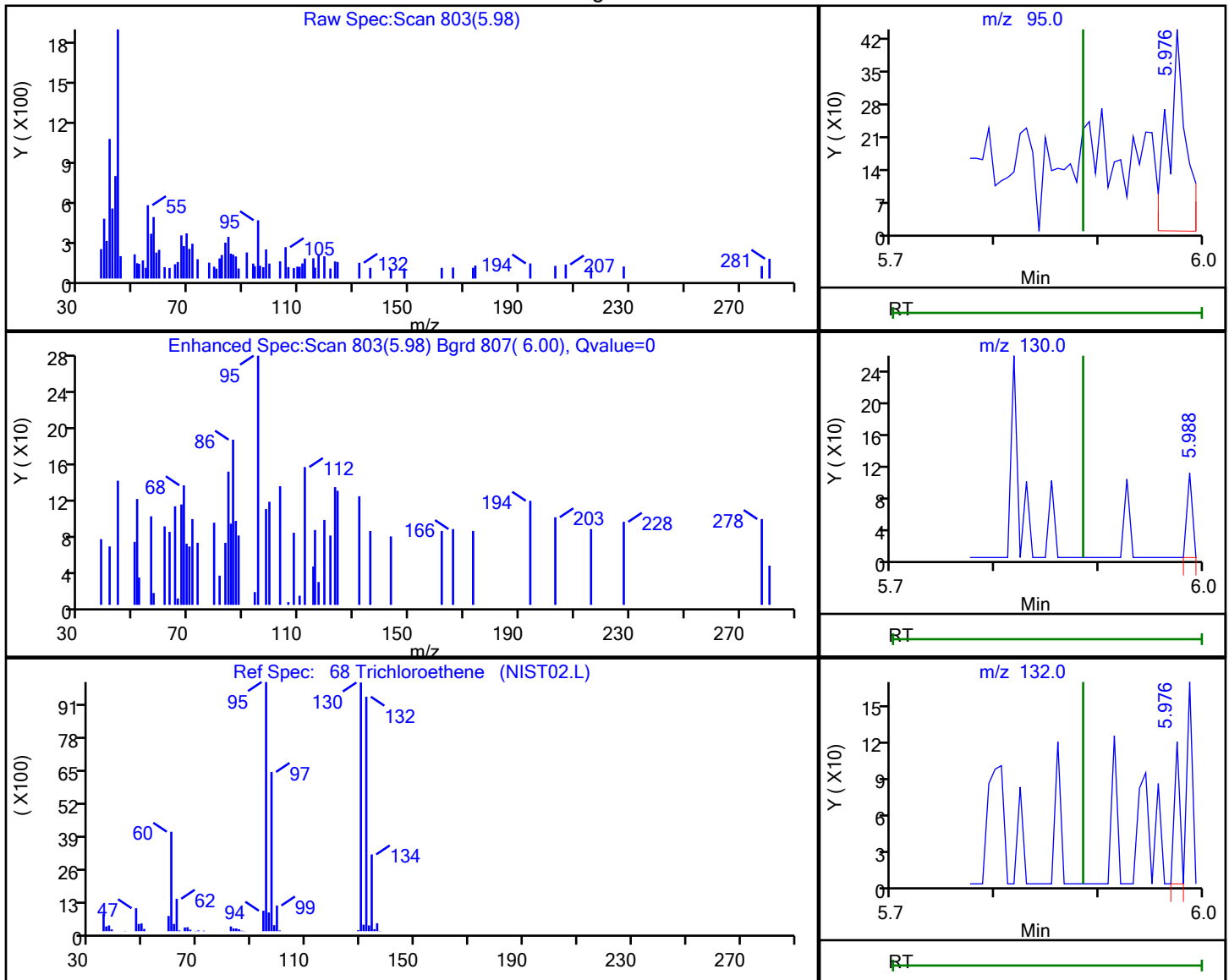
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
5.98	95.00	507	0.173280
5.99	130.00	40	
5.98	132.00	44	

Reviewer: baronm, 23-Dec-2021 18:22:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

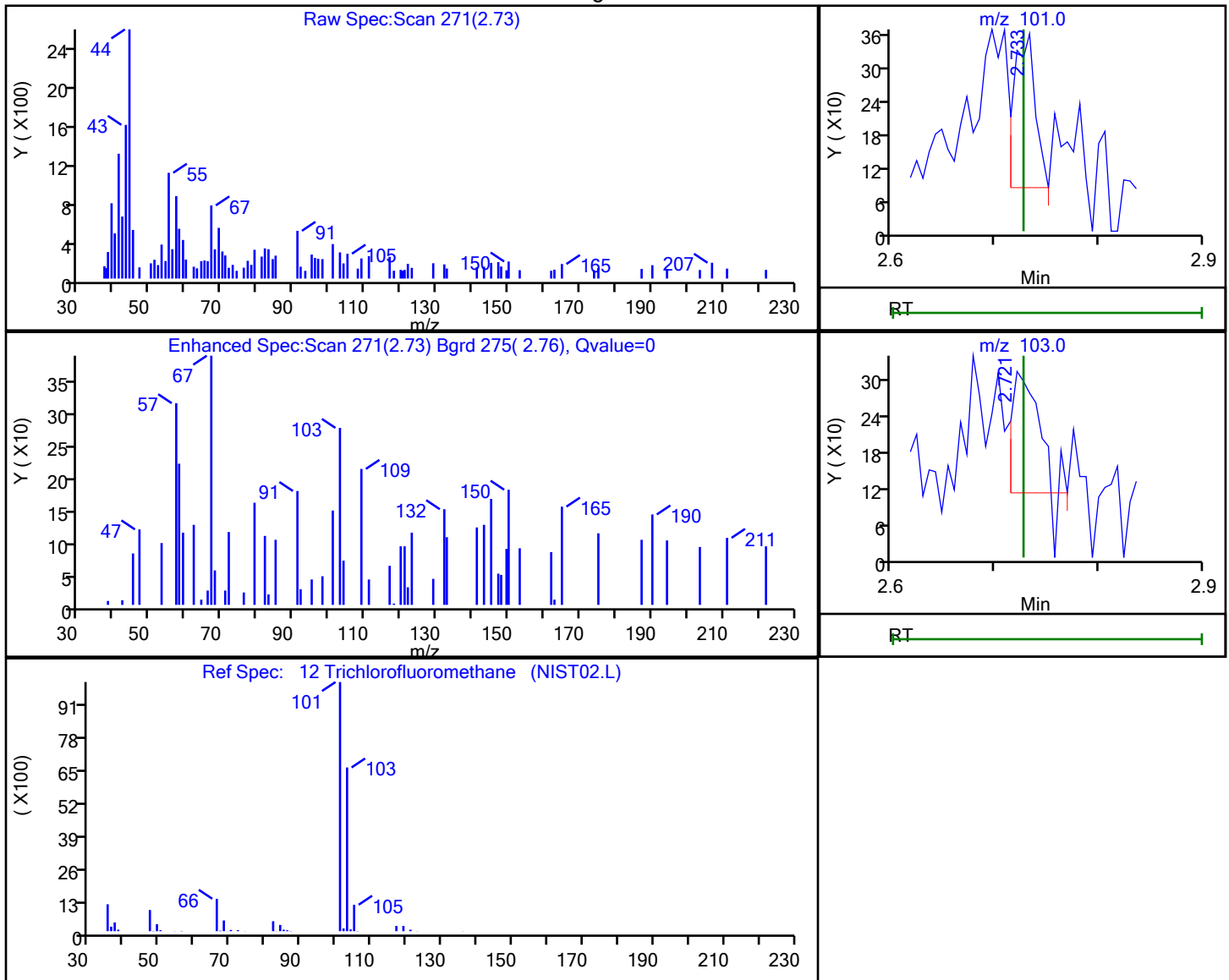
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.73	101.00	396	0.098859
2.72	103.00	347	

Reviewer: baronm, 23-Dec-2021 18:21:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

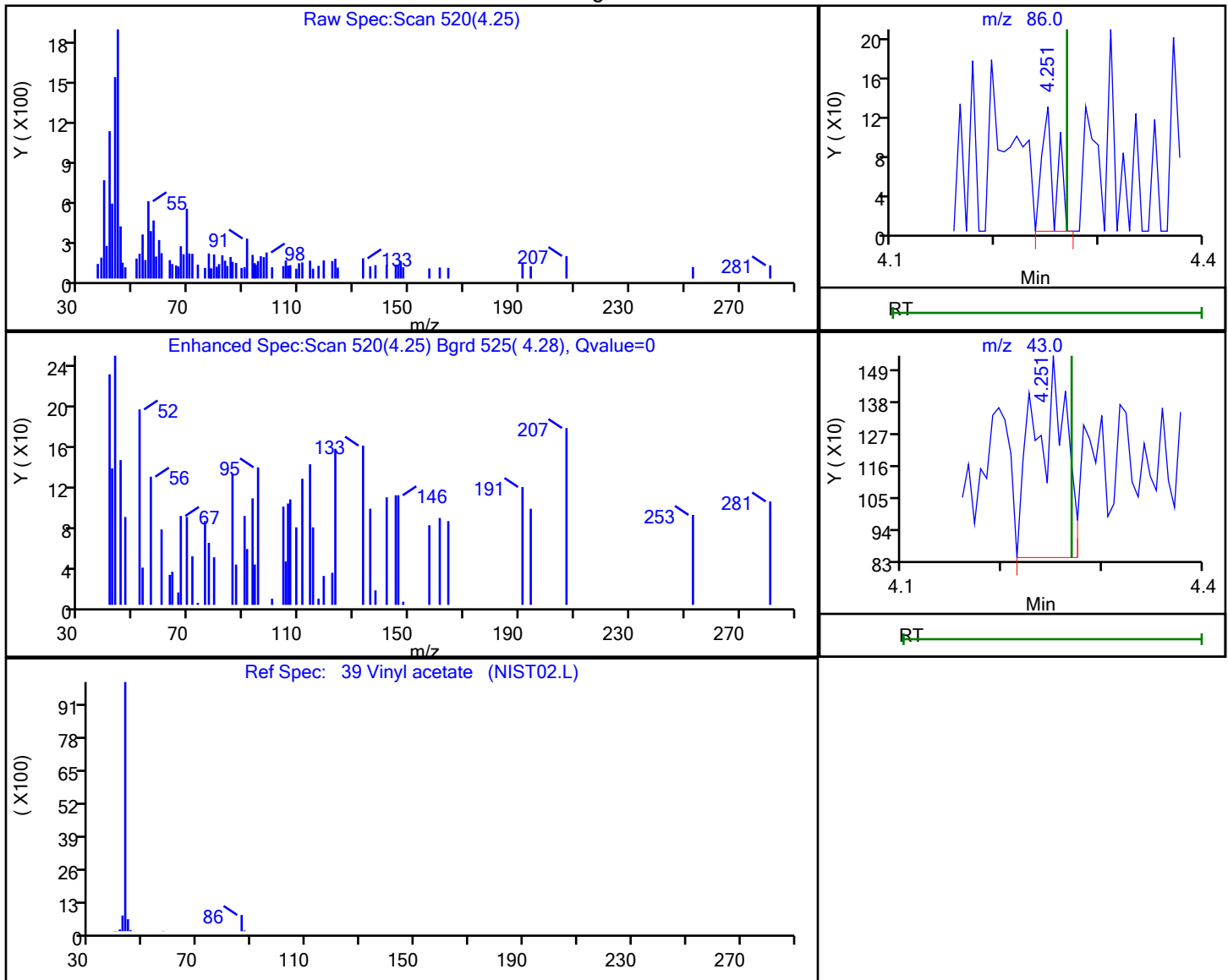
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
4.25	86.00	112	0.170851
4.25	43.00	1512	

Reviewer: baronm, 23-Dec-2021 18:22:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13129.D

Injection Date: 23-Dec-2021 16:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

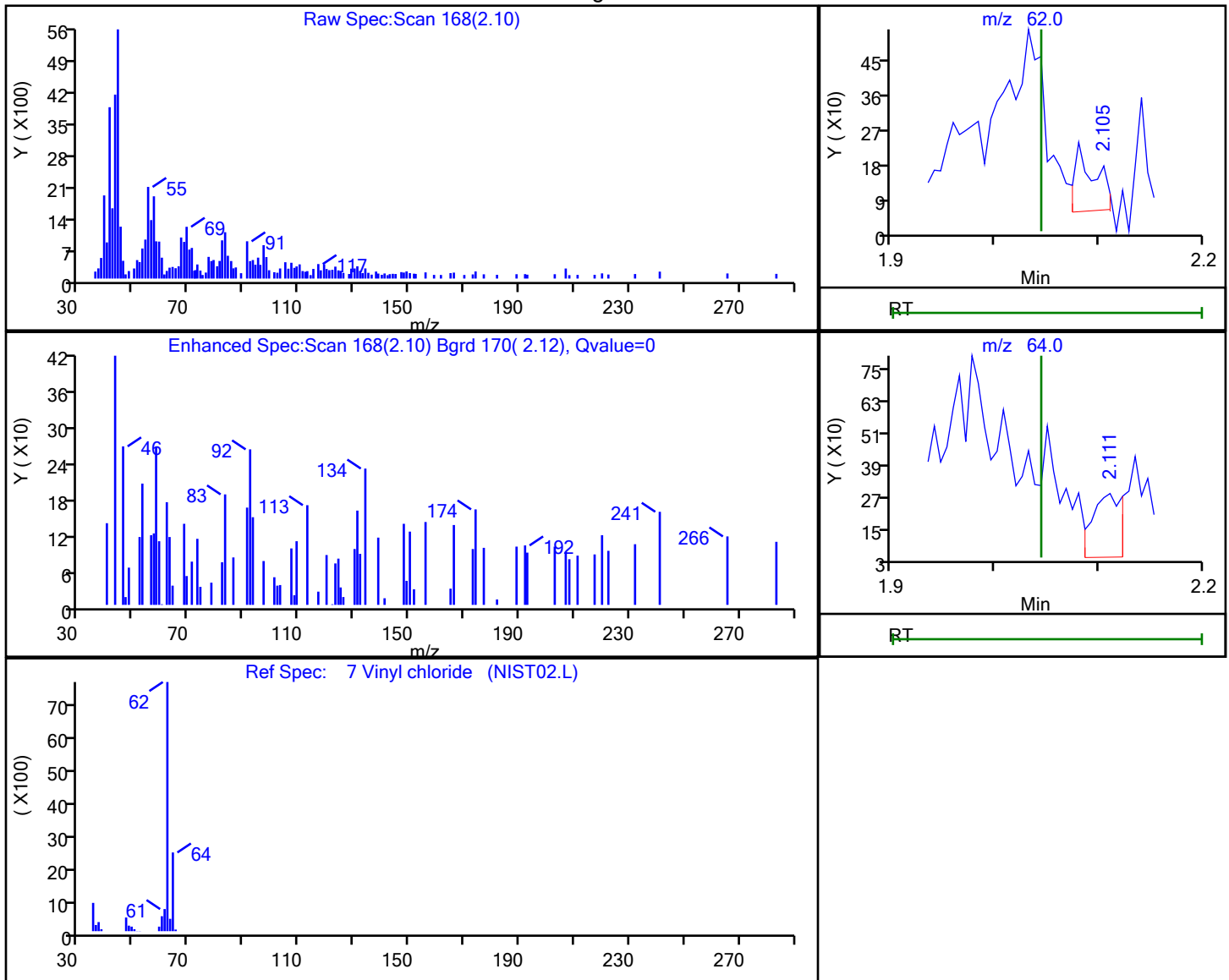
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
2.10	62.00	246	0.053801
2.11	64.00	486	

Reviewer: baronm, 23-Dec-2021 18:21:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 23-Dec-2021 16:27:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0139544-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 23-Dec-2021 19:34:53 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: baronm

Date: 23-Dec-2021 18:25:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.678	1.678	0.000	1	751	1.00	0.7538	Ma
4 Dichlorodifluoromethane	85	1.703	1.721	-0.018	77	4808	1.00	1.11	a
165 Chlorodifluoromethane	51	1.739	1.739	0.000	43	2965	1.00	1.00	Ma
6 Chloromethane	50	1.922	1.934	-0.012	78	4867	1.00	1.08	M
7 Vinyl chloride	62	2.044	2.044	0.000	76	5042	1.00	1.09	
172 Butadiene	39	2.038	2.050	-0.012	92	4742	1.00	0.9336	M
9 Bromomethane	94	2.404	2.410	-0.006	83	3416	1.00	0.9597	
10 Chloroethane	64	2.477	2.483	-0.006	84	3139	1.00	1.05	M
174 Dichlorofluoromethane	67	2.708	2.715	-0.007	96	6535	1.00	1.10	
12 Trichlorofluoromethane	101	2.715	2.727	-0.012	54	6402	1.00	1.16	
13 Pentane	72	2.739	2.745	-0.006	94	1331	2.00	2.31	M
14 Ethanol	46	2.946	2.946	0.000	20	760	40.0	45.7	Ma
15 Ethyl ether	59	2.977	2.977	0.000	80	2355	1.00	1.07	
16 2-Methyl-1,3-butadiene	53	3.001	3.001	0.000	87	2787	1.00	1.07	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.038	3.050	-0.012	69	2050	1.00	0.8130	Ma
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.117	3.111	0.006	43	4104	1.00	1.00	a
19 Acrolein	56	3.190	3.172	0.018	27	1537	4.06	5.17	M
20 1,1,2,2-TCTFE	101	3.190	3.190	0.000	68	3214	1.00	1.01	
21 1,1-Dichloroethene	96	3.214	3.214	0.000	94	3160	1.00	1.09	
22 Acetone	58	3.312	3.312	0.000	85	1760	5.00	6.65	
23 Iodomethane	142	3.379	3.385	-0.006	96	5253	1.00	1.01	
24 Isopropyl alcohol	45	3.403	3.403	0.000	46	1959	10.0	10.8	Ma
25 Carbon disulfide	76	3.416	3.416	0.000	99	10142	1.00	1.03	
161 3-Chloro-1-propene	76	3.556	3.562	-0.006	33	1876	1.00	1.06	
27 Methyl acetate	43	3.574	3.568	0.006	75	4245	2.00	2.17	M
166 Cyclopentene	67	3.574	3.580	-0.006	92	6877	1.00	1.02	
29 Acetonitrile	41	3.623	3.635	-0.012	39	2729	10.0	9.50	a
* 30 TBA-d9 (IS)	65	3.678	3.684	-0.006	34	253618	1000.0	1000.0	
31 Methylene Chloride	84	3.696	3.696	0.000	31	3050	1.00	1.00	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	8	2531	10.0	9.13	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.861	3.861	0.000	94	7858	1.00	1.01	
34 trans-1,2-Dichloroethene	96	3.879	3.885	-0.006	95	2640	1.00	0.9069	
35 Acrylonitrile	53	3.952	3.958	-0.006	98	9911	10.0	10.0	
36 Hexane	43	4.037	4.031	0.006	91	2605	1.00	1.02	
37 Isopropyl ether	45	4.233	4.233	0.000	94	9825	1.00	1.10	
38 1,1-Dichloroethane	63	4.263	4.269	-0.006	57	4706	1.00	0.9474	
39 Vinyl acetate	86	4.281	4.269	0.012	99	1262	2.00	1.94	
40 2-Chloro-1,3-butadiene	88	4.306	4.312	-0.006	93	2807	1.00	1.08	
41 Tert-butyl ethyl ether	59	4.519	4.519	0.000	89	8774	1.00	1.08	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	86	271918	250.0	250.0	
43 2,2-Dichloropropane	97	4.732	4.720	0.012	50	734	1.00	0.7656	Ma
44 cis-1,2-Dichloroethene	96	4.732	4.732	0.000	69	4033	1.00	1.21	
46 Ethyl acetate	70	4.757	4.739	0.018	88	657	2.00	2.16	Ma
45 2-Butanone (MEK)	72	4.739	4.739	0.000	95	2031	5.00	6.09	
47 Methyl acrylate	55	4.787	4.787	0.000	79	3436	1.00	1.40	
48 Propionitrile	54	4.854	4.854	0.000	94	4328	10.0	11.4	
49 Tetrahydrofuran	72	4.928	4.921	0.007	47	1566	2.00	4.35	
50 Chlorobromomethane	128	4.934	4.928	0.006	39	1741	1.00	1.05	
51 Methacrylonitrile	67	4.940	4.946	-0.006	90	11313	10.0	10.2	
52 Chloroform	83	4.958	4.964	-0.006	95	4779	1.00	0.9687	
53 Cyclohexane	56	5.086	5.086	0.000	32	5445	1.00	1.01	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.092	0.000	97	141065	50.0	49.8	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	36	4835	1.00	1.03	
56 Carbon tetrachloride	117	5.190	5.190	0.000	94	4291	1.00	1.06	
57 1,1-Dichloropropene	75	5.208	5.208	0.000	94	3991	1.00	1.04	
58 Isobutyl alcohol	43	5.281	5.275	0.006	32	3553	25.0	29.0	
59 Isooctane	57	5.336	5.336	0.000	94	10836	1.00	1.01	
60 Benzene	78	5.373	5.373	0.000	43	10814	1.00	1.04	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.379	0.000	44	160810	50.0	48.1	
62 Isopropyl acetate	61	5.379	5.385	-0.006	32	4359	1.00	4.31	
63 Tert-amyl methyl ether	87	5.403	5.409	-0.006	91	3080	1.00	1.18	
64 1,2-Dichloroethane	62	5.440	5.440	0.000	95	3810	1.00	1.04	
65 n-Heptane	71	5.470	5.470	0.000	98	2486	1.00	0.9794	
* 66 Fluorobenzene	96	5.592	5.598	-0.006	98	501914	50.0	50.0	
67 n-Butanol	56	5.793	5.799	-0.006	70	2000	25.0	26.5	
68 Trichloroethene	95	5.885	5.885	0.000	96	3196	1.00	1.10	
69 Ethyl acrylate	99	5.958	5.964	-0.006	1	481	1.00	1.00	
70 Methylcyclohexane	83	6.001	6.001	0.000	91	5975	1.00	1.07	
71 1,2-Dichloropropane	63	6.141	6.135	0.006	80	2576	1.00	0.9604	a
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	62	26632	1000.0	1000.0	
72 Methyl methacrylate	69	6.165	6.171	-0.006	66	2923	2.00	1.73	
74 n-Propyl acetate	43	6.202	6.208	-0.006	95	3790	1.00	1.04	
75 1,4-Dioxane	88	6.220	6.214	0.006	30	1575	50.0	53.1	
76 Dibromomethane	93	6.244	6.250	-0.006	88	2070	1.00	1.15	
77 Dichlorobromomethane	83	6.372	6.372	0.000	90	3316	1.00	0.9790	
78 2-Chloroethyl vinyl ether	63	6.641	6.641	0.000	76	1594	1.00	0.9795	
79 2-Nitropropane	41	6.653	6.653	0.000	84	2160	2.00	2.75	M
80 Epichlorohydrin	57	6.732	6.738	-0.006	95	4566	20.0	18.2	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	92	4078	1.00	1.00	
82 4-Methyl-2-pentanone (MIBK)	43	6.891	6.891	0.000	98	13160	5.00	5.27	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	99	503215	50.0	51.0	
84 Toluene	91	7.025	7.025	0.000	94	12037	1.00	1.11	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.238	7.238	0.000	70	3447	1.00	1.03	
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	88	3681	1.00	0.9828	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	86	2077	1.00	1.10	
88 Tetrachloroethene	166	7.421	7.421	0.000	96	3029	1.00	1.04	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	88	3758	1.00	1.02	
90 2-Hexanone	58	7.531	7.525	0.006	96	4406	5.00	5.15	
91 n-Butyl acetate	73	7.573	7.573	0.000	96	892	1.00	1.30	
92 Chlorodibromomethane	129	7.653	7.653	0.000	97	2541	1.00	1.03	
93 Ethylene Dibromide	107	7.750	7.750	0.000	98	2296	1.00	0.9898	
* 94 Chlorobenzene-d5	117	8.031	8.031	0.000	86	358106	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	95	7077	1.00	1.01	
96 Ethylbenzene	106	8.085	8.085	0.000	97	4190	1.00	1.02	
97 1,1,1,2-Tetrachloroethane	131	8.098	8.098	0.000	90	2846	1.00	0.9878	
98 m-Xylene & p-Xylene	106	8.159	8.159	0.000	96	5011	1.00	1.02	
99 n-Butyl acrylate	73	8.360	8.360	0.000	97	1887	1.00	1.05	
100 o-Xylene	106	8.415	8.409	0.006	93	4935	1.00	0.9782	
101 Styrene	104	8.427	8.427	0.000	93	7520	1.00	0.9586	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	86	5368	1.00	1.16	
103 Bromoform	173	8.567	8.567	0.000	96	1645	1.00	0.9738	
104 Isopropylbenzene	105	8.616	8.616	0.000	96	12904	1.00	1.03	
\$ 105 4-Bromofluorobenzene	174	8.738	8.744	-0.006	91	165106	50.0	49.9	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.823	0.000	61	3103	1.00	0.99	
107 Bromobenzene	156	8.835	8.829	0.006	89	3464	1.00	1.04	
108 N-Propylbenzene	91	8.848	8.848	0.000	99	14569	1.00	1.01	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.860	0.000	63	428	1.00	0.6080	
110 1,2,3-Trichloropropane	110	8.866	8.866	0.000	91	1052	1.00	1.08	
169 4-Ethyltoluene	105	8.908	8.909	0.000	0	12165	1.00	1.00	
112 2-Chlorotoluene	91	8.921	8.927	-0.006	97	10116	1.00	0.9086	
113 1,3,5-Trimethylbenzene	105	8.945	8.945	0.000	92	10845	1.00	0.9814	
114 Butyl Methacrylate	87	8.969	8.969	0.000	89	3857	1.00	1.01	
115 4-Chlorotoluene	91	8.988	8.988	0.000	97	9067	1.00	1.04	
116 tert-Butylbenzene	119	9.128	9.128	0.000	95	8844	1.00	0.9443	
117 1,2,4-Trimethylbenzene	105	9.158	9.158	0.000	96	10733	1.00	0.9744	
118 sec-Butylbenzene	134	9.250	9.250	0.000	99	4831	1.00	1.35	
119 4-Isopropyltoluene	119	9.323	9.329	-0.006	97	13957	1.00	1.09	
120 1,3-Dichlorobenzene	146	9.354	9.360	-0.006	95	6552	1.00	1.03	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.396	0.000	96	214373	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.414	9.415	0.000	72	6779	1.00	1.02	a
123 1,2,3-Trimethylbenzene	105	9.414	9.415	0.000	95	11652	1.00	0.9666	a
124 Benzyl chloride	91	9.494	9.494	0.000	97	5492	1.00	0.9493	
162 2,3-Dihydroindene	117	9.549	9.549	0.000	40	12191	1.00	0.9853	
164 p-Diethylbenzene	119	9.555	9.555	0.000	92	6921	1.00	0.9303	
127 n-Butylbenzene	92	9.573	9.573	0.000	97	6473	1.00	0.9598	
128 1,2-Dichlorobenzene	146	9.646	9.652	-0.006	95	6236	1.00	0.9803	
163 1,2,4,5-Tetramethylbenzene	119	10.067	10.073	-0.006	0	11634	1.00	0.9513	
130 1,2-Dibromo-3-Chloropropane	157	10.183	10.183	0.000	78	841	1.00	1.06	
131 1,3,5-Trichlorobenzene	180	10.286	10.286	0.000	95	5340	1.00	0.9445	
132 1,2,4-Trichlorobenzene	180	10.811	10.811	0.000	94	4669	1.00	0.9027	
133 Hexachlorobutadiene	225	10.890	10.884	0.006	93	2487	1.00	0.9398	
134 Naphthalene	128	11.061	11.061	-0.001	98	10773	1.00	0.9669	
135 1,2,3-Trichlorobenzene	180	11.280	11.286	-0.006	93	4383	1.00	0.9436	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		2.00	1.99	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00134	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00148	Amount Added: 10.00	Units: uL	
GASES Li_00455	Amount Added: 10.00	Units: uL	
524freon_00046	Amount Added: 10.00	Units: uL	
14DIOXINTER_00136	Amount Added: 30.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

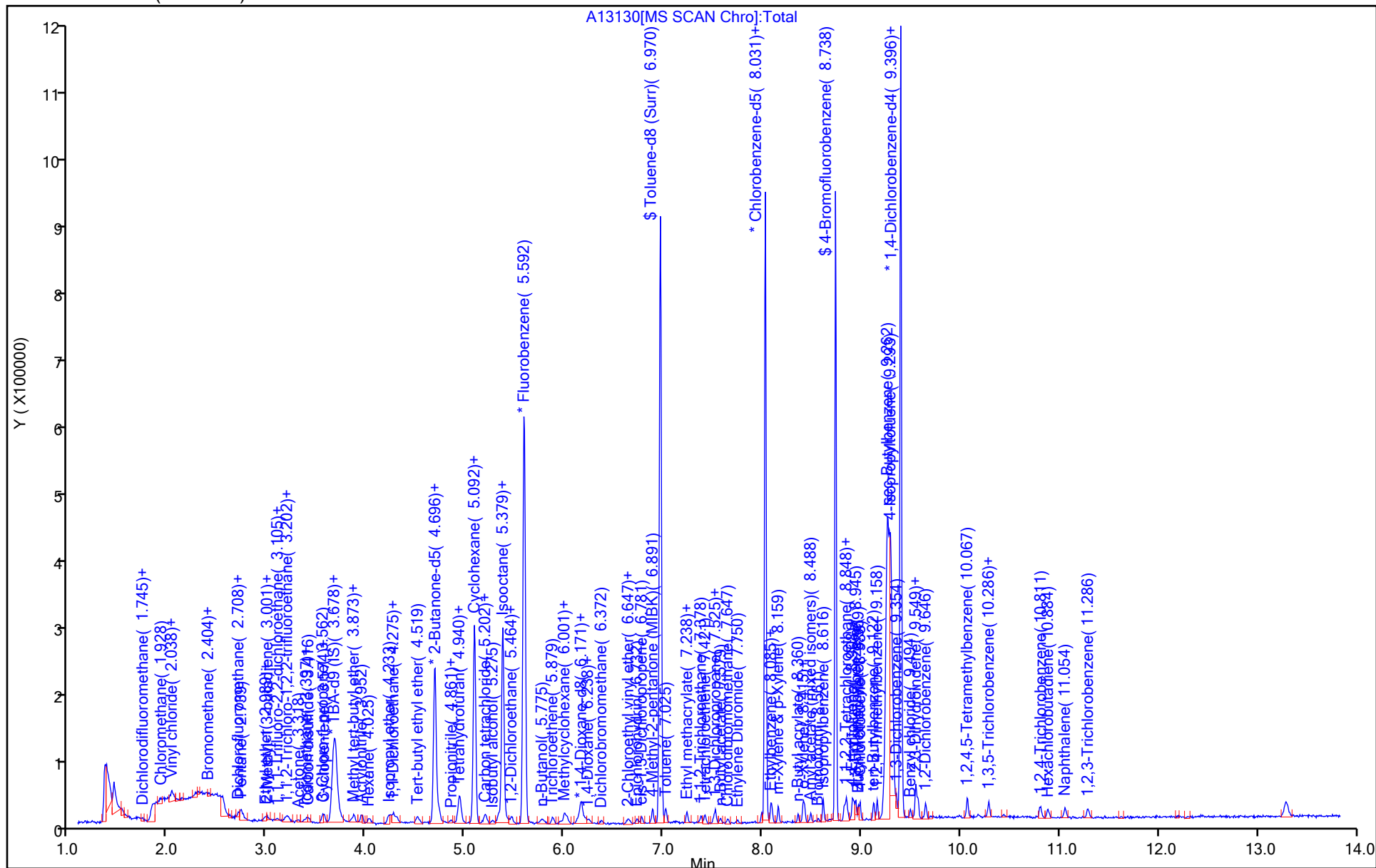
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

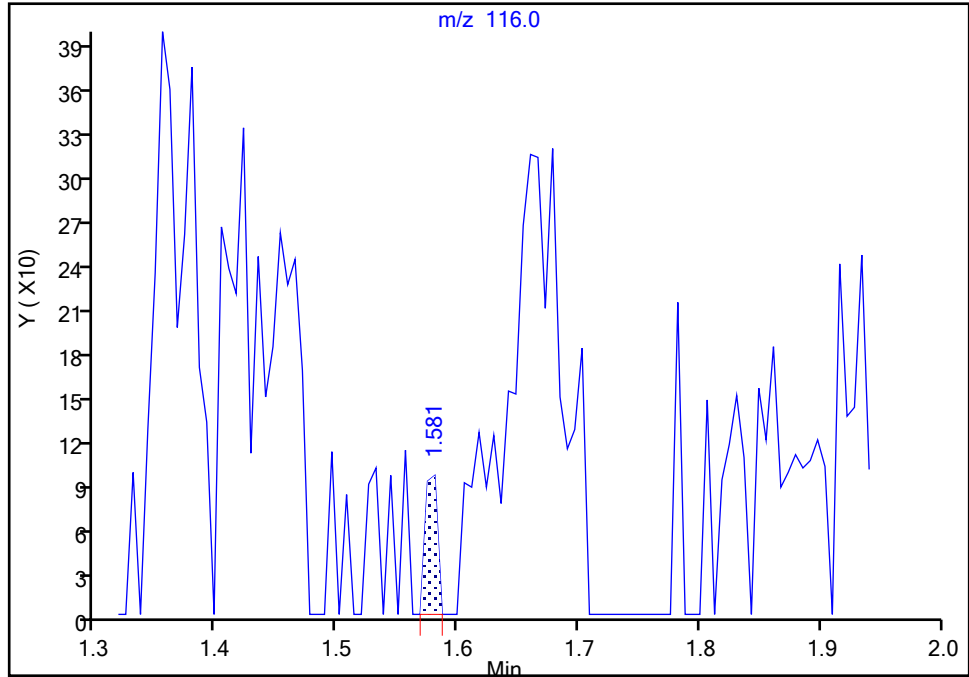
MS SCAN

170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

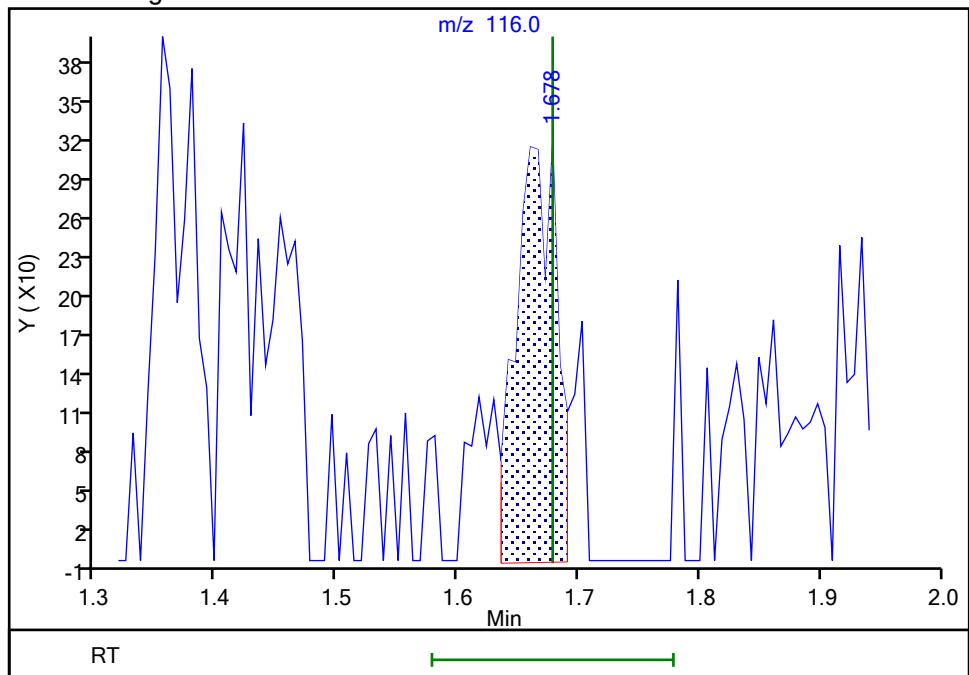
RT: 1.58
Area: 67
Amount: 1.052114
Amount Units: ug/l

Processing Integration Results



RT: 1.68
Area: 751
Amount: 0.753802
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:54:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

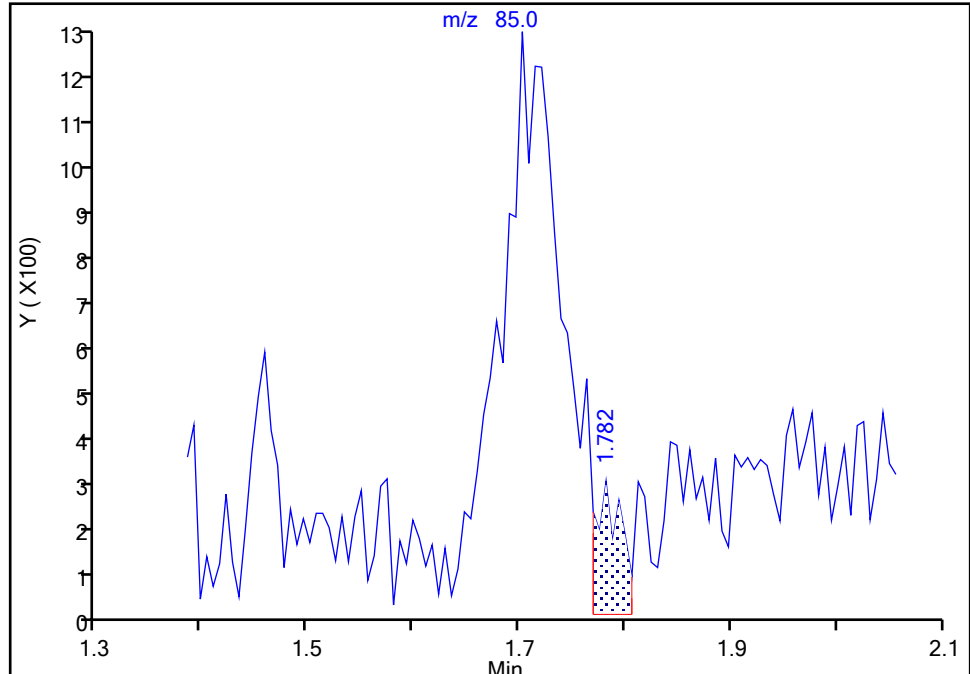
MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

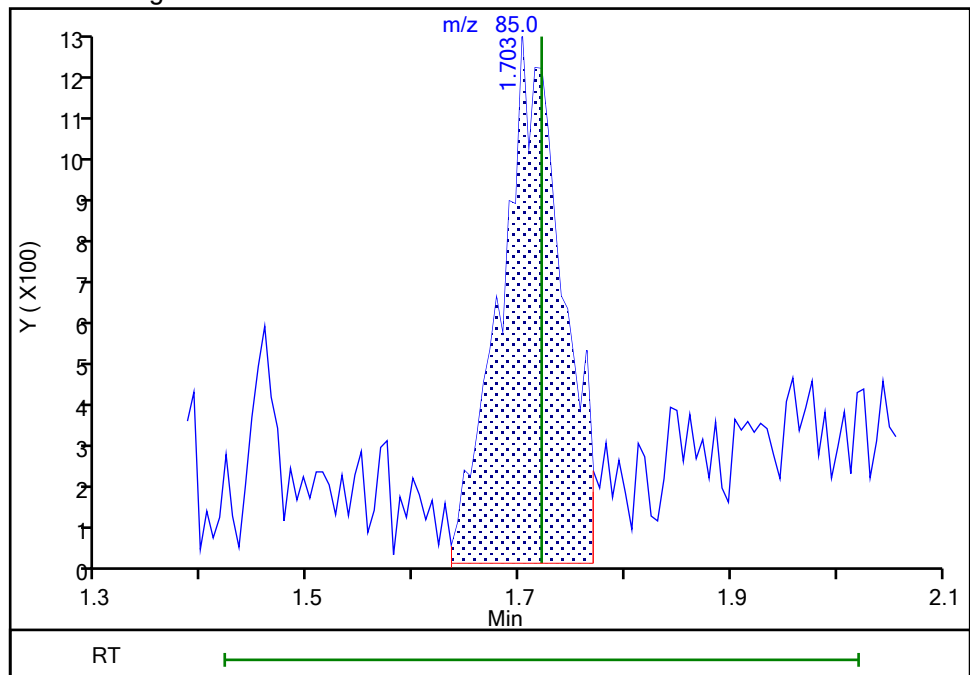
RT: 1.78
Area: 461
Amount: 0.098959
Amount Units: ug/l

Processing Integration Results



RT: 1.70
Area: 4808
Amount: 1.105642
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:54:44

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

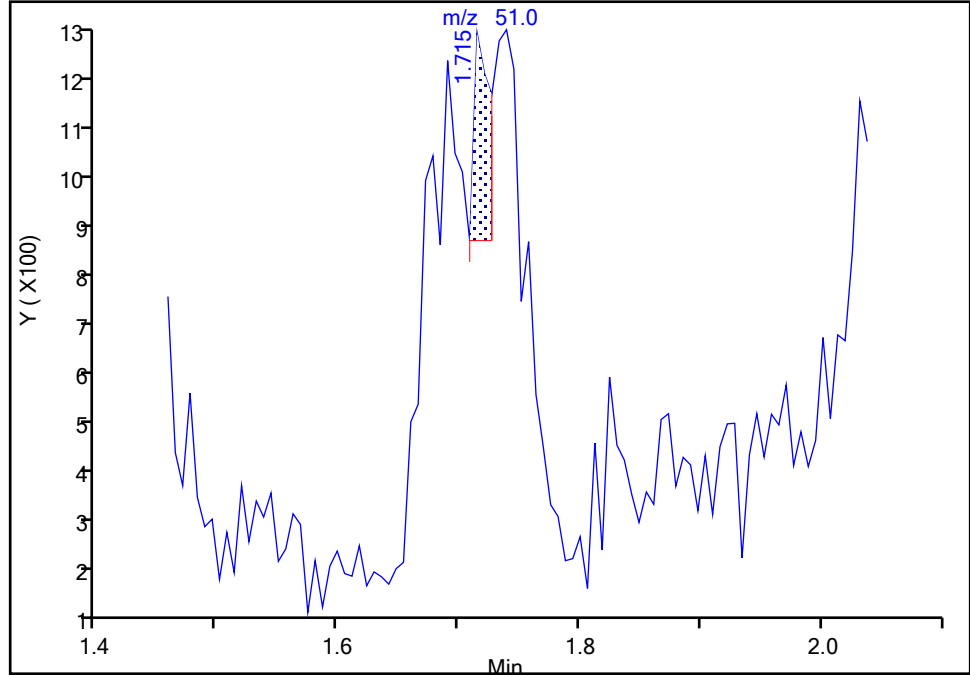
MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

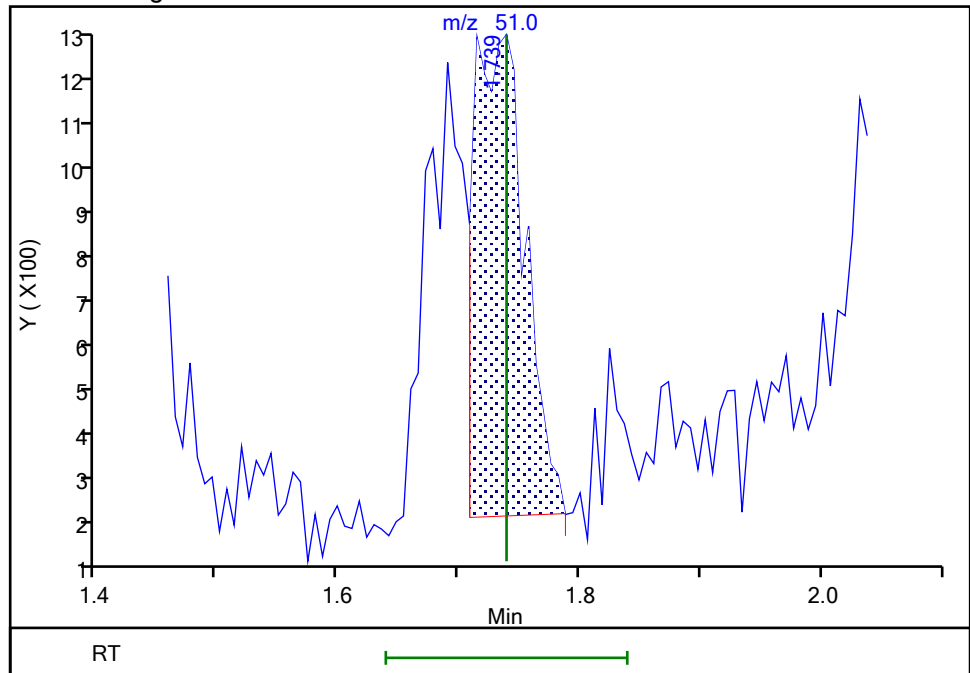
RT: 1.71
Area: 358
Amount: 0.126912
Amount Units: ug/l

Processing Integration Results



RT: 1.74
Area: 2965
Amount: 0.997979
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:21:19

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

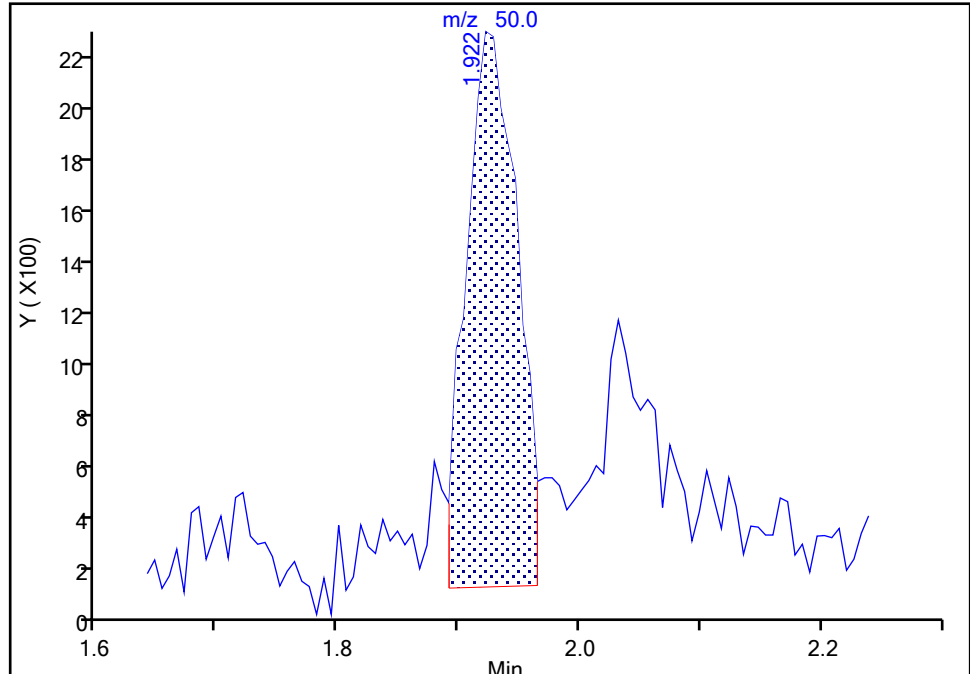
MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

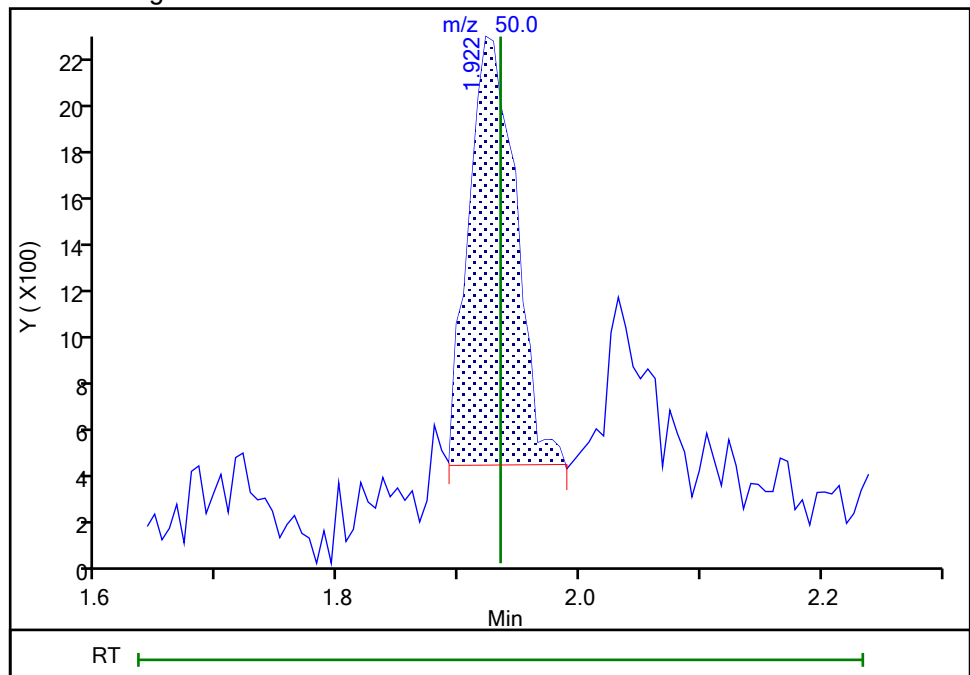
RT: 1.92
Area: 6236
Amount: 1.318693
Amount Units: ug/l

Processing Integration Results



RT: 1.92
Area: 4867
Amount: 1.081612
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:55:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

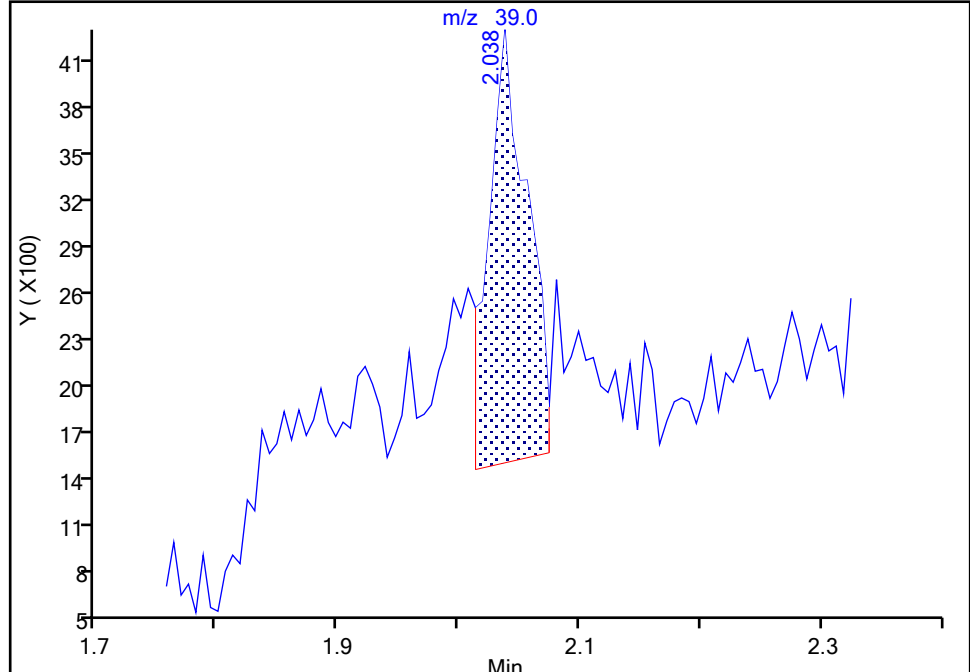
MS SCAN

172 Butadiene, CAS: 106-99-0

Signal: 1

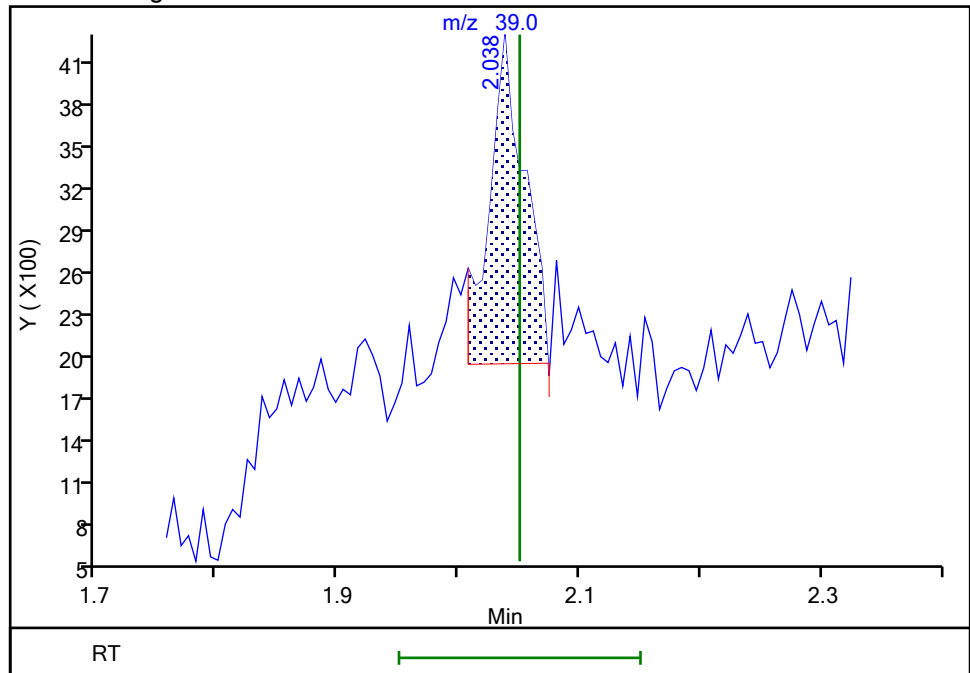
RT: 2.04
Area: 6218
Amount: 1.167436
Amount Units: ug/l

Processing Integration Results



RT: 2.04
Area: 4742
Amount: 0.933642
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:55:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

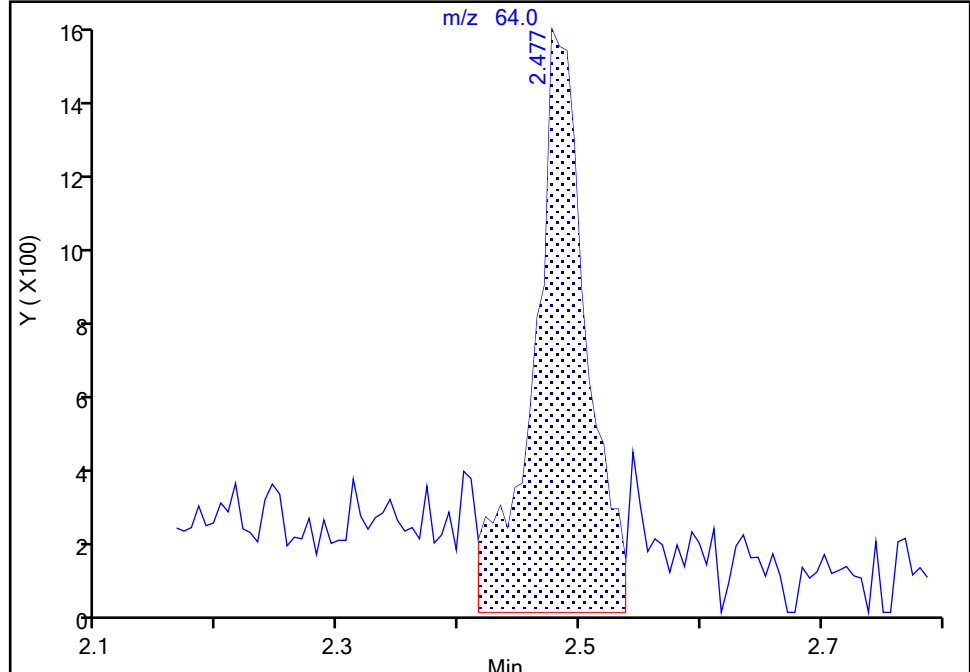
MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

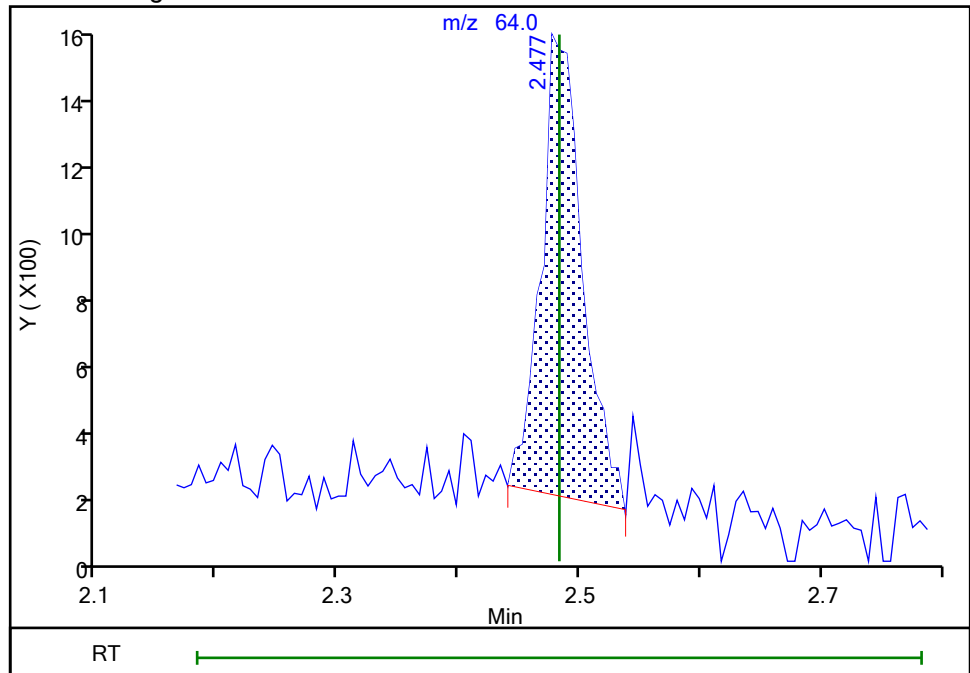
RT: 2.48
Area: 4621
Amount: 1.620174
Amount Units: ug/l

Processing Integration Results



RT: 2.48
Area: 3139
Amount: 1.054458
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:55:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

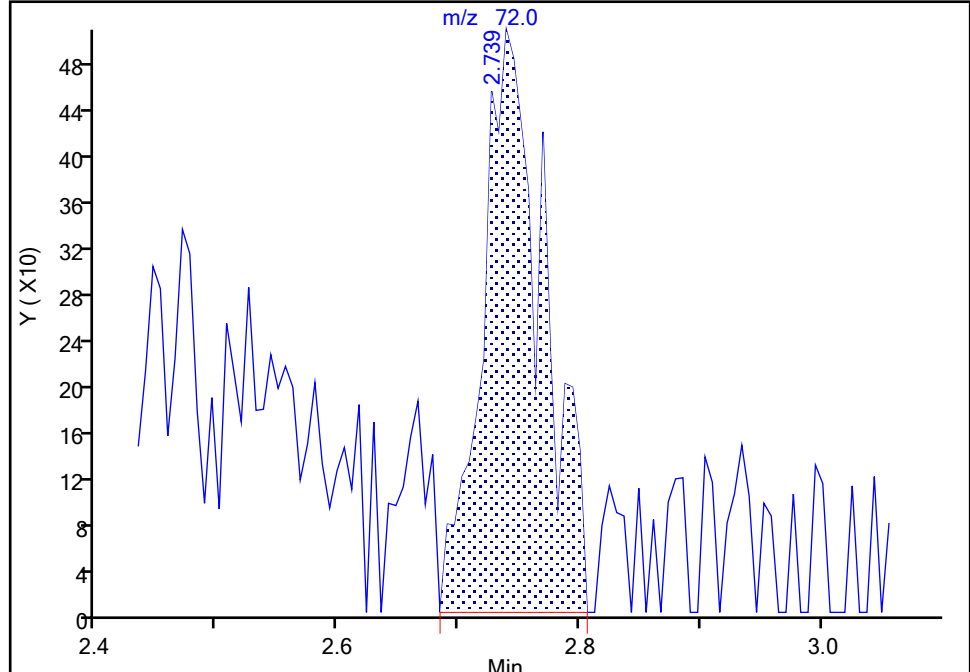
MS SCAN

13 Pentane, CAS: 109-66-0

Signal: 1

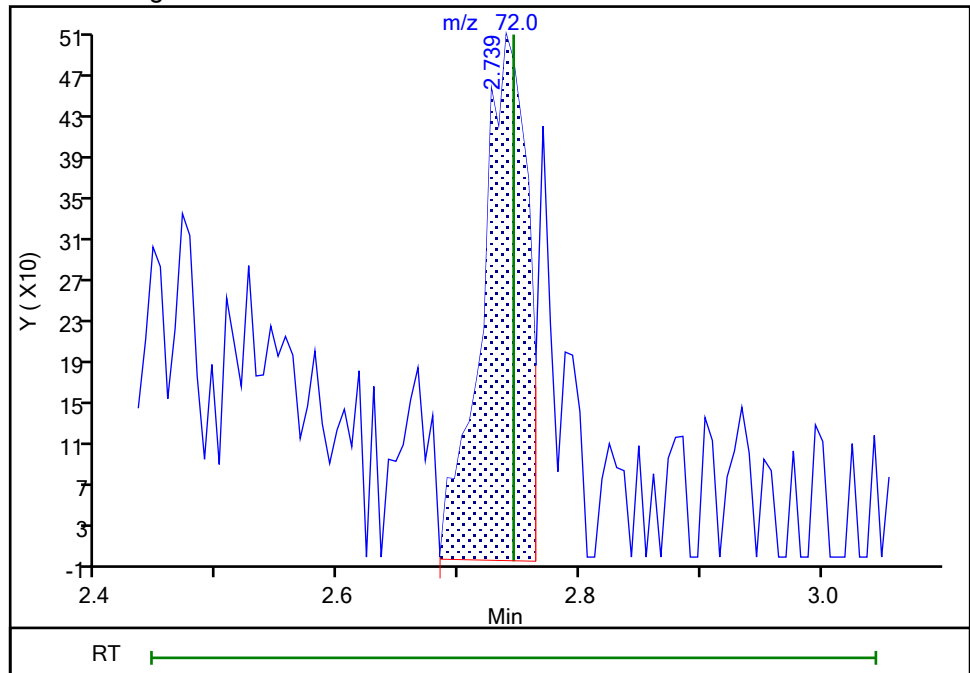
RT: 2.74
Area: 1773
Amount: 3.319406
Amount Units: ug/l

Processing Integration Results



RT: 2.74
Area: 1331
Amount: 2.305226
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:08:51

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

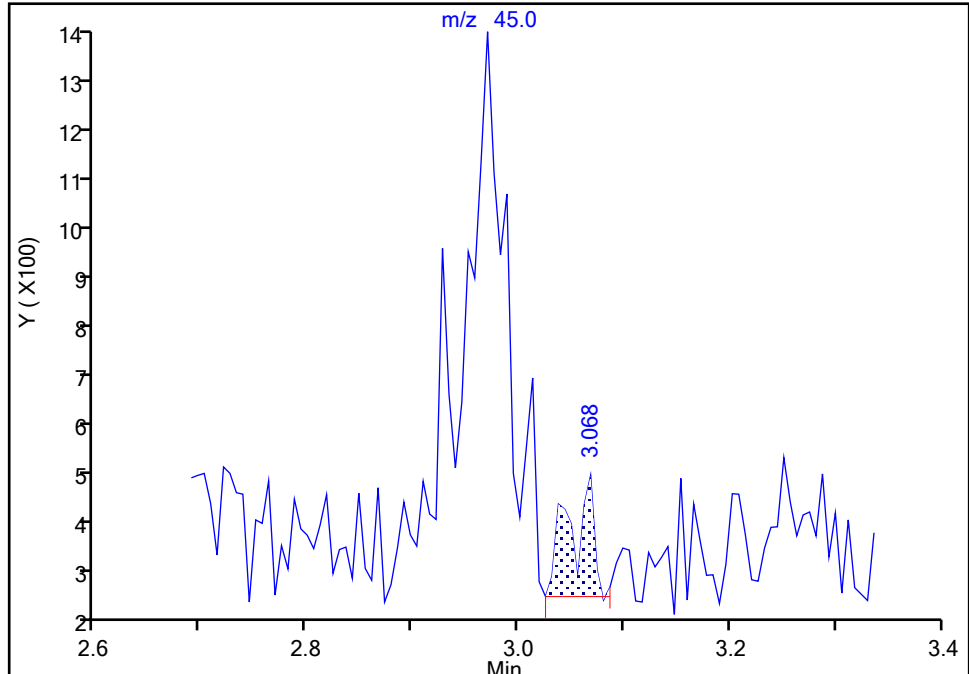
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 2

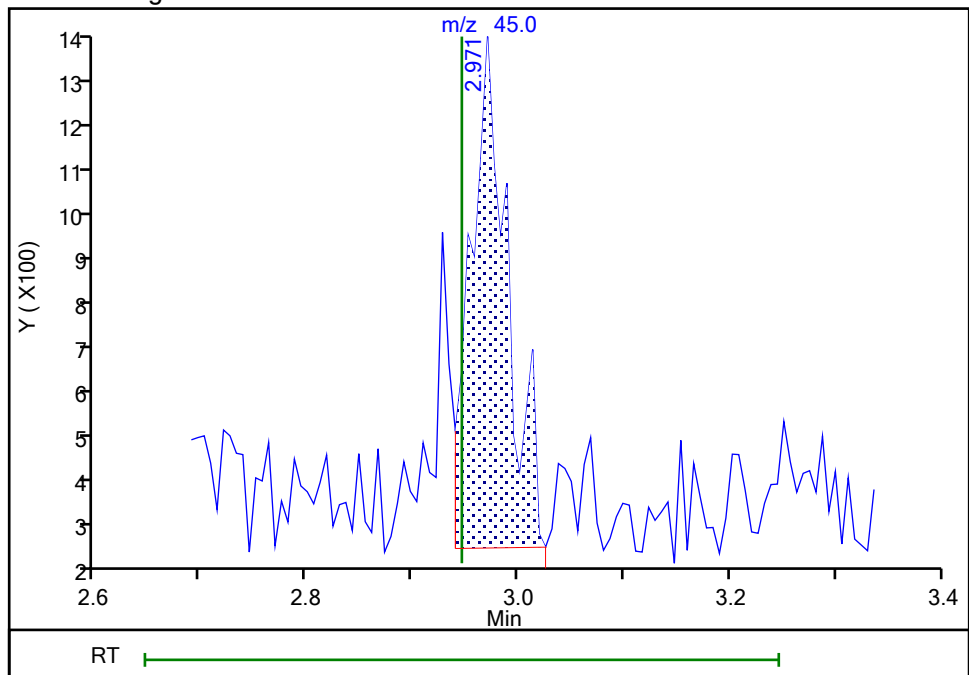
RT: 3.07
Area: 396
Amount: 85.373838
Amount Units: ug/l

Processing Integration Results



RT: 2.97
Area: 2774
Amount: 45.693457
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:55:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

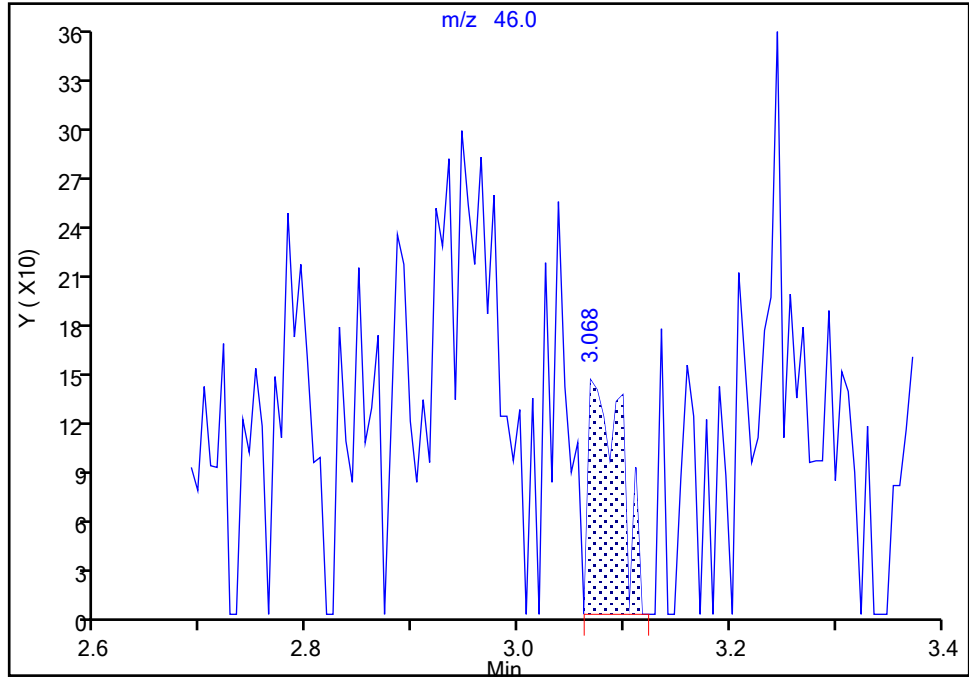
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D
Injection Date: 23-Dec-2021 16:27:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

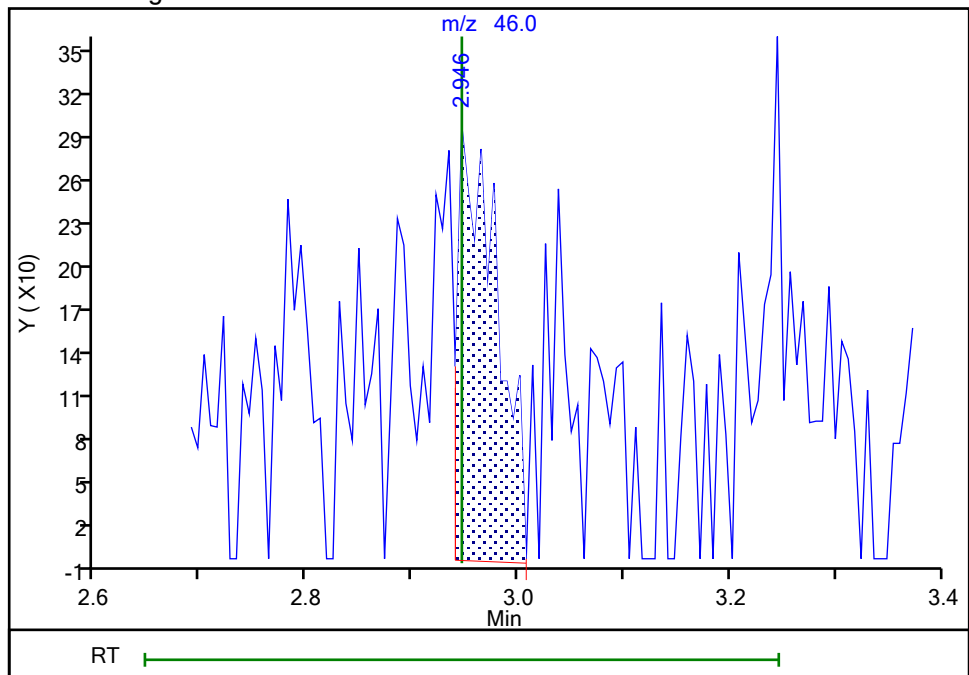
RT: 3.07
Area: 307
Amount: 85.373838
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 760
Amount: 45.693457
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:08:34

Audit Action: Manually Integrated

Audit Reason: Poor chromatography
Page 312 of 897

03/21/2022

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

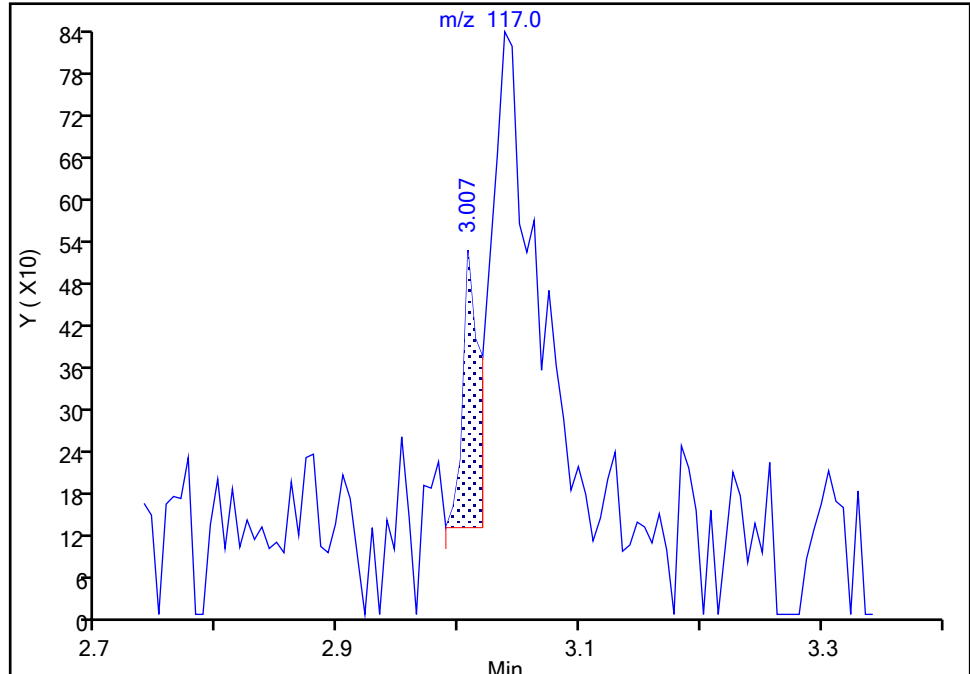
MS SCAN

167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

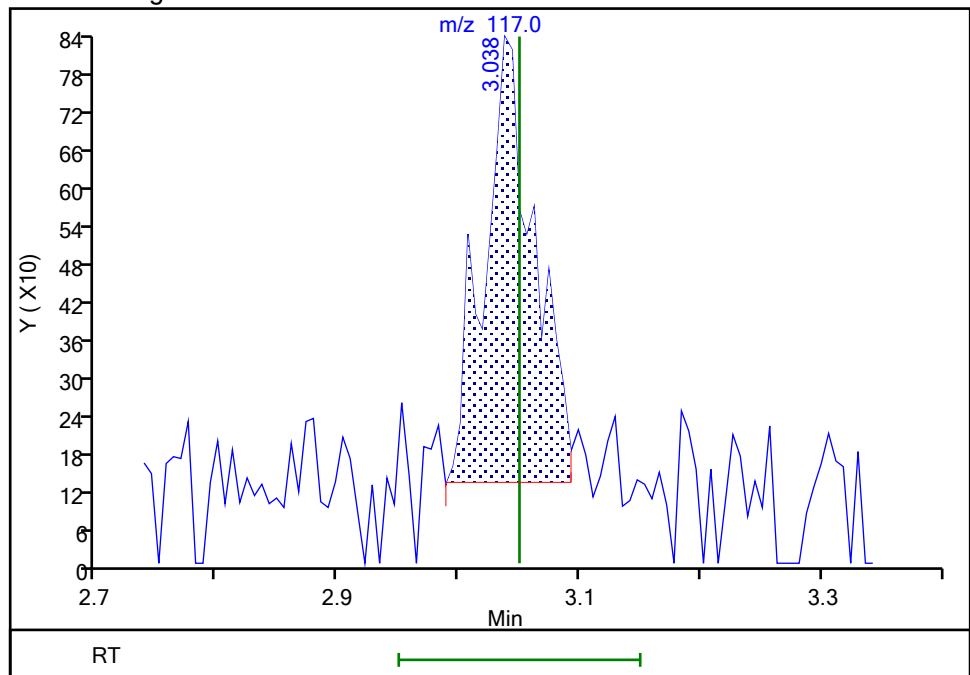
RT: 3.01
Area: 383
Amount: 0.143586
Amount Units: ug/l

Processing Integration Results



RT: 3.04
Area: 2050
Amount: 0.813042
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:56:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

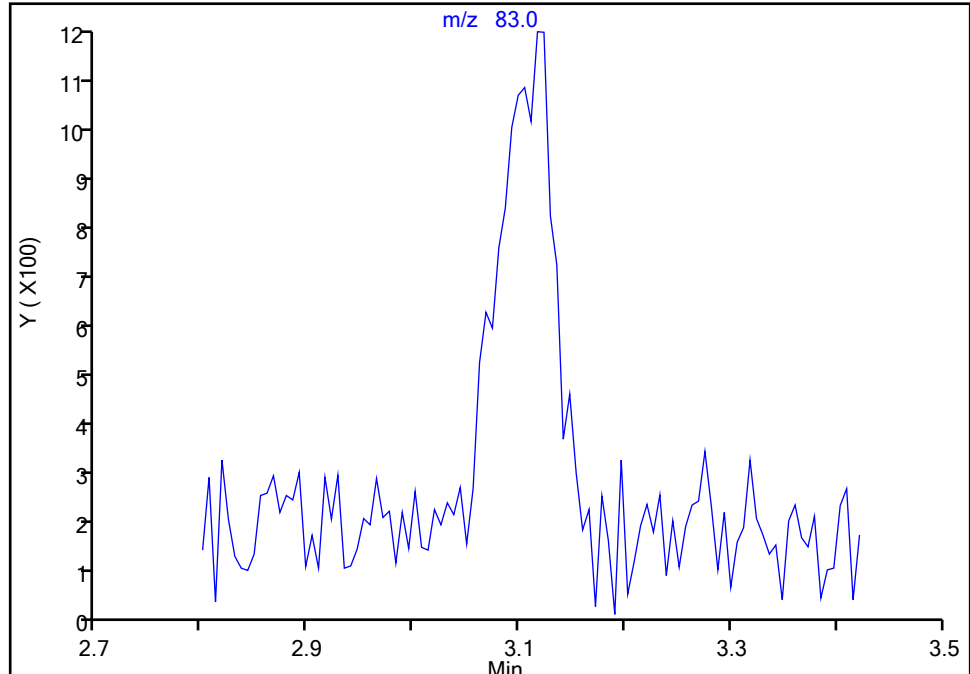
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

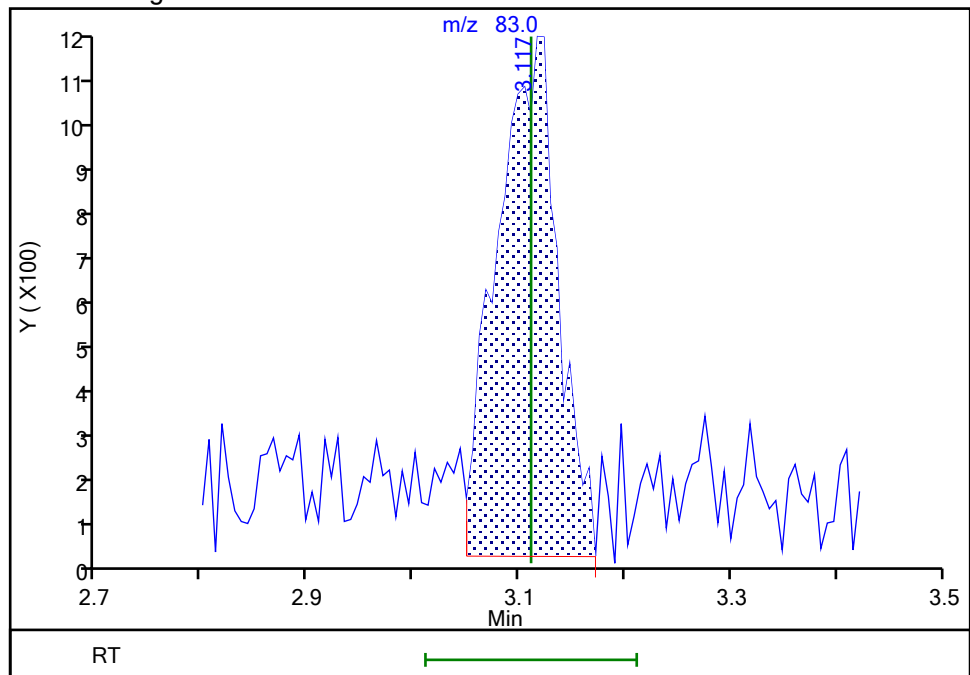
Expected RT: 3.11

Processing Integration Results



Manual Integration Results

RT: 3.12
Area: 4104
Amount: 0.995542
Amount Units: ug/l



Reviewer: baronm, 23-Dec-2021 18:56:09

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

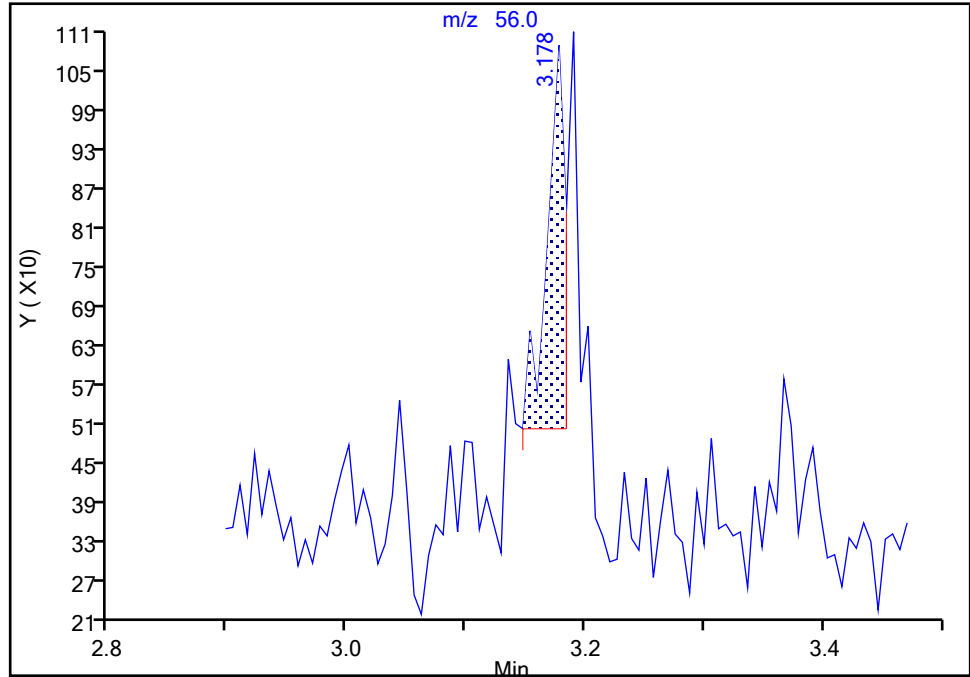
MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

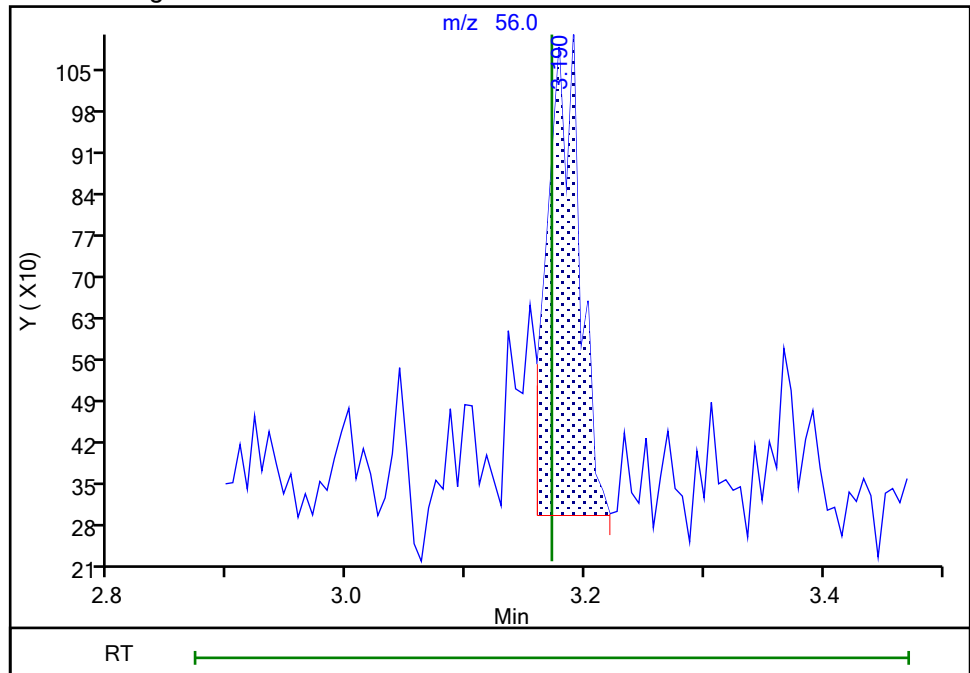
RT: 3.18
Area: 633
Amount: 2.254105
Amount Units: ug/l

Processing Integration Results



RT: 3.19
Area: 1537
Amount: 5.168931
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:56:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

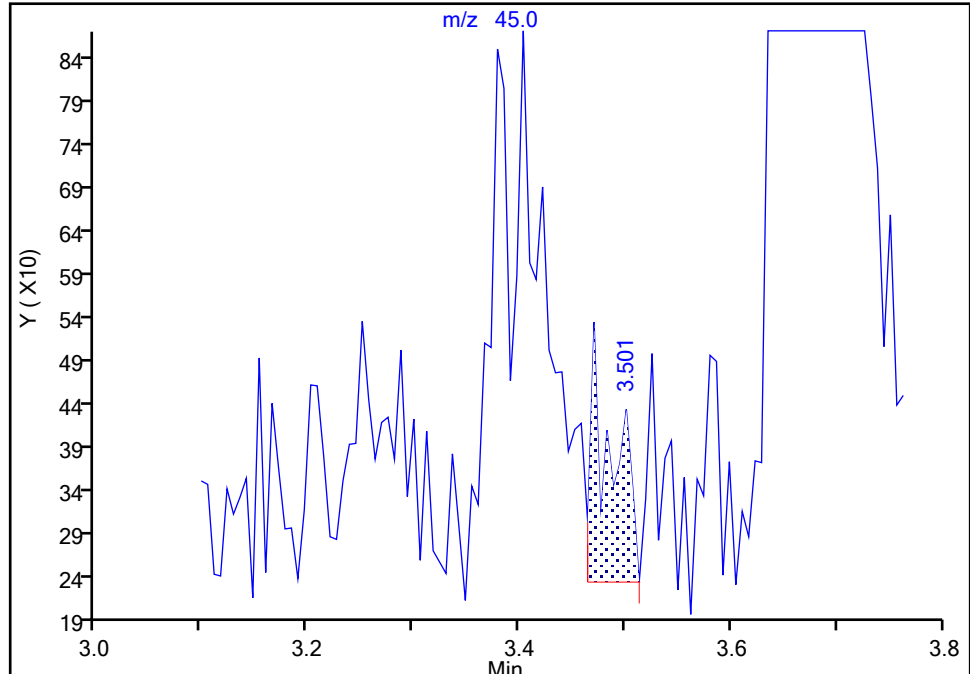
MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

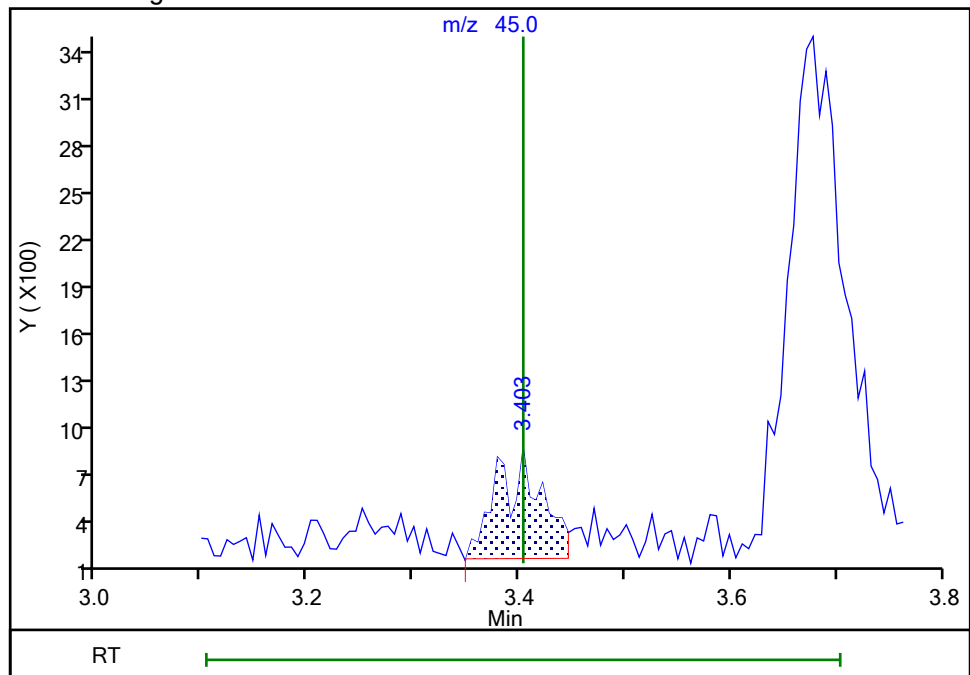
RT: 3.50
Area: 426
Amount: 3.344914
Amount Units: ug/l

Processing Integration Results



RT: 3.40
Area: 1959
Amount: 10.772576
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:56:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

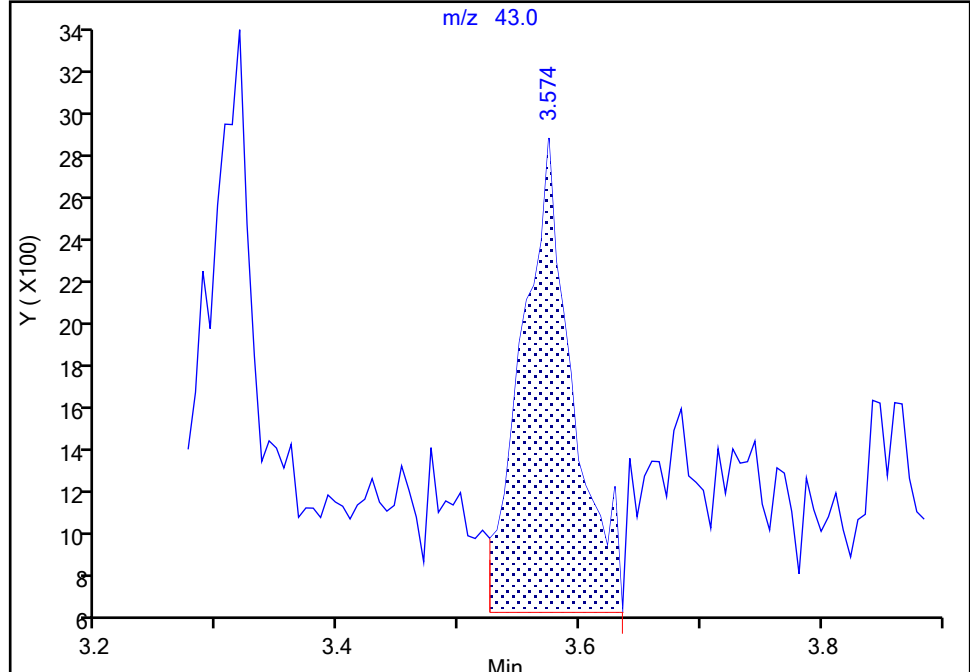
MS SCAN

27 Methyl acetate, CAS: 79-20-9

Signal: 1

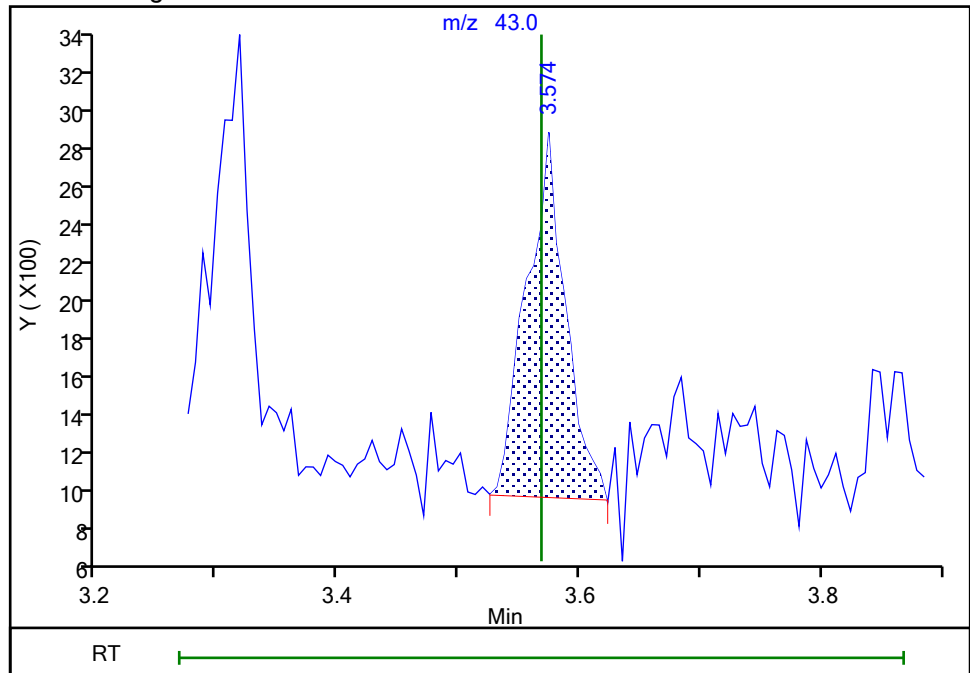
RT: 3.57
Area: 6527
Amount: 3.710230
Amount Units: ug/l

Processing Integration Results



RT: 3.57
Area: 4245
Amount: 2.171545
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:21:45

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

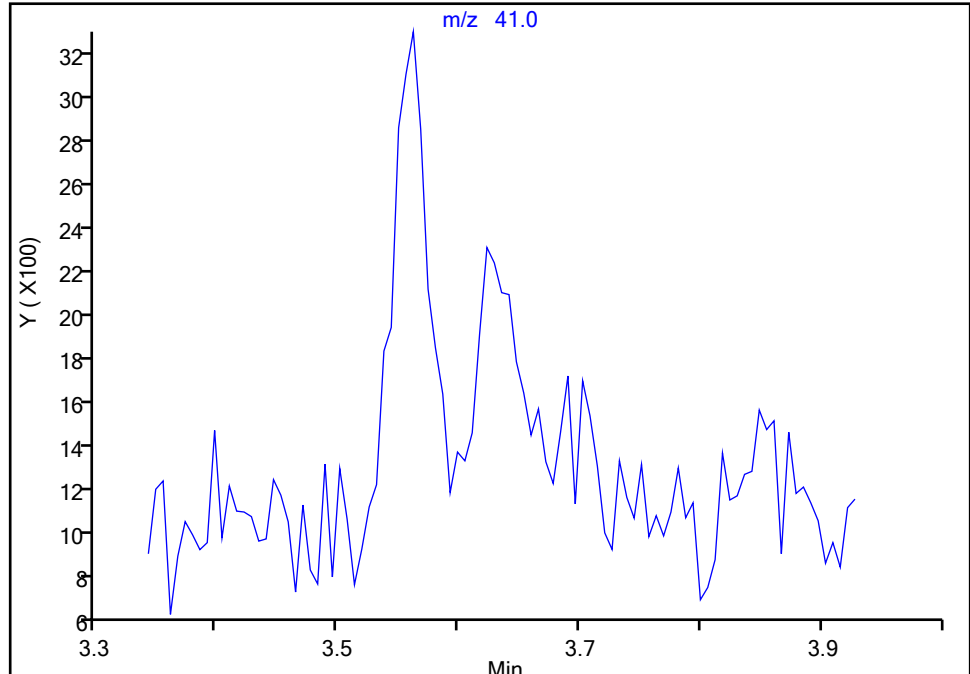
29 Acetonitrile, CAS: 75-05-8

Signal: 1

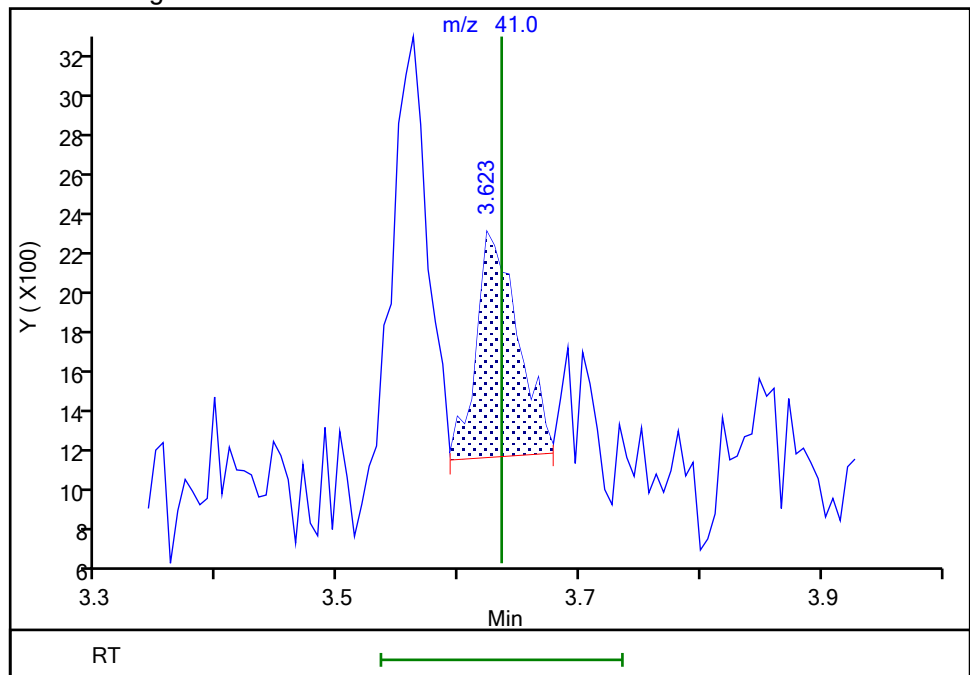
Not Detected

Expected RT: 3.64

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:57:06

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

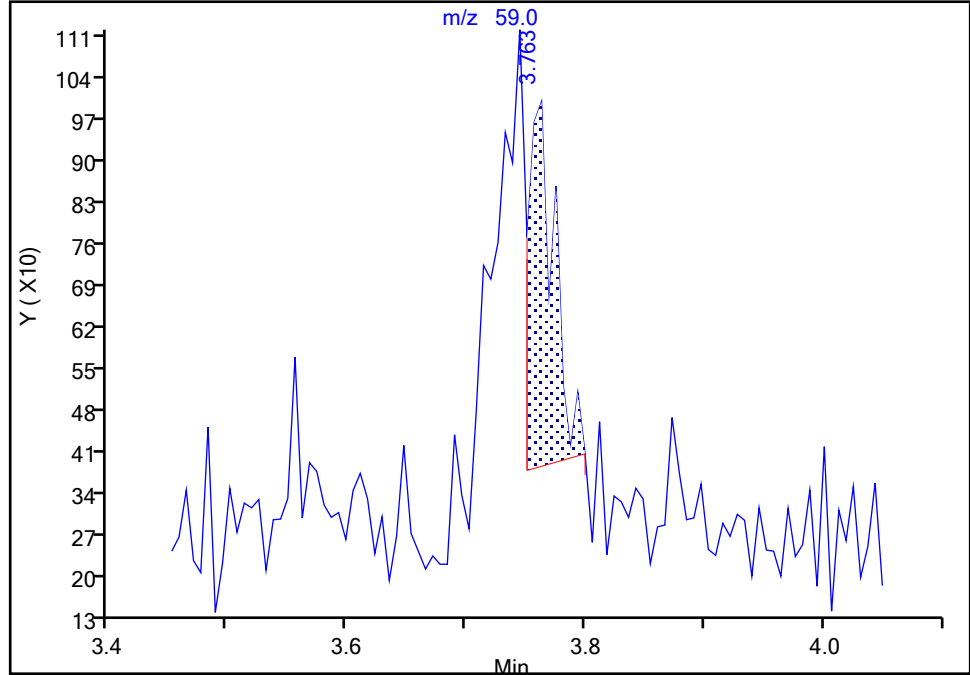
MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

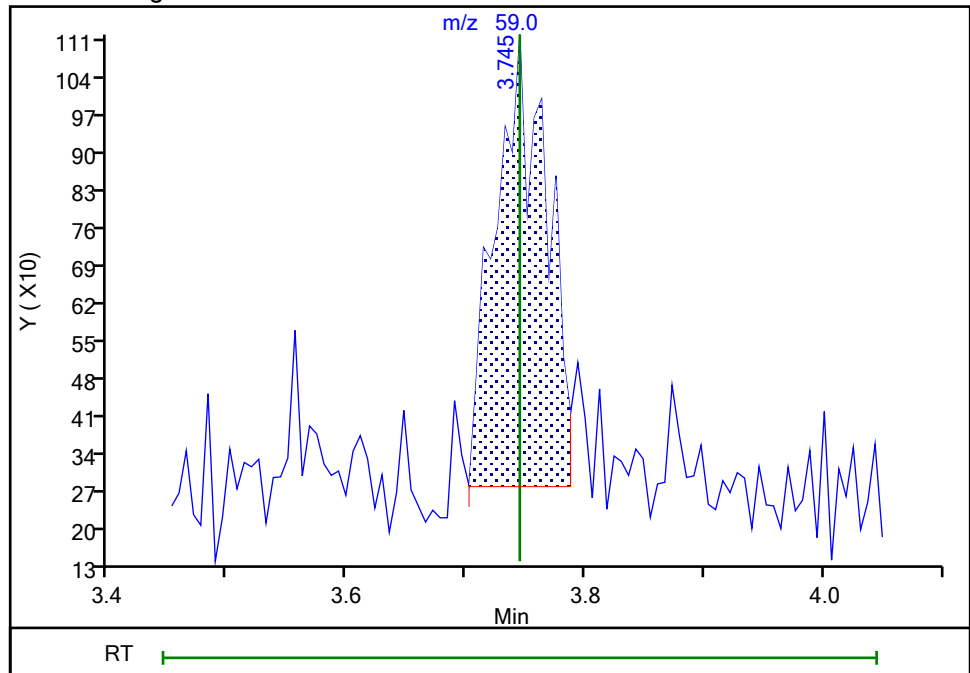
RT: 3.76
Area: 940
Amount: 3.219051
Amount Units: ug/l

Processing Integration Results



RT: 3.74
Area: 2531
Amount: 9.128418
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:57:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

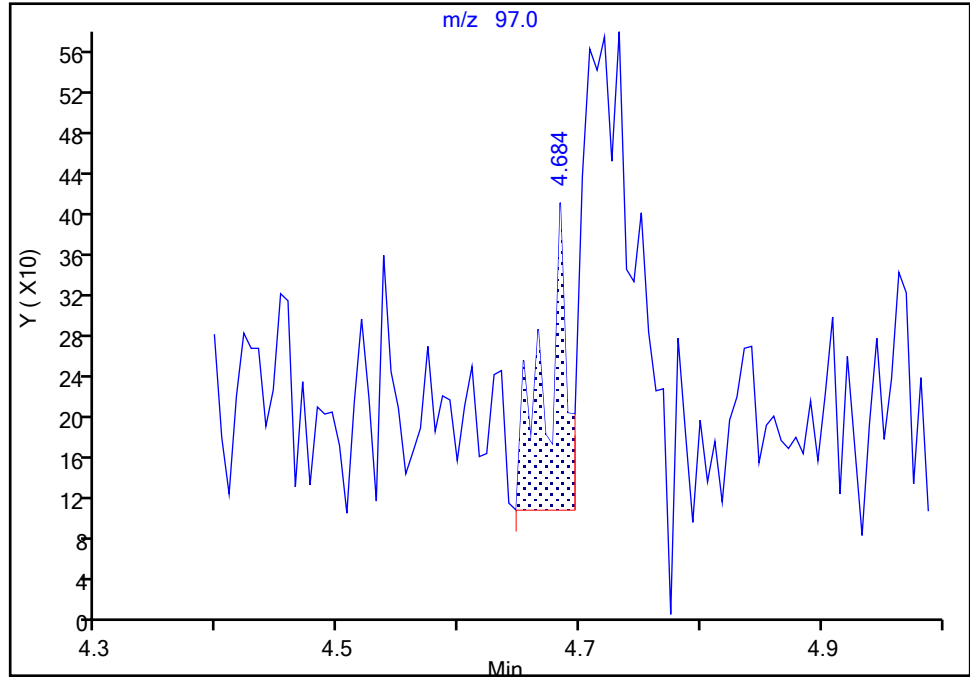
Detector: MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

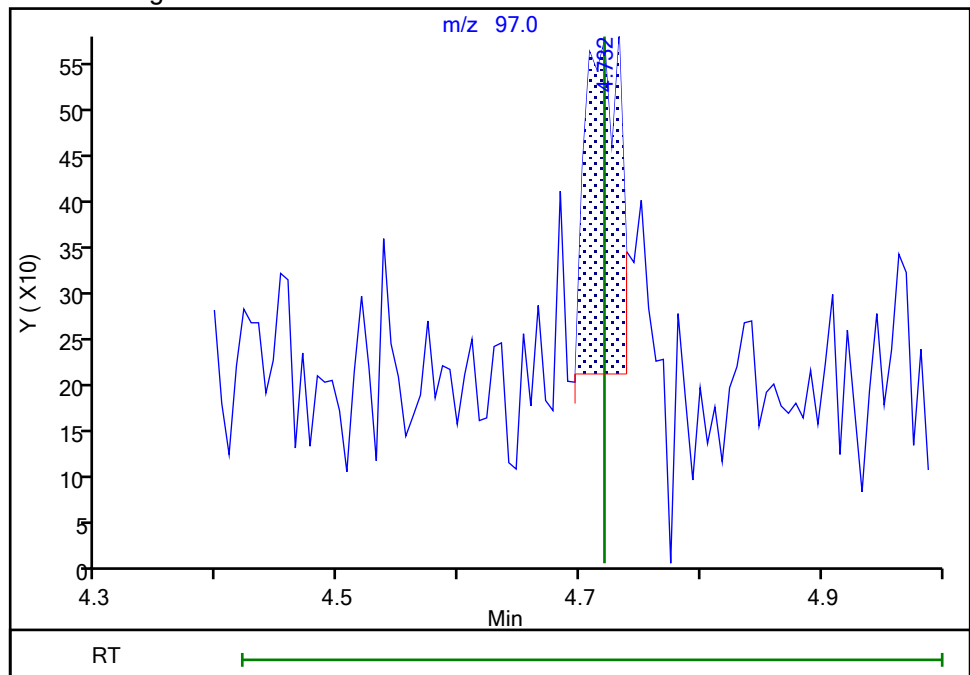
RT: 4.68
Area: 377
Amount: 0.396186
Amount Units: ug/l

Processing Integration Results



RT: 4.73
Area: 734
Amount: 0.765556
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:25:06

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

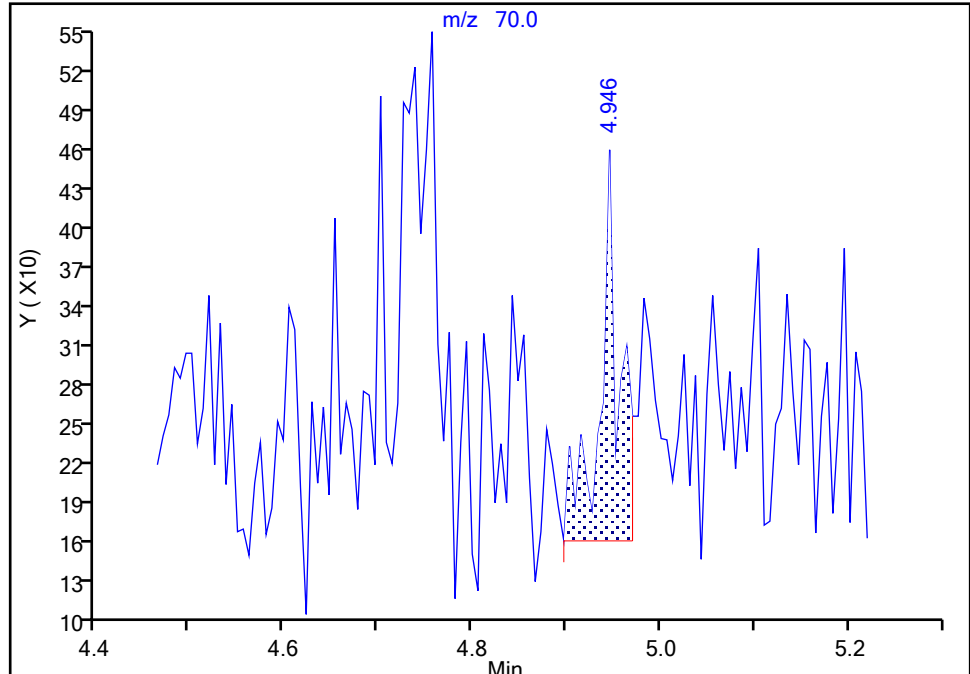
MS SCAN

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

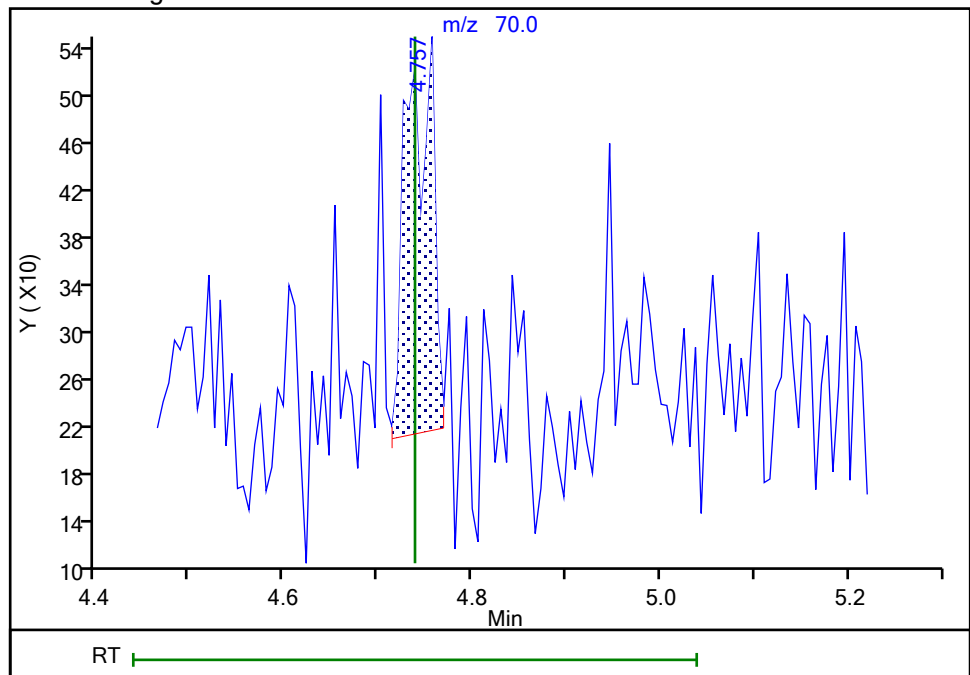
RT: 4.95
Area: 422
Amount: 1.481761
Amount Units: ug/l

Processing Integration Results



RT: 4.76
Area: 657
Amount: 2.158490
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:24:37

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

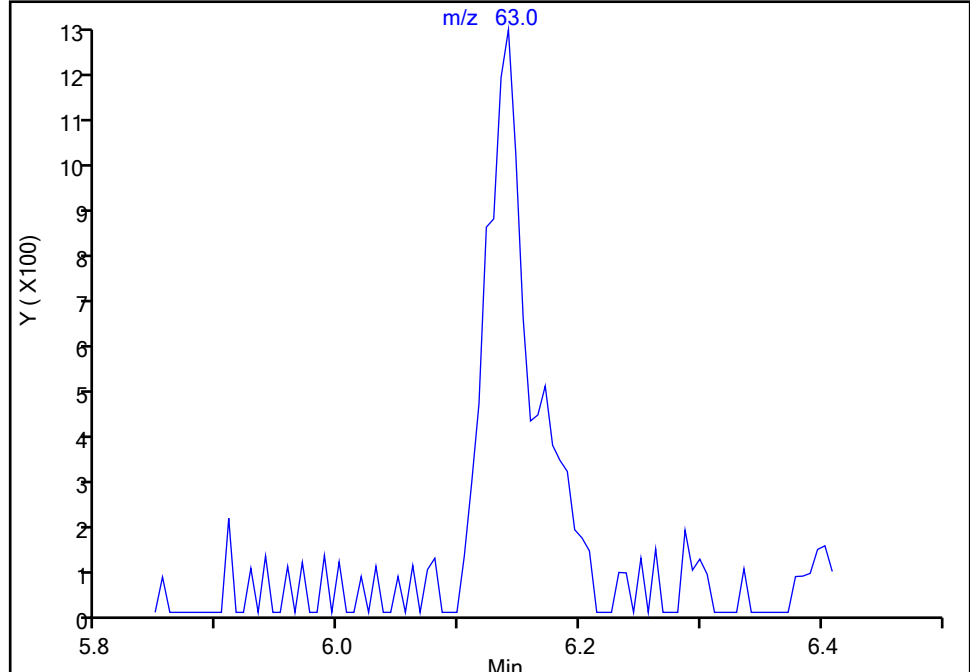
71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

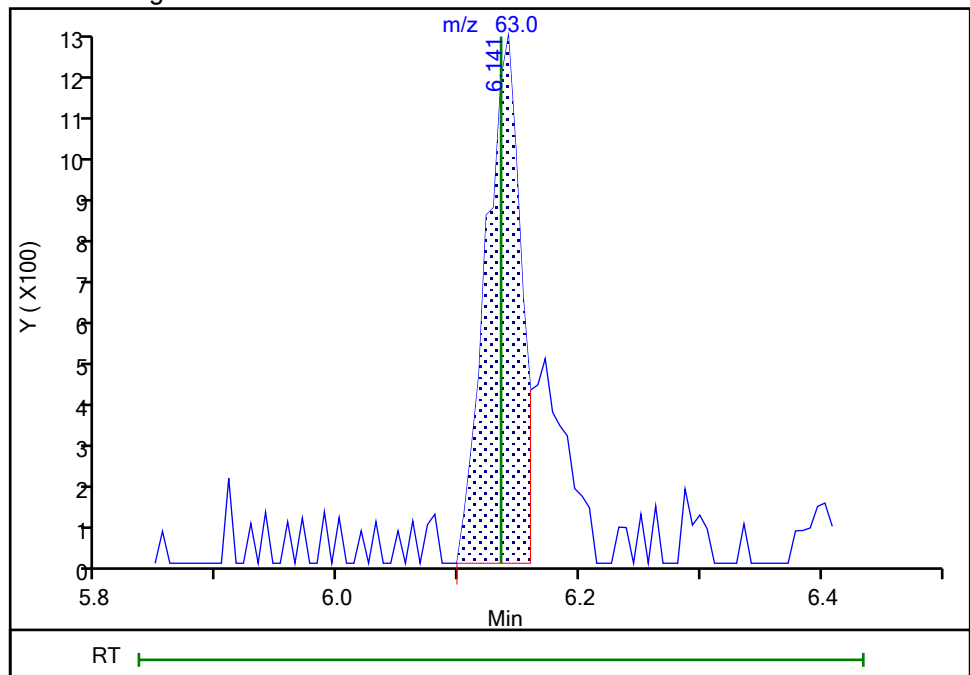
Not Detected

Expected RT: 6.13

Processing Integration Results



Manual Integration Results



RT: 6.14

Area: 2576

Amount: 0.960429

Amount Units: ug/l

Reviewer: baronm, 23-Dec-2021 18:57:55

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

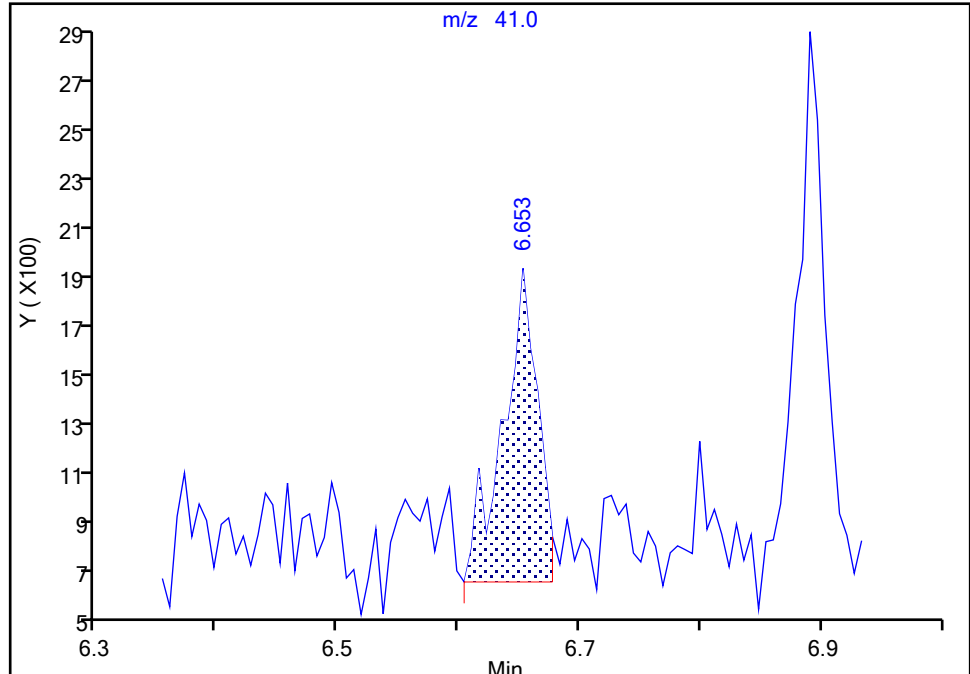
MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

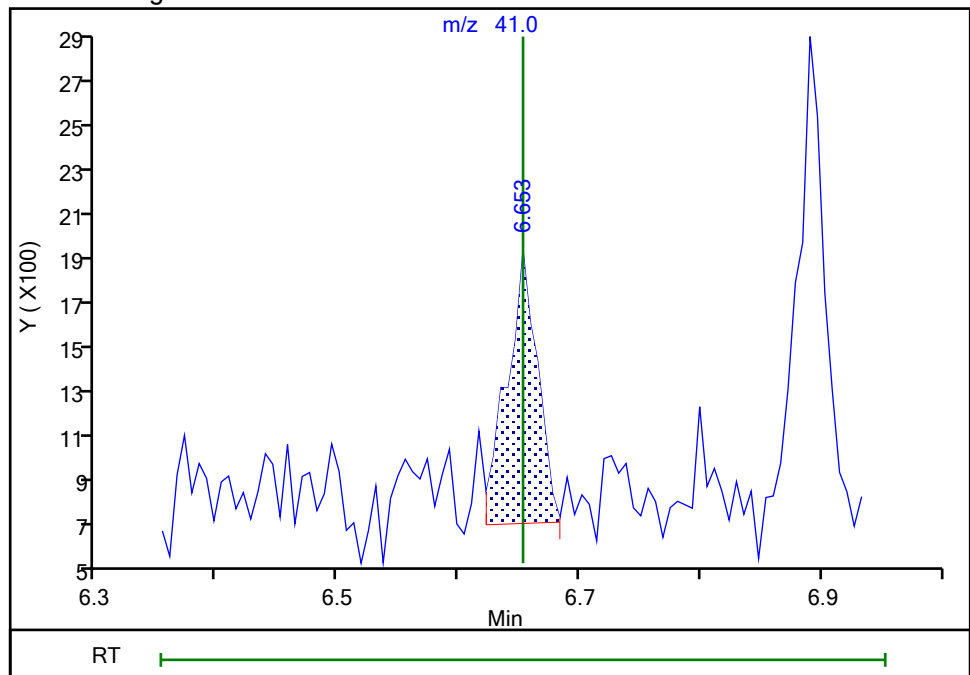
RT: 6.65
Area: 2541
Amount: 3.776056
Amount Units: ug/l

Processing Integration Results



RT: 6.65
Area: 2160
Amount: 2.749444
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:22:22

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

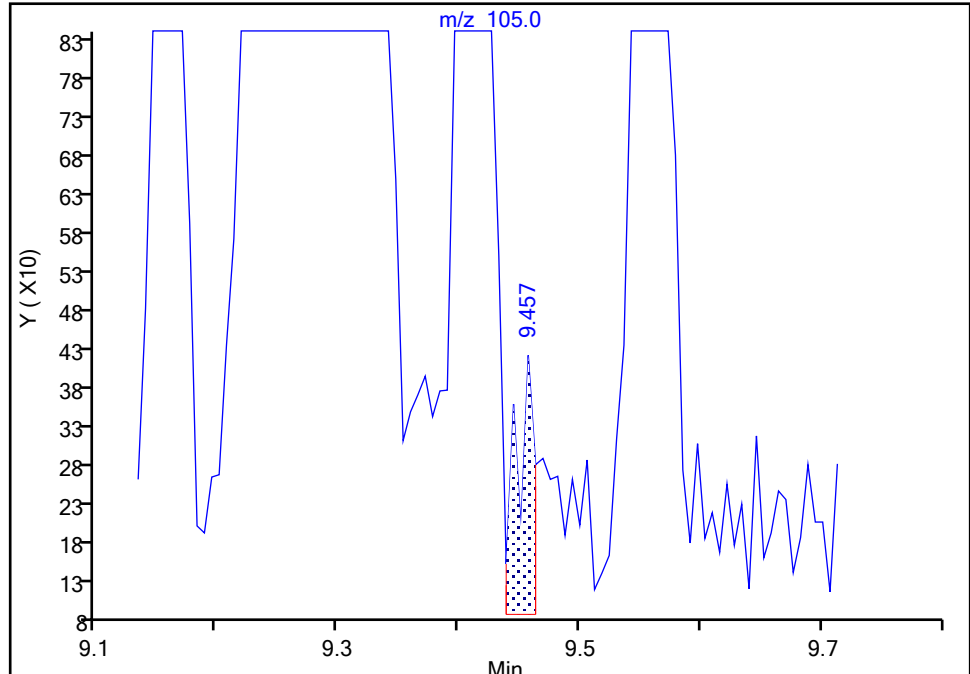
MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

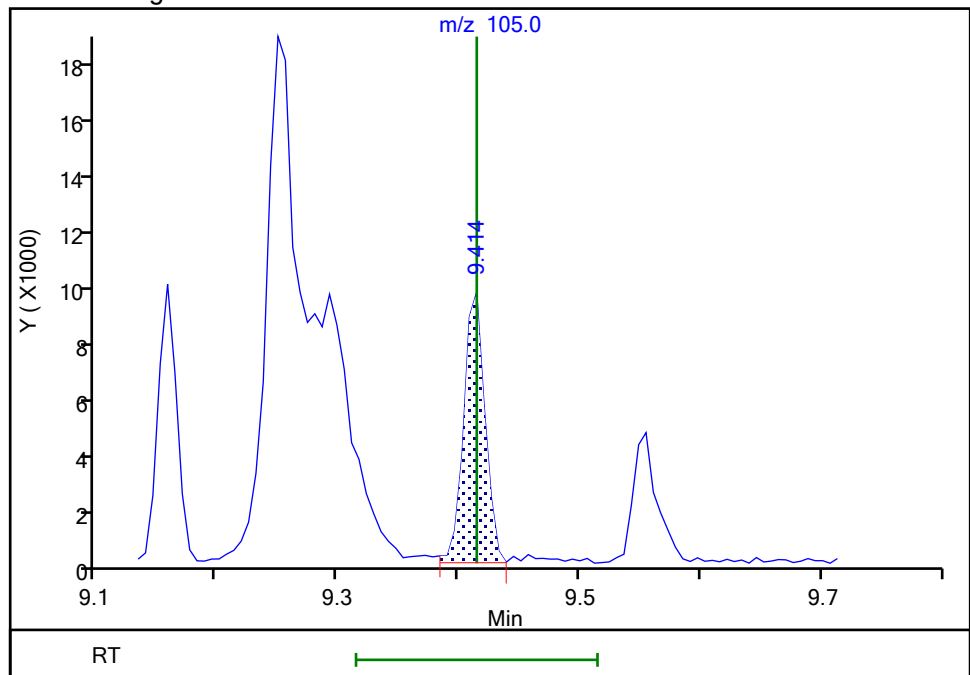
RT: 9.46
Area: 357
Amount: 0.026074
Amount Units: ug/l

Processing Integration Results



RT: 9.41
Area: 11652
Amount: 0.966599
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:58:47

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13130.D

Injection Date: 23-Dec-2021 16:27:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

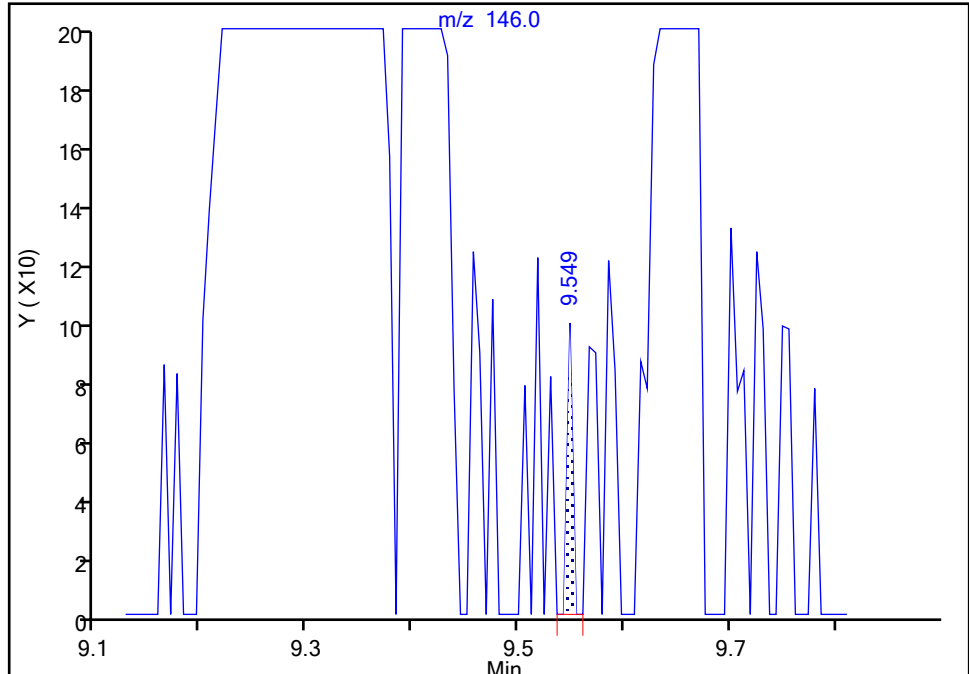
MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

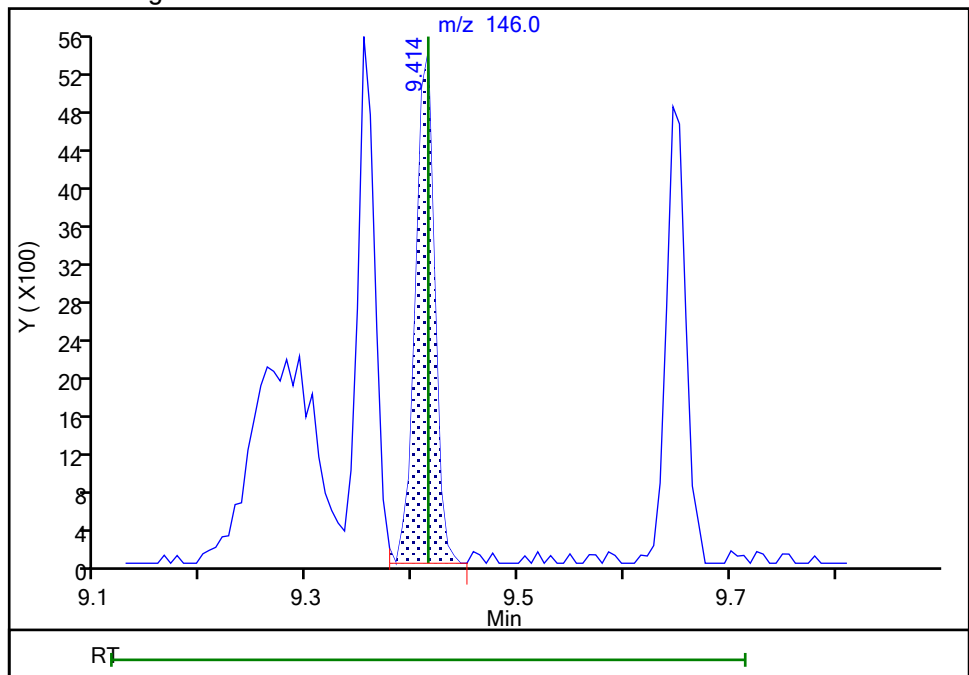
RT: 9.55
Area: 36
Amount: 0.005482
Amount Units: ug/l

Processing Integration Results



RT: 9.41
Area: 6779
Amount: 1.021111
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:58:43

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13131.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 23-Dec-2021 16:50:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0139544-005
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 23-Dec-2021 19:35:00 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: baronm

Date: 23-Dec-2021 18:29:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.672	1.678	-0.006	48	5249	5.00	5.38	M
4 Dichlorodifluoromethane	85	1.702	1.721	-0.019	92	18766	5.00	4.41	
165 Chlorodifluoromethane	51	1.721	1.739	-0.018	96	14375	5.00	4.94	
6 Chloromethane	50	1.922	1.934	-0.012	99	21864	5.00	4.96	
7 Vinyl chloride	62	2.032	2.044	-0.012	77	20571	5.00	4.54	
172 Butadiene	39	2.032	2.050	-0.018	97	25627	5.00	5.15	
9 Bromomethane	94	2.397	2.410	-0.013	98	15343	5.00	4.40	
10 Chloroethane	64	2.477	2.483	-0.006	98	13384	5.00	4.59	
174 Dichlorofluoromethane	67	2.708	2.715	-0.007	97	32773	5.00	5.62	
12 Trichlorofluoromethane	101	2.702	2.727	-0.025	56	28554	5.00	5.29	a
13 Pentane	72	2.733	2.745	-0.012	95	7064	10.0	12.0	
14 Ethanol	46	2.952	2.946	0.006	57	2773	200.0	163.4	
15 Ethyl ether	59	2.964	2.977	-0.013	88	10997	5.00	5.08	
16 2-Methyl-1,3-butadiene	53	2.995	3.001	-0.006	92	12383	5.00	4.85	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.044	3.050	-0.006	69	12096	5.00	4.90	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.111	3.111	0.000	89	19784	5.00	4.90	a
19 Acrolein	56	3.172	3.172	0.000	90	4760	20.3	15.7	
20 1,1,2,2-TCTFE	101	3.184	3.190	-0.006	97	16135	5.00	5.17	
21 1,1-Dichloroethene	96	3.202	3.214	-0.012	97	14572	5.00	5.14	
22 Acetone	58	3.300	3.312	-0.012	87	6737	25.0	25.9	
23 Iodomethane	142	3.373	3.385	-0.012	98	24744	5.00	4.86	
24 Isopropyl alcohol	45	3.397	3.403	-0.006	36	9220	50.0	49.7	a
25 Carbon disulfide	76	3.403	3.416	-0.013	100	47436	5.00	4.94	
161 3-Chloro-1-propene	76	3.556	3.562	-0.006	32	8696	5.00	5.04	
27 Methyl acetate	43	3.562	3.568	-0.006	79	19952	10.0	10.4	
166 Cyclopentene	67	3.574	3.580	-0.006	94	31856	5.00	4.83	
29 Acetonitrile	41	3.623	3.635	-0.012	98	11606	50.0	39.6	
* 30 TBA-d9 (IS)	65	3.672	3.684	-0.012	82	258790	1000.0	1000.0	
31 Methylene Chloride	84	3.684	3.696	-0.012	96	14568	5.00	4.88	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	35	12897	50.0	45.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.854	3.861	-0.007	96	38302	5.00	5.01	
34 trans-1,2-Dichloroethene	96	3.873	3.885	-0.012	95	14627	5.00	5.13	
35 Acrylonitrile	53	3.946	3.958	-0.012	93	49881	50.0	51.5	
36 Hexane	43	4.025	4.031	-0.006	91	13259	5.00	5.28	
37 Isopropyl ether	45	4.232	4.233	-0.001	92	42432	5.00	4.87	
38 1,1-Dichloroethane	63	4.263	4.269	-0.006	62	24503	5.00	5.04	
39 Vinyl acetate	86	4.269	4.269	0.000	99	6232	10.0	9.40	
40 2-Chloro-1,3-butadiene	88	4.306	4.312	-0.006	91	11998	5.00	4.73	
41 Tert-butyl ethyl ether	59	4.519	4.519	0.000	89	40400	5.00	5.10	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	87	267717	250.0	250.0	
43 2,2-Dichloropropane	97	4.720	4.720	0.000	73	4990	5.00	5.32	
44 cis-1,2-Dichloroethene	96	4.726	4.732	-0.006	92	15385	5.00	4.72	
46 Ethyl acetate	70	4.738	4.739	-0.001	92	2840	10.0	9.48	
45 2-Butanone (MEK)	72	4.732	4.739	-0.007	96	8232	25.0	25.1	
47 Methyl acrylate	55	4.787	4.787	0.000	98	11281	5.00	4.68	
48 Propionitrile	54	4.854	4.854	0.000	96	17578	50.0	45.3	
49 Tetrahydrofuran	72	4.927	4.921	0.006	68	4260	10.0	12.0	
50 Chlorobromomethane	128	4.921	4.928	-0.007	84	7804	5.00	4.79	
51 Methacrylonitrile	67	4.940	4.946	-0.006	94	52366	50.0	48.0	
52 Chloroform	83	4.958	4.964	-0.006	96	24154	5.00	5.00	
53 Cyclohexane	56	5.086	5.086	0.000	92	26531	5.00	5.04	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.092	0.000	97	134825	50.0	48.6	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	43	22177	5.00	4.85	
56 Carbon tetrachloride	117	5.190	5.190	0.000	97	18537	5.00	4.68	
57 1,1-Dichloropropene	75	5.208	5.208	0.000	94	18117	5.00	4.83	
58 Isobutyl alcohol	43	5.275	5.275	0.000	96	15404	125.0	123.4	
59 Isooctane	57	5.330	5.336	-0.006	98	48526	5.00	4.63	
60 Benzene	78	5.366	5.373	-0.007	94	52200	5.00	5.10	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.379	-0.001	85	154923	50.0	47.4	
62 Isopropyl acetate	61	5.385	5.385	0.000	43	7803	5.00	7.87	
63 Tert-amyl methyl ether	87	5.397	5.409	-0.012	92	12251	5.00	4.78	
64 1,2-Dichloroethane	62	5.433	5.440	-0.007	98	17929	5.00	5.01	
65 n-Heptane	71	5.464	5.470	-0.006	93	12863	5.00	5.18	
* 66 Fluorobenzene	96	5.592	5.598	-0.006	99	491404	50.0	50.0	
67 n-Butanol	56	5.793	5.799	-0.006	87	8902	125.0	115.8	
68 Trichloroethene	95	5.878	5.885	-0.007	96	13902	5.00	4.89	
69 Ethyl acrylate	99	5.952	5.964	-0.012	96	1524	5.00	4.79	
70 Methylcyclohexane	83	6.000	6.001	-0.001	95	26512	5.00	4.84	
71 1,2-Dichloropropane	63	6.134	6.135	-0.001	88	13703	5.00	5.22	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	90	28030	1000.0	1000.0	
72 Methyl methacrylate	69	6.165	6.171	-0.006	93	15826	10.0	9.58	
74 n-Propyl acetate	43	6.208	6.208	0.000	99	17380	5.00	4.89	
75 1,4-Dioxane	88	6.214	6.214	0.000	29	3624	100.0	116.0	
76 Dibromomethane	93	6.250	6.250	0.000	95	8601	5.00	4.88	
77 Dichlorobromomethane	83	6.372	6.372	0.000	98	15443	5.00	4.66	
78 2-Chloroethyl vinyl ether	63	6.634	6.641	-0.007	92	7937	5.01	4.98	
79 2-Nitropropane	41	6.659	6.653	0.006	97	7390	10.0	9.61	
80 Epichlorohydrin	57	6.738	6.738	0.000	99	24118	100.0	97.6	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	93	19567	5.00	4.90	
82 4-Methyl-2-pentanone (MIBK)	43	6.890	6.891	-0.001	98	60360	25.0	24.5	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	100	487289	50.0	50.3	
84 Toluene	91	7.025	7.025	0.000	94	52687	5.00	4.95	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.238	7.238	0.000	84	15681	5.00	4.76	
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	96	17994	5.00	4.90	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	94	9155	5.00	4.94	
88 Tetrachloroethene	166	7.421	7.421	0.000	95	13361	5.00	4.67	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	93	18036	5.00	4.97	
90 2-Hexanone	58	7.524	7.525	-0.001	98	19420	25.0	23.0	
91 n-Butyl acetate	73	7.573	7.573	0.000	99	3468	5.00	5.15	
92 Chlorodibromomethane	129	7.652	7.653	-0.001	98	11198	5.00	4.65	
93 Ethylene Dibromide	107	7.750	7.750	0.000	98	11613	5.00	5.11	
* 94 Chlorobenzene-d5	117	8.030	8.031	-0.001	86	351072	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	96	32892	5.00	4.80	
96 Ethylbenzene	106	8.085	8.085	0.000	98	19872	5.00	4.95	
97 1,1,1,2-Tetrachloroethane	131	8.097	8.098	-0.001	94	13024	5.00	4.61	
98 m-Xylene & p-Xylene	106	8.158	8.159	-0.001	98	24585	5.00	5.09	
99 n-Butyl acrylate	73	8.360	8.360	0.000	95	8718	5.00	4.93	
100 o-Xylene	106	8.415	8.409	0.005	94	24224	5.00	4.90	
101 Styrene	104	8.427	8.427	0.000	96	38327	5.00	4.98	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	90	23526	5.00	5.19	
103 Bromoform	173	8.567	8.567	0.000	96	7748	5.00	4.68	
104 Isopropylbenzene	105	8.616	8.616	0.000	95	62253	5.00	5.06	
\$ 105 4-Bromofluorobenzene	174	8.738	8.744	-0.006	92	165263	50.0	50.9	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.823	0.000	98	15102	5.00	4.90	
107 Bromobenzene	156	8.829	8.829	0.000	93	15720	5.00	4.78	
108 N-Propylbenzene	91	8.847	8.848	-0.001	99	72995	5.00	5.16	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.860	0.000	67	2112	5.00	3.04	
110 1,2,3-Trichloropropane	110	8.860	8.866	-0.006	95	4736	5.00	4.95	
169 4-Ethyltoluene	105	8.908	8.909	0.000	0	61061	5.00	5.09	
112 2-Chlorotoluene	91	8.921	8.927	-0.007	97	55245	5.00	5.04	
113 1,3,5-Trimethylbenzene	105	8.945	8.945	0.000	93	52908	5.00	4.87	
114 Butyl Methacrylate	87	8.969	8.969	0.000	94	17850	5.00	4.75	
115 4-Chlorotoluene	91	8.988	8.988	0.000	96	42249	5.00	4.92	
116 tert-Butylbenzene	119	9.122	9.128	-0.006	94	43889	5.00	4.76	
117 1,2,4-Trimethylbenzene	105	9.158	9.158	0.000	97	54445	5.00	5.02	
118 sec-Butylbenzene	134	9.250	9.250	0.000	99	16078	5.00	4.57	
119 4-Isopropyltoluene	119	9.323	9.329	-0.006	97	63764	5.00	5.06	
120 1,3-Dichlorobenzene	146	9.353	9.360	-0.007	96	30773	5.00	4.89	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.396	0.000	95	210968	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.408	9.415	-0.006	90	31666	5.00	4.85	
123 1,2,3-Trimethylbenzene	105	9.414	9.415	0.000	97	59714	5.00	5.03	
124 Benzyl chloride	91	9.494	9.494	0.000	98	28943	5.00	5.08	
162 2,3-Dihydroindene	117	9.542	9.549	-0.007	42	61765	5.00	5.07	
164 p-Diethylbenzene	119	9.555	9.555	0.000	94	35490	5.00	4.85	
127 n-Butylbenzene	92	9.567	9.573	-0.006	99	33090	5.00	4.99	
128 1,2-Dichlorobenzene	146	9.646	9.652	-0.006	96	31755	5.00	5.07	
163 1,2,4,5-Tetramethylbenzene	119	10.067	10.073	-0.006	0	61352	5.00	5.10	
130 1,2-Dibromo-3-Chloropropane	157	10.182	10.183	-0.001	94	3755	5.00	4.82	
131 1,3,5-Trichlorobenzene	180	10.286	10.286	0.000	98	27878	5.00	5.01	
132 1,2,4-Trichlorobenzene	180	10.804	10.811	-0.007	94	25746	5.00	5.06	
133 Hexachlorobutadiene	225	10.884	10.884	0.000	95	11830	5.00	4.54	
134 Naphthalene	128	11.054	11.061	-0.007	99	57921	5.00	5.28	
135 1,2,3-Trichlorobenzene	180	11.286	11.286	0.000	95	22609	5.00	4.95	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		10.0	9.98	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00455	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00148	Amount Added: 10.00	Units: uL	
ACROLEIN W_00134	Amount Added: 4.00	Units: uL	
524freon_00046	Amount Added: 10.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13131.D

Injection Date: 23-Dec-2021 16:50:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

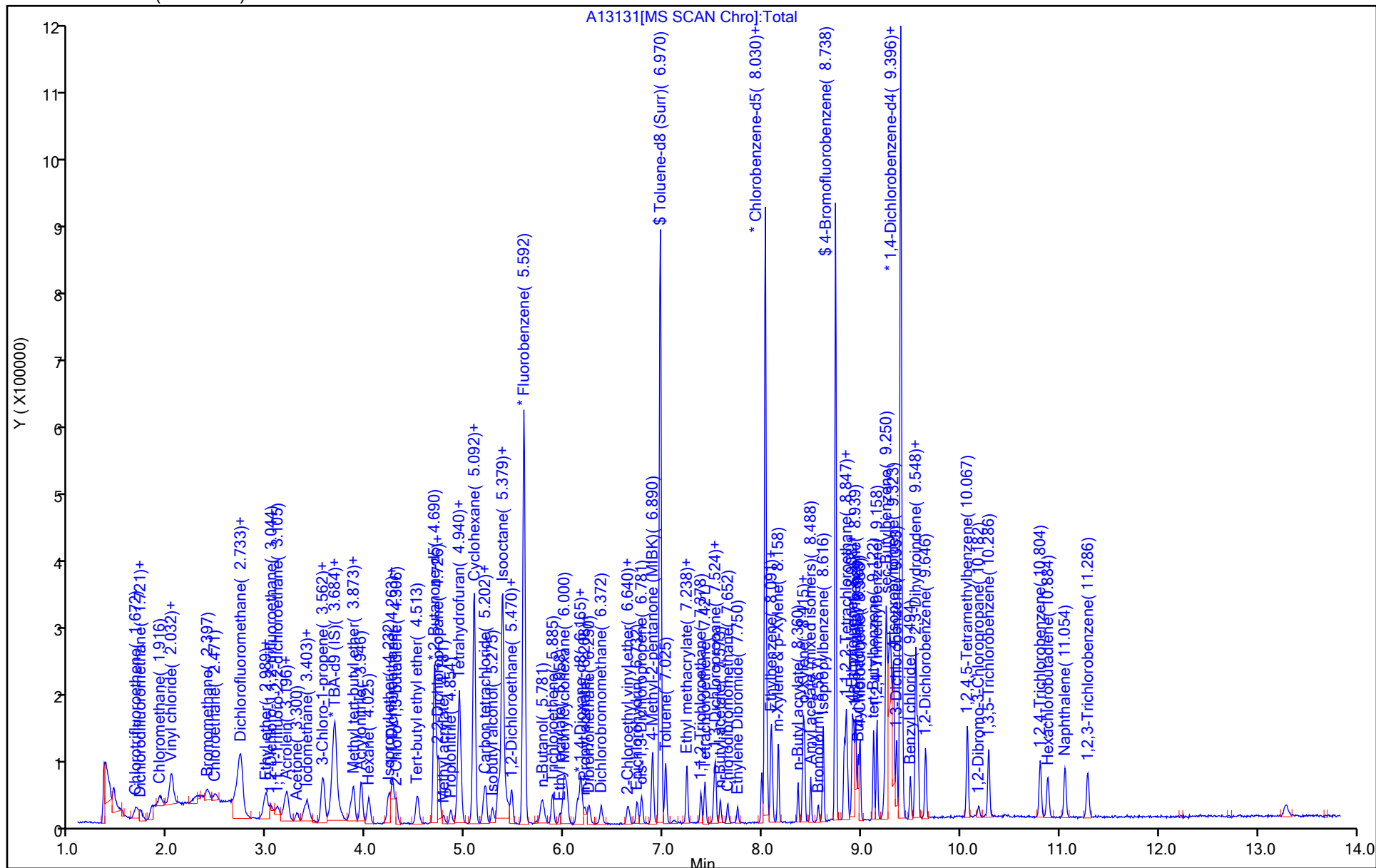
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13131.D

Injection Date: 23-Dec-2021 16:50:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

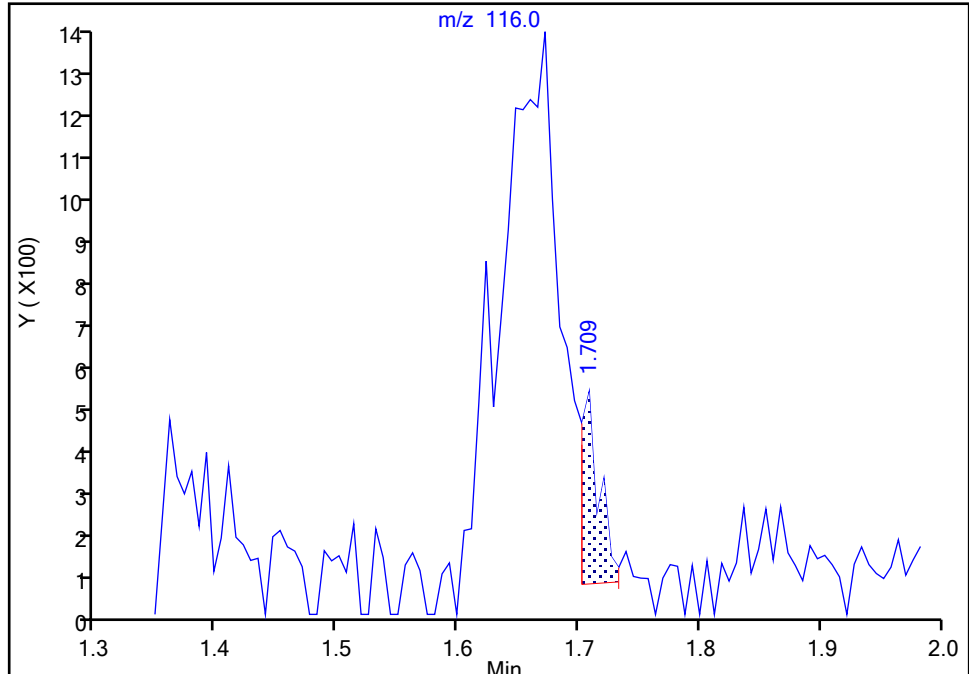
Detector: MS SCAN

170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

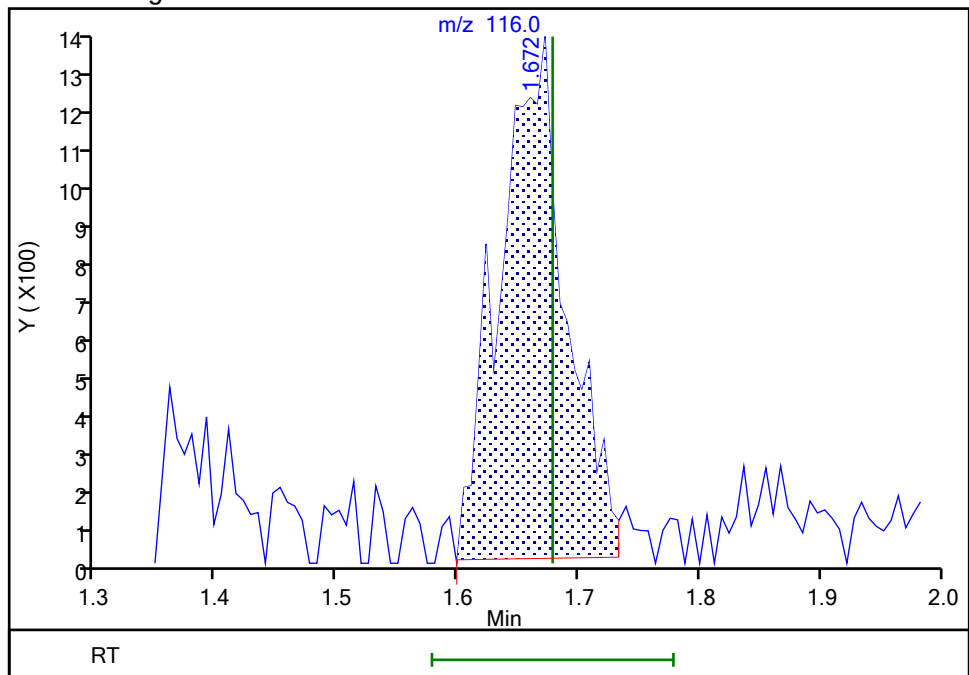
RT: 1.71
Area: 489
Amount: 0.822671
Amount Units: ug/l

Processing Integration Results



RT: 1.67
Area: 5249
Amount: 5.381270
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:00:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13131.D

Injection Date: 23-Dec-2021 16:50:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

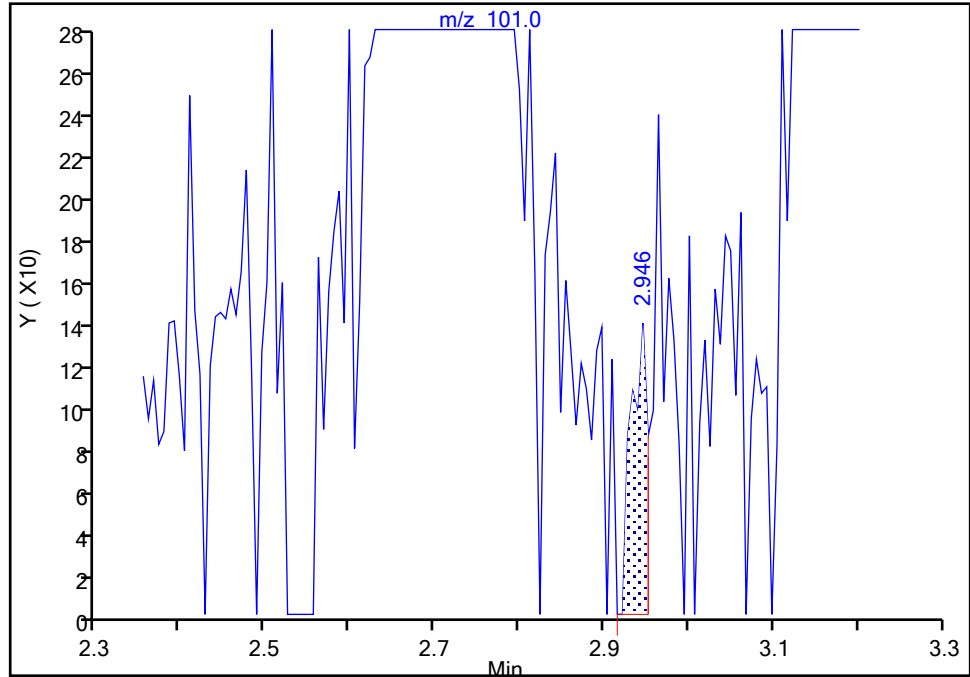
MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

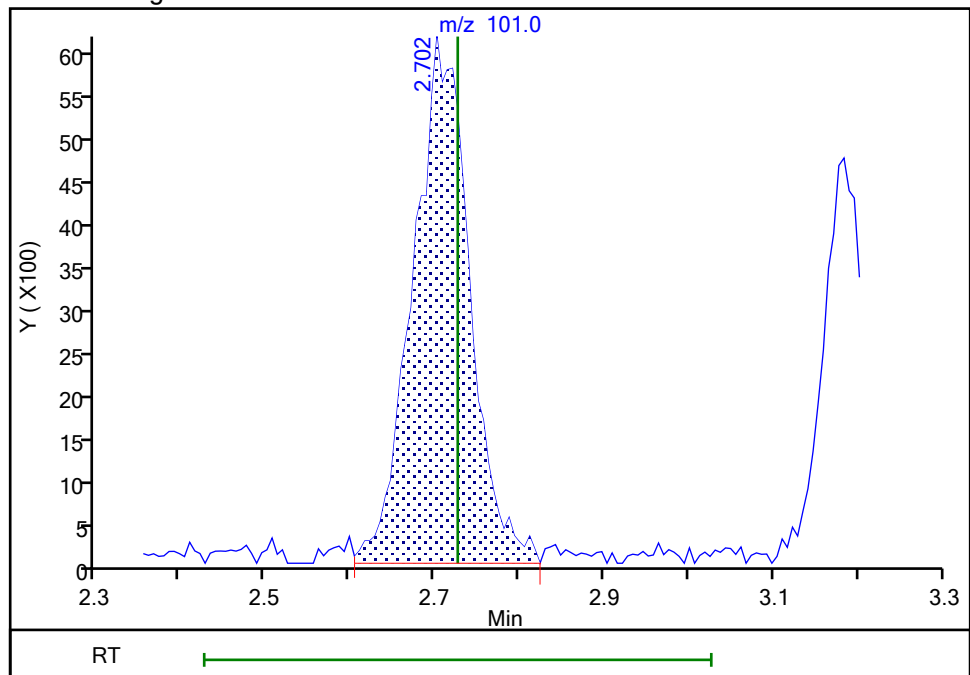
RT: 2.95
Area: 185
Amount: 0.041561
Amount Units: ug/l

Processing Integration Results



RT: 2.70
Area: 28554
Amount: 5.290793
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:00:20

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13131.D

Injection Date: 23-Dec-2021 16:50:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

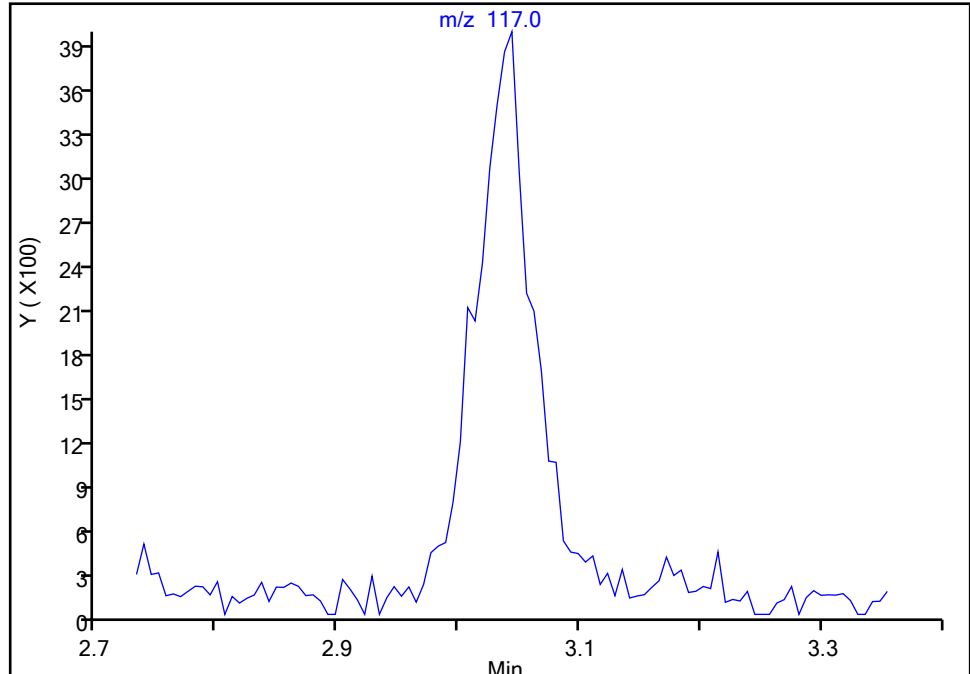
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

Not Detected

Expected RT: 3.05

Processing Integration Results



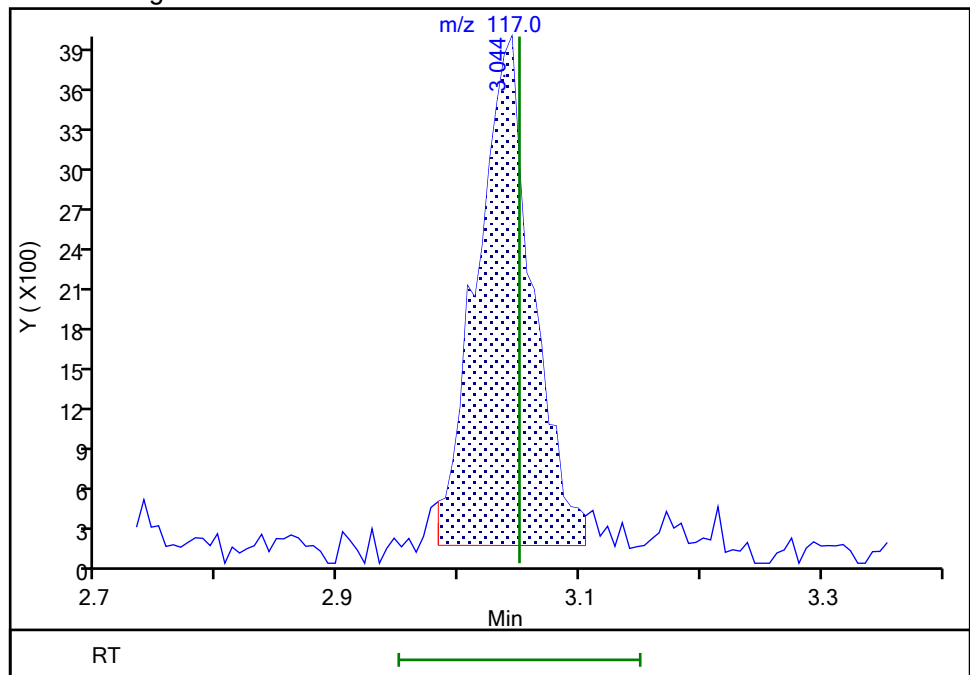
RT: 3.04

Area: 12096

Amount: 4.899947

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:00:31

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13131.D

Injection Date: 23-Dec-2021 16:50:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

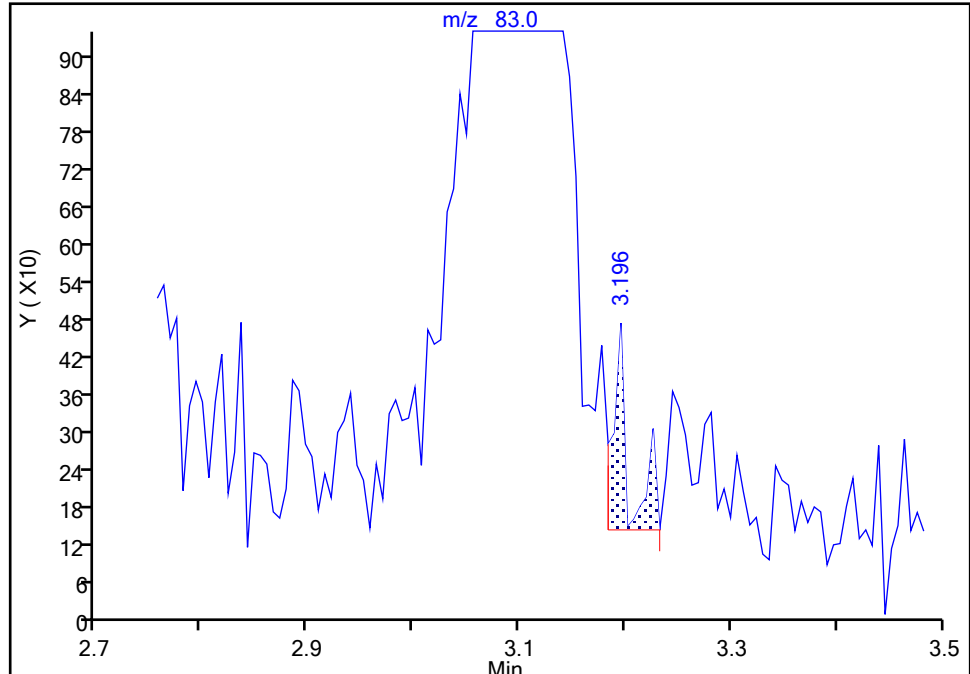
Detector: MS SCAN

171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

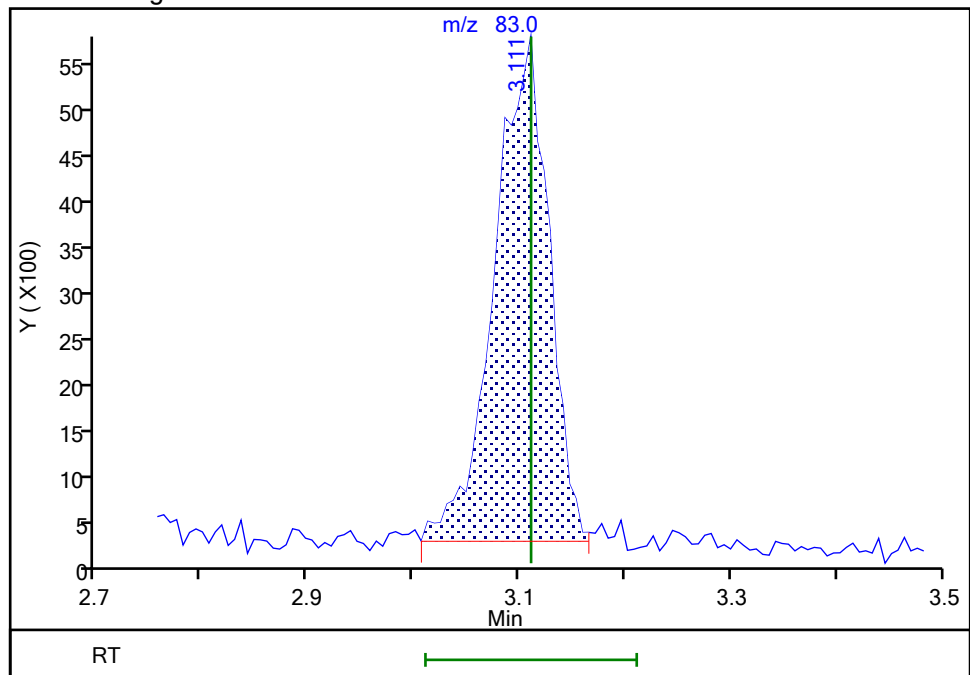
RT: 3.20
Area: 330
Amount: 0.097658
Amount Units: ug/l

Processing Integration Results



RT: 3.11
Area: 19784
Amount: 4.901815
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:00:36

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13131.D

Injection Date: 23-Dec-2021 16:50:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

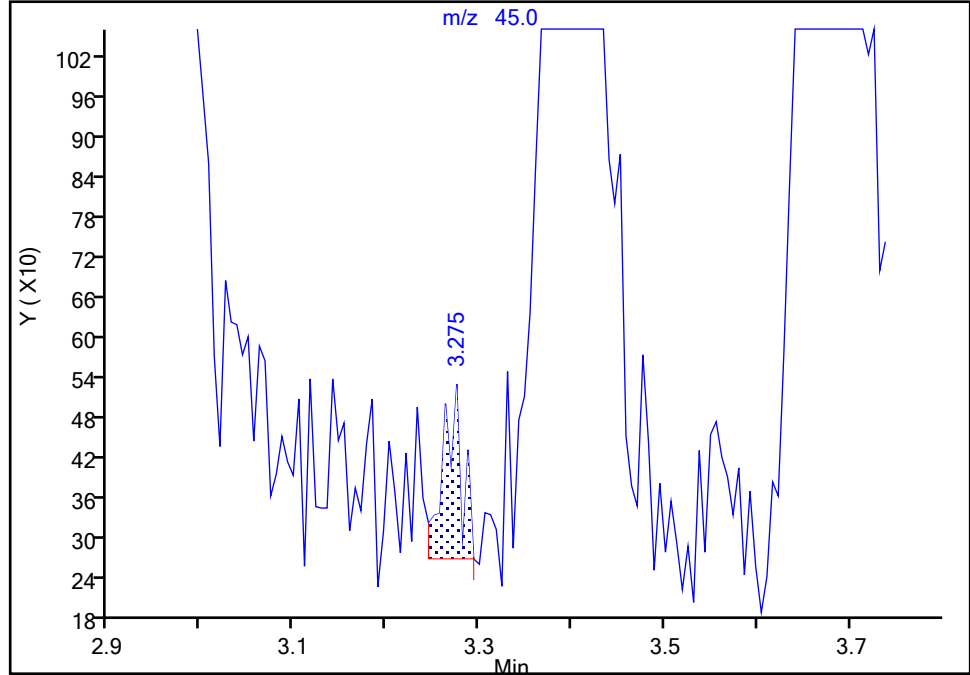
Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

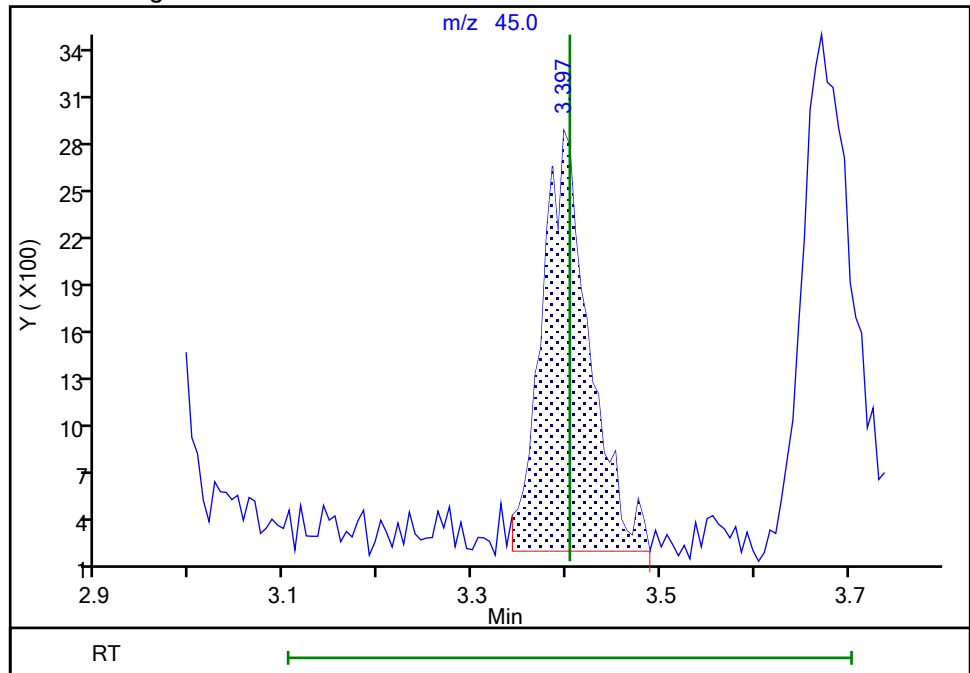
RT: 3.28
Area: 360
Amount: 2.307311
Amount Units: ug/l

Processing Integration Results



RT: 3.40
Area: 9220
Amount: 49.687672
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:00:44

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13132.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 23-Dec-2021 17:13:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0139544-006
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 23-Dec-2021 19:35:06 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: baronm

Date: 23-Dec-2021 18:26:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.678	1.678	0.000	63	21607	20.0	20.5	a
4 Dichlorodifluoromethane	85	1.721	1.721	0.000	98	85290	20.0	18.5	
165 Chlorodifluoromethane	51	1.739	1.739	0.000	97	61840	20.0	19.6	
6 Chloromethane	50	1.934	1.934	0.000	99	91216	20.0	19.1	
7 Vinyl chloride	62	2.044	2.044	0.000	77	93119	20.0	19.0	
172 Butadiene	39	2.050	2.050	0.000	98	107671	20.0	20.0	
9 Bromomethane	94	2.410	2.410	0.000	99	70474	20.0	18.7	
10 Chloroethane	64	2.483	2.483	0.000	100	61371	20.0	19.5	
174 Dichlorofluoromethane	67	2.715	2.715	0.000	97	114447	20.0	18.1	
12 Trichlorofluoromethane	101	2.727	2.727	0.000	59	104954	20.0	18.0	
13 Pentane	72	2.745	2.745	0.000	96	21916	40.0	36.4	
14 Ethanol	46	2.946	2.946	0.000	67	14850	800.0	855.9	a
15 Ethyl ether	59	2.977	2.977	0.000	95	46844	20.0	20.0	
16 2-Methyl-1,3-butadiene	53	3.001	3.001	0.000	97	54346	20.0	19.7	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.050	3.050	0.000	86	57154	20.0	21.4	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.111	3.111	0.000	91	90976	20.0	20.8	a
19 Acrolein	56	3.172	3.172	0.000	91	12634	40.6	40.7	
20 1,1,2,2-Tetrafluoroethane	101	3.190	3.190	0.000	98	69494	20.0	20.6	
21 1,1-Dichloroethene	96	3.214	3.214	0.000	98	61538	20.0	20.1	
22 Acetone	58	3.312	3.312	0.000	86	25398	100.0	94.0	
23 Iodomethane	142	3.385	3.385	0.000	98	113968	20.0	20.7	
24 Isopropyl alcohol	45	3.403	3.403	0.000	97	35944	200.0	189.5	
25 Carbon disulfide	76	3.416	3.416	0.000	100	210258	20.0	20.2	
161 3-Chloro-1-propene	76	3.562	3.562	0.000	32	36478	20.0	19.5	
27 Methyl acetate	43	3.568	3.568	0.000	99	80262	40.0	38.8	
166 Cyclopentene	67	3.580	3.580	0.000	94	147313	20.0	20.6	
29 Acetonitrile	41	3.635	3.635	0.000	97	60547	200.0	202.1	
* 30 TBA-d9 (IS)	65	3.684	3.684	0.000	91	264557	1000.0	1000.0	
31 Methylene Chloride	84	3.696	3.696	0.000	91	66206	20.0	20.5	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	96	60929	200.0	210.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.861	3.861	0.000	96	169530	20.0	20.5	
34 trans-1,2-Dichloroethene	96	3.885	3.885	0.000	94	63114	20.0	20.5	
35 Acrylonitrile	53	3.958	3.958	0.000	95	216026	200.0	206.0	
36 Hexane	43	4.031	4.031	0.000	93	56615	20.0	20.8	
37 Isopropyl ether	45	4.233	4.233	0.000	97	191085	20.0	20.3	
38 1,1-Dichloroethane	63	4.269	4.269	0.000	100	106144	20.0	20.2	
39 Vinyl acetate	86	4.269	4.269	0.000	99	27933	40.0	41.2	
40 2-Chloro-1,3-butadiene	88	4.312	4.312	0.000	93	54360	20.0	19.8	
41 Tert-butyl ethyl ether	59	4.519	4.519	0.000	90	173734	20.0	20.3	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	97	277857	250.0	250.0	
43 2,2-Dichloropropane	97	4.720	4.720	0.000	92	21141	20.0	20.8	
44 cis-1,2-Dichloroethene	96	4.732	4.732	0.000	98	68925	20.0	19.5	
46 Ethyl acetate	70	4.739	4.739	0.000	95	12802	40.0	41.2	
45 2-Butanone (MEK)	72	4.739	4.739	0.000	96	32395	100.0	95.1	
47 Methyl acrylate	55	4.787	4.787	0.000	99	47373	20.0	18.2	
48 Propionitrile	54	4.854	4.854	0.000	98	79660	200.0	201.0	
49 Tetrahydrofuran	72	4.921	4.921	0.000	65	15666	40.0	42.6	
50 Chlorobromomethane	128	4.928	4.928	0.000	78	33960	20.0	19.2	
51 Methacrylonitrile	67	4.946	4.946	0.000	92	237547	200.0	201.2	
52 Chloroform	83	4.964	4.964	0.000	98	102977	20.0	19.7	
53 Cyclohexane	56	5.086	5.086	0.000	91	115184	20.0	20.2	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.092	0.000	98	149393	50.0	49.8	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	68	98780	20.0	20.0	
56 Carbon tetrachloride	117	5.190	5.190	0.000	96	85526	20.0	20.0	
57 1,1-Dichloropropene	75	5.208	5.208	0.000	94	81292	20.0	20.0	
58 Isobutyl alcohol	43	5.275	5.275	0.000	97	61107	500.0	478.8	
59 Isooctane	57	5.336	5.336	0.000	97	225633	20.0	19.9	
60 Benzene	78	5.373	5.373	0.000	96	232895	20.0	20.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.379	0.000	88	166980	50.0	47.2	
62 Isopropyl acetate	61	5.385	5.385	0.000	91	24172	20.0	22.5	
63 Tert-amyl methyl ether	87	5.409	5.409	0.000	92	55268	20.0	19.9	
64 1,2-Dichloroethane	62	5.440	5.440	0.000	97	77267	20.0	20.0	
65 n-Heptane	71	5.470	5.470	0.000	92	55187	20.0	20.5	
* 66 Fluorobenzene	96	5.598	5.598	0.000	99	531801	50.0	50.0	
67 n-Butanol	56	5.799	5.799	0.000	90	39061	500.0	497.1	
68 Trichloroethene	95	5.885	5.885	0.000	97	61081	20.0	19.8	
69 Ethyl acrylate	99	5.964	5.964	0.000	99	7118	20.0	22.9	
70 Methylcyclohexane	83	6.001	6.001	0.000	94	117076	20.0	19.8	
71 1,2-Dichloropropane	63	6.135	6.135	0.000	90	57386	20.0	20.2	
* 73 1,4-Dioxane-d8	96	6.165	6.165	0.000	97	28874	1000.0	1000.0	
72 Methyl methacrylate	69	6.171	6.171	0.000	88	72835	40.0	40.7	
74 n-Propyl acetate	43	6.208	6.208	0.000	99	77604	20.0	20.2	
75 1,4-Dioxane	88	6.214	6.214	0.000	28	13635	400.0	423.7	
76 Dibromomethane	93	6.250	6.250	0.000	96	37388	20.0	19.6	
77 Dichlorobromomethane	83	6.372	6.372	0.000	99	71202	20.0	19.8	
78 2-Chloroethyl vinyl ether	63	6.641	6.641	0.000	96	34562	20.0	20.0	
79 2-Nitropropane	41	6.653	6.653	0.000	97	29189	40.0	35.1	
80 Epichlorohydrin	57	6.738	6.738	0.000	99	104039	400.0	405.6	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	94	89474	20.0	20.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.891	6.891	0.000	97	261921	100.0	102.6	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	99	540279	50.0	50.8	
84 Toluene	91	7.025	7.025	0.000	93	243817	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 Ethyl methacrylate	69	7.238	7.238	0.000	82	70285	20.0	19.7	
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	97	80253	20.0	19.9	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	94	41227	20.0	20.2	
88 Tetrachloroethene	166	7.421	7.421	0.000	97	64178	20.0	20.4	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	95	79453	20.0	19.9	
90 2-Hexanone	58	7.525	7.525	0.000	97	87202	100.0	99.7	
91 n-Butyl acetate	73	7.573	7.573	0.000	98	14222	20.0	19.2	
92 Chlorodibromomethane	129	7.653	7.653	0.000	97	51467	20.0	19.4	
93 Ethylene Dibromide	107	7.750	7.750	0.000	100	50769	20.0	20.3	
* 94 Chlorobenzene-d5	117	8.031	8.031	0.000	85	385835	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	95	157312	20.0	20.9	
96 Ethylbenzene	106	8.085	8.085	0.000	98	87880	20.0	19.9	
97 1,1,1,2-Tetrachloroethane	131	8.098	8.098	0.000	94	62123	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.159	8.159	0.000	98	106516	20.0	20.0	
99 n-Butyl acrylate	73	8.360	8.360	0.000	97	40085	20.0	20.6	
100 o-Xylene	106	8.409	8.409	0.000	94	110963	20.0	20.4	
101 Styrene	104	8.427	8.427	0.000	95	177022	20.0	20.9	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	90	98596	20.0	19.9	
103 Bromoform	173	8.567	8.567	0.000	97	35205	20.0	19.3	
104 Isopropylbenzene	105	8.616	8.616	0.000	96	292380	20.0	21.6	
\$ 105 4-Bromofluorobenzene	174	8.744	8.744	0.000	97	183127	50.0	51.4	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.823	0.000	97	67000	20.0	19.9	
107 Bromobenzene	156	8.829	8.829	0.000	95	71062	20.0	19.8	
108 N-Propylbenzene	91	8.848	8.848	0.000	100	335769	20.0	21.7	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.860	0.000	68	12108	20.0	15.9	
110 1,2,3-Trichloropropane	110	8.866	8.866	0.000	93	20676	20.0	19.8	
169 4-Ethyltoluene	105	8.909	8.909	0.000	0	282067	20.0	21.6	
112 2-Chlorotoluene	91	8.927	8.927	0.000	97	250262	20.0	20.9	
113 1,3,5-Trimethylbenzene	105	8.945	8.945	0.000	93	250968	20.0	21.2	
114 Butyl Methacrylate	87	8.969	8.969	0.000	91	81883	20.0	20.0	
115 4-Chlorotoluene	91	8.988	8.988	0.000	97	194833	20.0	20.8	
116 tert-Butylbenzene	119	9.128	9.128	0.000	95	212171	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	9.158	9.158	0.000	97	251327	20.0	21.3	
118 sec-Butylbenzene	134	9.250	9.250	0.000	98	71394	20.0	18.6	
119 4-Isopropyltoluene	119	9.329	9.329	0.000	97	286697	20.0	20.9	
120 1,3-Dichlorobenzene	146	9.360	9.360	0.000	96	143873	20.0	21.0	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.396	0.000	95	230087	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.415	9.415	0.000	93	142446	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	9.415	9.415	0.000	97	272218	20.0	21.0	
124 Benzyl chloride	91	9.494	9.494	0.000	99	131417	20.0	21.2	
162 2,3-Dihydroindene	117	9.549	9.549	0.000	42	280163	20.0	21.1	
164 p-Diethylbenzene	119	9.555	9.555	0.000	93	161889	20.0	20.3	
127 n-Butylbenzene	92	9.573	9.573	0.000	97	145243	20.0	20.1	
128 1,2-Dichlorobenzene	146	9.652	9.652	0.000	97	141630	20.0	20.7	
163 1,2,4,5-Tetramethylbenzene	119	10.073	10.073	0.000	0	277914	20.0	21.2	
130 1,2-Dibromo-3-Chloropropane	157	10.189	10.183	0.006	93	16794	20.0	19.8	
131 1,3,5-Trichlorobenzene	180	10.286	10.286	0.000	97	127272	20.0	21.0	
132 1,2,4-Trichlorobenzene	180	10.811	10.811	0.000	94	114999	20.0	20.7	
133 Hexachlorobutadiene	225	10.884	10.884	0.000	97	58831	20.0	20.7	
134 Naphthalene	128	11.061	11.061	0.000	99	251055	20.0	21.0	
135 1,2,3-Trichlorobenzene	180	11.286	11.286	0.000	96	103288	20.0	20.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		40.0	40.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00134	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00148	Amount Added: 20.00	Units: uL	
GASES Li_00455	Amount Added: 20.00	Units: uL	
524freon_00046	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13132.D

Injection Date: 23-Dec-2021 17:13:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

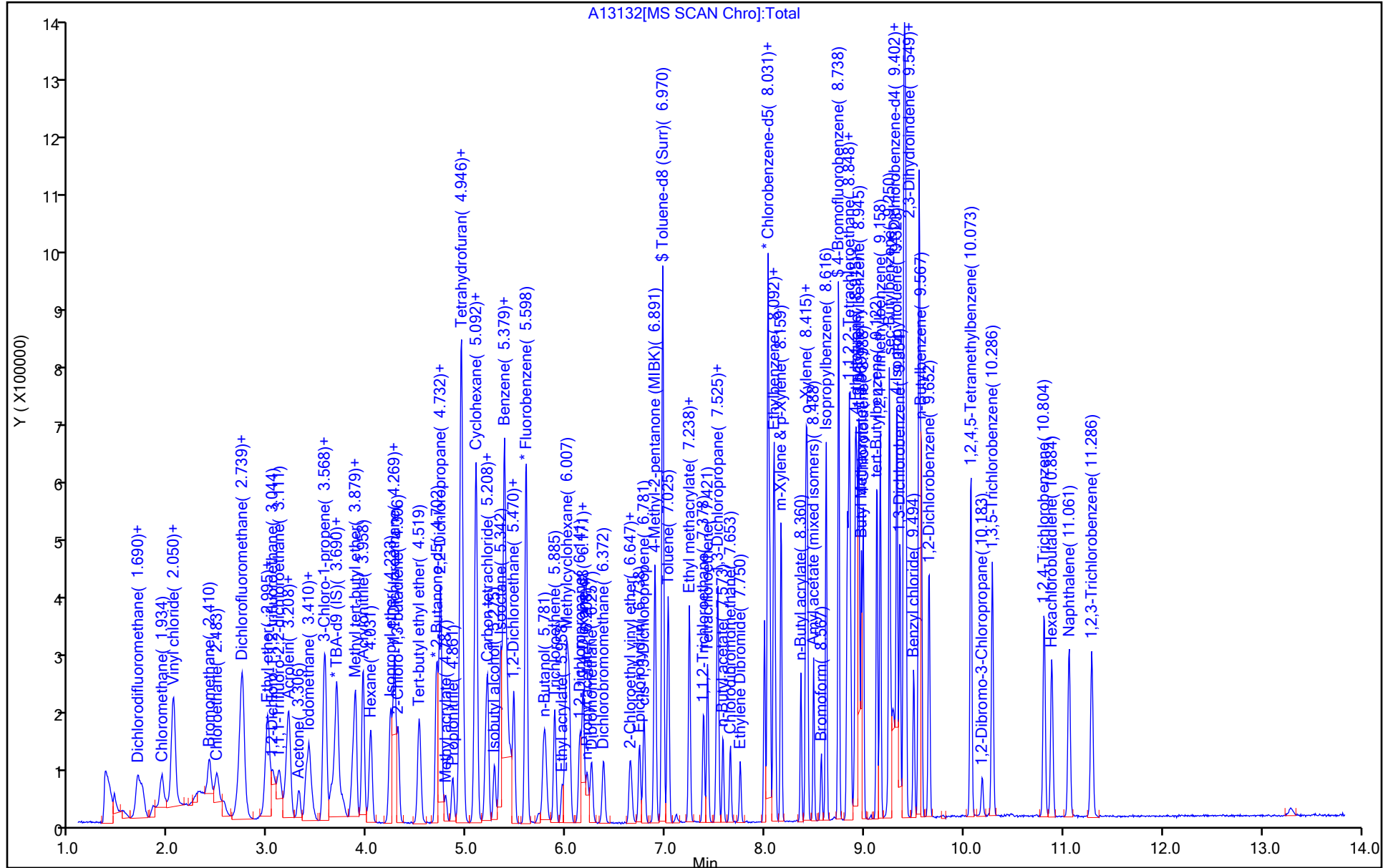
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13132.D

Injection Date: 23-Dec-2021 17:13:30

Instrument ID: CVOAMS1

Lims ID: STD20

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

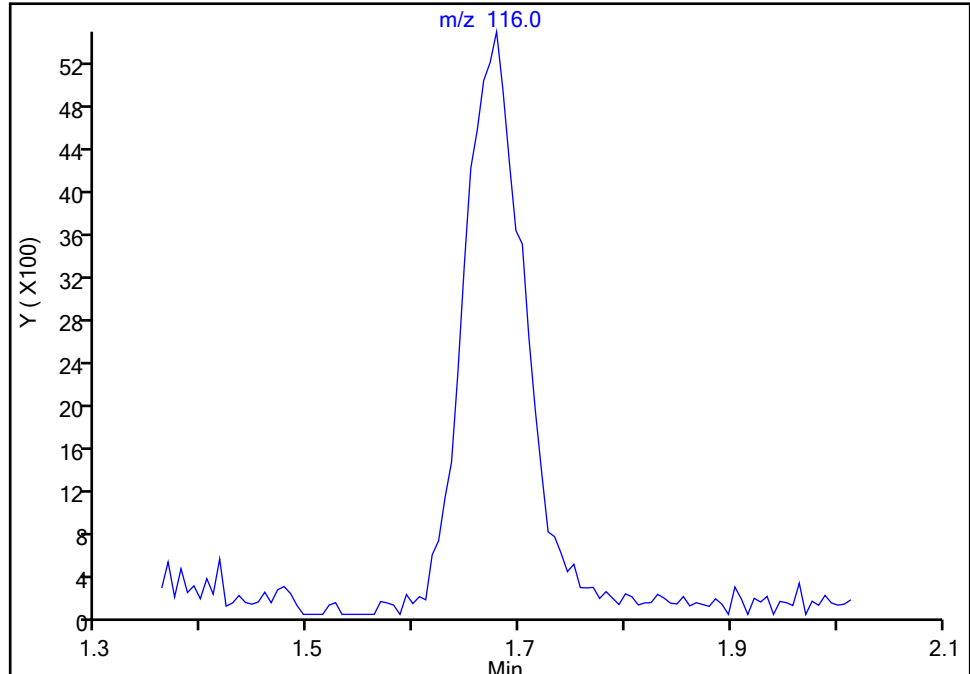
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

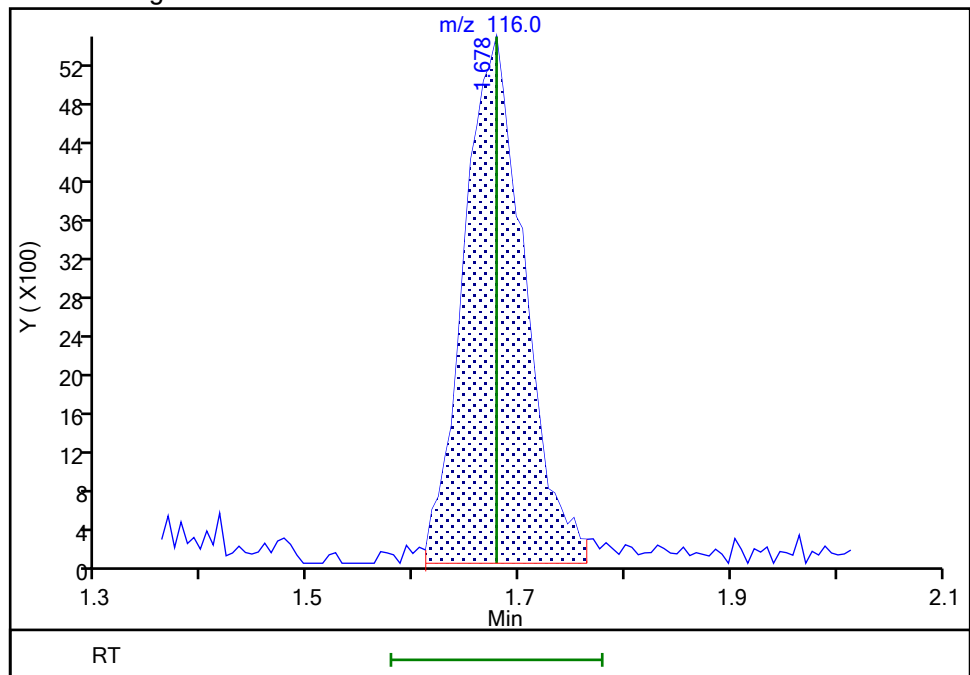
Not Detected

Expected RT: 1.68

Processing Integration Results



Manual Integration Results



RT: 1.68
Area: 21607
Amount: 20.468791
Amount Units: ug/l

Reviewer: baronm, 23-Dec-2021 19:02:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13132.D

Injection Date: 23-Dec-2021 17:13:30

Instrument ID: CVOAMS1

Lims ID: STD20

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

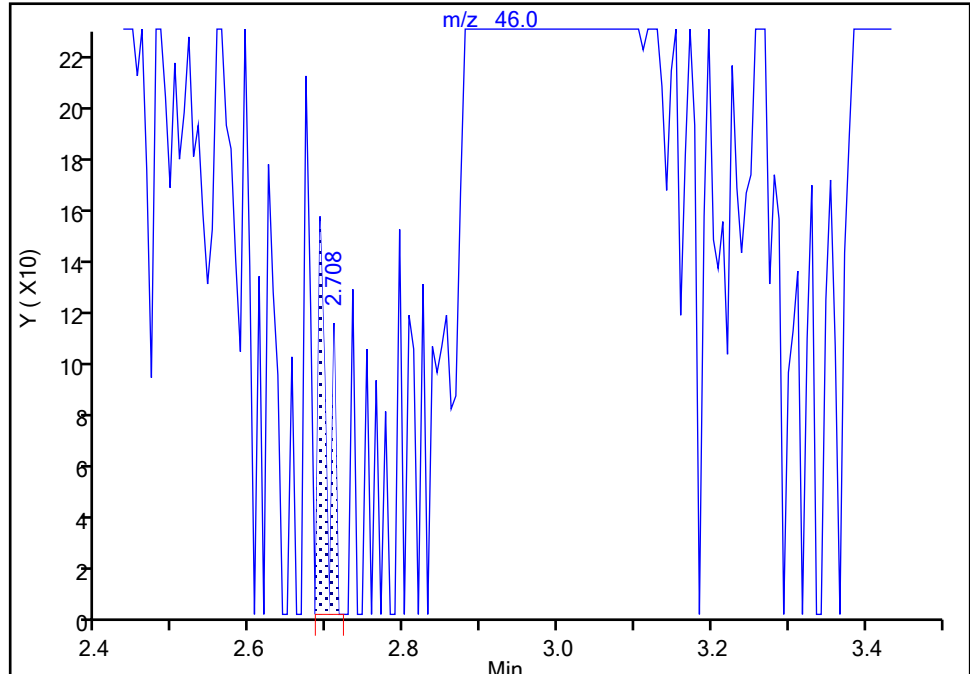
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

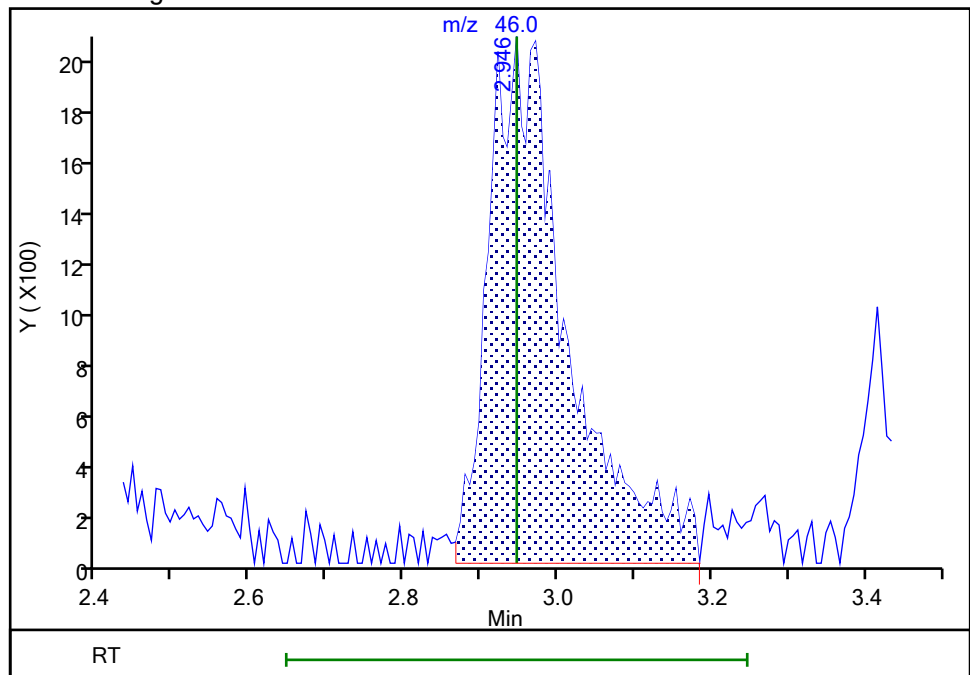
RT: 2.71
Area: 131
Amount: 17.834030
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 14850
Amount: 855.9092
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:02:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13132.D

Injection Date: 23-Dec-2021 17:13:30

Instrument ID: CVOAMS1

Lims ID: STD20

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

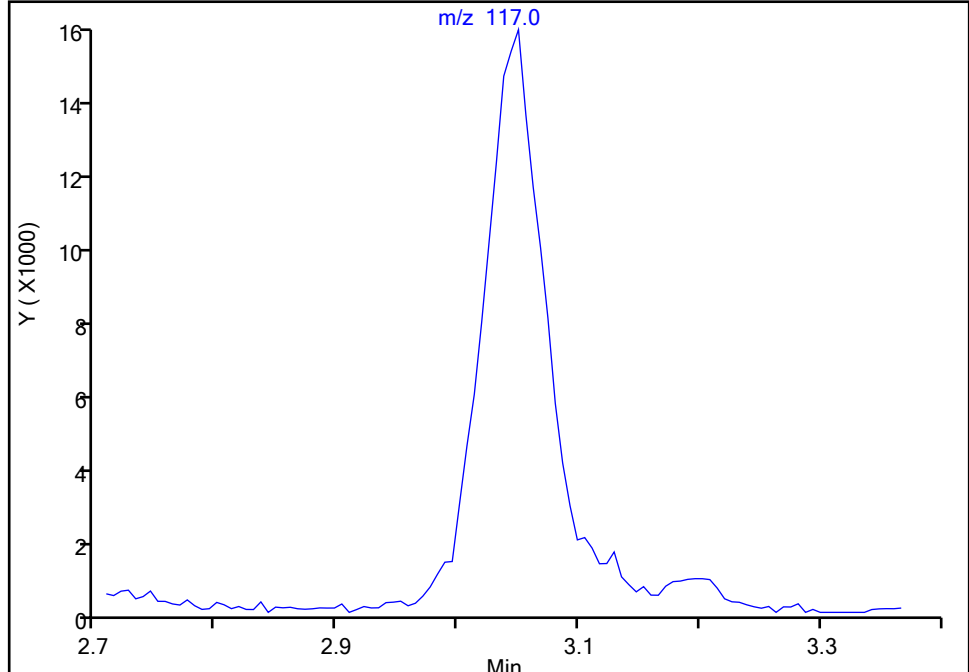
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

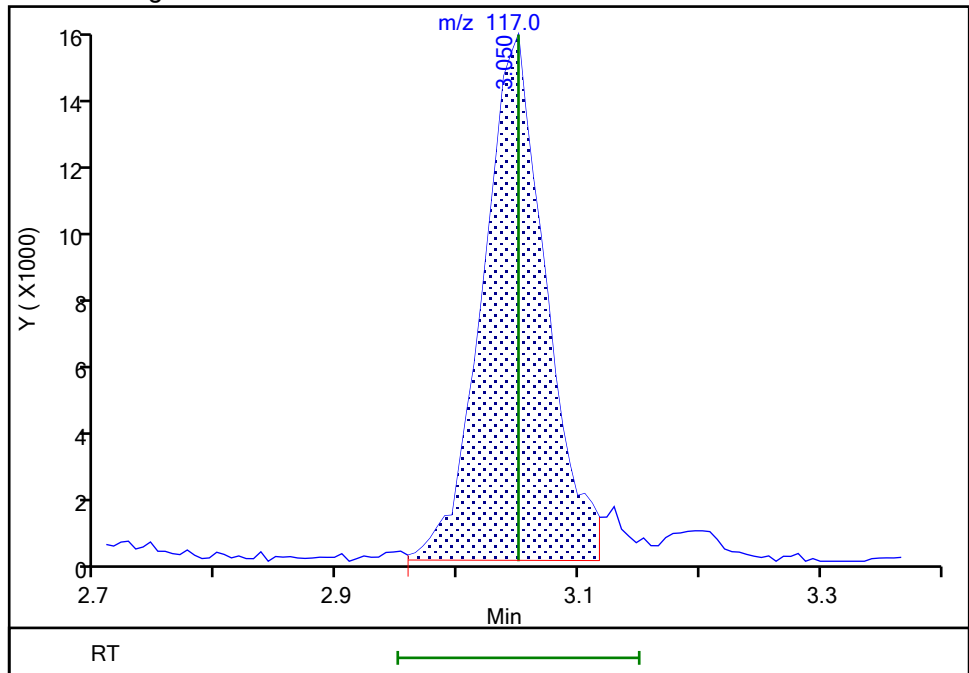
Not Detected

Expected RT: 3.05

Processing Integration Results



Manual Integration Results

RT: 3.05
Area: 57154
Amount: 21.393692
Amount Units: ug/l

Reviewer: baronm, 23-Dec-2021 19:02:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13132.D

Injection Date: 23-Dec-2021 17:13:30

Instrument ID: CVOAMS1

Lims ID: STD20

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

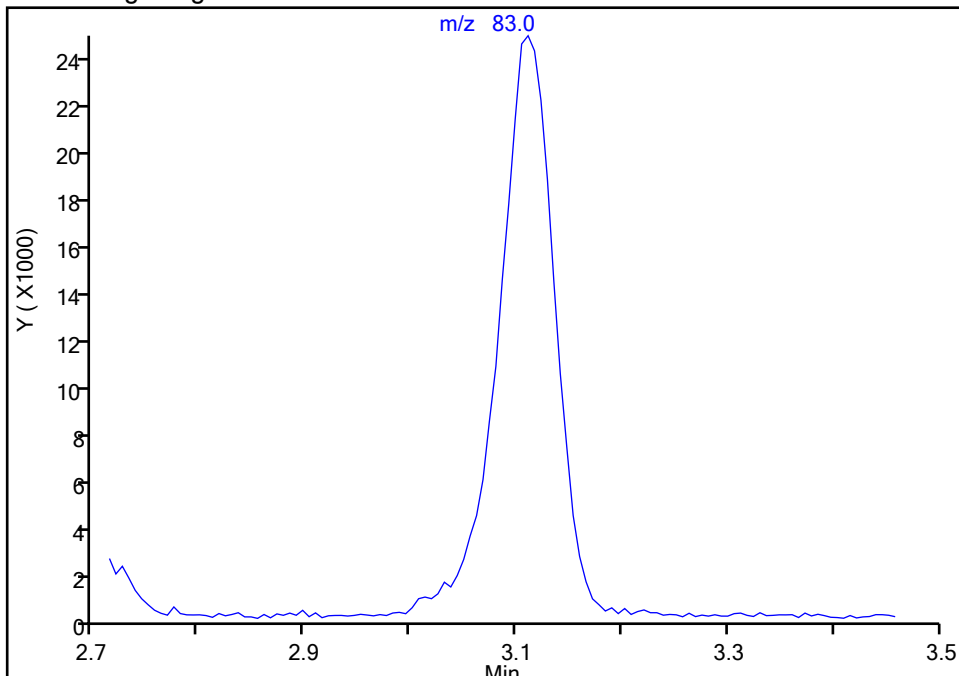
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

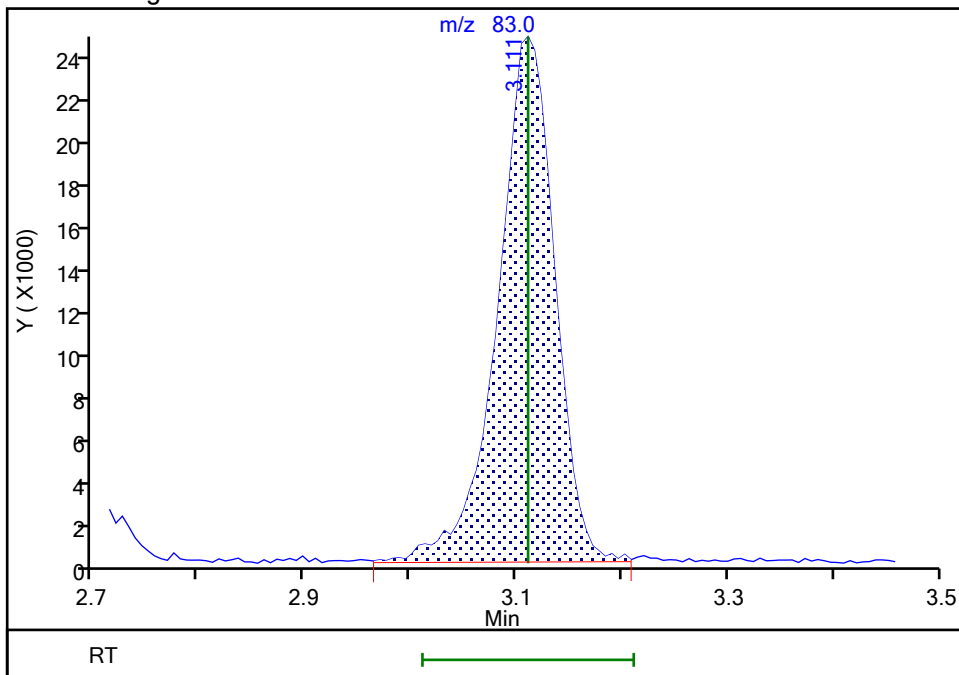
Not Detected

Expected RT: 3.11

Processing Integration Results



Manual Integration Results

RT: 3.11
Area: 90976
Amount: 20.828559
Amount Units: ug/l

Reviewer: baronm, 23-Dec-2021 19:02:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13133.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 23-Dec-2021 17:36:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0139544-007
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 23-Dec-2021 19:35:11 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: baronm

Date: 23-Dec-2021 18:27:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.666	1.666	0.000	87	55952	50.0	53.9	a
4 Dichlorodifluoromethane	85	1.715	1.715	0.000	0	228427	50.0	50.4	
165 Chlorodifluoromethane	51	1.733	1.733	0.000	0	173010	50.0	55.9	
6 Chloromethane	50	1.928	1.928	0.000	0	229223	50.0	48.9	
7 Vinyl chloride	62	2.038	2.038	0.000	0	240763	50.0	49.9	
172 Butadiene	39	2.044	2.044	0.000	0	269523	50.0	51.0	
9 Bromomethane	94	2.404	2.404	0.000	0	204462	50.0	55.2	
10 Chloroethane	64	2.483	2.483	0.000	0	158978	50.0	51.3	
174 Dichlorofluoromethane	67	2.714	2.714	0.000	0	303721	50.0	49.0	
12 Trichlorofluoromethane	101	2.721	2.721	0.000	0	283972	50.0	49.5	
13 Pentane	72	2.733	2.733	0.000	0	55463	100.0	91.7	
14 Ethanol	46	2.952	2.952	0.000	68	34240	2000.0	1965.8	a
15 Ethyl ether	59	2.971	2.971	0.000	0	115184	50.0	50.1	
16 2-Methyl-1,3-butadiene	53	2.995	2.995	0.000	0	138409	50.0	51.0	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.044	3.044	0.000	82	133062	50.0	50.7	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.111	3.111	0.000	92	216981	50.0	50.5	a
19 Acrolein	56	3.178	3.178	0.000	0	29817	101.4	95.8	
20 1,1,2,2-TCTFE	101	3.190	3.190	0.000	0	169635	50.0	51.1	
21 1,1-Dichloroethene	96	3.208	3.208	0.000	0	150390	50.0	49.9	
22 Acetone	58	3.306	3.306	0.000	0	64624	250.0	243.2	
23 Iodomethane	142	3.379	3.379	0.000	0	283801	50.0	52.4	
24 Isopropyl alcohol	45	3.403	3.403	0.000	0	96172	500.0	505.0	
25 Carbon disulfide	76	3.409	3.409	0.000	0	531814	50.0	52.1	
161 3-Chloro-1-propene	76	3.556	3.556	0.000	0	90744	50.0	49.4	
27 Methyl acetate	43	3.568	3.568	0.000	0	202025	100.0	99.2	
166 Cyclopentene	67	3.574	3.574	0.000	0	361293	50.0	51.5	
29 Acetonitrile	41	3.629	3.629	0.000	0	170656	500.0	567.3	
* 30 TBA-d9 (IS)	65	3.684	3.684	0.000	0	265594	1000.0	1000.0	
31 Methylene Chloride	84	3.690	3.690	0.000	0	166269	50.0	52.4	
32 2-Methyl-2-propanol	59	3.751	3.751	0.000	0	153603	500.0	529.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.861	3.861	0.000	0	426260	50.0	52.4	
34 trans-1,2-Dichloroethene	96	3.879	3.879	0.000	0	157802	50.0	52.0	
35 Acrylonitrile	53	3.952	3.952	0.000	0	536036	500.0	520.1	
36 Hexane	43	4.031	4.031	0.000	0	135352	50.0	50.6	
37 Isopropyl ether	45	4.232	4.232	0.000	0	474477	50.0	51.2	
38 1,1-Dichloroethane	63	4.263	4.263	0.000	0	265799	50.0	51.4	
39 Vinyl acetate	86	4.269	4.269	0.000	0	66349	100.0	97.5	
40 2-Chloro-1,3-butadiene	88	4.306	4.306	0.000	0	138557	50.0	51.3	
41 Tert-butyl ethyl ether	59	4.519	4.519	0.000	0	438539	50.0	52.1	
* 42 2-Butanone-d5	46	4.696	4.696	0.000	0	273169	250.0	250.0	
43 2,2-Dichloropropane	97	4.720	4.720	0.000	0	53050	50.0	53.1	
44 cis-1,2-Dichloroethene	96	4.732	4.732	0.000	0	167902	50.0	48.4	
46 Ethyl acetate	70	4.738	4.738	0.000	0	29751	100.0	97.3	
45 2-Butanone (MEK)	72	4.738	4.738	0.000	0	80377	250.0	240.0	
47 Methyl acrylate	55	4.787	4.787	0.000	0	122044	50.0	47.6	
48 Propionitrile	54	4.854	4.854	0.000	0	199200	500.0	500.6	
49 Tetrahydrofuran	72	4.921	4.921	0.000	0	38004	100.0	104.9	
50 Chlorobromomethane	128	4.927	4.927	0.000	0	86948	50.0	50.1	
51 Methacrylonitrile	67	4.946	4.946	0.000	0	587539	500.0	506.4	
52 Chloroform	83	4.964	4.964	0.000	0	258152	50.0	50.2	
53 Cyclohexane	56	5.086	5.086	0.000	0	285317	50.0	51.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.092	0.000	0	144990	50.0	49.1	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	0	248929	50.0	51.1	
56 Carbon tetrachloride	117	5.190	5.190	0.000	0	213988	50.0	50.8	
57 1,1-Dichloropropene	75	5.208	5.208	0.000	0	202846	50.0	50.9	
58 Isobutyl alcohol	43	5.275	5.275	0.000	0	156528	1250.0	1221.6	
59 Isooctane	57	5.342	5.342	0.000	0	584118	50.0	52.4	
60 Benzene	78	5.372	5.372	0.000	0	579216	50.0	51.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.379	0.000	0	164417	50.0	47.3	
62 Isopropyl acetate	61	5.385	5.385	0.000	0	57837	50.0	54.3	
63 Tert-amyl methyl ether	87	5.403	5.403	0.000	0	138303	50.0	50.7	
64 1,2-Dichloroethane	62	5.440	5.440	0.000	0	191330	50.0	50.3	
65 n-Heptane	71	5.470	5.470	0.000	0	136961	50.0	51.8	
* 66 Fluorobenzene	96	5.592	5.592	0.000	0	522729	50.0	50.0	
67 n-Butanol	56	5.799	5.799	0.000	0	98603	1250.0	1249.8	
68 Trichloroethene	95	5.885	5.885	0.000	0	151178	50.0	50.0	
69 Ethyl acrylate	99	5.958	5.958	0.000	0	14433	50.0	48.1	
70 Methylcyclohexane	83	6.000	6.000	0.000	0	300474	50.0	51.6	
71 1,2-Dichloropropane	63	6.135	6.135	0.000	0	141211	50.0	50.6	
* 73 1,4-Dioxane-d8	96	6.165	6.165	0.000	0	29377	1000.0	1000.0	
72 Methyl methacrylate	69	6.171	6.171	0.000	0	185359	100.0	105.5	
74 n-Propyl acetate	43	6.208	6.208	0.000	0	191592	50.0	50.6	
75 1,4-Dioxane	88	6.220	6.220	0.000	0	33900	1000.0	1035.3	
76 Dibromomethane	93	6.250	6.250	0.000	0	90747	50.0	48.4	
77 Dichlorobromomethane	83	6.372	6.372	0.000	0	180991	50.0	51.3	
78 2-Chloroethyl vinyl ether	63	6.641	6.641	0.000	0	86107	50.1	50.8	
79 2-Nitropropane	41	6.653	6.653	0.000	0	72039	100.0	88.0	
80 Epichlorohydrin	57	6.738	6.738	0.000	0	264154	1000.0	1047.5	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	0	224019	50.0	51.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.890	6.890	0.000	0	666760	250.0	265.6	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	0	527253	50.0	49.9	
84 Toluene	91	7.025	7.025	0.000	0	605744	50.0	52.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.238	7.238	0.000	0	175484	50.0	50.1	
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	0	203595	50.0	50.8	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	0	101370	50.0	50.1	
88 Tetrachloroethene	166	7.421	7.421	0.000	0	163959	50.0	52.5	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	0	200251	50.0	50.6	
90 2-Hexanone	58	7.525	7.525	0.000	0	224165	250.0	260.7	
91 n-Butyl acetate	73	7.573	7.573	0.000	0	35024	50.0	47.7	
92 Chlorodibromomethane	129	7.653	7.653	0.000	0	132930	50.0	50.5	
93 Ethylene Dibromide	107	7.750	7.750	0.000	0	127708	50.0	51.4	
* 94 Chlorobenzene-d5	117	8.031	8.031	0.000	0	383279	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	0	391967	50.0	52.4	
96 Ethylbenzene	106	8.085	8.085	0.000	0	220948	50.0	50.4	
97 1,1,1,2-Tetrachloroethane	131	8.098	8.098	0.000	0	159661	50.0	51.8	
98 m-Xylene & p-Xylene	106	8.159	8.159	0.000	0	271959	50.0	51.5	
99 n-Butyl acrylate	73	8.360	8.360	0.000	0	98902	50.0	51.2	
100 o-Xylene	106	8.415	8.415	0.000	0	281520	50.0	52.1	
101 Styrene	104	8.427	8.427	0.000	0	442091	50.0	52.7	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	0	245960	50.0	50.8	
103 Bromoform	173	8.567	8.567	0.000	0	91432	50.0	50.6	
104 Isopropylbenzene	105	8.616	8.616	0.000	0	738412	50.0	55.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	0	176321	50.0	49.8	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.823	0.000	0	169848	50.0	51.6	
107 Bromobenzene	156	8.835	8.835	0.000	0	179040	50.0	51.0	
108 N-Propylbenzene	91	8.847	8.847	0.000	0	839647	50.0	55.6	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.860	0.000	0	36191	50.0	47.4	
110 1,2,3-Trichloropropane	110	8.866	8.866	0.000	0	50965	50.0	49.9	
169 4-Ethyltoluene	105	8.908	8.908	0.000	0	703236	50.0	54.9	
112 2-Chlorotoluene	91	8.927	8.927	0.000	0	633293	50.0	54.1	
113 1,3,5-Trimethylbenzene	105	8.945	8.945	0.000	0	634866	50.0	54.7	
114 Butyl Methacrylate	87	8.969	8.969	0.000	0	208775	50.0	52.0	
115 4-Chlorotoluene	91	8.988	8.988	0.000	0	489549	50.0	53.4	
116 tert-Butylbenzene	119	9.122	9.122	0.000	0	539917	50.0	54.9	
117 1,2,4-Trimethylbenzene	105	9.158	9.158	0.000	0	638962	50.0	55.2	
118 sec-Butylbenzene	134	9.250	9.250	0.000	0	180151	50.0	47.9	
119 4-Isopropyltoluene	119	9.323	9.323	0.000	0	729740	50.0	54.2	
120 1,3-Dichlorobenzene	146	9.353	9.353	0.000	0	354150	50.0	52.7	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.396	0.000	0	225246	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.414	9.414	0.000	0	359095	50.0	51.5	
123 1,2,3-Trimethylbenzene	105	9.414	9.414	0.000	0	690561	50.0	54.5	
124 Benzyl chloride	91	9.494	9.494	0.000	0	327887	50.0	53.9	
162 2,3-Dihydroindene	117	9.549	9.549	0.000	0	703803	50.0	54.1	
164 p-Diethylbenzene	119	9.555	9.555	0.000	0	413068	50.0	52.8	
127 n-Butylbenzene	92	9.573	9.573	0.000	0	373619	50.0	52.7	
128 1,2-Dichlorobenzene	146	9.652	9.652	0.000	0	356092	50.0	53.3	
163 1,2,4,5-Tetramethylbenzene	119	10.073	10.073	0.000	0	710412	50.0	55.3	
130 1,2-Dibromo-3-Chloropropane	157	10.183	10.183	0.000	0	42660	50.0	51.3	
131 1,3,5-Trichlorobenzene	180	10.286	10.286	0.000	0	323104	50.0	54.4	
132 1,2,4-Trichlorobenzene	180	10.810	10.810	0.000	0	299392	50.0	55.1	
133 Hexachlorobutadiene	225	10.884	10.884	0.000	0	152072	50.0	54.7	
134 Naphthalene	128	11.060	11.060	0.000	0	638781	50.0	54.6	
135 1,2,3-Trichlorobenzene	180	11.286	11.286	0.000	0	269587	50.0	55.2	
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		100.0	103.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00134	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00148	Amount Added: 50.00	Units: uL	
GASES Li_00455	Amount Added: 50.00	Units: uL	
524freon_00046	Amount Added: 50.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13133.D

Injection Date: 23-Dec-2021 17:36:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

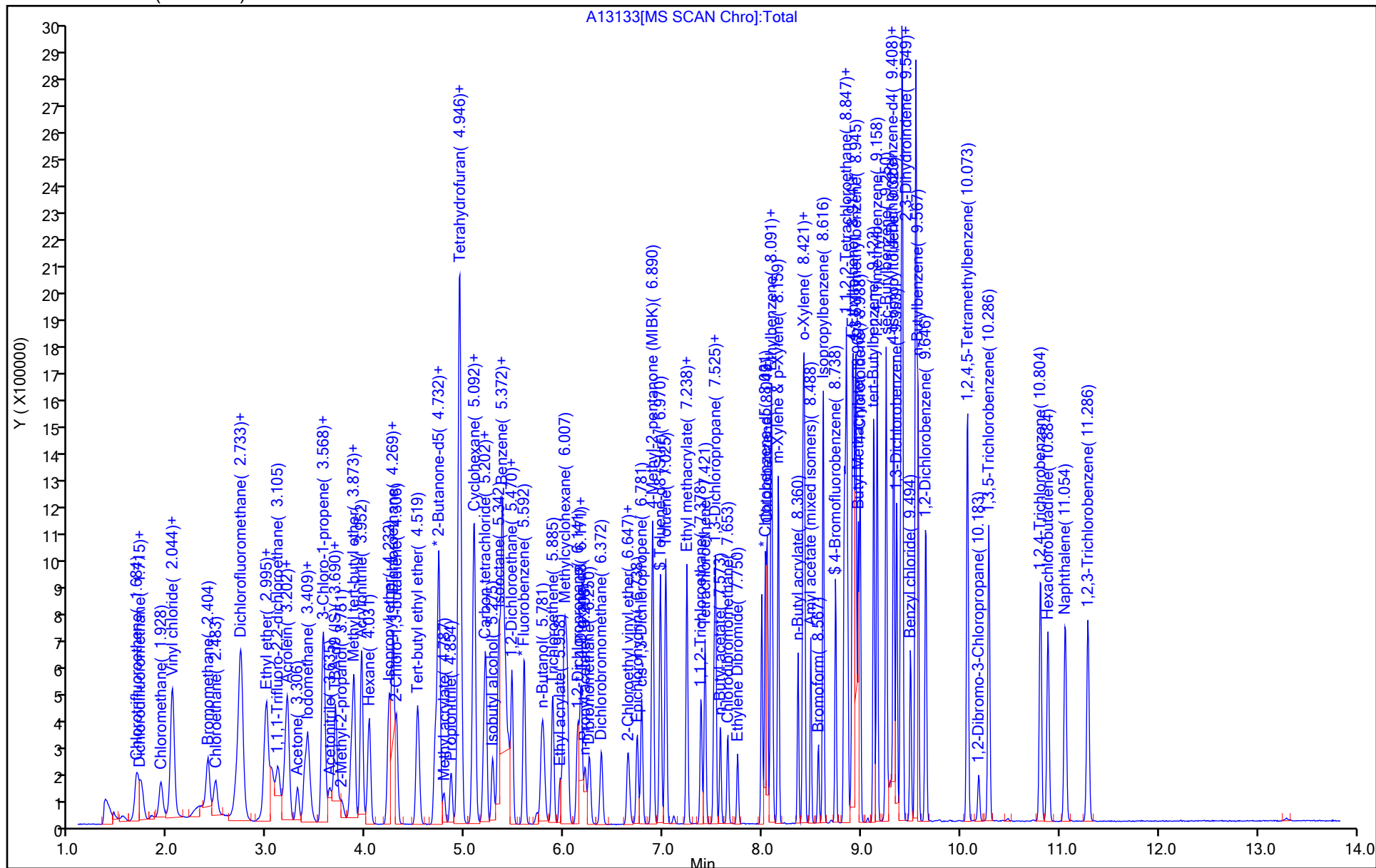
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13133.D

Injection Date: 23-Dec-2021 17:36:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

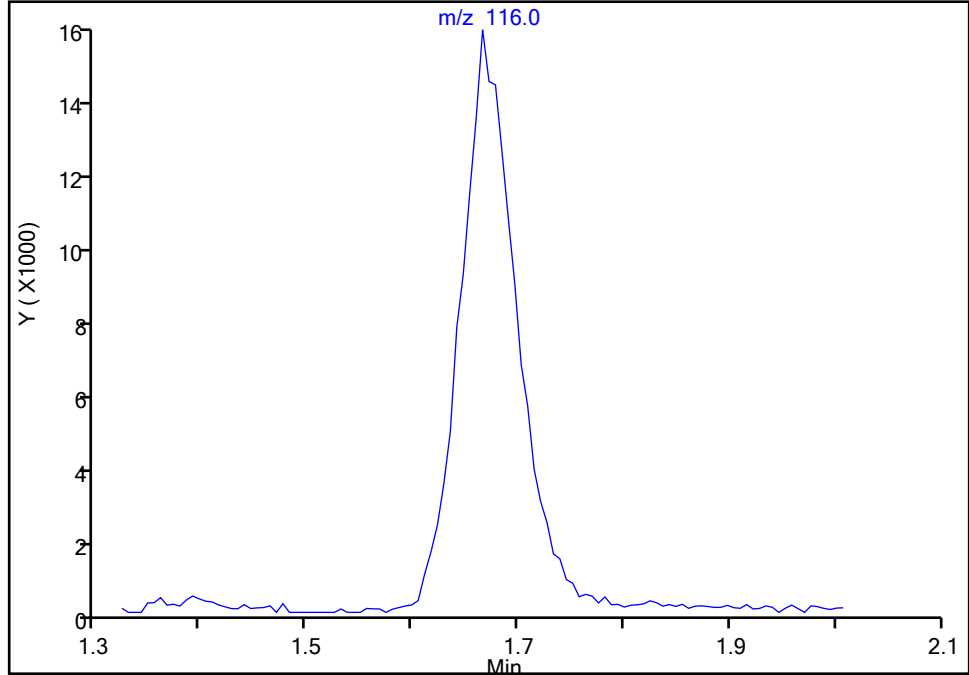
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

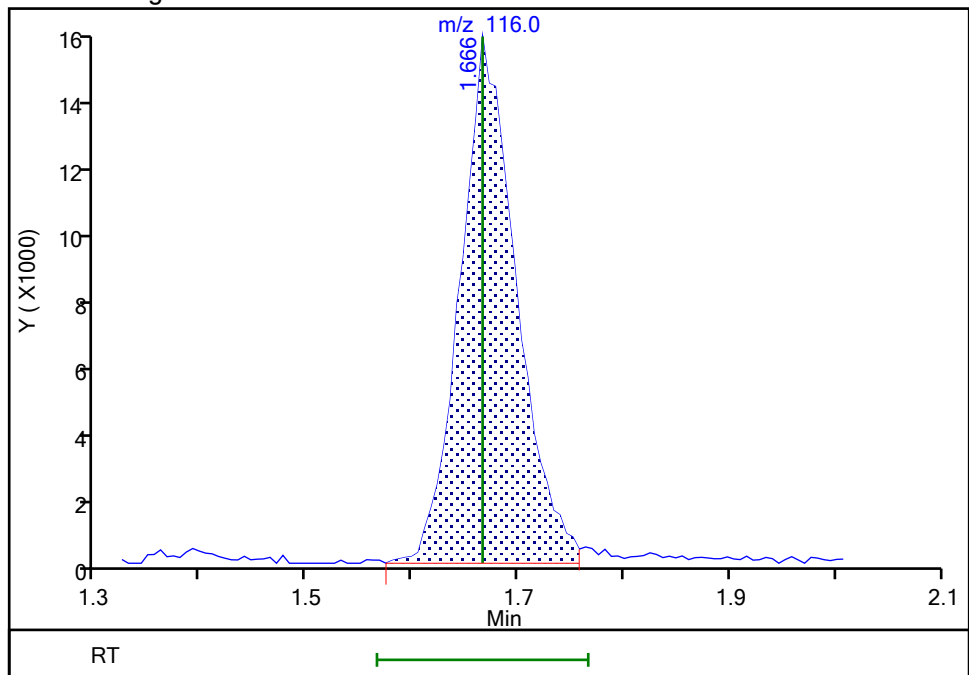
Not Detected

Expected RT: 1.67

Processing Integration Results



Manual Integration Results



RT: 1.67
Area: 55952
Amount: 53.924472
Amount Units: ug/l

Reviewer: baronm, 23-Dec-2021 18:26:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13133.D

Injection Date: 23-Dec-2021 17:36:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

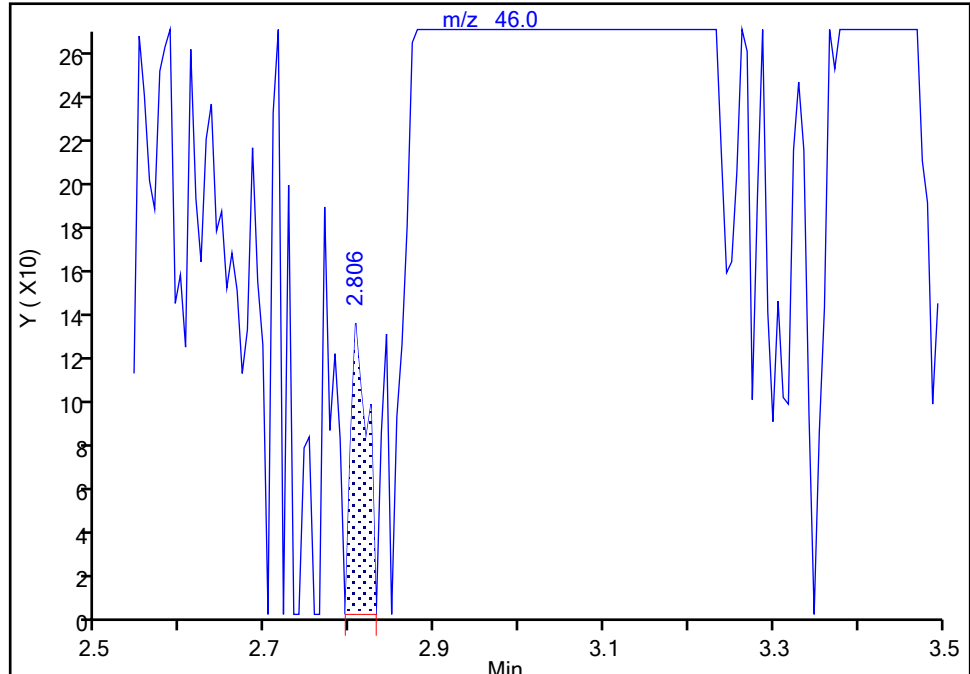
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

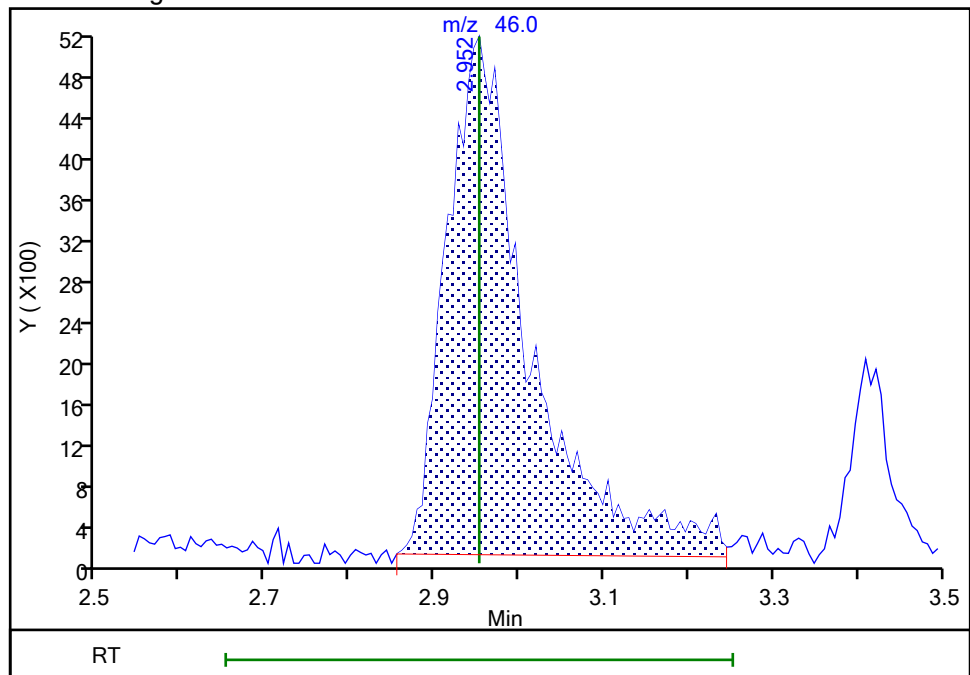
RT: 2.81
Area: 180
Amount: 17.220302
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 34240
Amount: 1965.7849
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:03:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13133.D

Injection Date: 23-Dec-2021 17:36:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

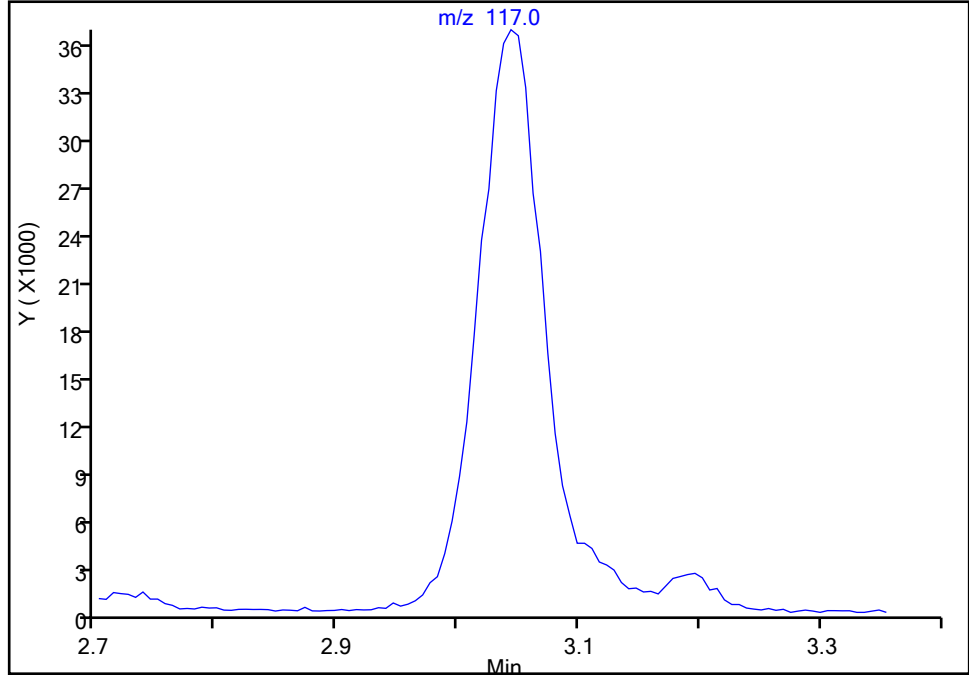
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

Not Detected

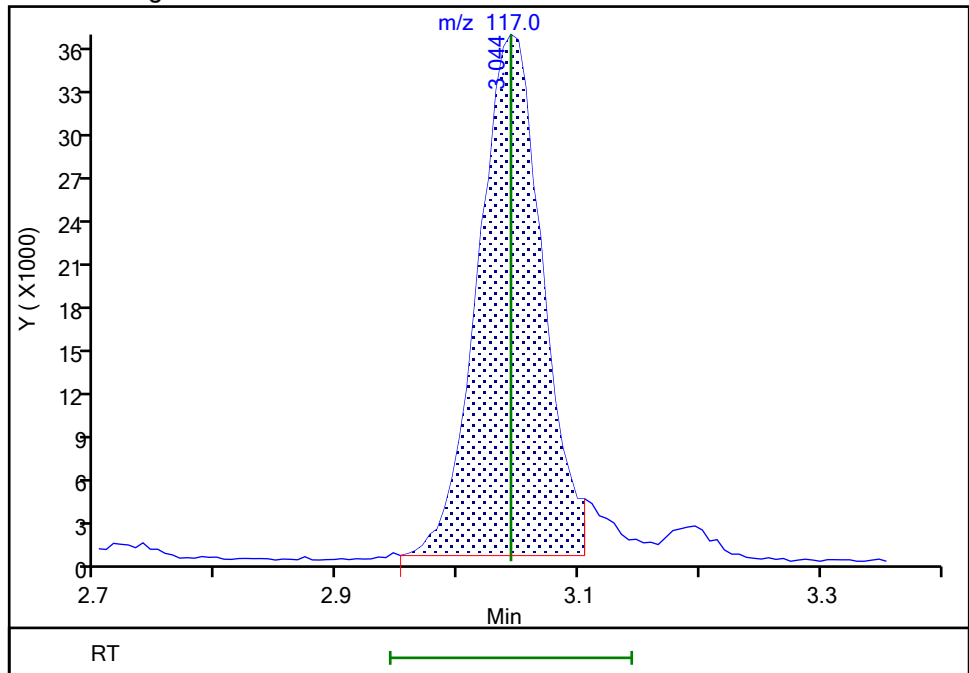
Expected RT: 3.04

Processing Integration Results



RT: 3.04
Area: 133062
Amount: 50.671728
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:27:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13133.D

Injection Date: 23-Dec-2021 17:36:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

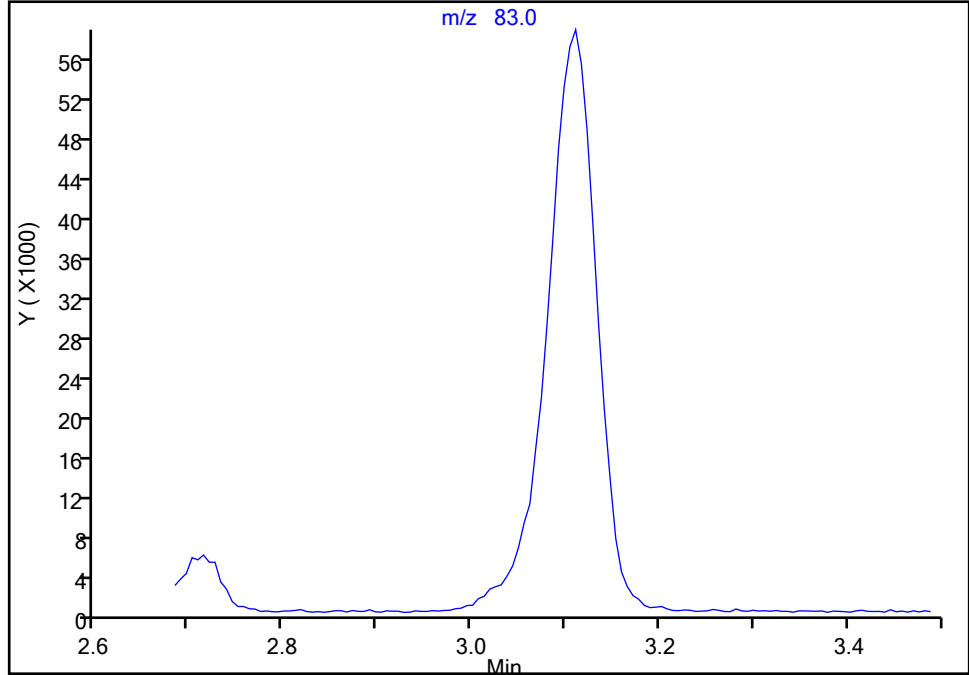
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

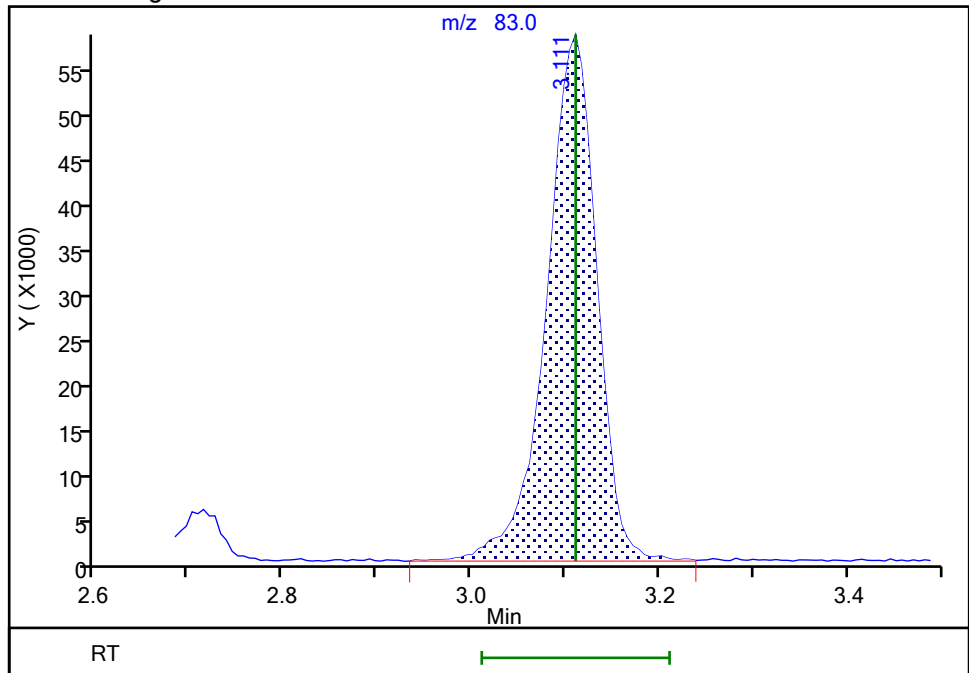
Expected RT: 3.11

Processing Integration Results



RT: 3.11
Area: 216981
Amount: 50.539001
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:27:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13134.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 23-Dec-2021 17:59:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0139544-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 23-Dec-2021 19:35:16 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: baronm

Date: 23-Dec-2021 18:27:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.666	1.666	0.000	86	221971	200.0	206.1	a
4 Dichlorodifluoromethane	85	1.709	1.715	-0.006	0	994923	200.0	211.6	
165 Chlorodifluoromethane	51	1.727	1.733	-0.006	0	604962	200.0	188.3	
6 Chloromethane	50	1.928	1.928	0.000	0	985042	200.0	202.5	
7 Vinyl chloride	62	2.038	2.038	0.000	0	1037862	200.0	207.3	
172 Butadiene	39	2.044	2.044	0.000	0	1124154	200.0	204.7	
9 Bromomethane	94	2.404	2.404	0.000	0	804165	200.0	209.0	
10 Chloroethane	64	2.483	2.483	0.000	0	634620	200.0	197.2	
174 Dichlorofluoromethane	67	2.715	2.714	0.000	0	1240909	200.0	192.8	
12 Trichlorofluoromethane	101	2.721	2.721	0.000	0	1153572	200.0	193.6	
13 Pentane	72	2.739	2.733	0.006	0	217616	400.0	366.9	
14 Ethanol	46	2.946	2.952	-0.006	93	134001	8000.0	7842.7	a
15 Ethyl ether	59	2.971	2.971	0.000	0	447189	200.0	187.3	
16 2-Methyl-1,3-butadiene	53	2.995	2.995	0.000	0	540077	200.0	191.7	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.044	3.044	0.000	82	579640	200.0	212.6	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.111	3.111	0.000	91	874571	200.0	196.2	a
19 Acrolein	56	3.166	3.178	-0.012	0	61146	202.8	200.2	
20 1,1,2,2-TCTFE	101	3.190	3.190	0.000	0	646708	200.0	187.7	
21 1,1-Dichloroethene	96	3.208	3.208	0.000	0	579764	200.0	185.3	
22 Acetone	58	3.306	3.306	0.000	0	239399	1000.0	873.6	
23 Iodomethane	142	3.379	3.379	0.000	0	1093544	200.0	194.4	
24 Isopropyl alcohol	45	3.403	3.403	0.000	0	368296	2000.0	1971.5	
25 Carbon disulfide	76	3.410	3.409	0.001	0	2031023	200.0	191.7	
161 3-Chloro-1-propene	76	3.556	3.556	0.000	0	362449	200.0	190.3	
27 Methyl acetate	43	3.568	3.568	0.000	0	781773	400.0	369.9	
166 Cyclopentene	67	3.574	3.574	0.000	0	1412099	200.0	194.0	
29 Acetonitrile	41	3.629	3.629	0.000	0	640557	2000.0	2170.7	
* 30 TBA-d9 (IS)	65	3.690	3.684	0.006	0	260533	1000.0	1000.0	
31 Methylene Chloride	84	3.690	3.690	0.000	0	636115	200.0	193.1	
32 2-Methyl-2-propanol	59	3.757	3.751	0.006	0	592800	2000.0	2081.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.855	3.861	-0.006	0	1609145	200.0	190.7	
34 trans-1,2-Dichloroethene	96	3.879	3.879	0.000	0	621544	200.0	197.5	
35 Acrylonitrile	53	3.952	3.952	0.000	0	2068639	2000.0	1933.6	
36 Hexane	43	4.025	4.031	-0.006	0	509687	200.0	183.7	
37 Isopropyl ether	45	4.233	4.232	0.000	0	1809373	200.0	188.1	
38 1,1-Dichloroethane	63	4.263	4.263	0.000	0	1051639	200.0	195.8	
39 Vinyl acetate	86	4.275	4.269	0.006	0	275375	400.0	412.5	
40 2-Chloro-1,3-butadiene	88	4.306	4.306	0.000	0	539080	200.0	192.4	
41 Tert-butyl ethyl ether	59	4.519	4.519	0.000	0	1628333	200.0	186.2	
* 42 2-Butanone-d5	46	4.690	4.696	-0.006	82	281714	250.0	250.0	a
43 2,2-Dichloropropane	97	4.726	4.720	0.006	0	209666	200.0	202.3	
44 cis-1,2-Dichloroethene	96	4.732	4.732	0.000	0	661800	200.0	183.7	
46 Ethyl acetate	70	4.739	4.738	0.000	0	123552	400.0	391.8	
45 2-Butanone (MEK)	72	4.739	4.738	0.000	0	321895	1000.0	931.8	
47 Methyl acrylate	55	4.787	4.787	0.000	0	471152	200.0	177.0	
48 Propionitrile	54	4.860	4.854	0.006	0	765844	2000.0	1962.0	
49 Tetrahydrofuran	72	4.921	4.921	0.000	0	149530	400.0	397.7	
50 Chlorobromomethane	128	4.927	4.927	0.000	0	352330	200.0	195.7	
51 Methacrylonitrile	67	4.946	4.946	0.000	0	2398582	2000.0	1991.5	
52 Chloroform	83	4.964	4.964	0.000	0	1050140	200.0	196.9	
53 Cyclohexane	56	5.086	5.086	0.000	0	1111586	200.0	191.3	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.092	0.000	0	151062	50.0	49.3	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	0	980817	200.0	194.1	
56 Carbon tetrachloride	117	5.190	5.190	0.000	0	854282	200.0	195.3	
57 1,1-Dichloropropene	75	5.208	5.208	0.000	0	799252	200.0	193.1	
58 Isobutyl alcohol	43	5.275	5.275	0.000	0	605516	5000.0	4817.4	
59 Isooctane	57	5.342	5.342	0.000	0	2311337	200.0	199.6	
60 Benzene	78	5.373	5.372	0.001	0	2285822	200.0	191.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.379	0.000	0	184309	50.0	51.0	
62 Isopropyl acetate	61	5.385	5.385	0.000	0	224907	200.0	198.0	
63 Tert-amyl methyl ether	87	5.403	5.403	0.000	0	523609	200.0	184.9	
64 1,2-Dichloroethane	62	5.440	5.440	0.000	0	751454	200.0	190.3	
65 n-Heptane	71	5.470	5.470	0.000	0	518491	200.0	189.0	
* 66 Fluorobenzene	96	5.598	5.592	0.006	0	542621	50.0	50.0	
67 n-Butanol	56	5.799	5.799	0.000	0	386212	5000.0	4990.5	
68 Trichloroethene	95	5.885	5.885	0.000	0	596858	200.0	190.0	
69 Ethyl acrylate	99	5.958	5.958	0.000	0	59343	200.0	192.4	
70 Methylcyclohexane	83	6.000	6.000	0.000	0	1155754	200.0	191.2	
71 1,2-Dichloropropane	63	6.135	6.135	0.000	0	559110	200.0	192.8	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	0	35995	1000.0	1000.0	
72 Methyl methacrylate	69	6.171	6.171	0.000	0	750052	400.0	411.2	
74 n-Propyl acetate	43	6.208	6.208	0.000	0	755936	200.0	192.5	
75 1,4-Dioxane	88	6.220	6.220	0.000	0	134818	4000.0	3360.3	
76 Dibromomethane	93	6.250	6.250	0.000	0	366714	200.0	188.4	
77 Dichlorobromomethane	83	6.372	6.372	0.000	0	742602	200.0	202.8	
78 2-Chloroethyl vinyl ether	63	6.641	6.641	0.000	0	345475	200.5	196.4	
79 2-Nitropropane	41	6.653	6.653	0.000	0	309443	400.0	364.3	
80 Epichlorohydrin	57	6.738	6.738	0.000	0	1040087	4000.0	3999.5	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	0	918592	200.0	197.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.891	6.890	0.001	0	2588099	1000.0	999.6	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	0	550048	50.0	48.8	
84 Toluene	91	7.025	7.025	0.000	0	2362366	200.0	190.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.238	7.238	0.000	0	710740	200.0	195.6	
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	0	849716	200.0	198.8	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	0	405133	200.0	187.8	
88 Tetrachloroethene	166	7.421	7.421	0.000	0	652899	200.0	196.0	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	0	826678	200.0	195.7	
90 2-Hexanone	58	7.525	7.525	0.001	0	890246	1000.0	1004.0	
91 n-Butyl acetate	73	7.573	7.573	0.000	0	136733	200.0	174.5	
92 Chlorodibromomethane	129	7.653	7.653	0.000	0	562684	200.0	200.5	
93 Ethylene Dibromide	107	7.750	7.750	0.000	0	513033	200.0	193.8	
* 94 Chlorobenzene-d5	117	8.031	8.031	0.001	0	408669	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	0	1580963	200.0	198.3	
96 Ethylbenzene	106	8.085	8.085	0.000	0	904871	200.0	193.5	
97 1,1,1,2-Tetrachloroethane	131	8.098	8.098	0.000	0	661913	200.0	201.3	
98 m-Xylene & p-Xylene	106	8.159	8.159	0.000	0	1082884	200.0	192.4	
99 n-Butyl acrylate	73	8.360	8.360	0.000	0	389722	200.0	189.4	
100 o-Xylene	106	8.415	8.415	0.000	0	1125948	200.0	195.6	
101 Styrene	104	8.427	8.427	0.000	0	1767840	200.0	197.5	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	0	939296	200.0	184.0	
103 Bromoform	173	8.567	8.567	0.000	0	395600	200.0	205.2	
104 Isopropylbenzene	105	8.616	8.616	0.000	0	2811525	200.0	196.2	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	0	183899	50.0	48.7	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.823	0.000	0	690317	200.0	199.0	
107 Bromobenzene	156	8.835	8.835	0.000	0	730252	200.0	197.4	
108 N-Propylbenzene	91	8.847	8.847	0.000	0	3156010	200.0	198.1	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.860	0.000	0	179274	200.0	201.4	
110 1,2,3-Trichloropropane	110	8.866	8.866	0.000	0	204866	200.0	190.3	
169 4-Ethyltoluene	105	8.908	8.908	0.000	0	2695629	200.0	199.6	
112 2-Chlorotoluene	91	8.927	8.927	0.000	0	2486769	200.0	201.6	
113 1,3,5-Trimethylbenzene	105	8.945	8.945	0.000	0	2487861	200.0	203.2	
114 Butyl Methacrylate	87	8.969	8.969	0.000	0	847767	200.0	200.4	
115 4-Chlorotoluene	91	8.988	8.988	0.000	0	1900861	200.0	196.7	
116 tert-Butylbenzene	119	9.128	9.122	0.006	0	2170775	200.0	209.2	
117 1,2,4-Trimethylbenzene	105	9.158	9.158	0.000	0	2467064	200.0	202.2	
118 sec-Butylbenzene	134	9.250	9.250	0.000	0	735885	200.0	185.7	
119 4-Isopropyltoluene	119	9.329	9.323	0.006	0	2789626	200.0	196.6	
120 1,3-Dichlorobenzene	146	9.360	9.353	0.007	0	1387021	200.0	195.9	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.396	0.000	0	237478	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.414	9.414	0.000	0	1451695	200.0	197.4	
123 1,2,3-Trimethylbenzene	105	9.414	9.414	0.000	0	2743761	200.0	205.5	
124 Benzyl chloride	91	9.494	9.494	0.000	0	1260101	200.0	196.6	
162 2,3-Dihydroindene	117	9.549	9.549	0.001	0	2756095	200.0	201.1	
164 p-Diethylbenzene	119	9.555	9.555	0.000	0	1681656	200.0	204.0	
127 n-Butylbenzene	92	9.573	9.573	0.000	0	1481616	200.0	198.3	
128 1,2-Dichlorobenzene	146	9.652	9.652	0.000	0	1388184	200.0	197.0	
163 1,2,4,5-Tetramethylbenzene	119	10.073	10.073	0.000	0	2756900	200.0	203.5	
130 1,2-Dibromo-3-Chloropropane	157	10.183	10.183	0.000	0	173194	200.0	197.6	
131 1,3,5-Trichlorobenzene	180	10.286	10.286	0.000	0	1251584	200.0	199.8	
132 1,2,4-Trichlorobenzene	180	10.810	10.810	0.000	0	1162730	200.0	202.9	
133 Hexachlorobutadiene	225	10.884	10.884	0.000	0	609694	200.0	208.0	
134 Naphthalene	128	11.060	11.060	0.000	0	2424704	200.0	196.5	
135 1,2,3-Trichlorobenzene	180	11.286	11.286	0.000	0	1039969	200.0	202.1	
S 136 1,2-Dichloroethene, Total	100				0		400.0	381.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total 100 0 400.0 388.0

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00134	Amount Added: 20.00	Units: uL	
GAS Hi_00404	Amount Added: 20.00	Units: uL	
Ethanol mix_00059	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00118	Amount Added: 20.00	Units: uL	
MIX I Hi_00145	Amount Added: 20.00	Units: uL	
8FreonHi_00039	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13134.D

Injection Date: 23-Dec-2021 17:59:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

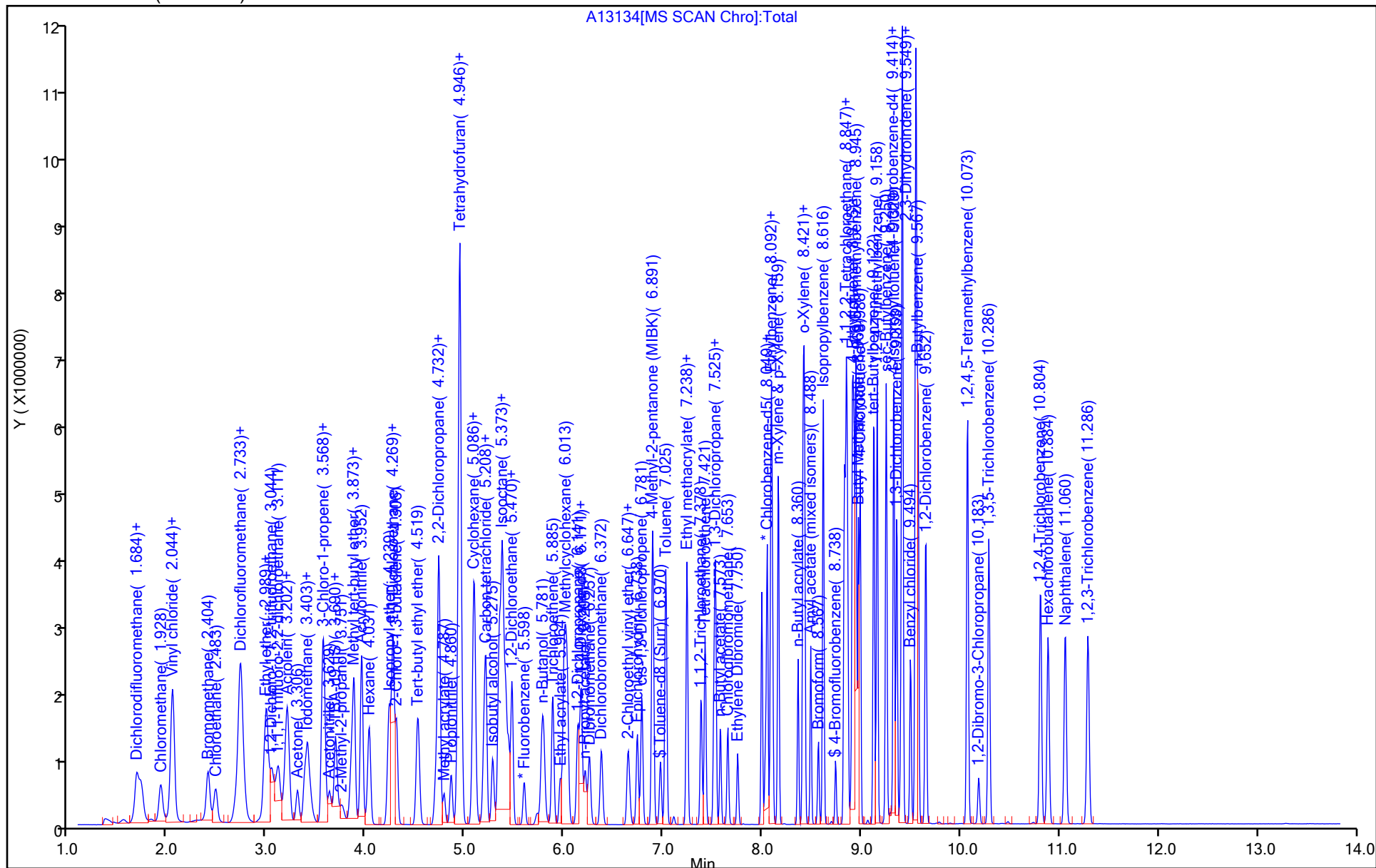
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13134.D

Injection Date: 23-Dec-2021 17:59:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

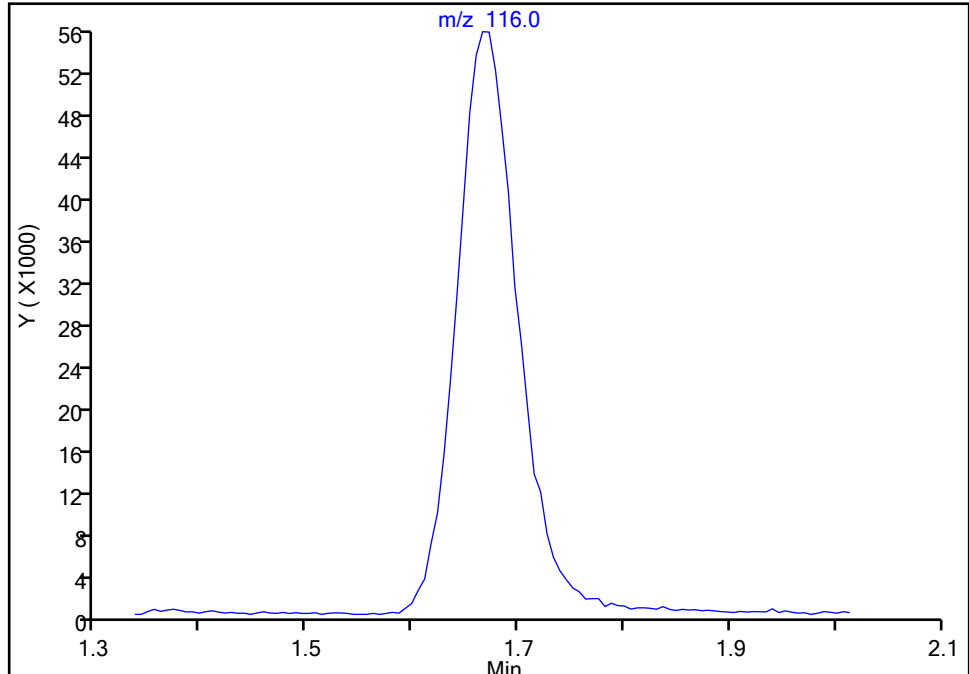
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

Not Detected

Expected RT: 1.67

Processing Integration Results



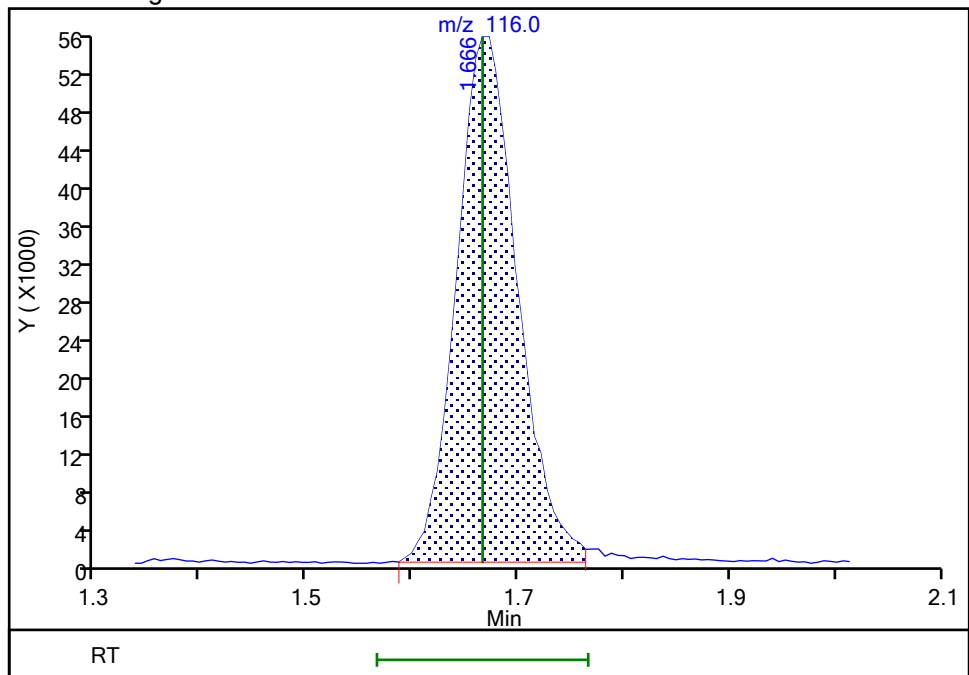
RT: 1.67

Area: 221971

Amount: 206.0851

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:27:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13134.D

Injection Date: 23-Dec-2021 17:59:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

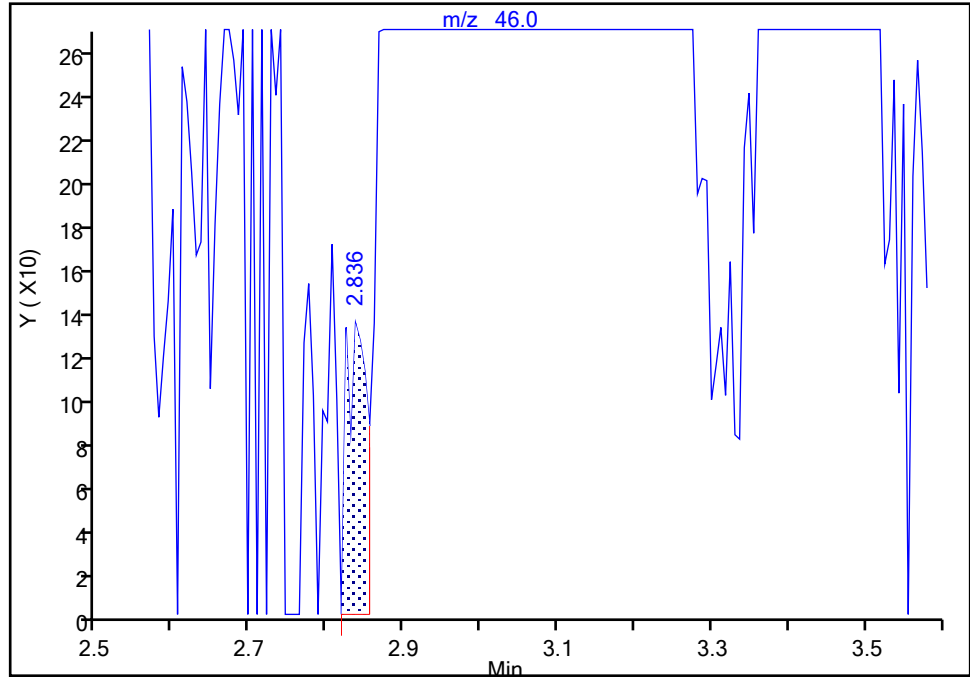
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

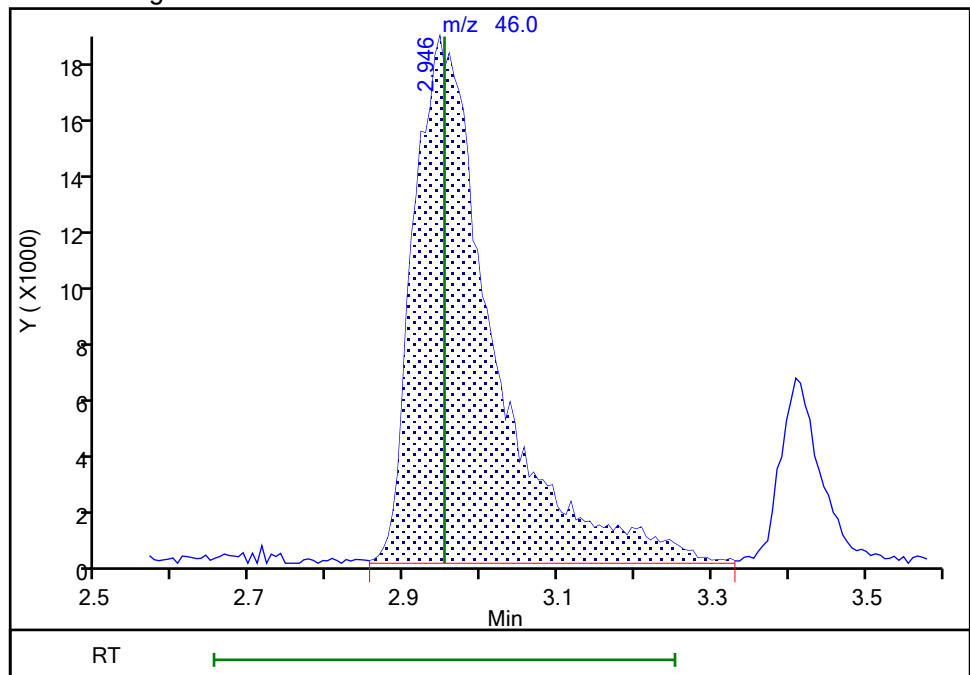
RT: 2.84
Area: 242
Amount: 18.561351
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 134001
Amount: 7842.7035
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:04:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13134.D

Injection Date: 23-Dec-2021 17:59:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

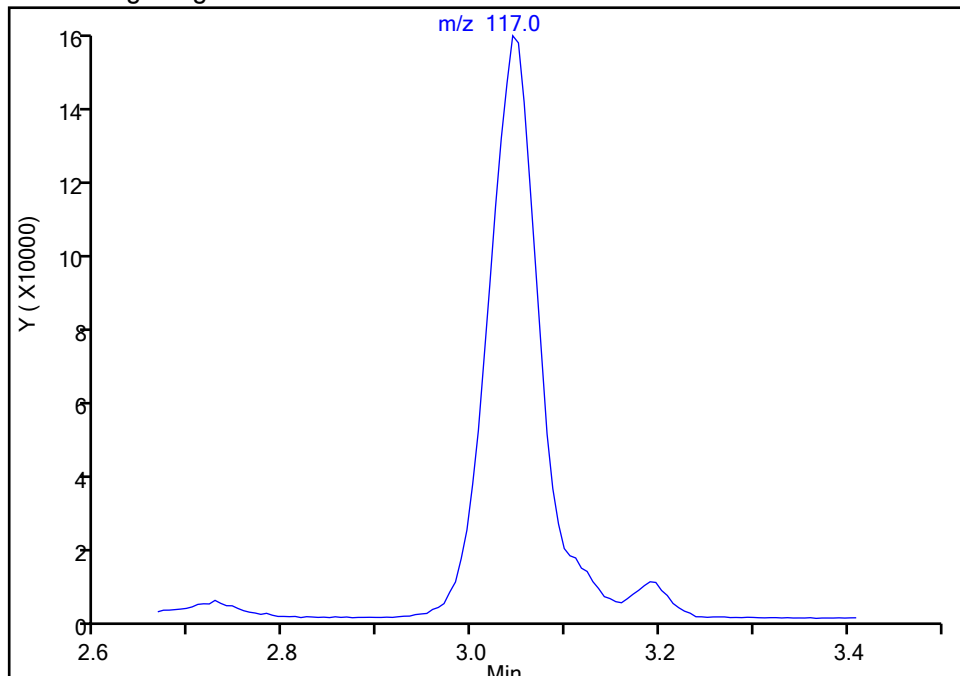
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

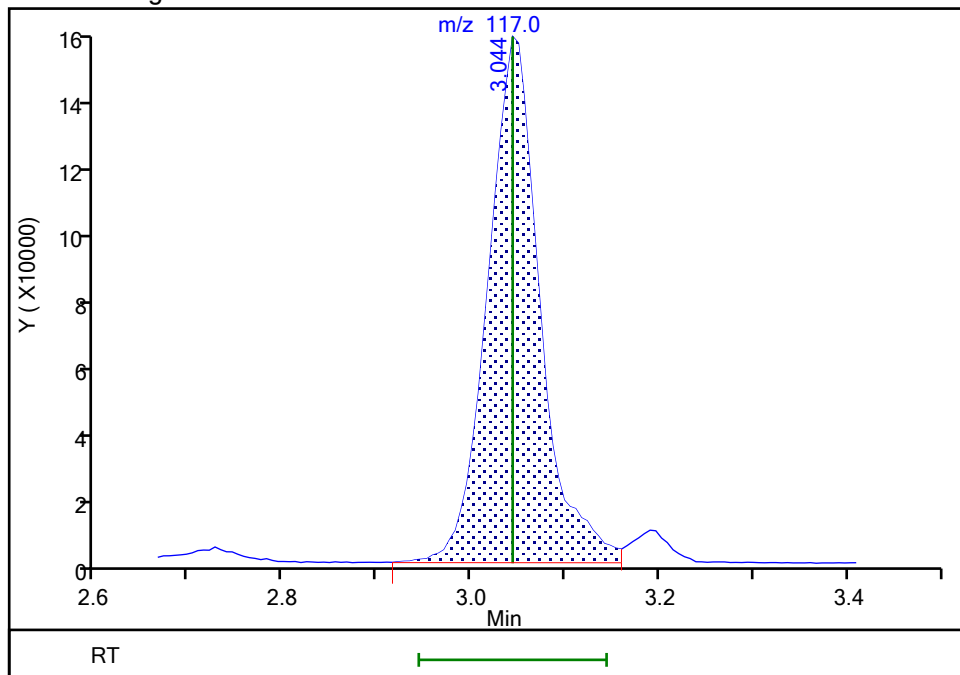
Not Detected

Expected RT: 3.04

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:27:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13134.D

Injection Date: 23-Dec-2021 17:59:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

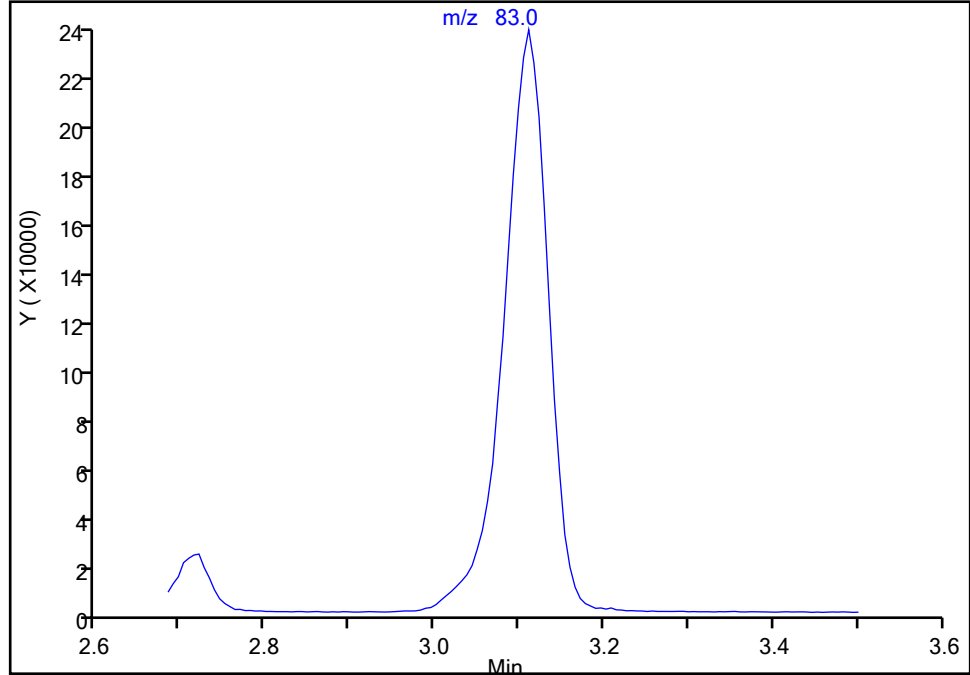
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

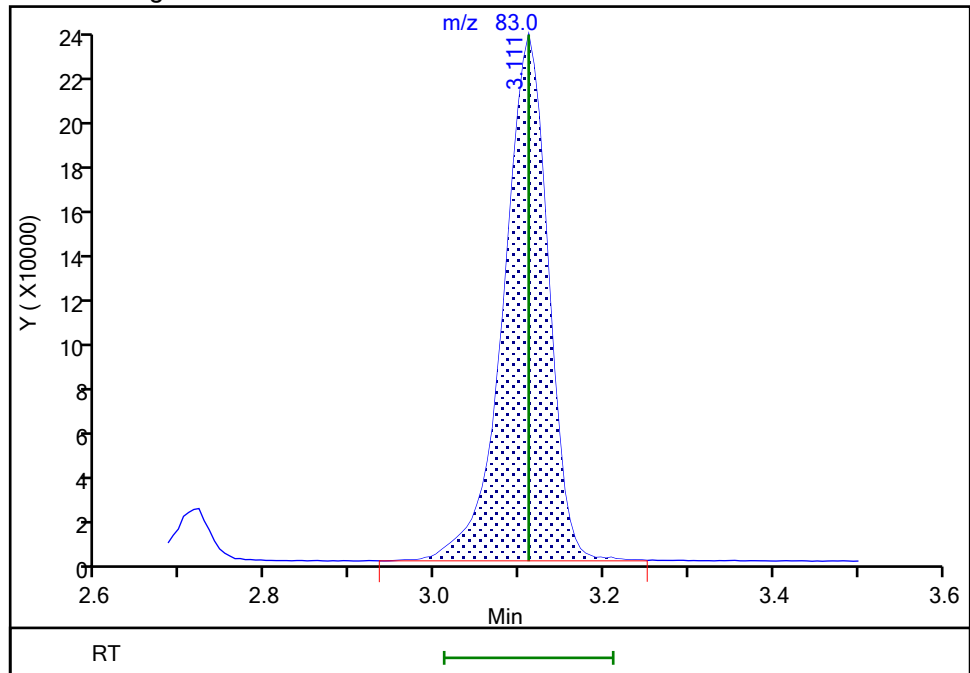
Not Detected

Expected RT: 3.11

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:27:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13134.D

Injection Date: 23-Dec-2021 17:59:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

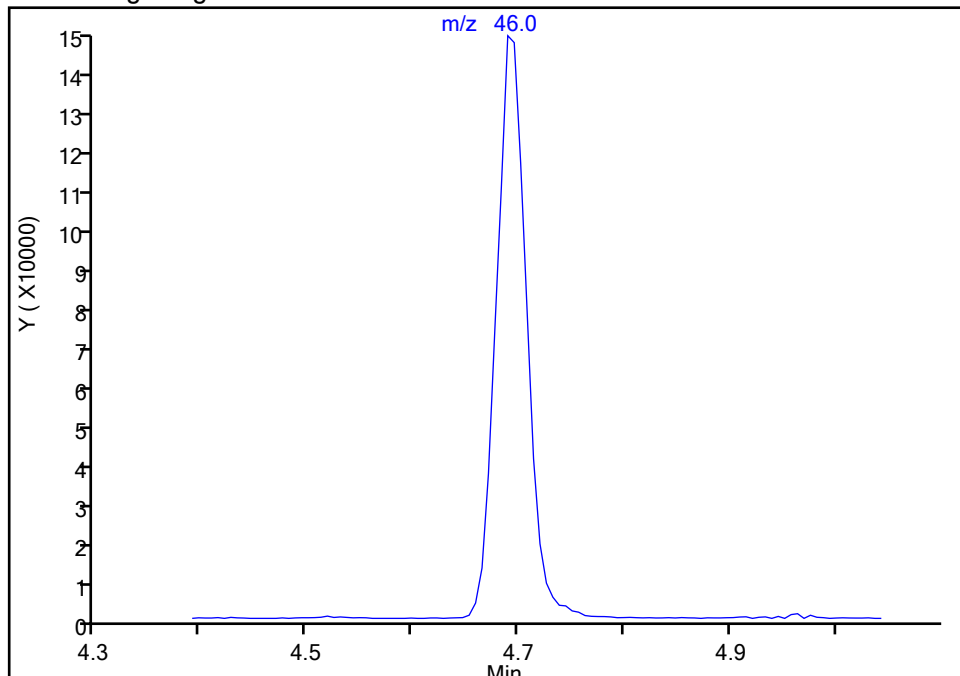
* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 4.70

Processing Integration Results



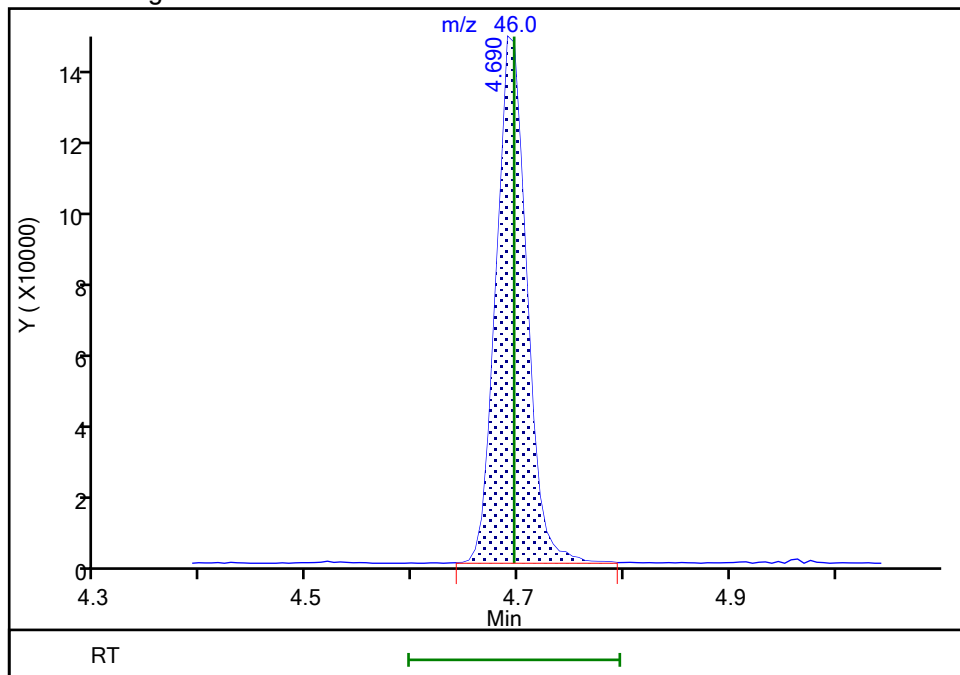
RT: 4.69

Area: 281714

Amount: 250.0000

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:27:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 23-Dec-2021 18:22:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0139544-009
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 23-Dec-2021 19:35:23 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: baronm

Date: 23-Dec-2021 18:52:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.672	1.666	0.006	88	550191	500.0	518.8	a
4 Dichlorodifluoromethane	85	1.709	1.715	-0.006	0	2361683	500.0	510.2	
165 Chlorodifluoromethane	51	1.733	1.733	0.000	0	1536034	500.0	485.7	
6 Chloromethane	50	1.928	1.928	0.000	0	2343521	500.0	489.3	
7 Vinyl chloride	62	2.038	2.038	0.000	0	2513595	500.0	509.9	
172 Butadiene	39	2.050	2.044	0.006	0	2683156	500.0	496.3	
9 Bromomethane	94	2.404	2.404	0.000	0	2041804	500.0	538.9	
10 Chloroethane	64	2.477	2.483	-0.006	0	1652147	500.0	521.4	
174 Dichlorofluoromethane	67	2.714	2.714	0.000	0	2934655	500.0	463.1	
12 Trichlorofluoromethane	101	2.727	2.721	0.006	0	2713313	500.0	462.4	
13 Pentane	72	2.739	2.733	0.006	0	551437	1000.0	904.2	
14 Ethanol	46	2.970	2.952	0.018	88	354046	20000	20152	a
15 Ethyl ether	59	2.970	2.971	-0.001	0	1150452	500.0	489.3	
16 2-Methyl-1,3-butadiene	53	2.995	2.995	0.000	0	1385125	500.0	499.2	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.050	3.044	0.006	85	1423356	500.0	530.3	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.117	3.111	0.006	95	2173688	500.0	495.4	a
19 Acrolein	56	3.172	3.178	-0.006	0	129490	405.6	412.3	
20 1,1,2,2-TCTFE	101	3.190	3.190	0.000	0	1642195	500.0	484.0	
21 1,1-Dichloroethene	96	3.214	3.208	0.006	0	1466961	500.0	476.1	
22 Acetone	58	3.306	3.306	0.000	0	615482	2500.0	2121.1	
23 Iodomethane	142	3.385	3.379	0.006	0	2675452	500.0	483.0	
24 Isopropyl alcohol	45	3.403	3.403	0.000	0	946796	5000.0	4929.0	
25 Carbon disulfide	76	3.416	3.409	0.007	0	5031514	500.0	482.2	
161 3-Chloro-1-propene	76	3.556	3.556	0.000	0	947011	500.0	504.9	
27 Methyl acetate	43	3.568	3.568	0.000	0	2051464	1000.0	985.9	
166 Cyclopentene	67	3.574	3.574	0.000	0	3509929	500.0	489.7	
29 Acetonitrile	41	3.629	3.629	0.000	0	1559338	5000.0	5139.1	
* 30 TBA-d9 (IS)	65	3.690	3.684	0.006	0	267893	1000.0	1000.0	
31 Methylene Chloride	84	3.696	3.690	0.006	0	1594895	500.0	491.7	
32 2-Methyl-2-propanol	59	3.763	3.751	0.012	0	1498742	5000.0	5117.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.861	3.861	0.000	0	4003284	500.0	481.8	
34 trans-1,2-Dichloroethene	96	3.879	3.879	0.000	0	1573072	500.0	507.6	
35 Acrylonitrile	53	3.958	3.952	0.006	0	5128222	5000.0	4868.3	
36 Hexane	43	4.031	4.031	0.000	0	1306882	500.0	478.4	
37 Isopropyl ether	45	4.232	4.232	0.000	0	4473125	500.0	472.2	
38 1,1-Dichloroethane	63	4.269	4.263	0.006	0	2722775	500.0	514.9	
39 Vinyl acetate	86	4.275	4.269	0.006	0	723011	1000.0	1053.2	
40 2-Chloro-1,3-butadiene	88	4.306	4.306	0.000	0	1367571	500.0	495.8	
41 Tert-butyl ethyl ether	59	4.525	4.519	0.006	0	3912255	500.0	454.4	
* 42 2-Butanone-d5	46	4.696	4.696	0.000	81	298299	250.0	250.0	a
43 2,2-Dichloropropane	97	4.726	4.720	0.006	0	539294	500.0	528.4	
44 cis-1,2-Dichloroethene	96	4.732	4.732	0.000	0	1745768	500.0	492.2	
46 Ethyl acetate	70	4.738	4.738	0.000	0	331107	1000.0	991.6	
45 2-Butanone (MEK)	72	4.745	4.738	0.006	0	856151	2500.0	2340.6	
47 Methyl acrylate	55	4.787	4.787	0.000	0	1208989	500.0	461.4	
48 Propionitrile	54	4.860	4.854	0.006	0	1941123	5000.0	4836.2	
49 Tetrahydrofuran	72	4.921	4.921	0.000	0	403249	1000.0	1000.3	
50 Chlorobromomethane	128	4.927	4.927	0.000	0	934859	500.0	527.3	
51 Methacrylonitrile	67	4.952	4.946	0.006	0	5987065	5000.0	5048.5	
52 Chloroform	83	4.964	4.964	0.000	0	2775312	500.0	528.5	
53 Cyclohexane	56	5.086	5.086	0.000	0	2838634	500.0	496.1	
\$ 55 Dibromofluoromethane (Surr)	113	5.098	5.092	0.006	0	161589	50.0	53.6	
54 1,1,1-Trichloroethane	97	5.098	5.092	0.006	0	2498735	500.0	502.3	
56 Carbon tetrachloride	117	5.196	5.190	0.006	0	2182582	500.0	506.8	
57 1,1-Dichloropropene	75	5.208	5.208	0.000	0	2052200	500.0	503.5	
58 Isobutyl alcohol	43	5.281	5.275	0.006	0	1539993	12500	11915	
59 Isooctane	57	5.348	5.342	0.006	0	5830886	500.0	511.5	
60 Benzene	78	5.372	5.372	0.000	0	5552611	500.0	456.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.379	0.000	0	219630	50.0	61.8	
62 Isopropyl acetate	61	5.391	5.385	0.006	0	592266	500.0	500.3	
63 Tert-amyl methyl ether	87	5.409	5.403	0.006	0	1303857	500.0	467.6	
64 1,2-Dichloroethane	62	5.439	5.440	-0.001	0	1939516	500.0	498.9	
65 n-Heptane	71	5.470	5.470	0.000	0	1321518	500.0	489.1	
* 66 Fluorobenzene	96	5.598	5.592	0.006	0	534275	50.0	50.0	
67 n-Butanol	56	5.799	5.799	0.000	0	1014178	12500	12745	
68 Trichloroethene	95	5.885	5.885	0.000	0	1517626	500.0	490.7	
69 Ethyl acrylate	99	5.964	5.958	0.006	0	146970	500.0	485.0	
70 Methylcyclohexane	83	6.000	6.000	0.000	0	2938553	500.0	493.7	
71 1,2-Dichloropropane	63	6.141	6.135	0.006	0	1443403	500.0	505.6	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	94	36290	1000.0	1000.0	M
72 Methyl methacrylate	69	6.171	6.171	0.000	0	1930366	1000.0	1074.7	
74 n-Propyl acetate	43	6.214	6.208	0.006	0	1924195	500.0	497.7	
75 1,4-Dioxane	88	6.220	6.220	0.000	0	341562	10000	8444.1	
76 Dibromomethane	93	6.256	6.250	0.006	0	943164	500.0	492.1	
77 Dichlorobromomethane	83	6.378	6.372	0.006	0	1906972	500.0	528.9	
78 2-Chloroethyl vinyl ether	63	6.640	6.641	-0.001	0	899267	501.2	519.1	
79 2-Nitropropane	41	6.659	6.653	0.006	0	833361	1000.0	996.5	
80 Epichlorohydrin	57	6.738	6.738	0.000	0	2676919	10000	9721.3	
81 cis-1,3-Dichloropropene	75	6.787	6.781	0.006	0	2322647	500.0	489.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.890	6.890	0.000	0	6018823	2500.0	2195.3	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	0	556242	50.0	48.3	
84 Toluene	91	7.025	7.025	0.000	0	5475117	500.0	432.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.238	7.238	0.000	0	1886891	500.0	527.3	
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	0	2254846	500.0	516.5	
87 1,1,2-Trichloroethane	83	7.384	7.378	0.006	0	1057736	500.0	480.0	
88 Tetrachloroethene	166	7.421	7.421	0.000	0	1664434	500.0	489.2	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	0	2167334	500.0	502.4	
90 2-Hexanone	58	7.531	7.525	0.007	0	2357311	2500.0	2510.8	
91 n-Butyl acetate	73	7.579	7.573	0.006	0	353972	500.0	442.2	
92 Chlorodibromomethane	129	7.652	7.653	-0.001	0	1509453	500.0	526.7	
93 Ethylene Dibromide	107	7.750	7.750	0.000	0	1318555	500.0	487.7	
* 94 Chlorobenzene-d5	117	8.030	8.031	0.000	0	417417	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	0	3831813	500.0	470.6	
96 Ethylbenzene	106	8.091	8.085	0.006	0	2430845	500.0	508.9	
97 1,1,1,2-Tetrachloroethane	131	8.104	8.098	0.006	0	1758296	500.0	523.6	
98 m-Xylene & p-Xylene	106	8.165	8.159	0.006	0	2793946	500.0	486.0	
99 n-Butyl acrylate	73	8.360	8.360	0.000	0	1013094	500.0	482.0	
100 o-Xylene	106	8.415	8.415	0.000	0	2942888	500.0	500.4	
101 Styrene	104	8.427	8.427	0.000	0	4376525	500.0	478.6	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	0	2336475	500.0	432.2	
103 Bromoform	173	8.567	8.567	0.000	0	1069043	500.0	542.9	
104 Isopropylbenzene	105	8.616	8.616	0.000	0	5850731	500.0	399.8	
\$ 105 4-Bromofluorobenzene	174	8.744	8.738	0.006	0	188567	50.0	48.9	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.823	0.000	0	1845438	500.0	502.3	
107 Bromobenzene	156	8.835	8.835	0.000	0	1972248	500.0	503.4	
108 N-Propylbenzene	91	8.847	8.847	0.000	0	6474570	500.0	383.6	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.860	0.000	0	557952	500.0	499.8	
110 1,2,3-Trichloropropane	110	8.866	8.866	0.000	0	561741	500.0	492.7	
169 4-Ethyltoluene	105	8.914	8.908	0.006	0	5787040	500.0	404.7	
112 2-Chlorotoluene	91	8.927	8.927	0.000	0	6172891	500.0	472.5	
113 1,3,5-Trimethylbenzene	105	8.945	8.945	0.000	0	5689399	500.0	438.8	
114 Butyl Methacrylate	87	8.969	8.969	0.000	0	2234795	500.0	498.9	
115 4-Chlorotoluene	91	8.988	8.988	0.000	0	4517856	500.0	441.5	
116 tert-Butylbenzene	119	9.128	9.122	0.006	0	4969048	500.0	452.2	
117 1,2,4-Trimethylbenzene	105	9.158	9.158	0.000	0	5448258	500.0	421.6	
118 sec-Butylbenzene	134	9.256	9.250	0.006	0	1931128	500.0	460.0	
119 4-Isopropyltoluene	119	9.329	9.323	0.006	0	5919065	500.0	393.9	
120 1,3-Dichlorobenzene	146	9.359	9.353	0.006	0	3420078	500.0	456.2	
* 121 1,4-Dichlorobenzene-d4	152	9.402	9.396	0.006	0	251518	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.414	9.414	0.000	0	3869045	500.0	496.7	
123 1,2,3-Trimethylbenzene	105	9.414	9.414	0.000	0	6060143	500.0	428.5	
124 Benzyl chloride	91	9.500	9.494	0.006	0	3102457	500.0	457.0	
162 2,3-Dihydroindene	117	9.548	9.549	0.000	0	6222285	500.0	428.6	
164 p-Diethylbenzene	119	9.555	9.555	0.000	0	4405644	500.0	504.7	
127 n-Butylbenzene	92	9.573	9.573	0.000	0	3931130	500.0	496.8	
128 1,2-Dichlorobenzene	146	9.652	9.652	0.000	0	3425109	500.0	458.9	
163 1,2,4,5-Tetramethylbenzene	119	10.073	10.073	0.000	0	6076826	500.0	423.5	
130 1,2-Dibromo-3-Chloropropane	157	10.189	10.183	0.006	0	449936	500.0	484.7	
131 1,3,5-Trichlorobenzene	180	10.292	10.286	0.006	0	3043968	500.0	458.9	
132 1,2,4-Trichlorobenzene	180	10.810	10.810	0.000	0	2833287	500.0	466.9	
133 Hexachlorobutadiene	225	10.890	10.884	0.006	0	1525427	500.0	491.3	
134 Naphthalene	128	11.060	11.060	0.000	0	5575862	500.0	426.6	
135 1,2,3-Trichlorobenzene	180	11.292	11.286	0.006	0	2495520	500.0	457.9	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	999.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		1000.0	986.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00134	Amount Added: 40.00	Units: uL	
GAS Hi_00404	Amount Added: 50.00	Units: uL	
Ethanol mix_00059	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00118	Amount Added: 50.00	Units: uL	
MIX I Hi_00145	Amount Added: 50.00	Units: uL	
8FreonHi_00039	Amount Added: 50.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D

Injection Date: 23-Dec-2021 18:22:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

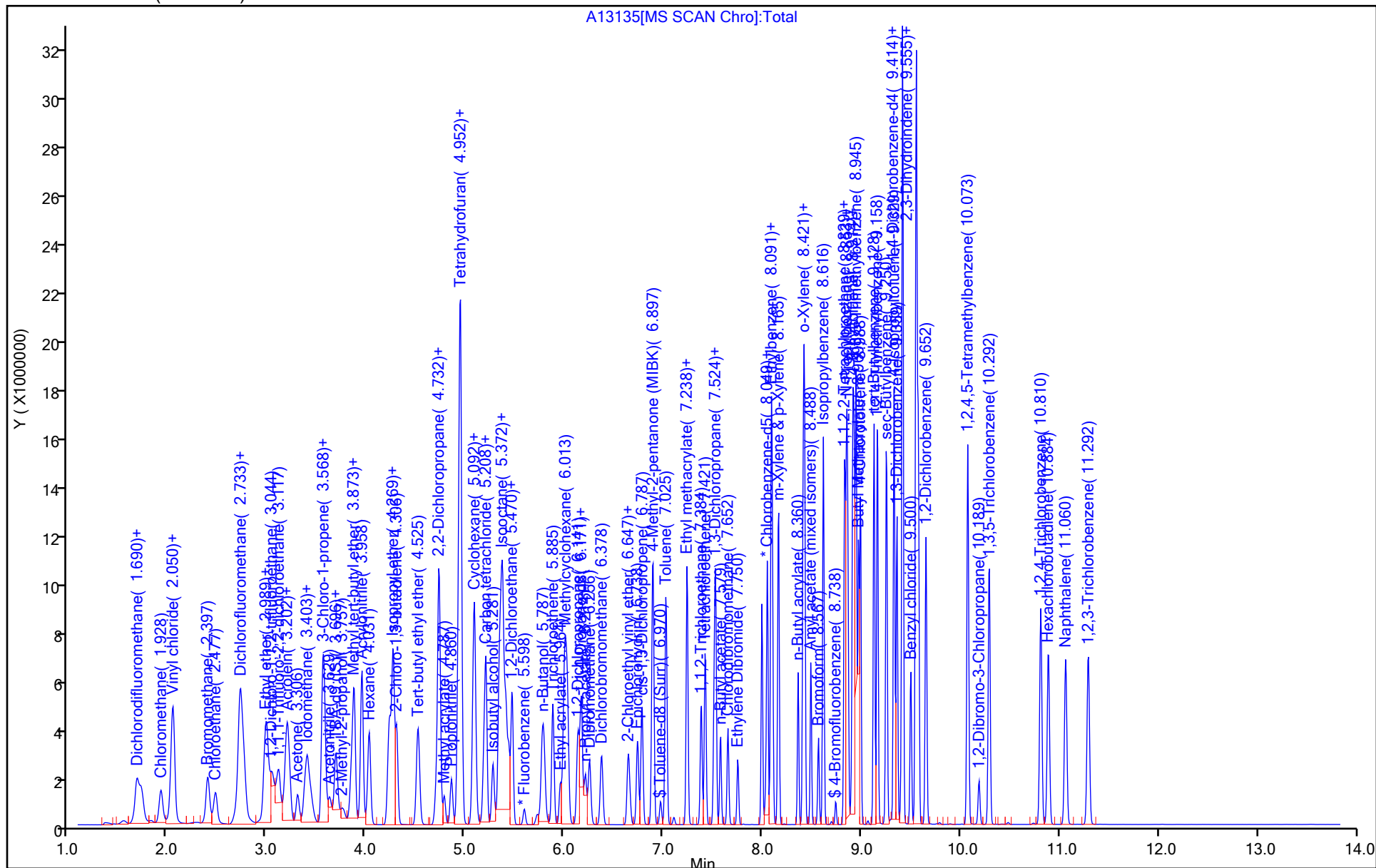
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D

Injection Date: 23-Dec-2021 18:22:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

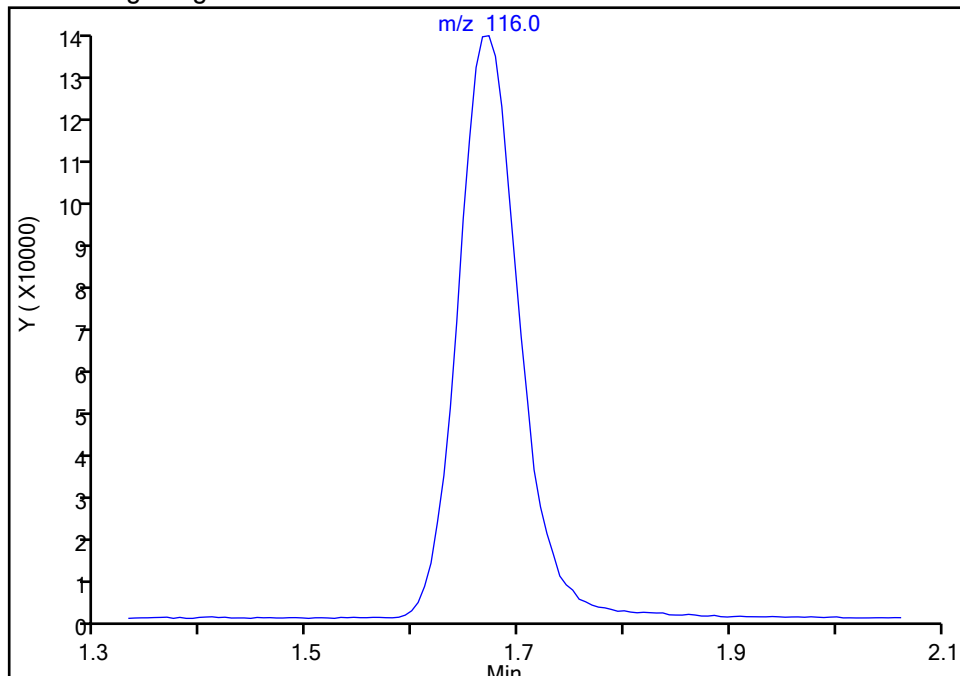
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

Not Detected

Expected RT: 1.67

Processing Integration Results



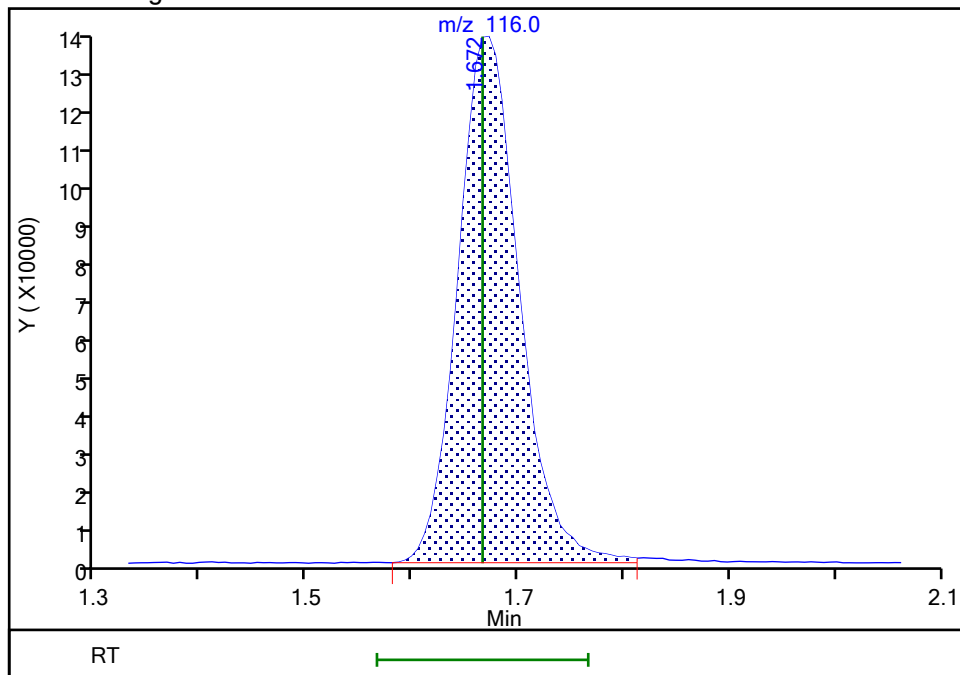
RT: 1.67

Area: 550191

Amount: 518.7947

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:43:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D

Injection Date: 23-Dec-2021 18:22:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

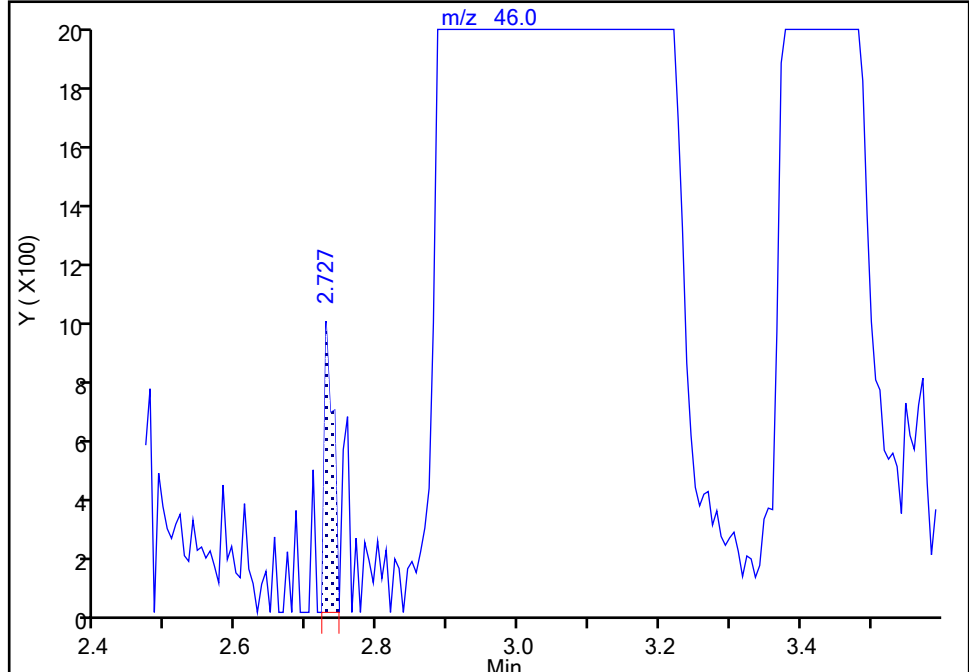
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

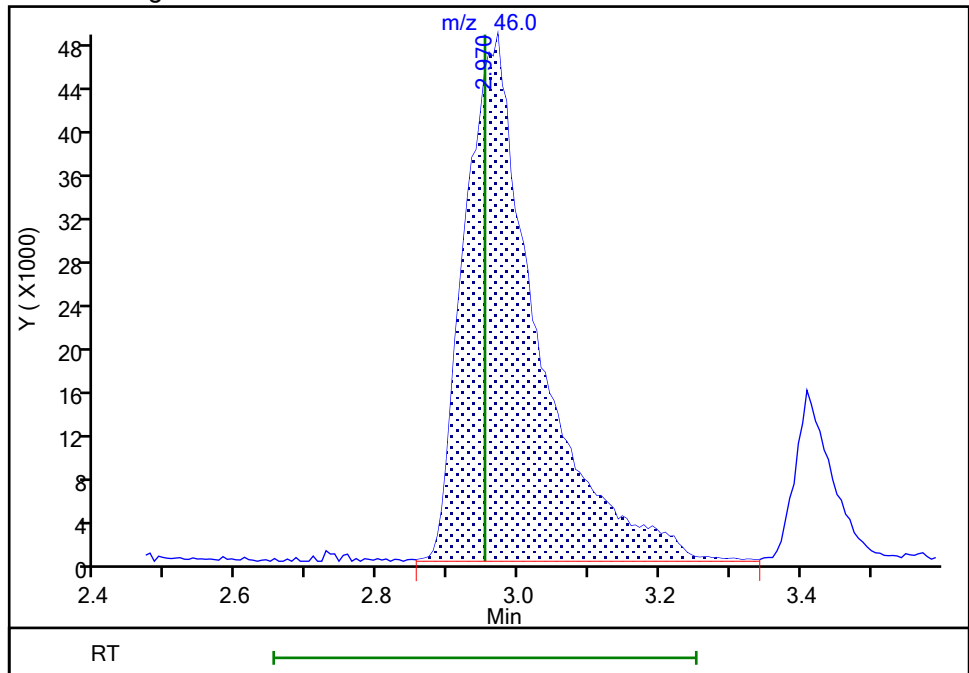
RT: 2.73
Area: 854
Amount: 52.484314
Amount Units: ug/l

Processing Integration Results



RT: 2.97
Area: 354046
Amount: 20152
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:05:47

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D

Injection Date: 23-Dec-2021 18:22:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

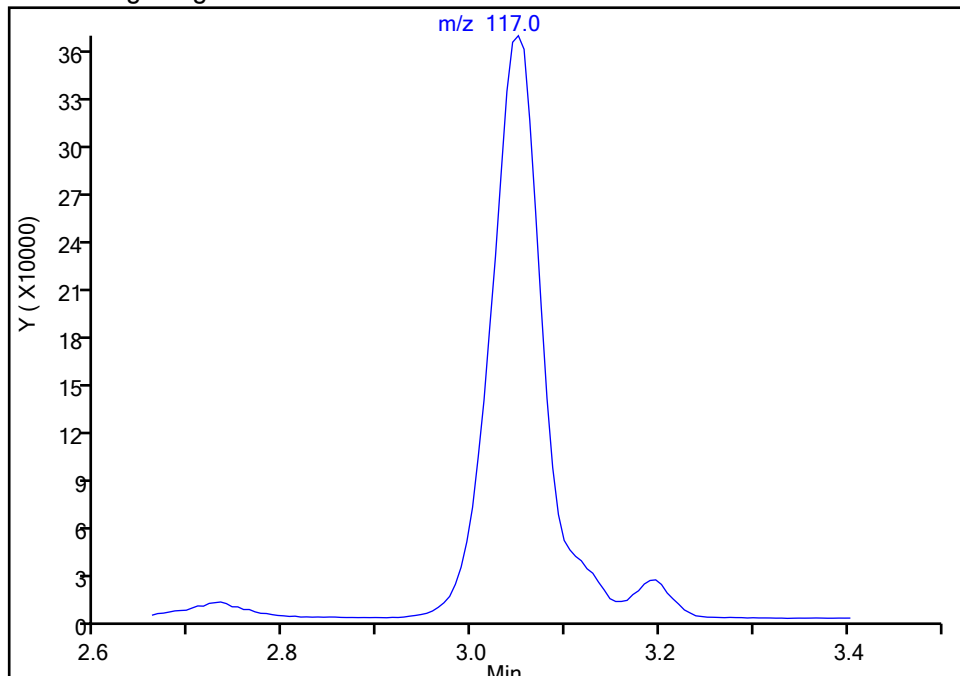
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

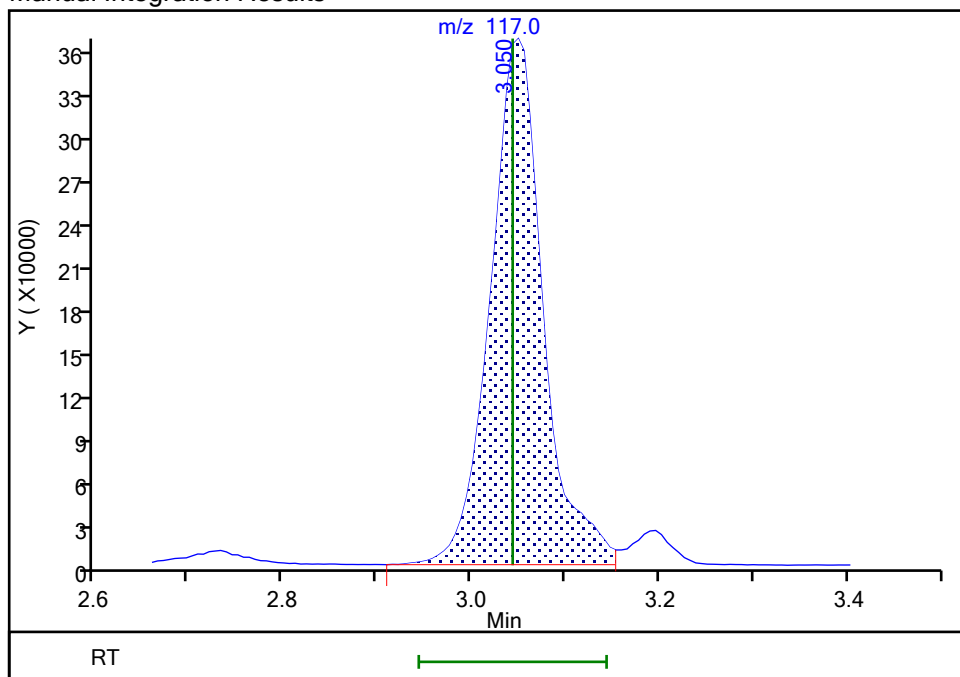
Not Detected

Expected RT: 3.04

Processing Integration Results



Manual Integration Results



RT: 3.05

Area: 1423356

Amount: 530.3187

Amount Units: ug/l

Reviewer: baronm, 23-Dec-2021 18:43:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D

Injection Date: 23-Dec-2021 18:22:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

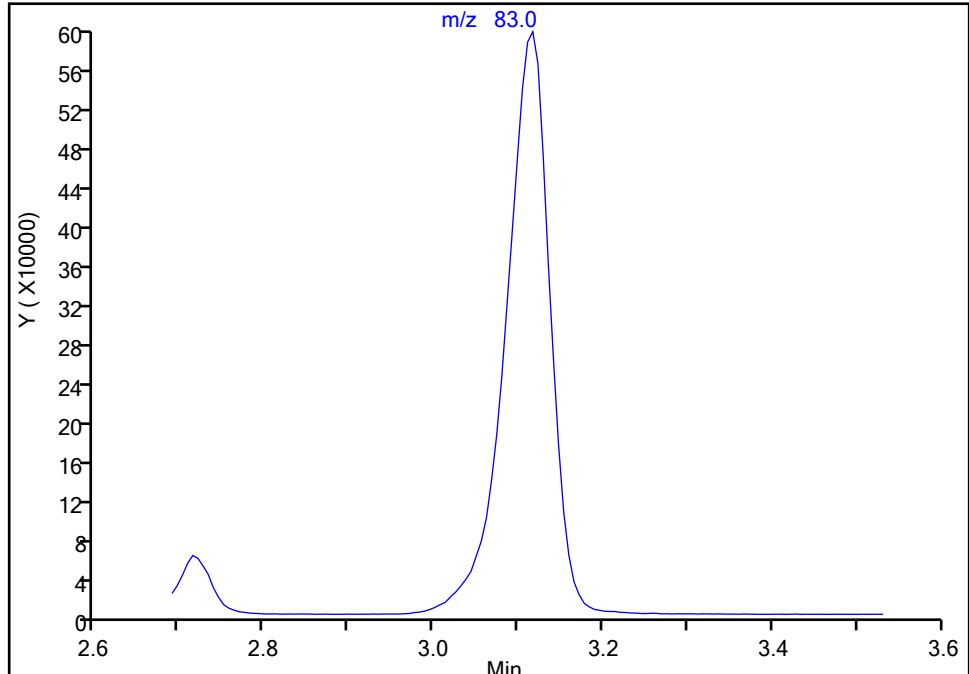
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

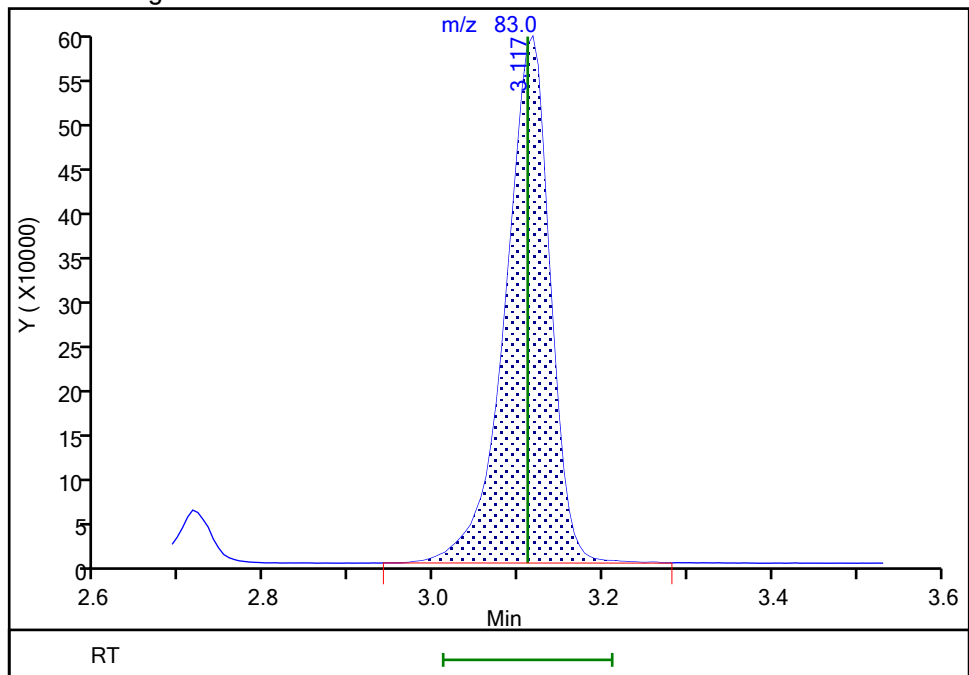
Not Detected

Expected RT: 3.11

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:43:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D

Injection Date: 23-Dec-2021 18:22:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

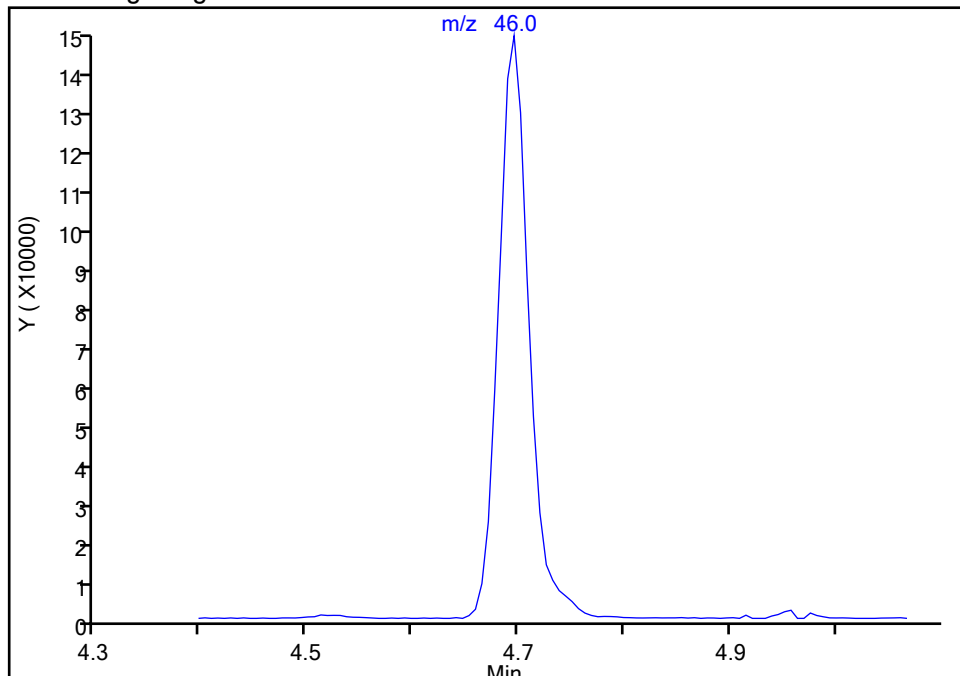
* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 4.70

Processing Integration Results



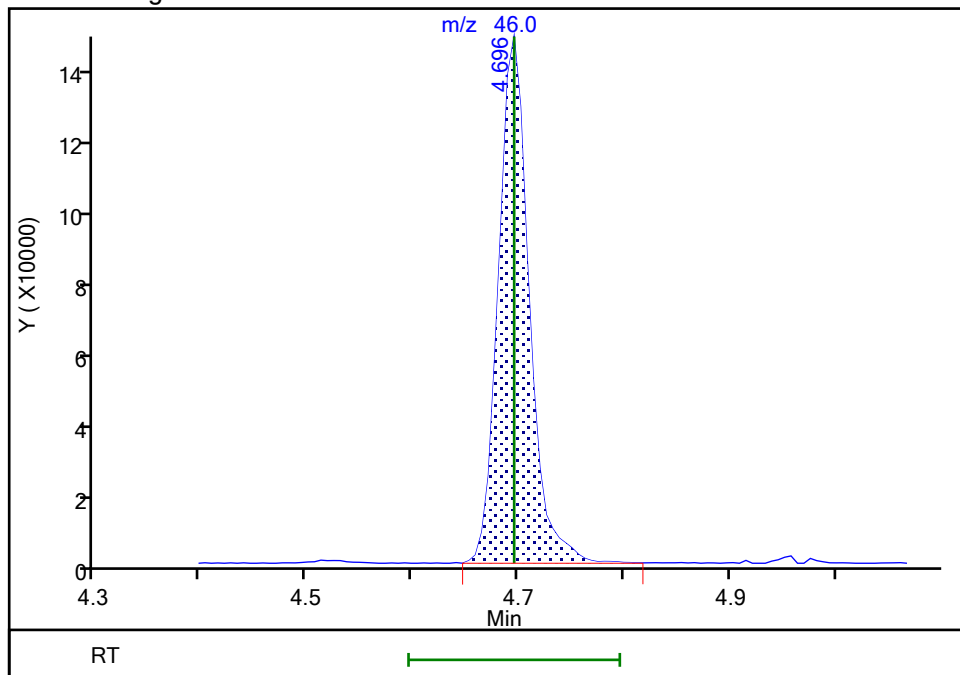
RT: 4.70

Area: 298299

Amount: 250.0000

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 18:43:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D

Injection Date: 23-Dec-2021 18:22:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

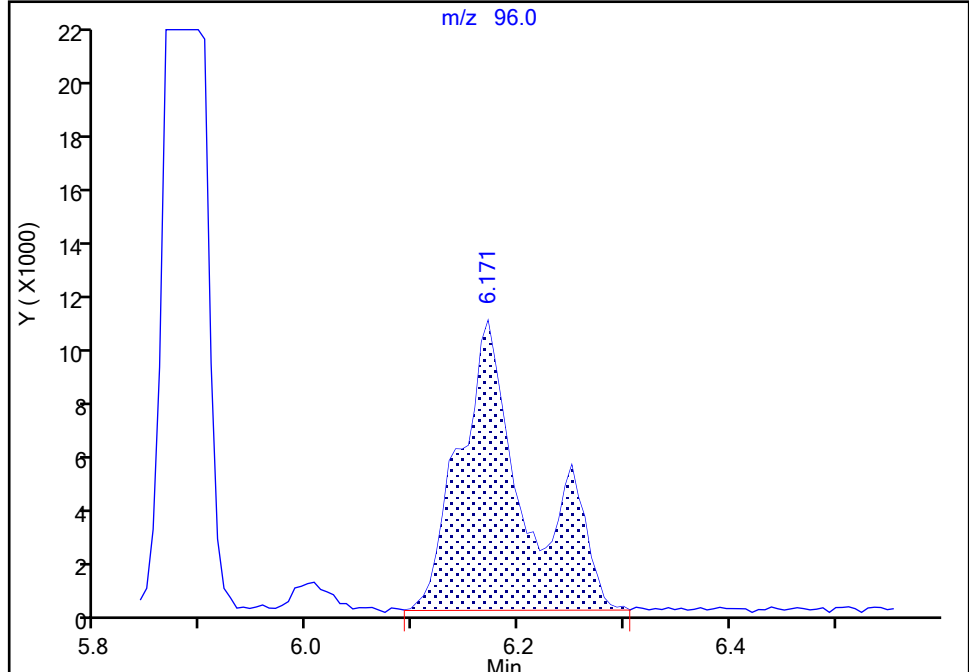
MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

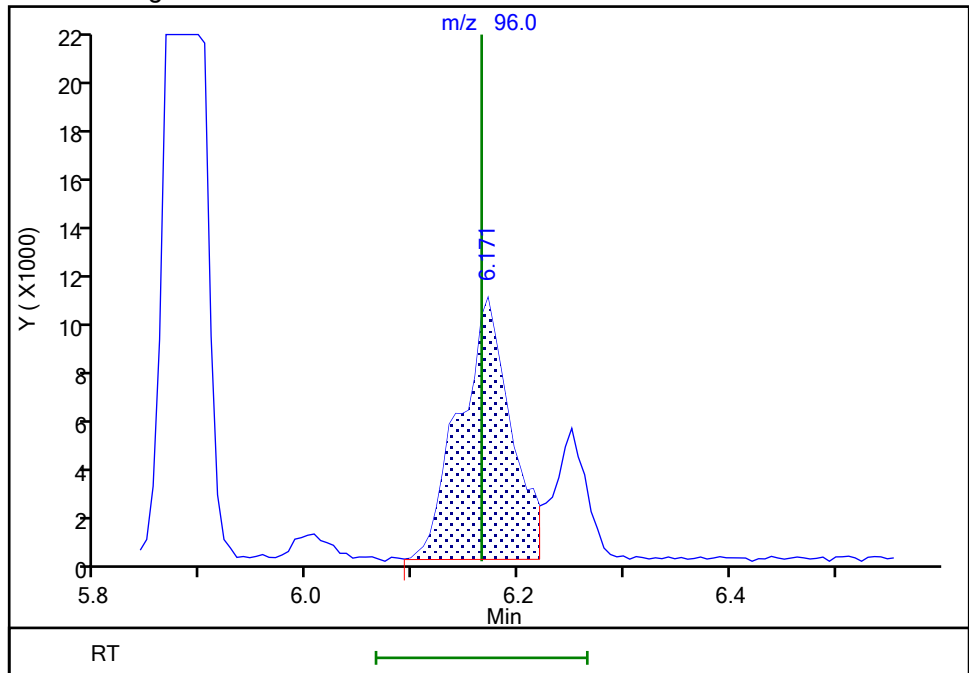
RT: 6.17
Area: 47243
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.17
Area: 36290
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 19:05:34

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Calibration

/ Chlorotrifluoroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

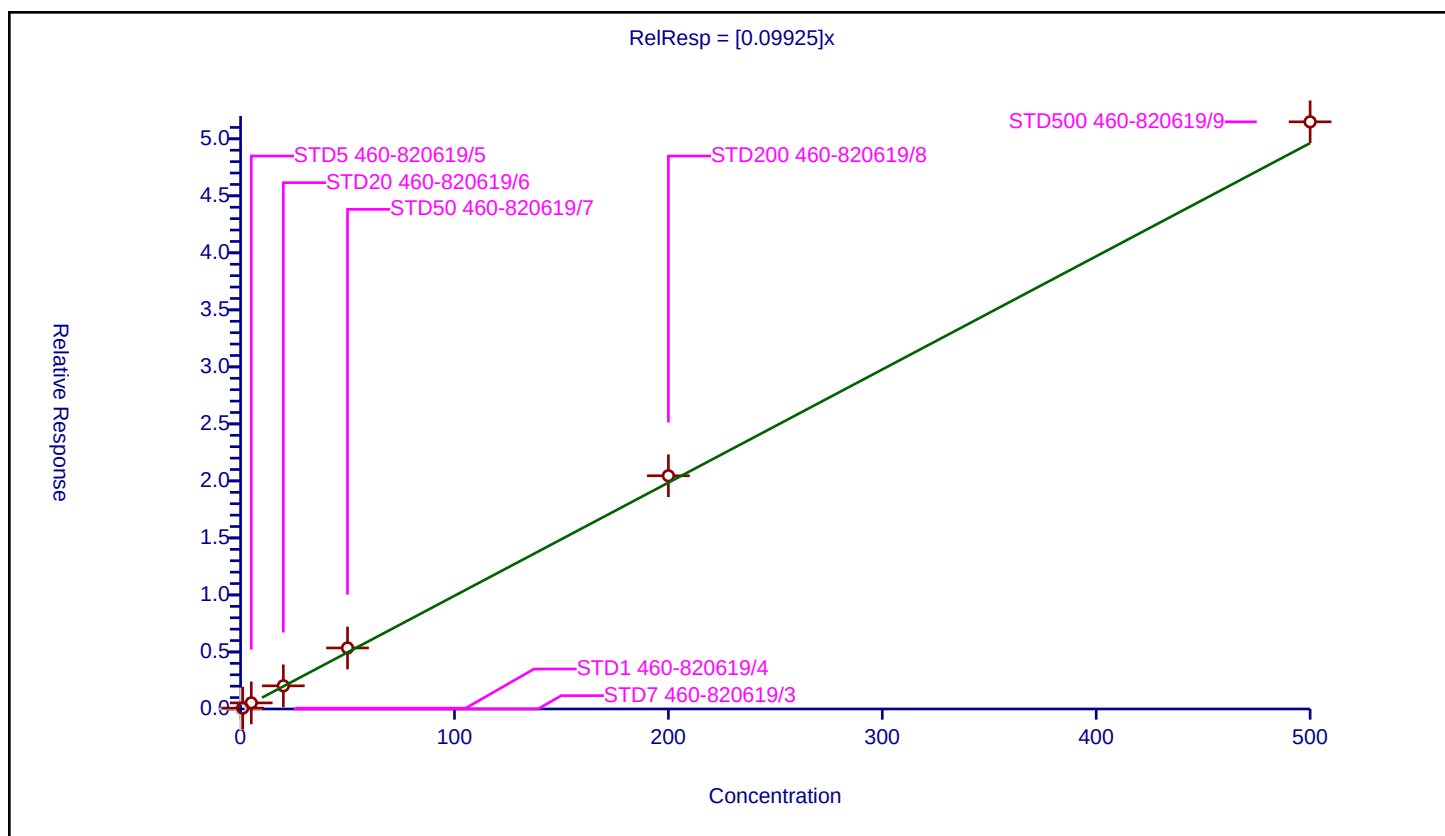
Curve Coefficients

Intercept: 0
 Slope: 0.09925

Error Coefficients

Standard Error: 267000
 Relative Standard Error: 12.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.074814	50.0	501914.0	0.074814	Y
3	STD5 460-820619/5	5.0	0.534082	50.0	491404.0	0.106816	Y
4	STD20 460-820619/6	20.0	2.031493	50.0	531801.0	0.101575	Y
5	STD50 460-820619/7	50.0	5.351913	50.0	522729.0	0.107038	Y
6	STD200 460-820619/8	200.0	20.453595	50.0	542621.0	0.102268	Y
7	STD500 460-820619/9	500.0	51.489495	50.0	534275.0	0.102979	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

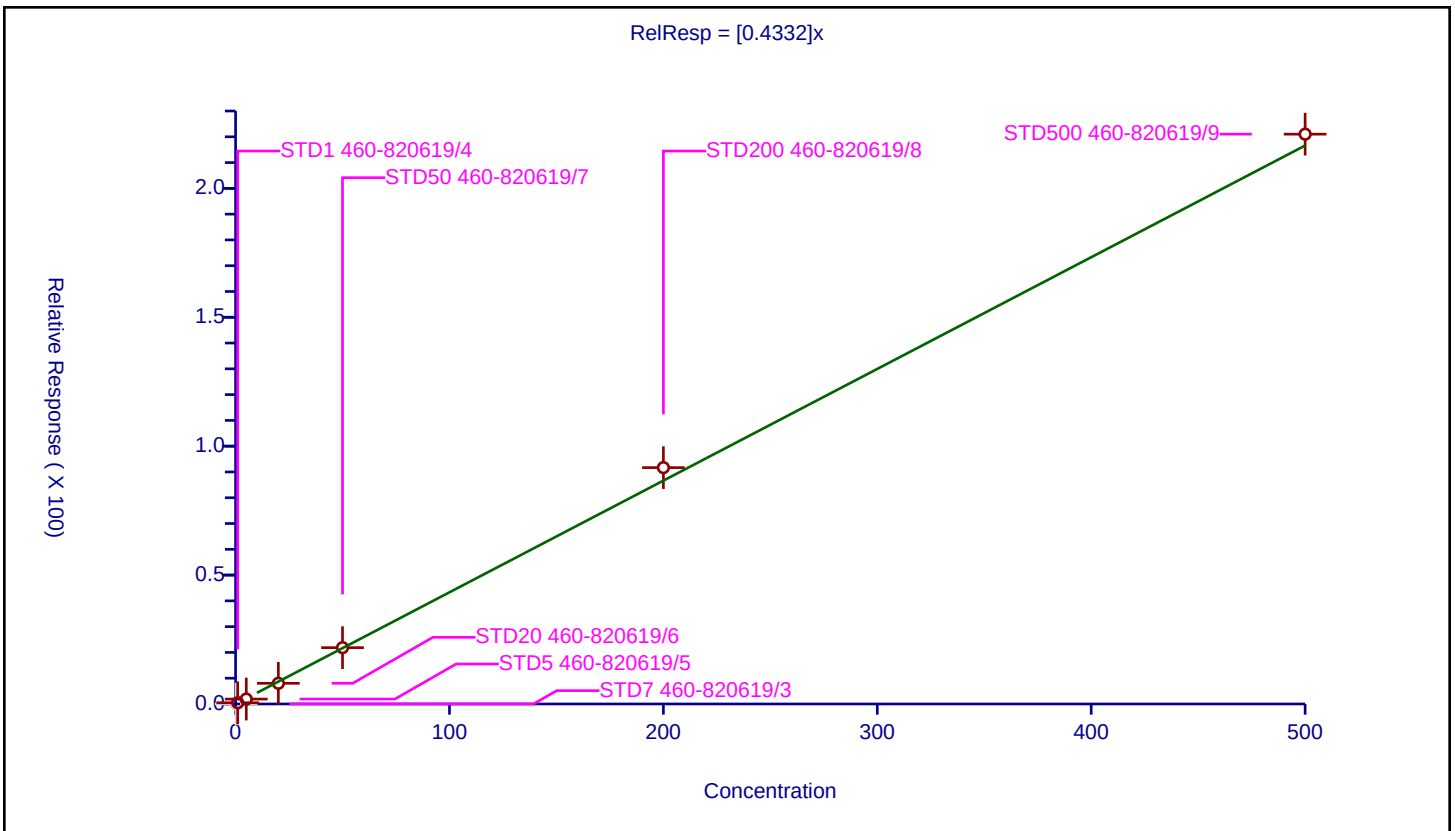
Curve Coefficients

Intercept: 0
 Slope: 0.4332

Error Coefficients

Standard Error: 1150000
 Relative Standard Error: 8.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.25	0.0	50.0	507731.0	0.0	N
2	STD1 460-820619/4	1.0	0.478967	50.0	501914.0	0.478967	Y
3	STD5 460-820619/5	5.0	1.909427	50.0	491404.0	0.381885	Y
4	STD20 460-820619/6	20.0	8.018977	50.0	531801.0	0.400949	Y
5	STD50 460-820619/7	50.0	21.849467	50.0	522729.0	0.436989	Y
6	STD200 460-820619/8	200.0	91.677524	50.0	542621.0	0.458388	Y
7	STD500 460-820619/9	500.0	221.017547	50.0	534275.0	0.442035	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

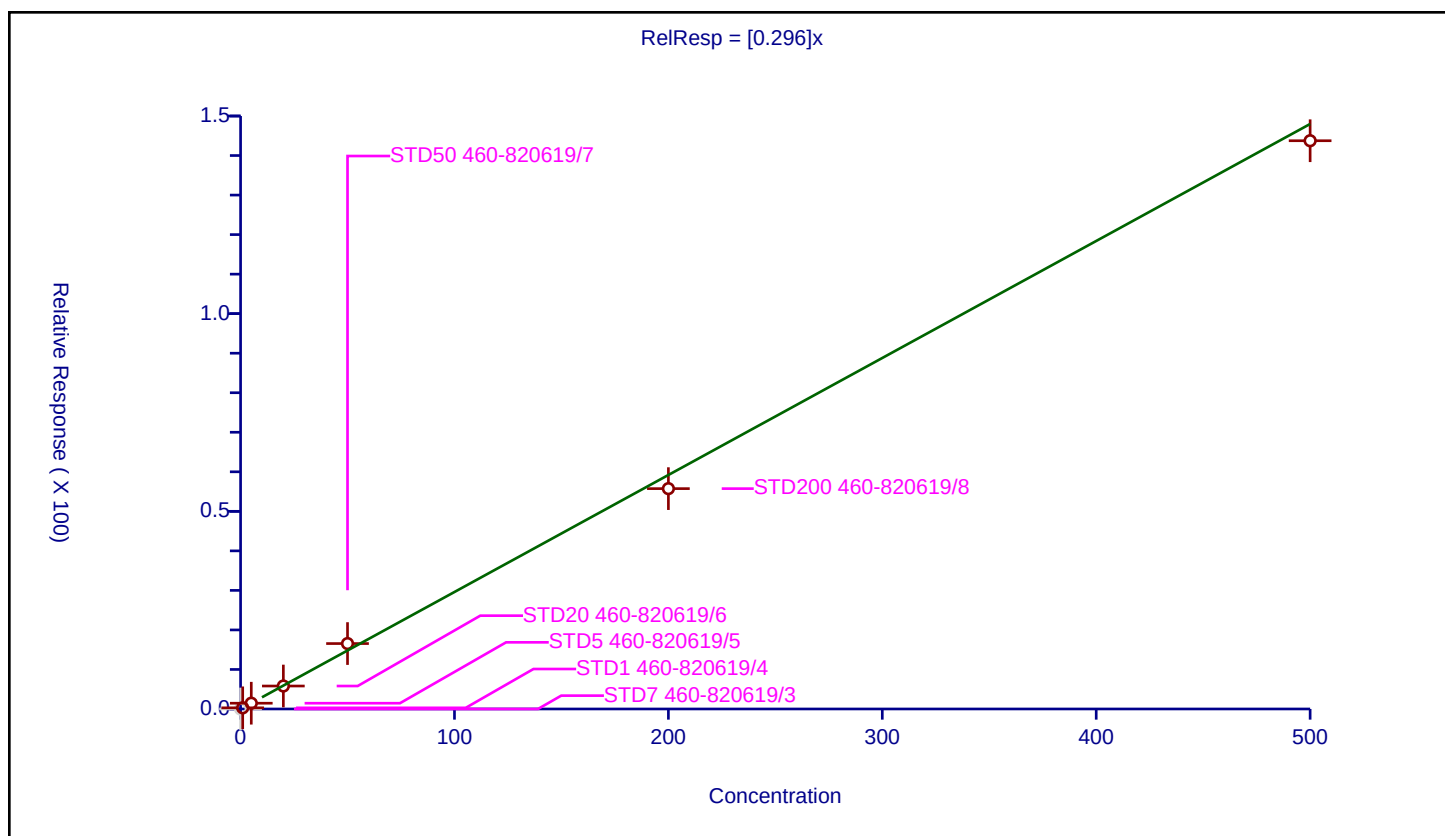
Curve Coefficients

Intercept: 0
 Slope: 0.296

Error Coefficients

Standard Error: 743000
 Relative Standard Error: 6.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.295369	50.0	501914.0	0.295369	Y
3	STD5 460-820619/5	5.0	1.462646	50.0	491404.0	0.292529	Y
4	STD20 460-820619/6	20.0	5.814205	50.0	531801.0	0.29071	Y
5	STD50 460-820619/7	50.0	16.548728	50.0	522729.0	0.330975	Y
6	STD200 460-820619/8	200.0	55.744433	50.0	542621.0	0.278722	Y
7	STD500 460-820619/9	500.0	143.74938	50.0	534275.0	0.287499	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

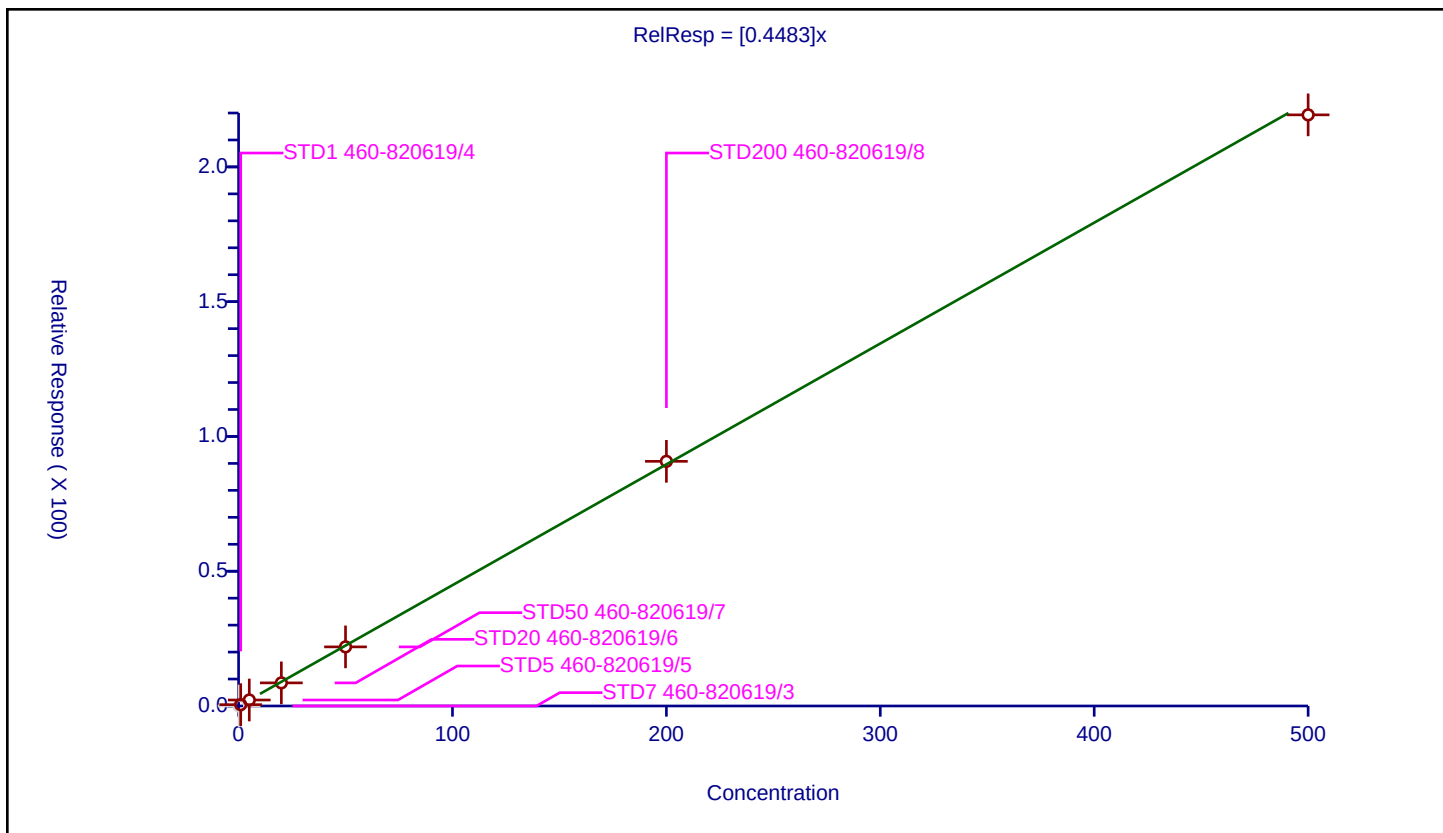
Curve Coefficients

Intercept: 0
 Slope: 0.4483

Error Coefficients

Standard Error: 1140000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.25	0.0	50.0	507731.0	0.0	N
2	STD1 460-820619/4	1.0	0.484844	50.0	501914.0	0.484844	Y
3	STD5 460-820619/5	5.0	2.224646	50.0	491404.0	0.444929	Y
4	STD20 460-820619/6	20.0	8.57614	50.0	531801.0	0.428807	Y
5	STD50 460-820619/7	50.0	21.925606	50.0	522729.0	0.438512	Y
6	STD200 460-820619/8	200.0	90.767036	50.0	542621.0	0.453835	Y
7	STD500 460-820619/9	500.0	219.317861	50.0	534275.0	0.438636	Y



Calibration

/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

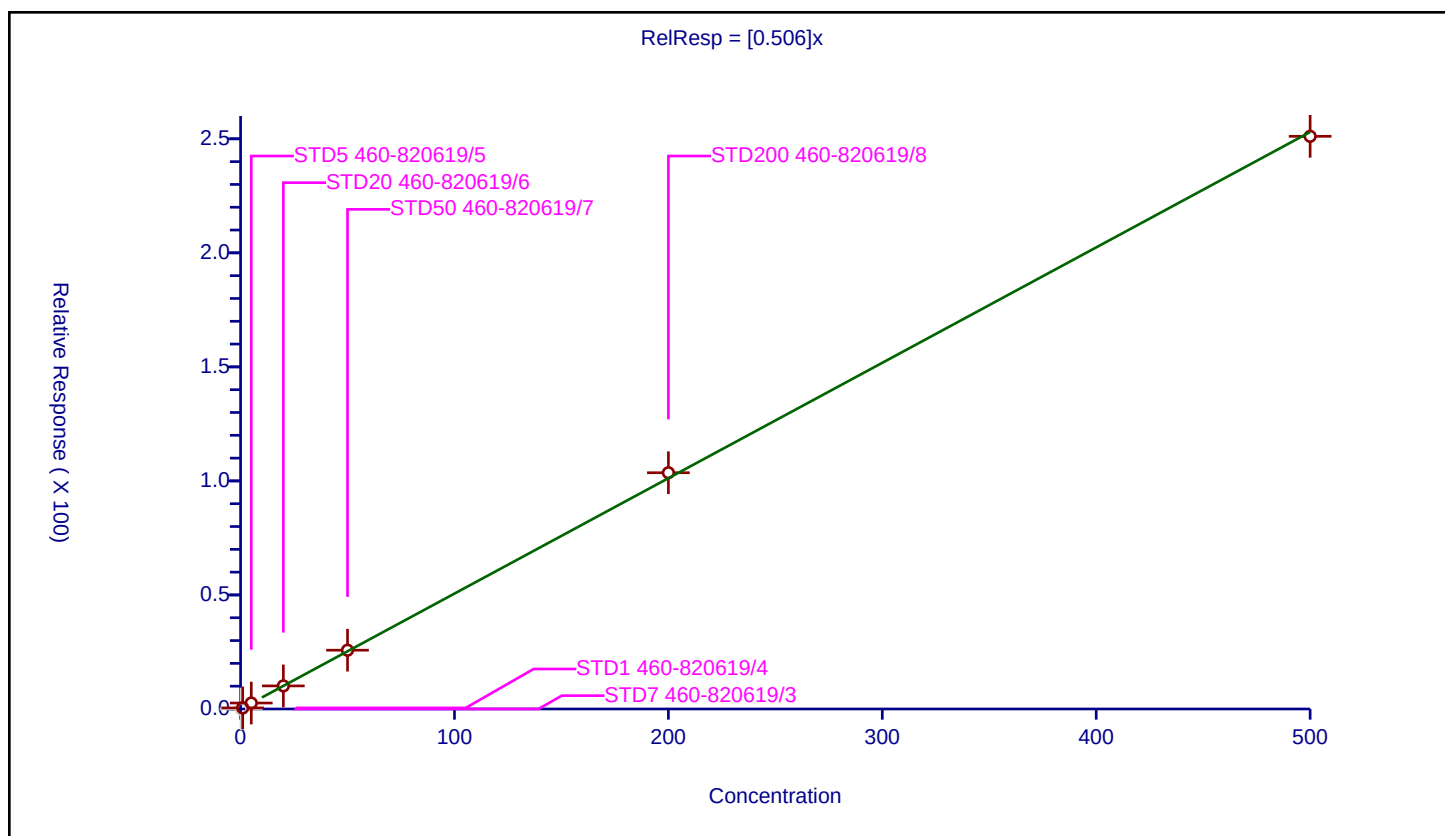
Curve Coefficients

Intercept: 0
 Slope: 0.506

Error Coefficients

Standard Error: 1310000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.25	0.0	50.0	507731.0	0.0	N
2	STD1 460-820619/4	1.0	0.472392	50.0	501914.0	0.472392	Y
3	STD5 460-820619/5	5.0	2.607529	50.0	491404.0	0.521506	Y
4	STD20 460-820619/6	20.0	10.123242	50.0	531801.0	0.506162	Y
5	STD50 460-820619/7	50.0	25.780376	50.0	522729.0	0.515608	Y
6	STD200 460-820619/8	200.0	103.58556	50.0	542621.0	0.517928	Y
7	STD500 460-820619/9	500.0	251.102522	50.0	534275.0	0.502205	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

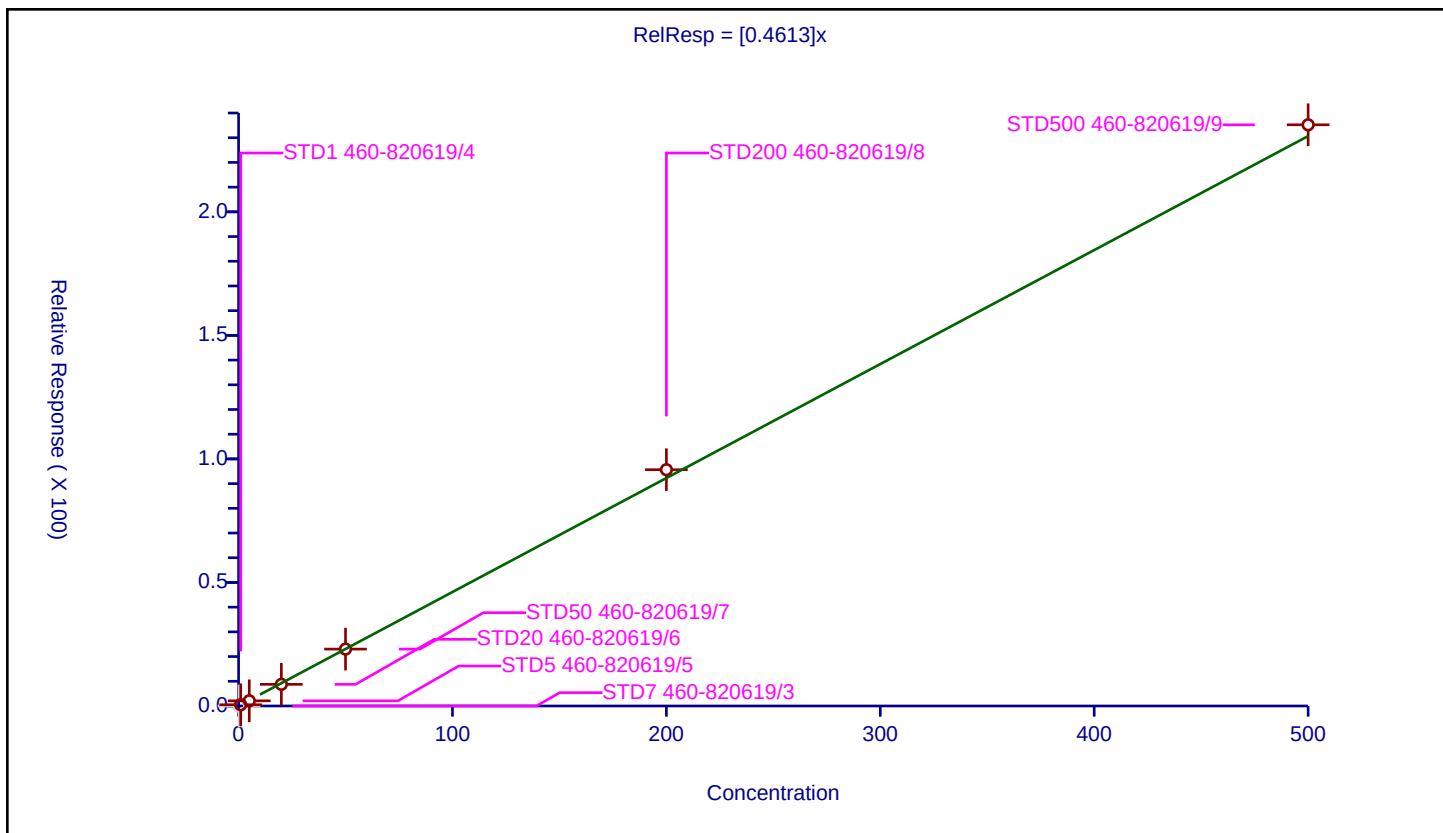
Curve Coefficients

Intercept: 0
 Slope: 0.4613

Error Coefficients

Standard Error: 1220000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.25	0.0	50.0	507731.0	0.0	N
2	STD1 460-820619/4	1.0	0.502277	50.0	501914.0	0.502277	Y
3	STD5 460-820619/5	5.0	2.093084	50.0	491404.0	0.418617	Y
4	STD20 460-820619/6	20.0	8.755061	50.0	531801.0	0.437753	Y
5	STD50 460-820619/7	50.0	23.029428	50.0	522729.0	0.460589	Y
6	STD200 460-820619/8	200.0	95.634153	50.0	542621.0	0.478171	Y
7	STD500 460-820619/9	500.0	235.234196	50.0	534275.0	0.470468	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

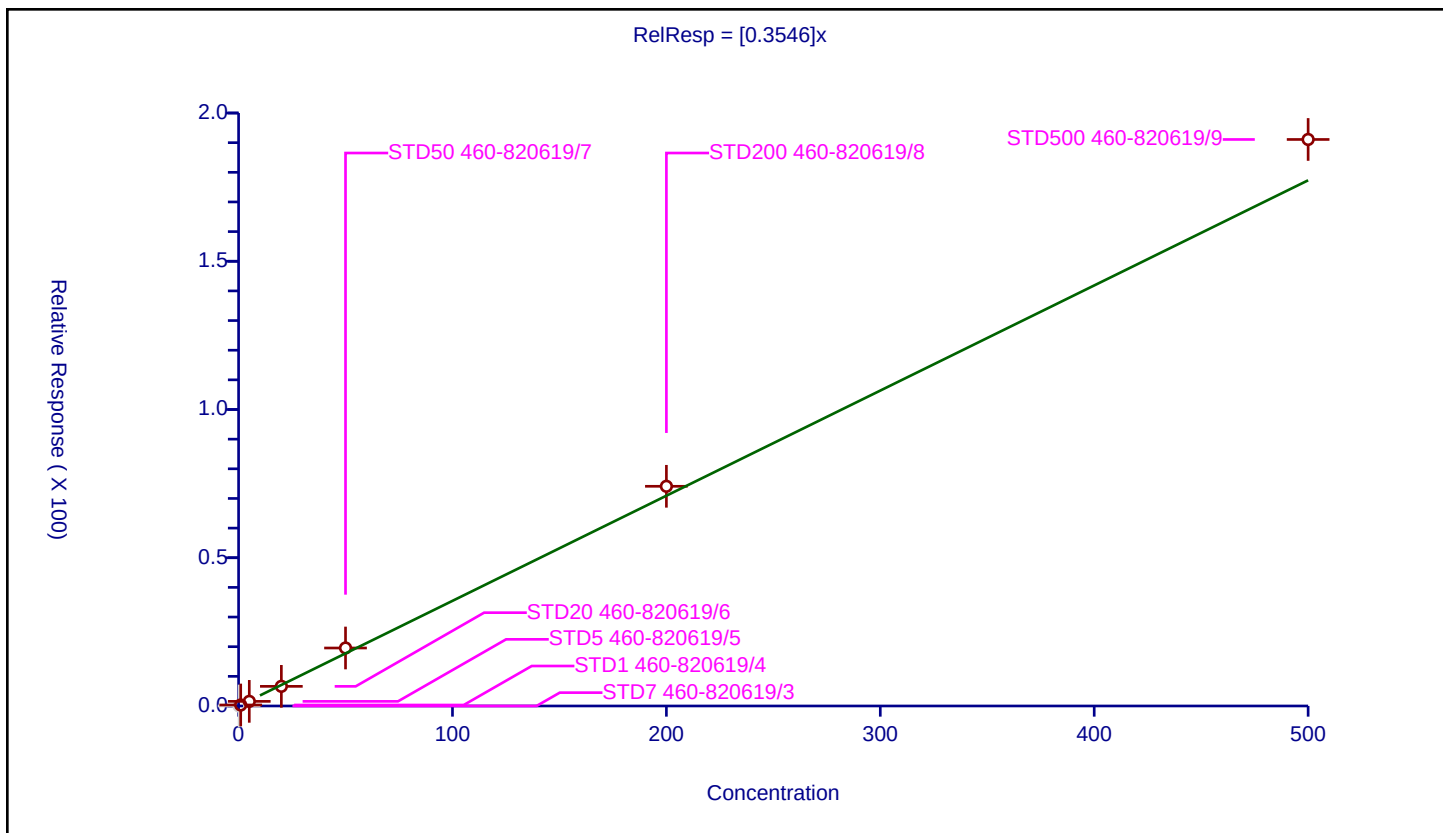
Curve Coefficients

Intercept: 0
 Slope: 0.3546

Error Coefficients

Standard Error: 986000
 Relative Standard Error: 8.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.25	0.0	50.0	507731.0	0.0	N
2	STD1 460-820619/4	1.0	0.340297	50.0	501914.0	0.340297	Y
3	STD5 460-820619/5	5.0	1.561139	50.0	491404.0	0.312228	Y
4	STD20 460-820619/6	20.0	6.625975	50.0	531801.0	0.331299	Y
5	STD50 460-820619/7	50.0	19.55717	50.0	522729.0	0.391143	Y
6	STD200 460-820619/8	200.0	74.100062	50.0	542621.0	0.3705	Y
7	STD500 460-820619/9	500.0	191.081746	50.0	534275.0	0.382163	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

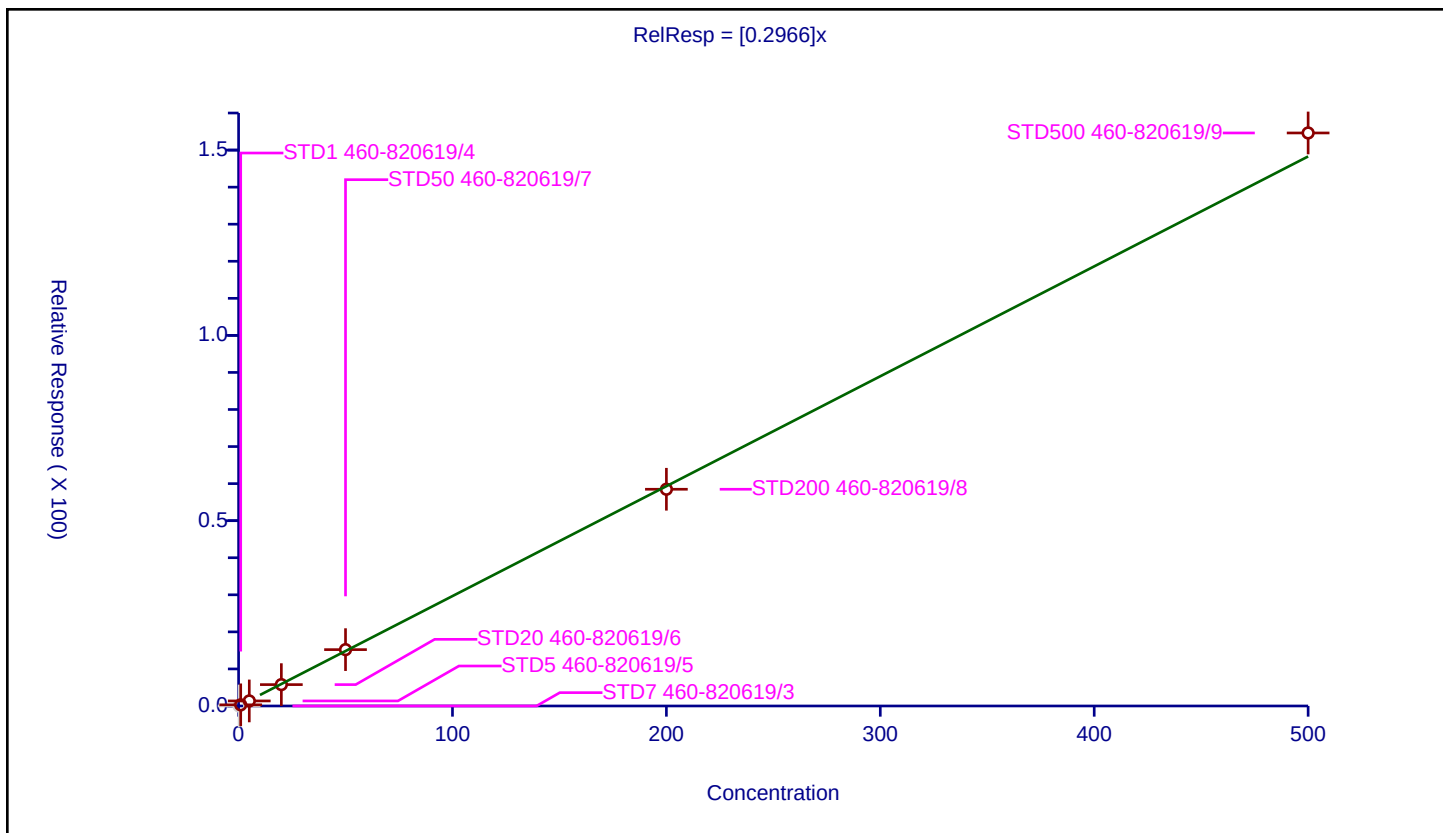
Curve Coefficients

Intercept: 0
 Slope: 0.2966

Error Coefficients

Standard Error: 795000
 Relative Standard Error: 5.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.25	0.0	50.0	507731.0	0.0	N
2	STD1 460-820619/4	1.0	0.312703	50.0	501914.0	0.312703	Y
3	STD5 460-820619/5	5.0	1.361812	50.0	491404.0	0.272362	Y
4	STD20 460-820619/6	20.0	5.770109	50.0	531801.0	0.288505	Y
5	STD50 460-820619/7	50.0	15.206541	50.0	522729.0	0.304131	Y
6	STD200 460-820619/8	200.0	58.47728	50.0	542621.0	0.292386	Y
7	STD500 460-820619/9	500.0	154.615788	50.0	534275.0	0.309232	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

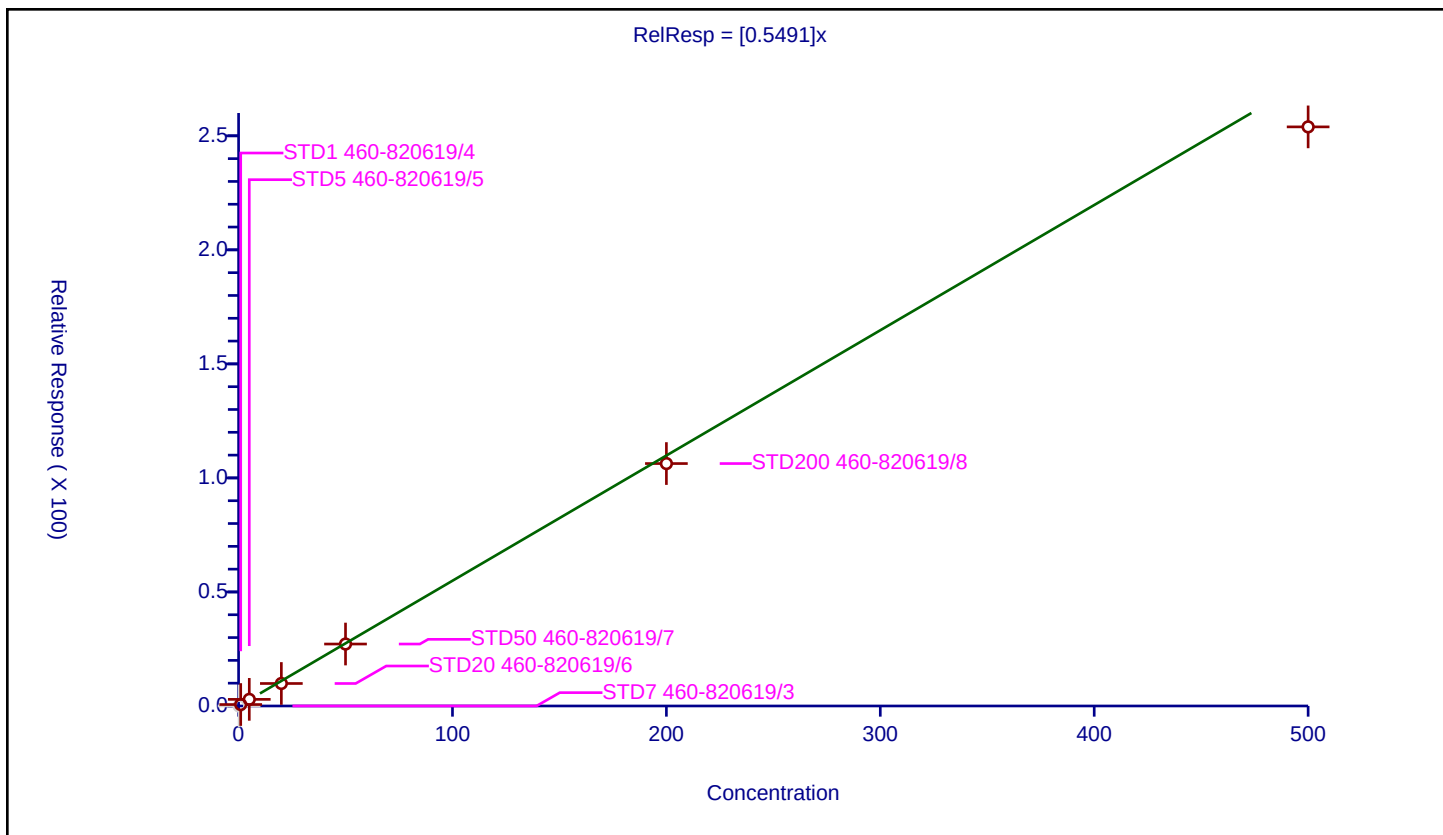
Curve Coefficients

Intercept: 0
 Slope: 0.5491

Error Coefficients

Standard Error: 1330000
 Relative Standard Error: 9.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.25	0.0	50.0	507731.0	0.0	N
2	STD1 460-820619/4	1.0	0.637759	50.0	501914.0	0.637759	Y
3	STD5 460-820619/5	5.0	2.905349	50.0	491404.0	0.58107	Y
4	STD20 460-820619/6	20.0	9.867789	50.0	531801.0	0.493389	Y
5	STD50 460-820619/7	50.0	27.162449	50.0	522729.0	0.543249	Y
6	STD200 460-820619/8	200.0	106.296292	50.0	542621.0	0.531481	Y
7	STD500 460-820619/9	500.0	253.924758	50.0	534275.0	0.50785	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

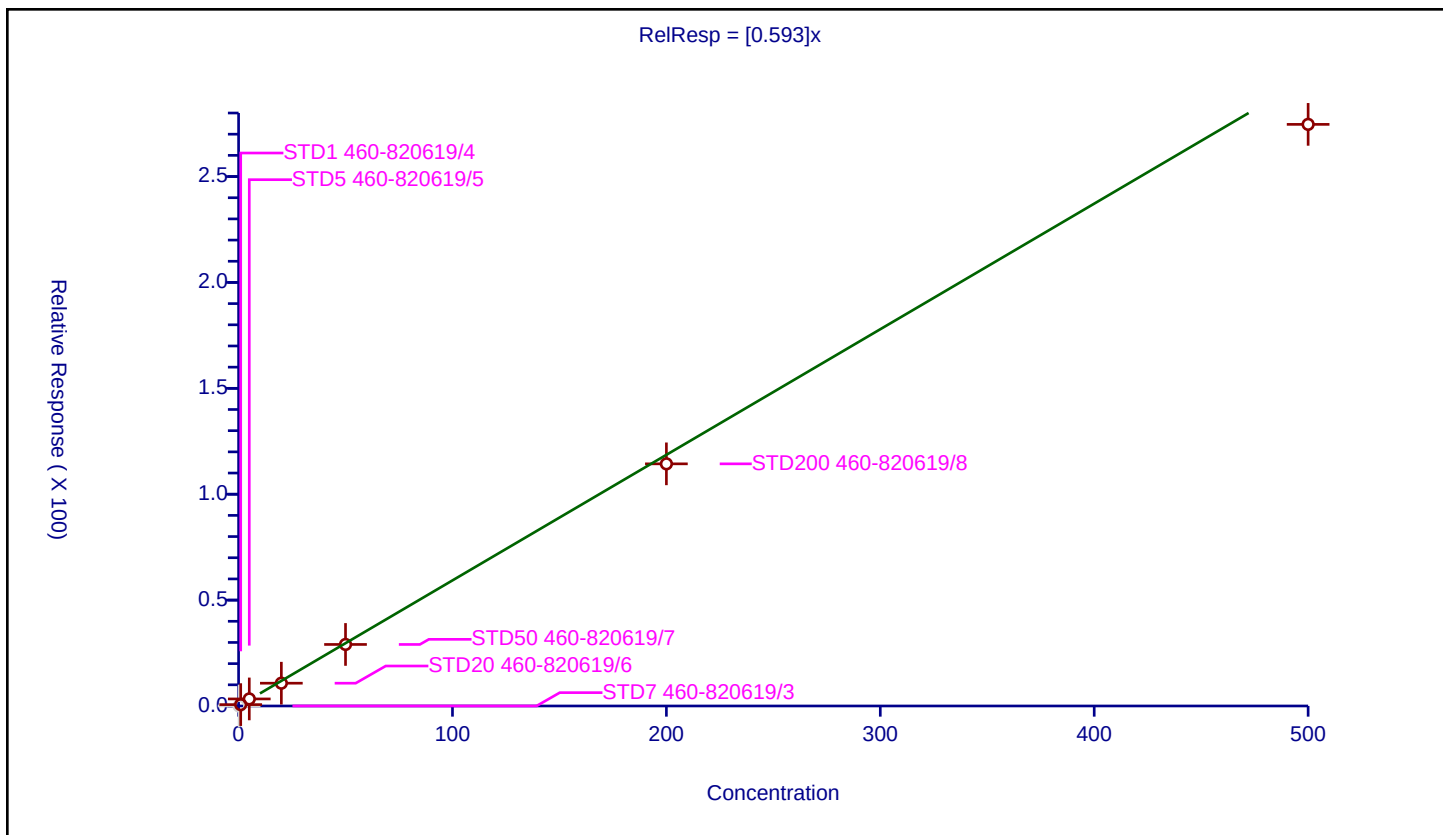
Curve Coefficients

Intercept: 0
 Slope: 0.593

Error Coefficients

Standard Error: 1430000
 Relative Standard Error: 9.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.25	0.0	50.0	507731.0	0.0	N
2	STD1 460-820619/4	1.0	0.651008	50.0	501914.0	0.651008	Y
3	STD5 460-820619/5	5.0	3.334629	50.0	491404.0	0.666926	Y
4	STD20 460-820619/6	20.0	10.760322	50.0	531801.0	0.538016	Y
5	STD50 460-820619/7	50.0	29.051478	50.0	522729.0	0.58103	Y
6	STD200 460-820619/8	200.0	114.34399	50.0	542621.0	0.57172	Y
7	STD500 460-820619/9	500.0	274.638997	50.0	534275.0	0.549278	Y



Calibration

/ Pentane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

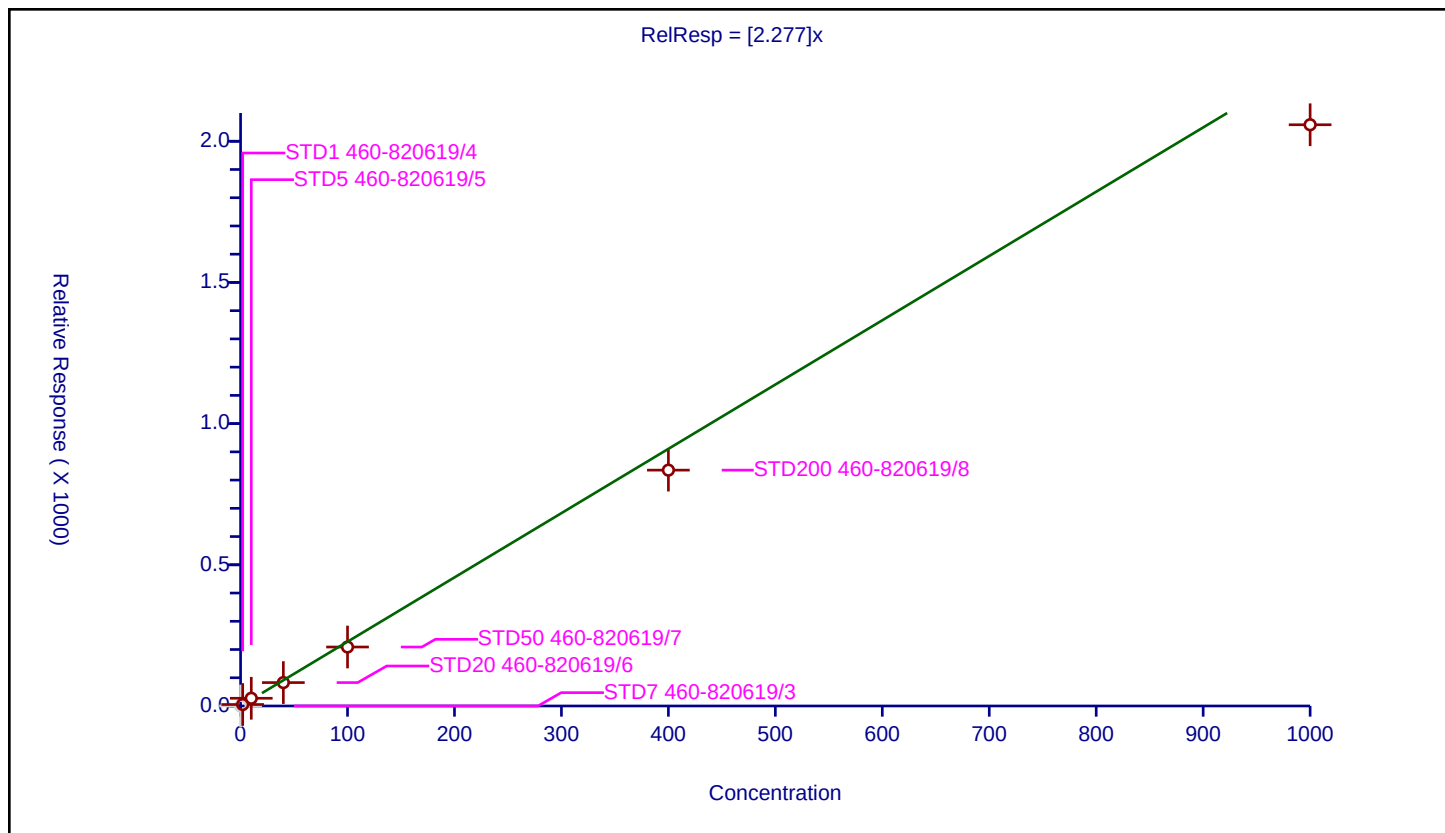
Curve Coefficients

Intercept: 0
 Slope: 2.277

Error Coefficients

Standard Error: 265000
 Relative Standard Error: 13.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	2.0	5.24805	1000.0	253618.0	2.624025	Y
3	STD5 460-820619/5	10.0	27.296263	1000.0	258790.0	2.729626	Y
4	STD20 460-820619/6	40.0	82.840371	1000.0	264557.0	2.071009	Y
5	STD50 460-820619/7	100.0	208.826254	1000.0	265594.0	2.088263	Y
6	STD200 460-820619/8	400.0	835.272307	1000.0	260533.0	2.088181	Y
7	STD500 460-820619/9	1000.0	2058.422579	1000.0	267893.0	2.058423	Y



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

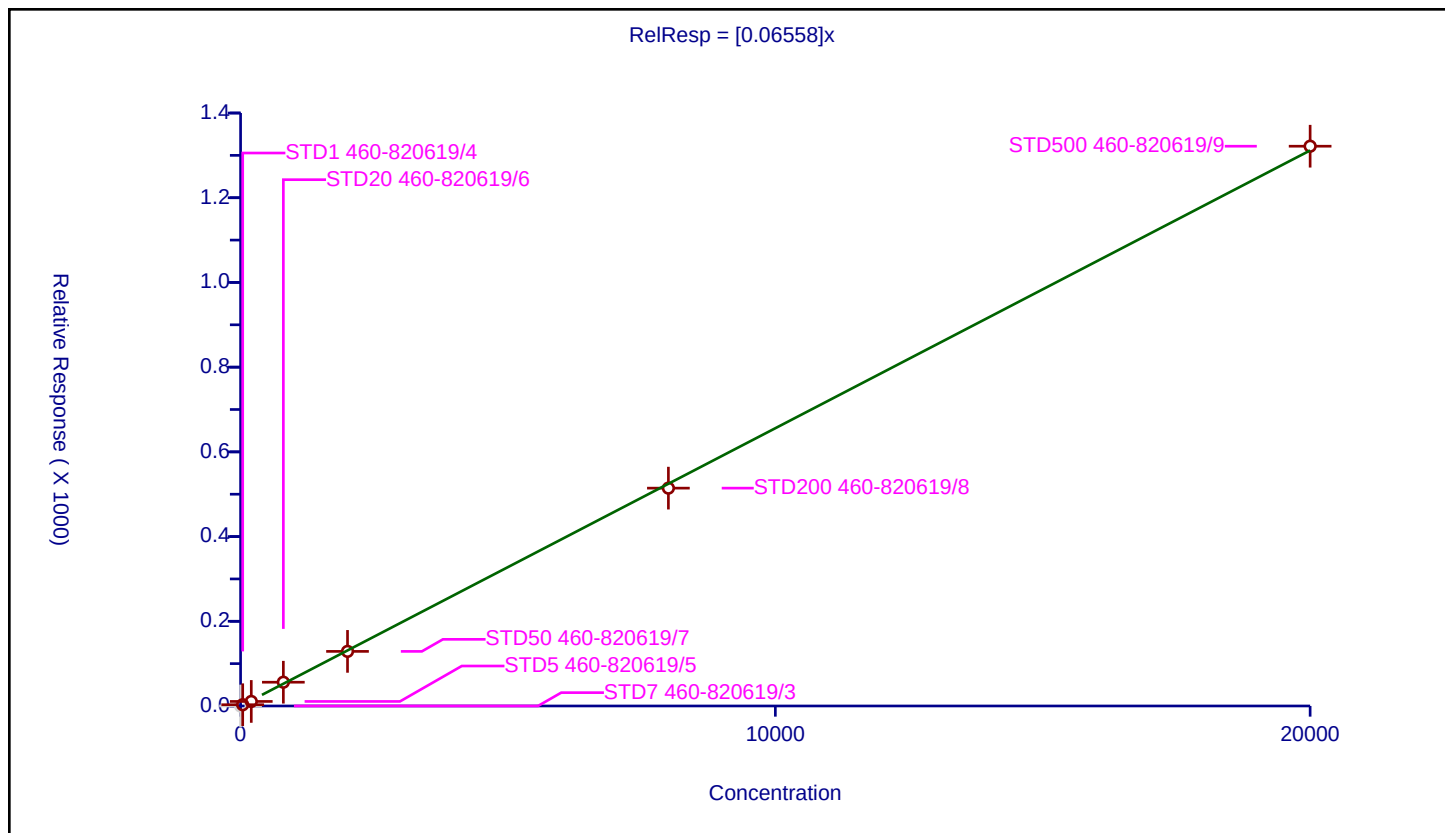
Curve Coefficients

Intercept: 0
 Slope: 0.06558

Error Coefficients

Standard Error: 169000
 Relative Standard Error: 10.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	40.0	2.996633	1000.0	253618.0	0.074916	Y
3	STD5 460-820619/5	200.0	10.715252	1000.0	258790.0	0.053576	Y
4	STD20 460-820619/6	800.0	56.131571	1000.0	264557.0	0.070164	Y
5	STD50 460-820619/7	2000.0	128.918575	1000.0	265594.0	0.064459	Y
6	STD200 460-820619/8	8000.0	514.334077	1000.0	260533.0	0.064292	Y
7	STD500 460-820619/9	20000.0	1321.594816	1000.0	267893.0	0.06608	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

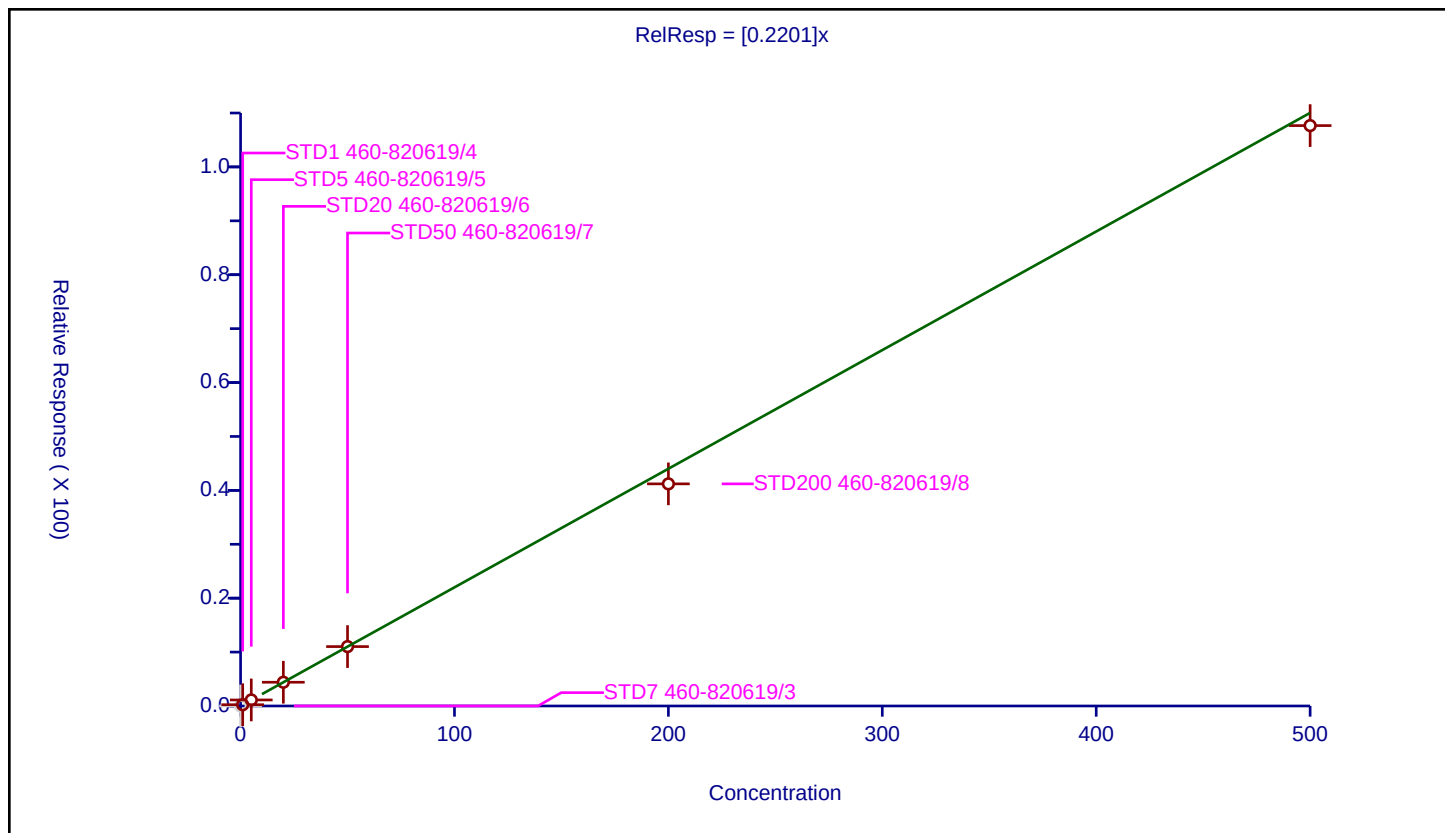
Curve Coefficients

Intercept: 0
 Slope: 0.2201

Error Coefficients

Standard Error: 555000
 Relative Standard Error: 4.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.234602	50.0	501914.0	0.234602	Y
3	STD5 460-820619/5	5.0	1.118937	50.0	491404.0	0.223787	Y
4	STD20 460-820619/6	20.0	4.404279	50.0	531801.0	0.220214	Y
5	STD50 460-820619/7	50.0	11.017564	50.0	522729.0	0.220351	Y
6	STD200 460-820619/8	200.0	41.206385	50.0	542621.0	0.206032	Y
7	STD500 460-820619/9	500.0	107.664779	50.0	534275.0	0.21533	Y



Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

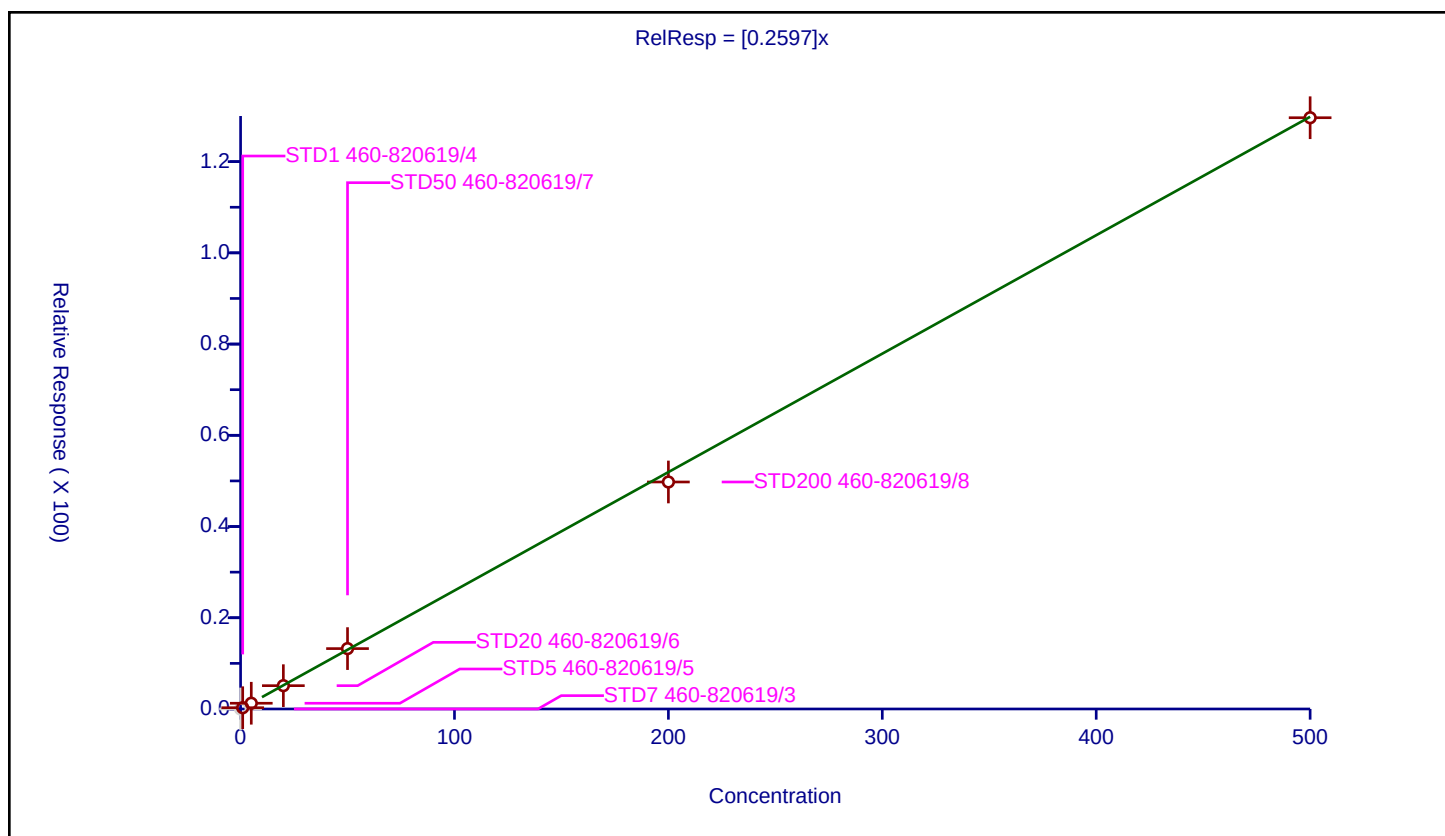
Curve Coefficients

Intercept: 0
Slope: 0.2597

Error Coefficients

Standard Error: 668000
Relative Standard Error: 4.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.277637	50.0	501914.0	0.277637	Y
3	STD5 460-820619/5	5.0	1.259961	50.0	491404.0	0.251992	Y
4	STD20 460-820619/6	20.0	5.109618	50.0	531801.0	0.255481	Y
5	STD50 460-820619/7	50.0	13.239078	50.0	522729.0	0.264782	Y
6	STD200 460-820619/8	200.0	49.765582	50.0	542621.0	0.248828	Y
7	STD500 460-820619/9	500.0	129.626597	50.0	534275.0	0.259253	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

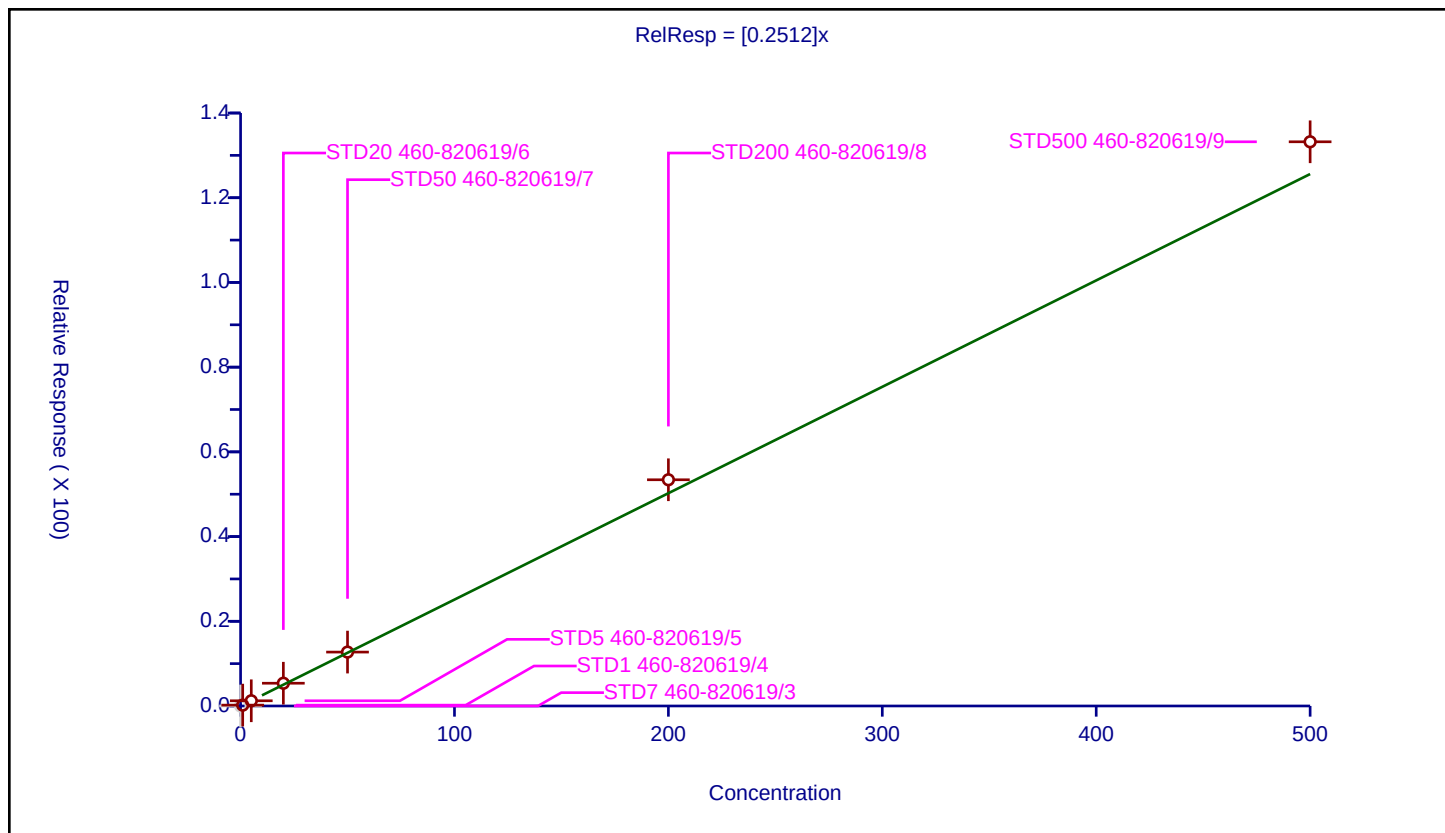
Curve Coefficients

Intercept: 0
 Slope: 0.2512

Error Coefficients

Standard Error: 690000
 Relative Standard Error: 9.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.204218	50.0	501914.0	0.204218	Y
3	STD5 460-820619/5	5.0	1.230759	50.0	491404.0	0.246152	Y
4	STD20 460-820619/6	20.0	5.373627	50.0	531801.0	0.268681	Y
5	STD50 460-820619/7	50.0	12.727628	50.0	522729.0	0.254553	Y
6	STD200 460-820619/8	200.0	53.411129	50.0	542621.0	0.267056	Y
7	STD500 460-820619/9	500.0	133.204436	50.0	534275.0	0.266409	Y



Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

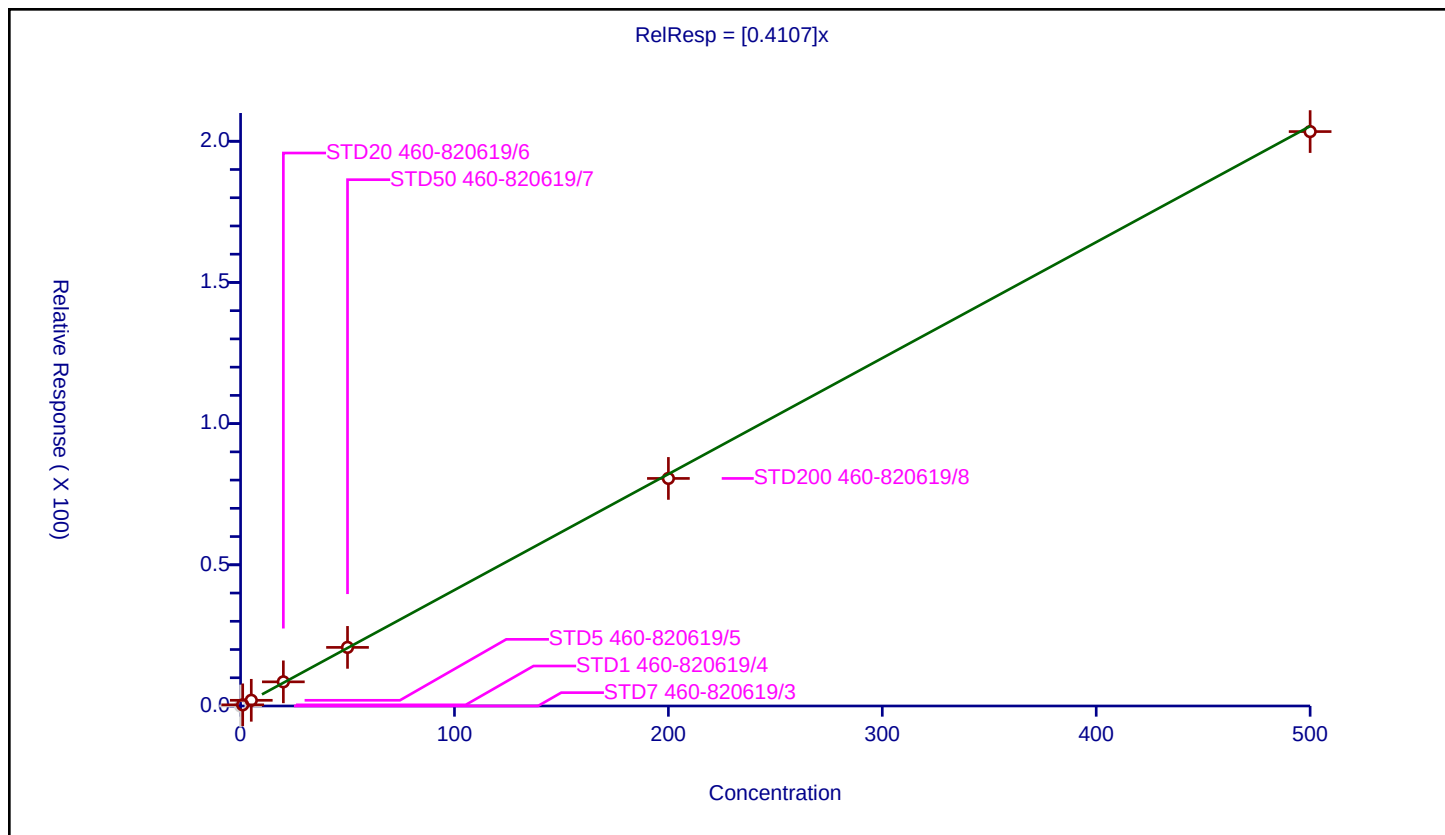
Curve Coefficients

Intercept: 0
 Slope: 0.4107

Error Coefficients

Standard Error: 1050000
 Relative Standard Error: 2.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.408835	50.0	501914.0	0.408835	Y
3	STD5 460-820619/5	5.0	2.013008	50.0	491404.0	0.402602	Y
4	STD20 460-820619/6	20.0	8.553575	50.0	531801.0	0.427679	Y
5	STD50 460-820619/7	50.0	20.754636	50.0	522729.0	0.415093	Y
6	STD200 460-820619/8	200.0	80.587648	50.0	542621.0	0.402938	Y
7	STD500 460-820619/9	500.0	203.424079	50.0	534275.0	0.406848	Y



Calibration

/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

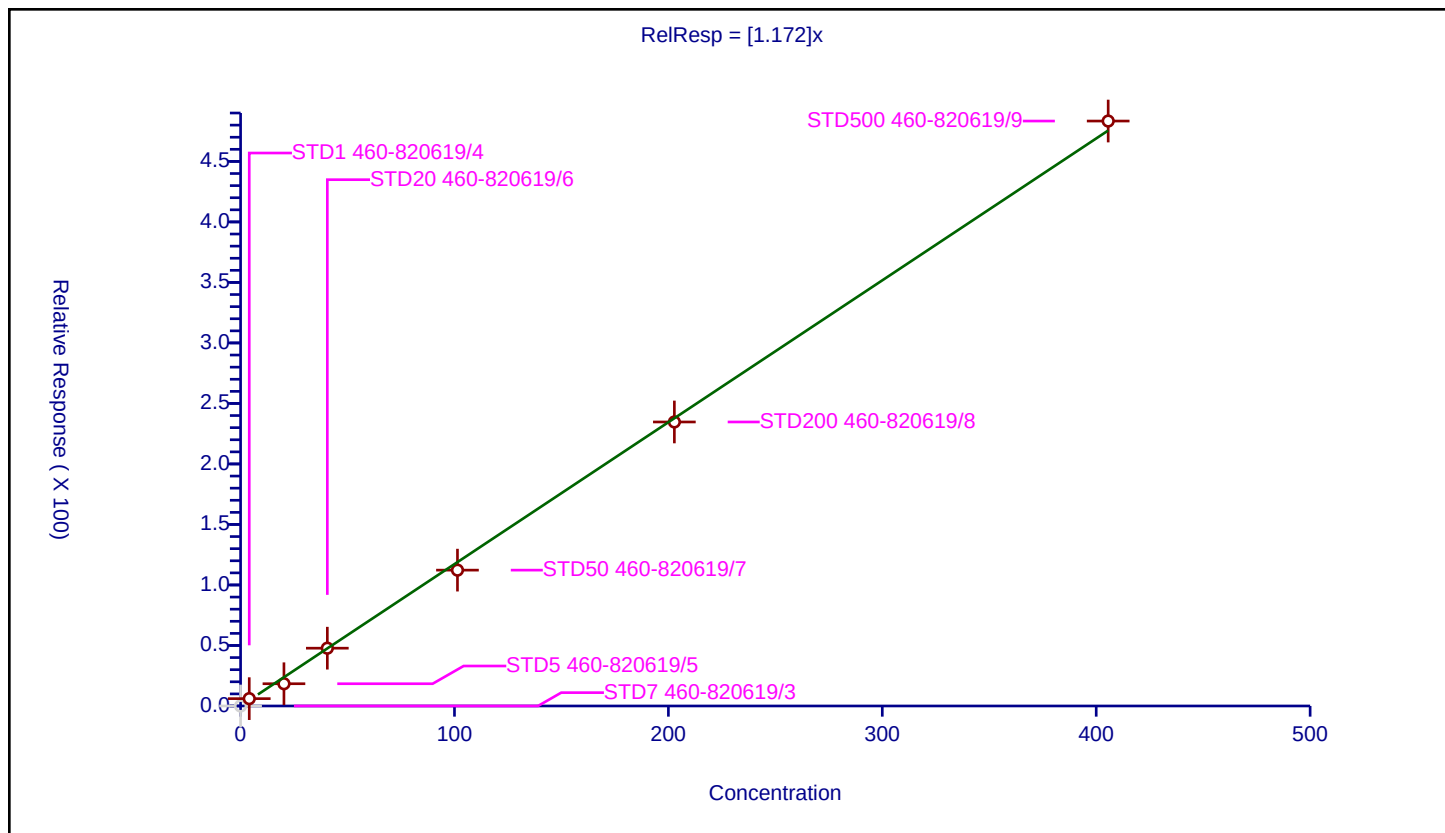
Curve Coefficients

Intercept: 0
 Slope: 1.172

Error Coefficients

Standard Error: 65500
 Relative Standard Error: 16.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	4.056	6.060295	1000.0	253618.0	1.494156	Y
3	STD5 460-820619/5	20.28	18.393292	1000.0	258790.0	0.906967	Y
4	STD20 460-820619/6	40.56	47.755304	1000.0	264557.0	1.177399	Y
5	STD50 460-820619/7	101.4	112.265337	1000.0	265594.0	1.107153	Y
6	STD200 460-820619/8	202.8	234.695797	1000.0	260533.0	1.157277	Y
7	STD500 460-820619/9	405.6	483.364627	1000.0	267893.0	1.191727	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

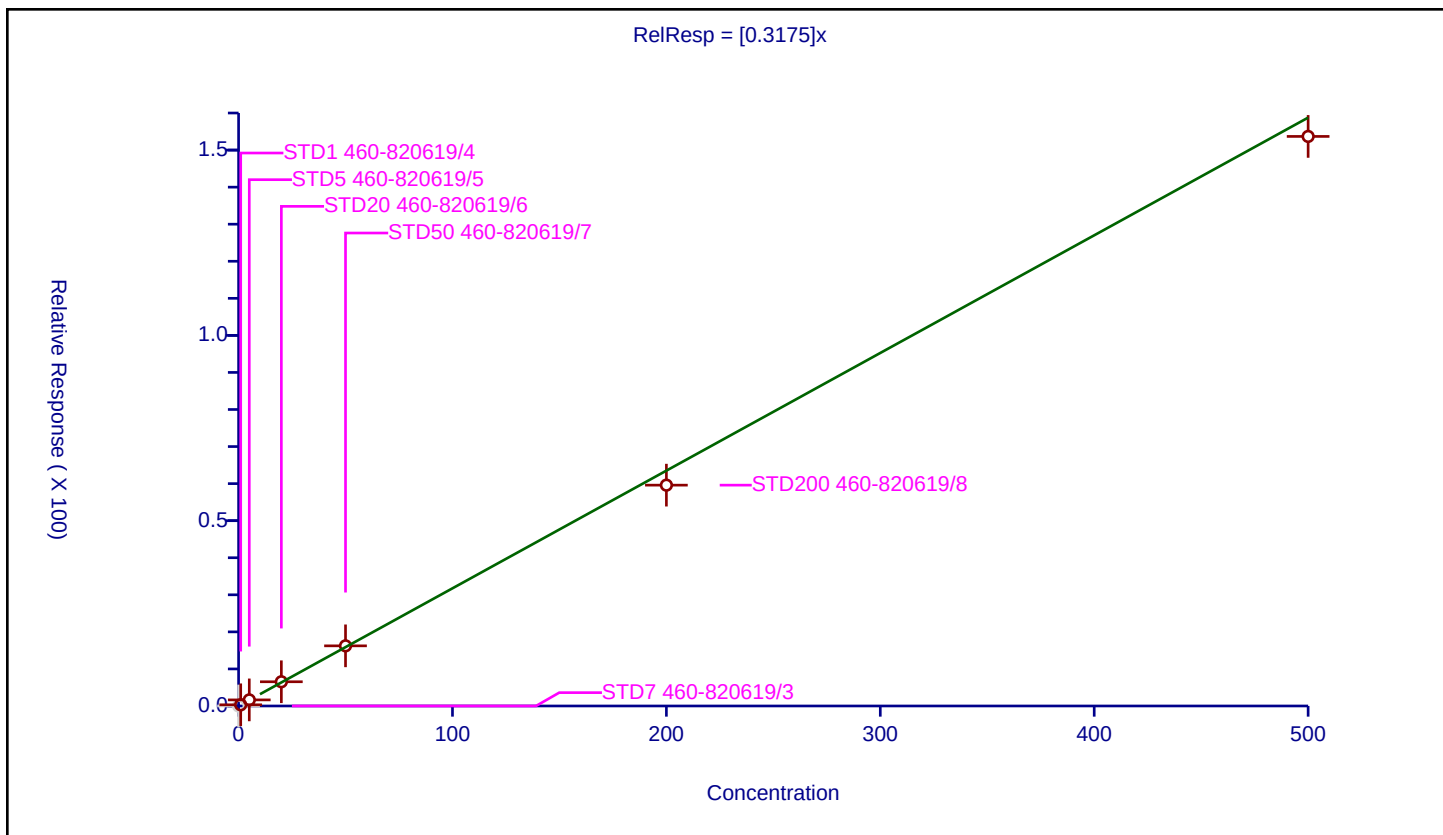
Curve Coefficients

Intercept: 0
 Slope: 0.3175

Error Coefficients

Standard Error: 794000
 Relative Standard Error: 3.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.320174	50.0	501914.0	0.320174	Y
3	STD5 460-820619/5	5.0	1.641725	50.0	491404.0	0.328345	Y
4	STD20 460-820619/6	20.0	6.533835	50.0	531801.0	0.326692	Y
5	STD50 460-820619/7	50.0	16.225903	50.0	522729.0	0.324518	Y
6	STD200 460-820619/8	200.0	59.591133	50.0	542621.0	0.297956	Y
7	STD500 460-820619/9	500.0	153.684432	50.0	534275.0	0.307369	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

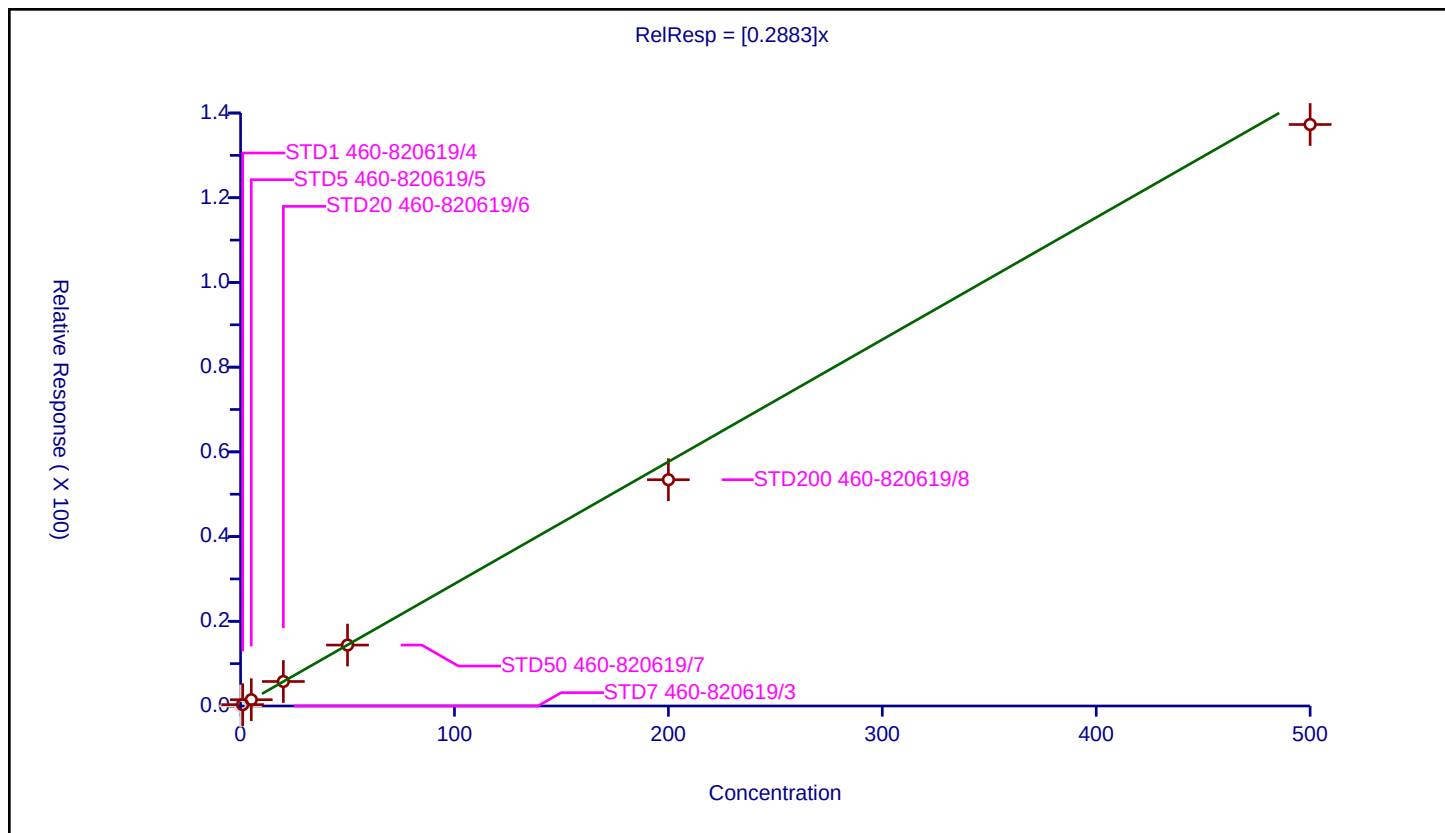
Curve Coefficients

Intercept: 0
 Slope: 0.2883

Error Coefficients

Standard Error: 709000
 Relative Standard Error: 5.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.314795	50.0	501914.0	0.314795	Y
3	STD5 460-820619/5	5.0	1.48269	50.0	491404.0	0.296538	Y
4	STD20 460-820619/6	20.0	5.785811	50.0	531801.0	0.289291	Y
5	STD50 460-820619/7	50.0	14.385083	50.0	522729.0	0.287702	Y
6	STD200 460-820619/8	200.0	53.422555	50.0	542621.0	0.267113	Y
7	STD500 460-820619/9	500.0	137.2852	50.0	534275.0	0.27457	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

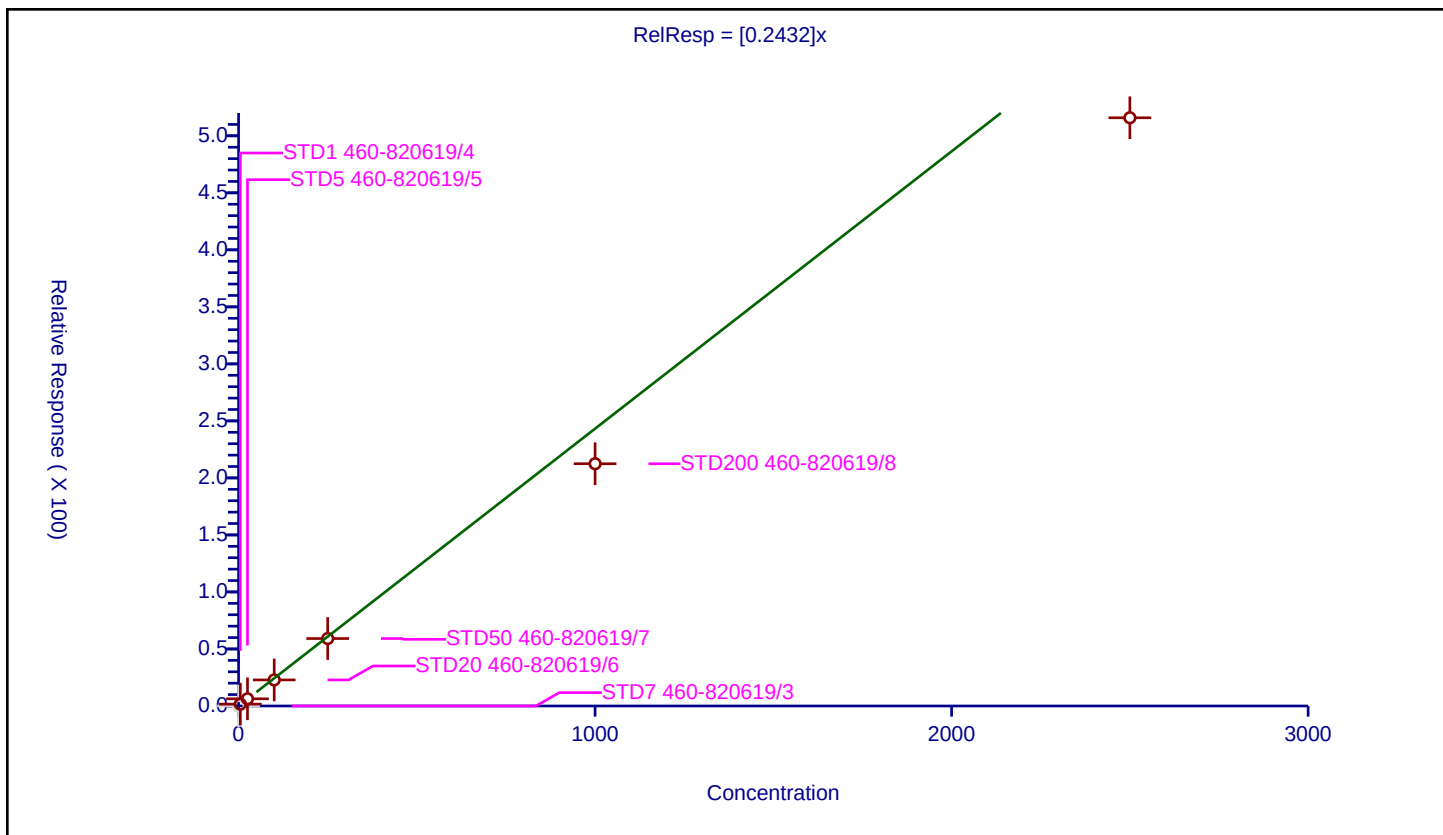
Curve Coefficients

Intercept: 0
 Slope: 0.2432

Error Coefficients

Standard Error: 297000
 Relative Standard Error: 17.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	250.0	276984.0	NaN	N
2	STD1 460-820619/4	5.0	1.618135	250.0	271918.0	0.323627	Y
3	STD5 460-820619/5	25.0	6.291158	250.0	267717.0	0.251646	Y
4	STD20 460-820619/6	100.0	22.851683	250.0	277857.0	0.228517	Y
5	STD50 460-820619/7	250.0	59.142875	250.0	273169.0	0.236571	Y
6	STD200 460-820619/8	1000.0	212.448618	250.0	281714.0	0.212449	Y
7	STD500 460-820619/9	2500.0	515.826402	250.0	298299.0	0.206331	Y



Calibration

/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

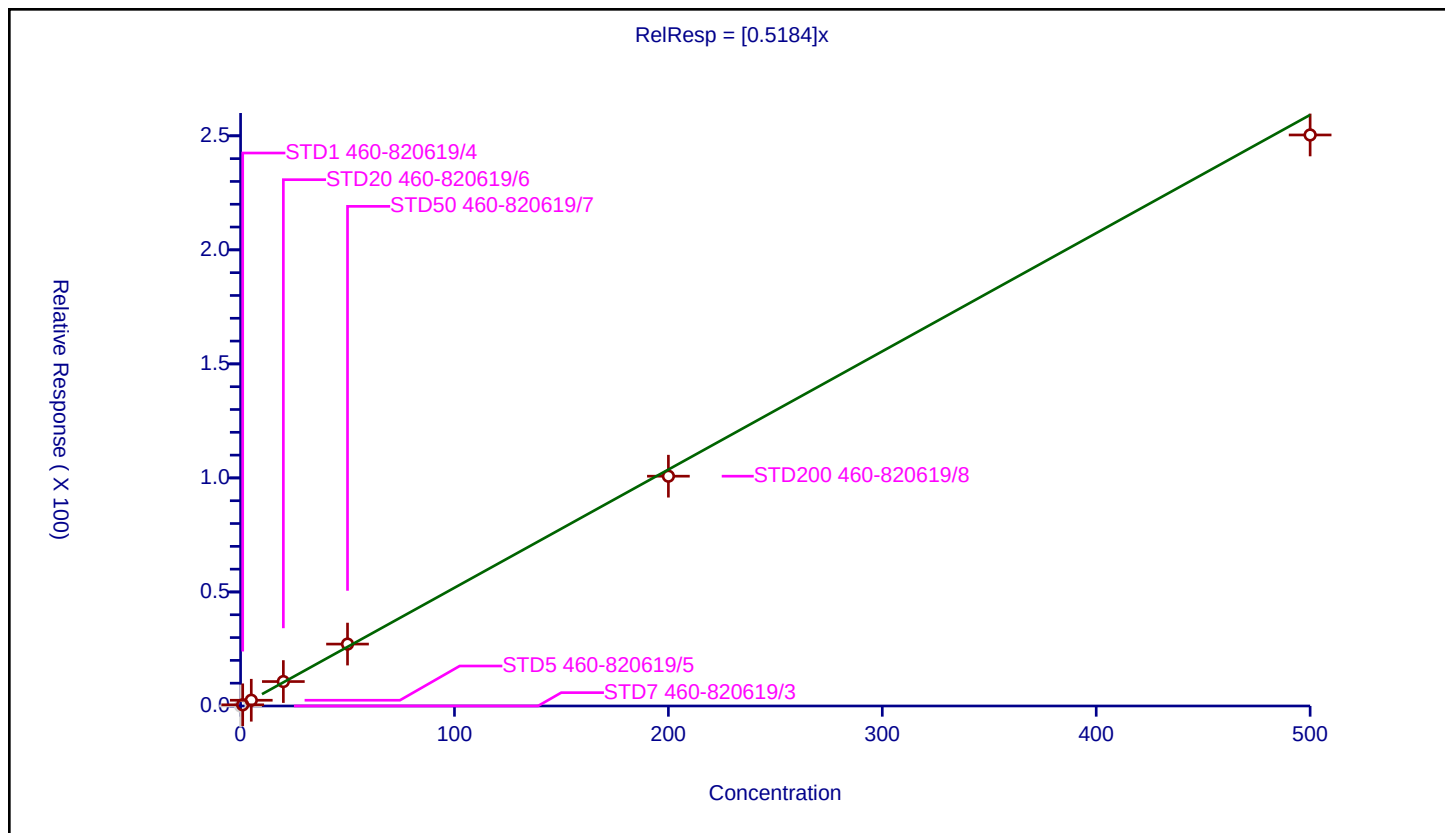
Curve Coefficients

Intercept: 0
 Slope: 0.5184

Error Coefficients

Standard Error: 1300000
 Relative Standard Error: 3.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.523297	50.0	501914.0	0.523297	Y
3	STD5 460-820619/5	5.0	2.517684	50.0	491404.0	0.503537	Y
4	STD20 460-820619/6	20.0	10.715286	50.0	531801.0	0.535764	Y
5	STD50 460-820619/7	50.0	27.146093	50.0	522729.0	0.542922	Y
6	STD200 460-820619/8	200.0	100.764991	50.0	542621.0	0.503825	Y
7	STD500 460-820619/9	500.0	250.381545	50.0	534275.0	0.500763	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

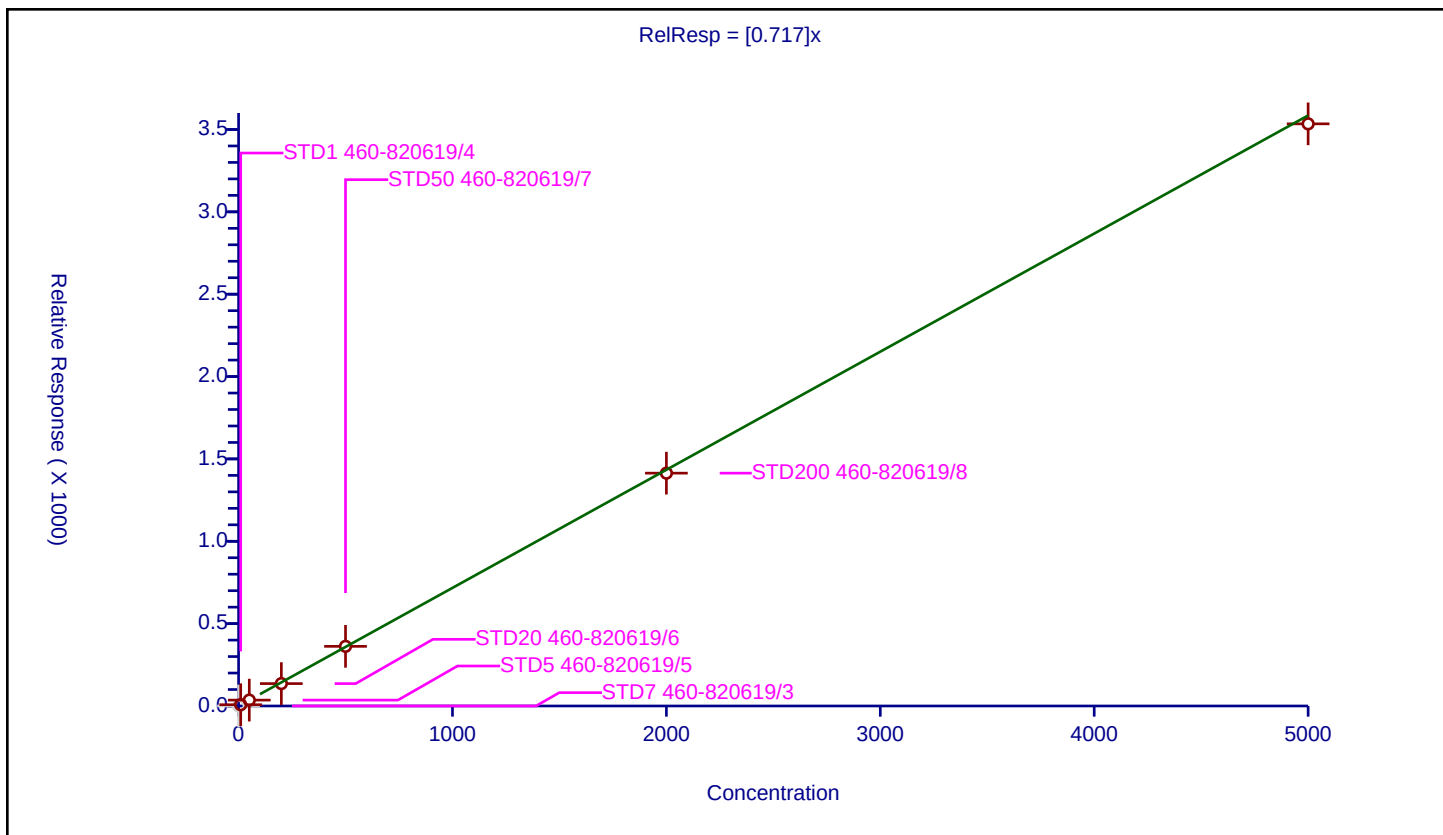
Curve Coefficients

Intercept: 0
 Slope: 0.717

Error Coefficients

Standard Error: 455000
 Relative Standard Error: 4.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	10.0	7.724215	1000.0	253618.0	0.772422	Y
3	STD5 460-820619/5	50.0	35.627343	1000.0	258790.0	0.712547	Y
4	STD20 460-820619/6	200.0	135.864861	1000.0	264557.0	0.679324	Y
5	STD50 460-820619/7	500.0	362.101553	1000.0	265594.0	0.724203	Y
6	STD200 460-820619/8	2000.0	1413.625145	1000.0	260533.0	0.706813	Y
7	STD500 460-820619/9	5000.0	3534.231951	1000.0	267893.0	0.706846	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

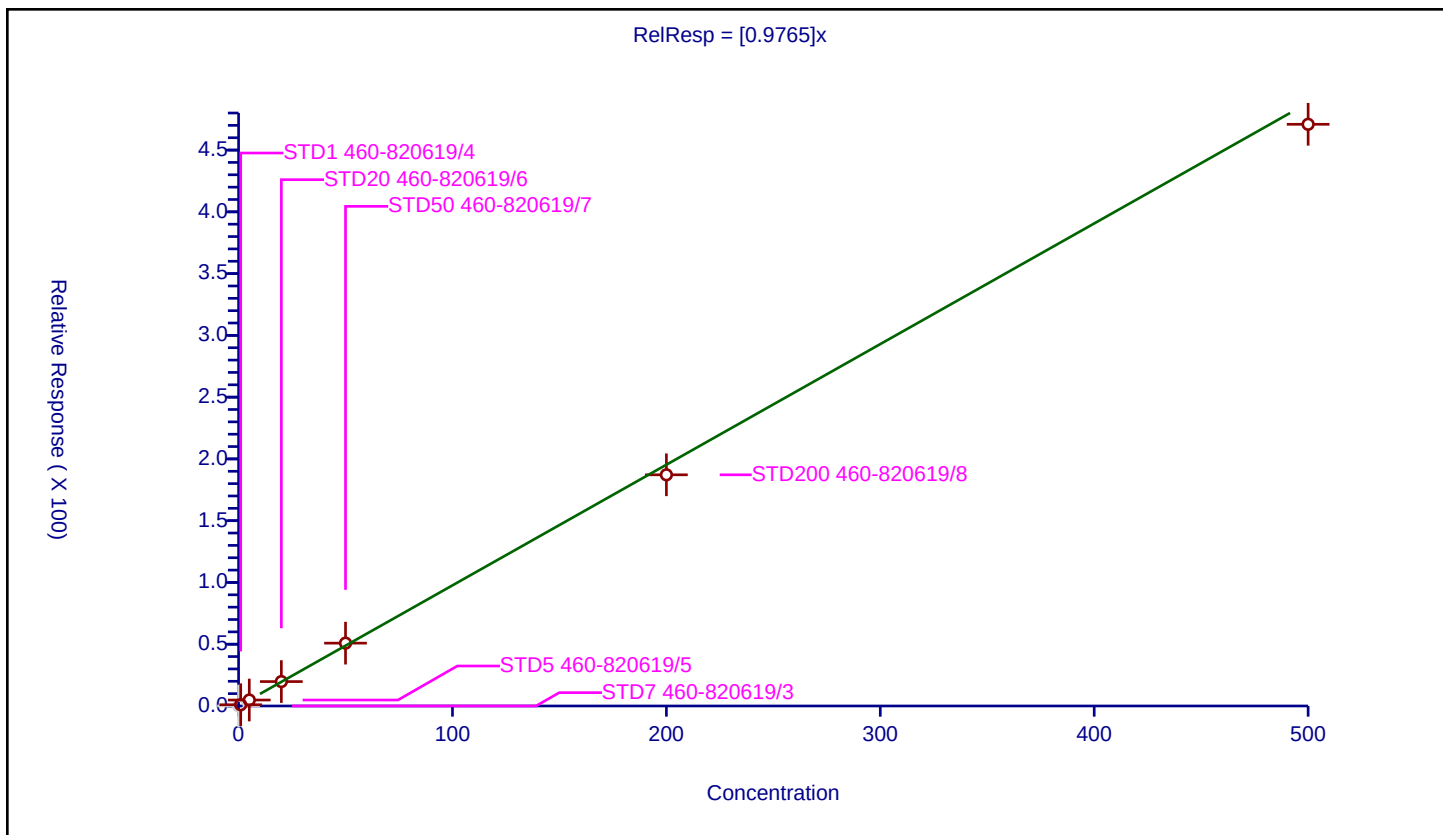
Curve Coefficients

Intercept: 0
 Slope: 0.9765

Error Coefficients

Standard Error: 2440000
 Relative Standard Error: 3.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	1.010332	50.0	501914.0	1.010332	Y
3	STD5 460-820619/5	5.0	4.826579	50.0	491404.0	0.965316	Y
4	STD20 460-820619/6	20.0	19.768485	50.0	531801.0	0.988424	Y
5	STD50 460-820619/7	50.0	50.868997	50.0	522729.0	1.01738	Y
6	STD200 460-820619/8	200.0	187.149318	50.0	542621.0	0.935747	Y
7	STD500 460-820619/9	500.0	470.873052	50.0	534275.0	0.941746	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

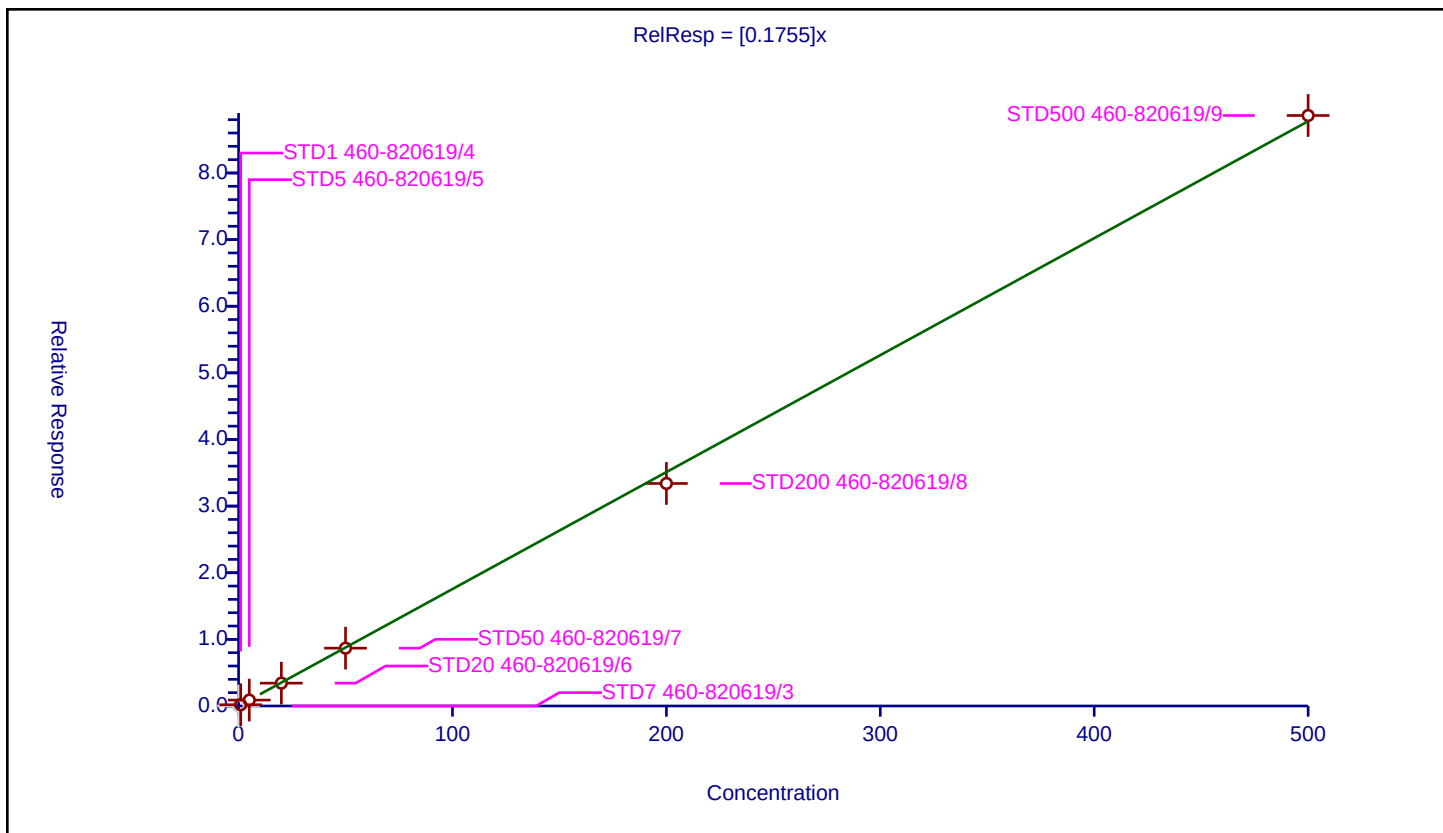
Curve Coefficients

Intercept: 0
 Slope: 0.1755

Error Coefficients

Standard Error: 456000
 Relative Standard Error: 3.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.186885	50.0	501914.0	0.186885	Y
3	STD5 460-820619/5	5.0	0.884812	50.0	491404.0	0.176962	Y
4	STD20 460-820619/6	20.0	3.429666	50.0	531801.0	0.171483	Y
5	STD50 460-820619/7	50.0	8.679832	50.0	522729.0	0.173597	Y
6	STD200 460-820619/8	200.0	33.397989	50.0	542621.0	0.16699	Y
7	STD500 460-820619/9	500.0	88.625801	50.0	534275.0	0.177252	Y



Calibration

/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

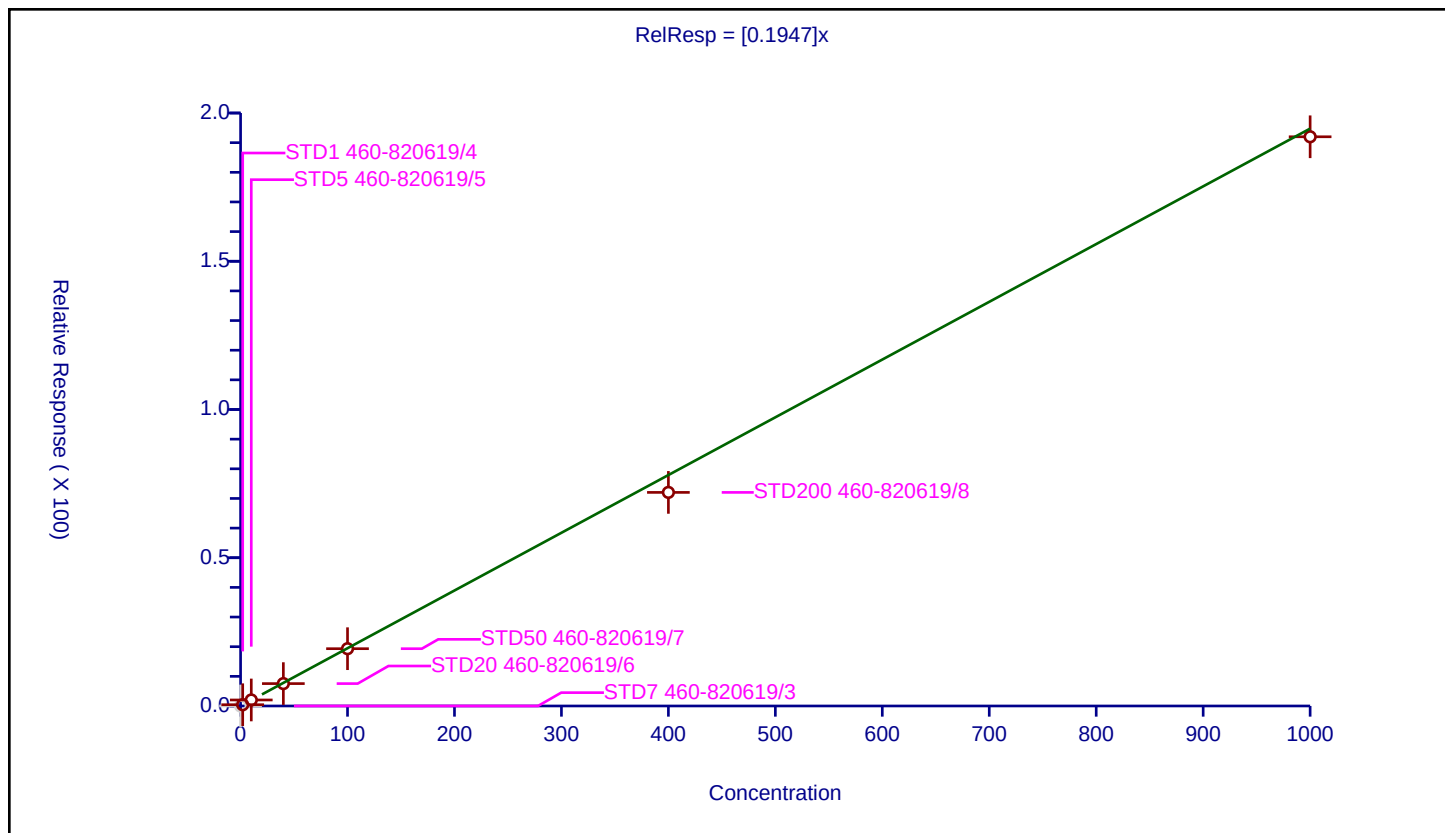
Curve Coefficients

Intercept: 0
 Slope: 0.1947

Error Coefficients

Standard Error: 987000
 Relative Standard Error: 5.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	2.0	0.422881	50.0	501914.0	0.211441	Y
3	STD5 460-820619/5	10.0	2.030102	50.0	491404.0	0.20301	Y
4	STD20 460-820619/6	40.0	7.546244	50.0	531801.0	0.188656	Y
5	STD50 460-820619/7	100.0	19.324067	50.0	522729.0	0.193241	Y
6	STD200 460-820619/8	400.0	72.036744	50.0	542621.0	0.180092	Y
7	STD500 460-820619/9	1000.0	191.985775	50.0	534275.0	0.191986	Y



Calibration

/ Cyclopentene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

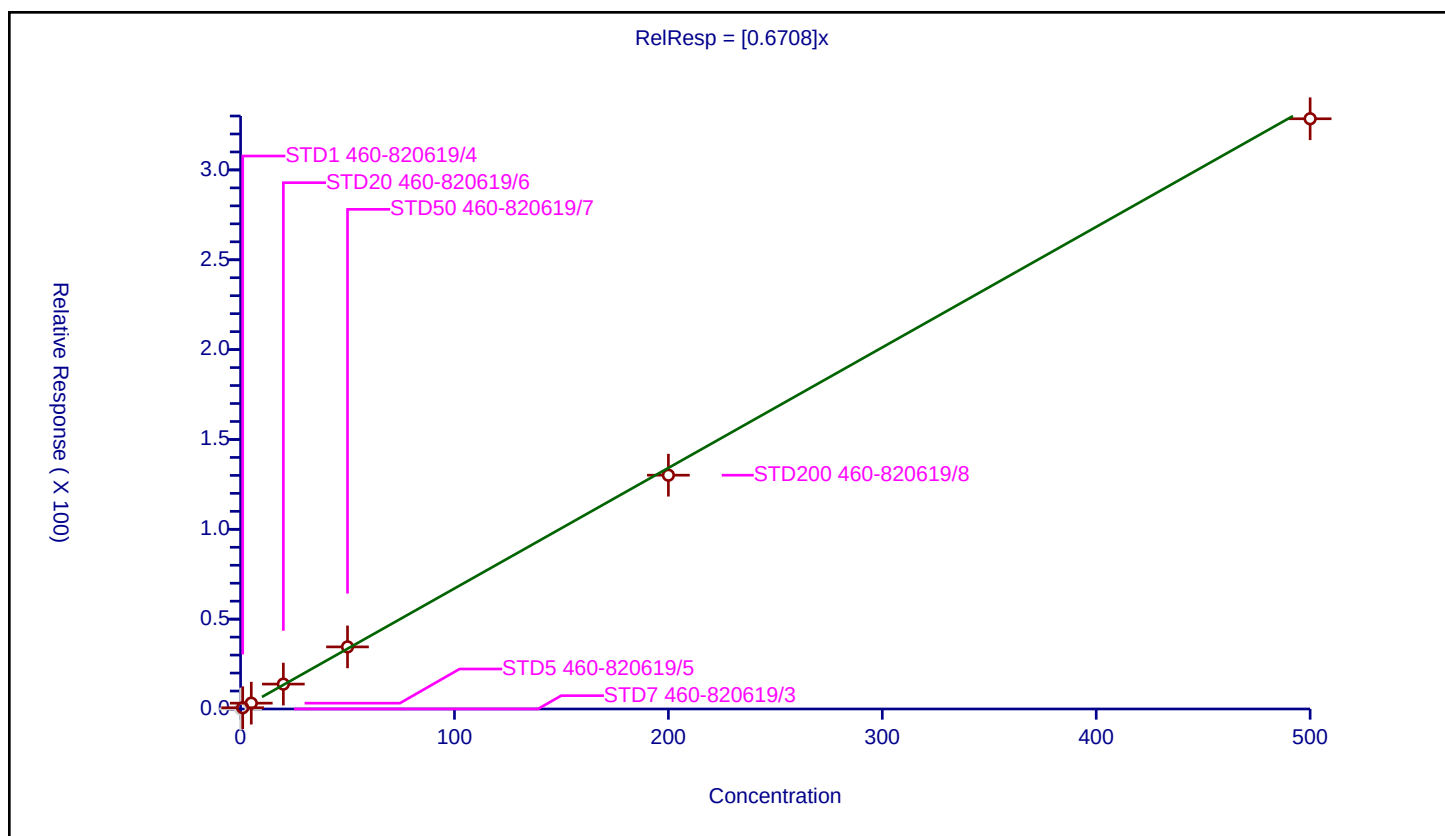
Curve Coefficients

Intercept: 0
Slope: 0.6708

Error Coefficients

Standard Error: 1700000
Relative Standard Error: 3.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.685078	50.0	501914.0	0.685078	Y
3	STD5 460-820619/5	5.0	3.241325	50.0	491404.0	0.648265	Y
4	STD20 460-820619/6	20.0	13.850388	50.0	531801.0	0.692519	Y
5	STD50 460-820619/7	50.0	34.558347	50.0	522729.0	0.691167	Y
6	STD200 460-820619/8	200.0	130.118351	50.0	542621.0	0.650592	Y
7	STD500 460-820619/9	500.0	328.475879	50.0	534275.0	0.656952	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

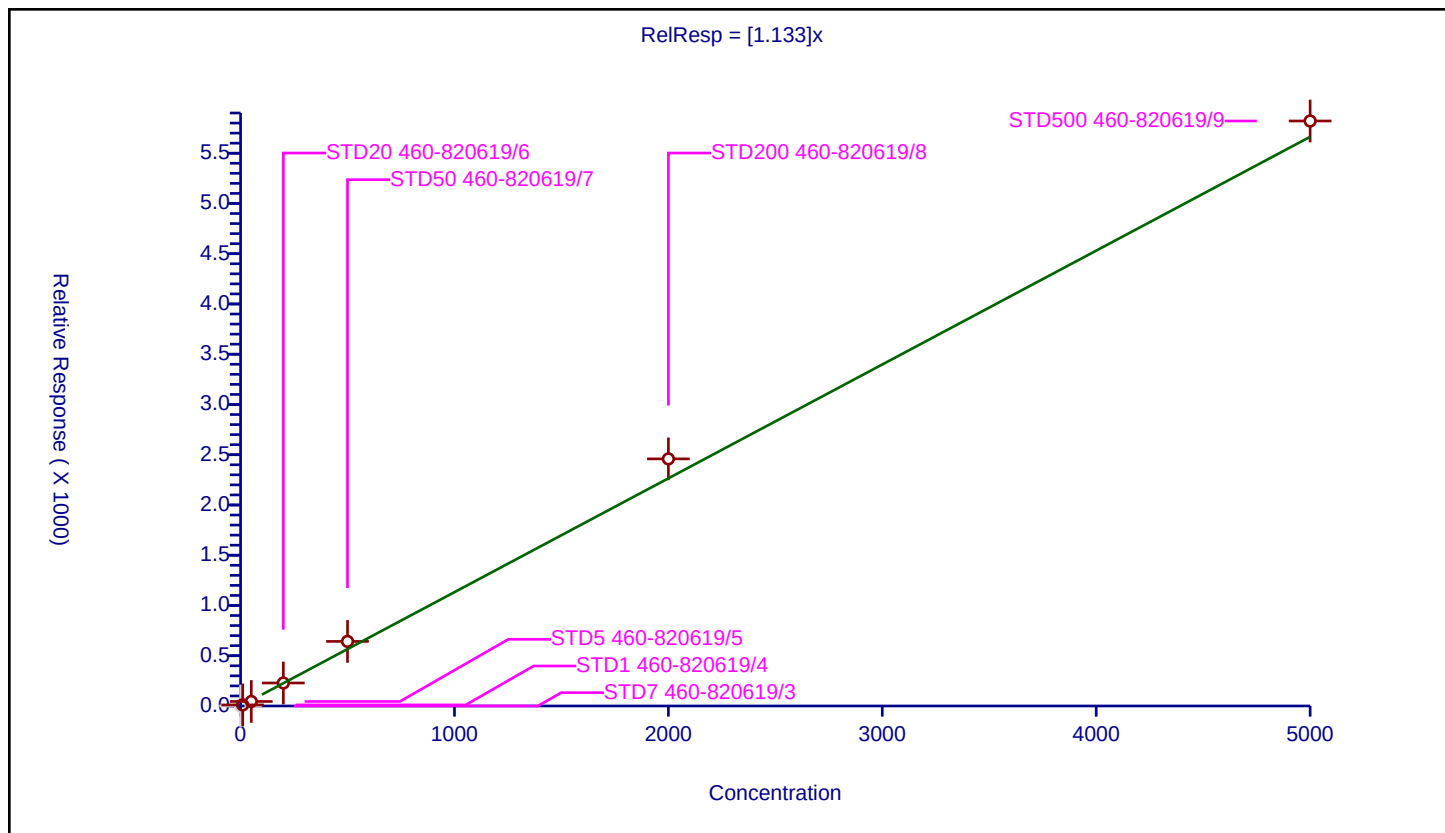
Curve Coefficients

Intercept: 0
 Slope: 1.133

Error Coefficients

Standard Error: 756000
 Relative Standard Error: 12.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	10.0	10.760277	1000.0	253618.0	1.076028	Y
3	STD5 460-820619/5	50.0	44.847173	1000.0	258790.0	0.896943	Y
4	STD20 460-820619/6	200.0	228.861833	1000.0	264557.0	1.144309	Y
5	STD50 460-820619/7	500.0	642.544636	1000.0	265594.0	1.285089	Y
6	STD200 460-820619/8	2000.0	2458.640556	1000.0	260533.0	1.22932	Y
7	STD500 460-820619/9	5000.0	5820.749329	1000.0	267893.0	1.16415	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

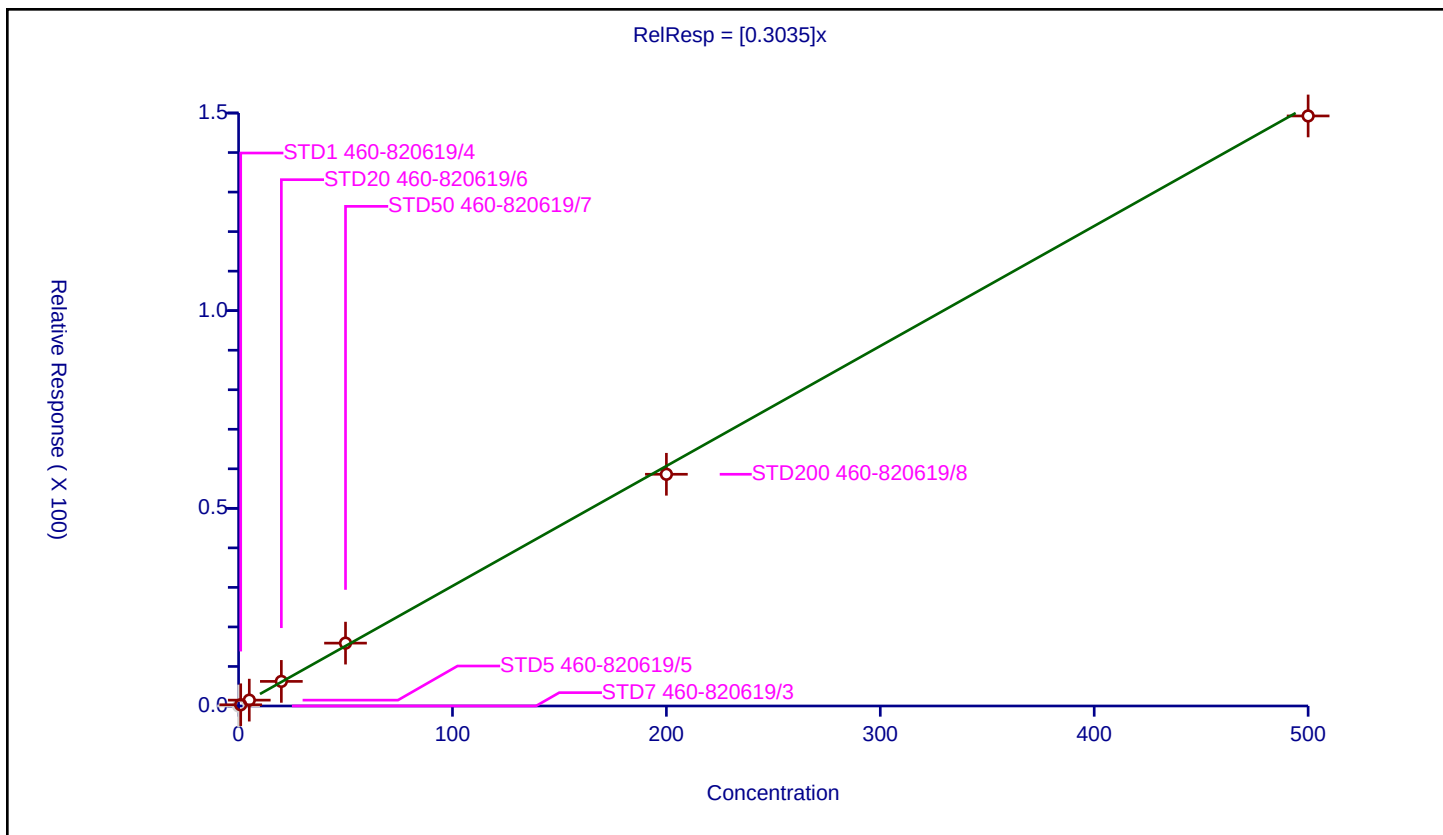
Curve Coefficients

Intercept: 0
 Slope: 0.3035

Error Coefficients

Standard Error: 772000
 Relative Standard Error: 3.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.303837	50.0	501914.0	0.303837	Y
3	STD5 460-820619/5	5.0	1.482283	50.0	491404.0	0.296457	Y
4	STD20 460-820619/6	20.0	6.224697	50.0	531801.0	0.311235	Y
5	STD50 460-820619/7	50.0	15.903939	50.0	522729.0	0.318079	Y
6	STD200 460-820619/8	200.0	58.615037	50.0	542621.0	0.293075	Y
7	STD500 460-820619/9	500.0	149.257873	50.0	534275.0	0.298516	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

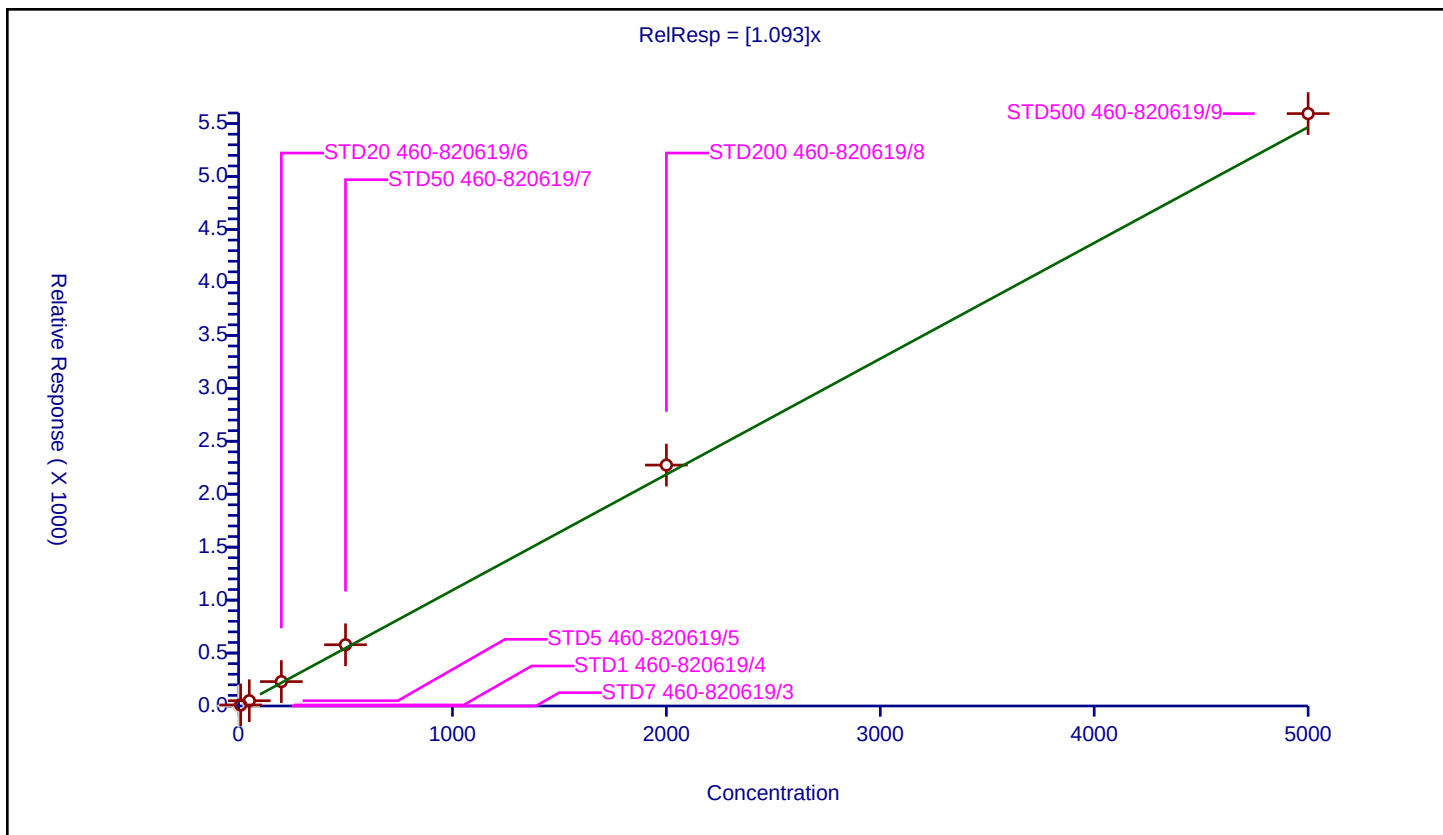
Curve Coefficients

Intercept: 0
 Slope: 1.093

Error Coefficients

Standard Error: 722000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	10.0	9.979576	1000.0	253618.0	0.997958	Y
3	STD5 460-820619/5	50.0	49.835774	1000.0	258790.0	0.996715	Y
4	STD20 460-820619/6	200.0	230.305756	1000.0	264557.0	1.151529	Y
5	STD50 460-820619/7	500.0	578.337613	1000.0	265594.0	1.156675	Y
6	STD200 460-820619/8	2000.0	2275.335562	1000.0	260533.0	1.137668	Y
7	STD500 460-820619/9	5000.0	5594.554542	1000.0	267893.0	1.118911	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

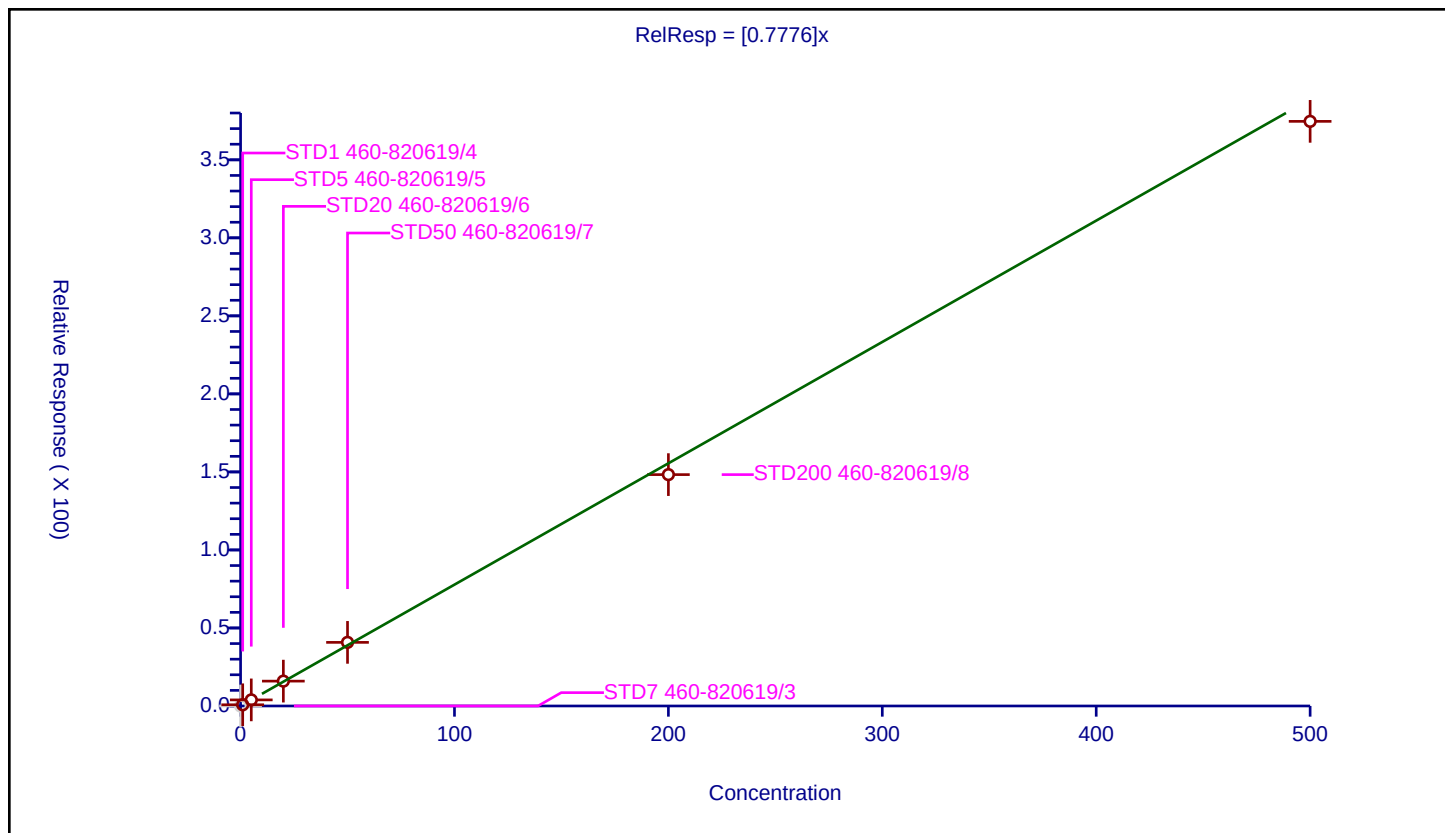
Curve Coefficients

Intercept: 0
 Slope: 0.7776

Error Coefficients

Standard Error: 1940000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.782803	50.0	501914.0	0.782803	Y
3	STD5 460-820619/5	5.0	3.897201	50.0	491404.0	0.77944	Y
4	STD20 460-820619/6	20.0	15.939233	50.0	531801.0	0.796962	Y
5	STD50 460-820619/7	50.0	40.772561	50.0	522729.0	0.815451	Y
6	STD200 460-820619/8	200.0	148.275223	50.0	542621.0	0.741376	Y
7	STD500 460-820619/9	500.0	374.64639	50.0	534275.0	0.749293	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

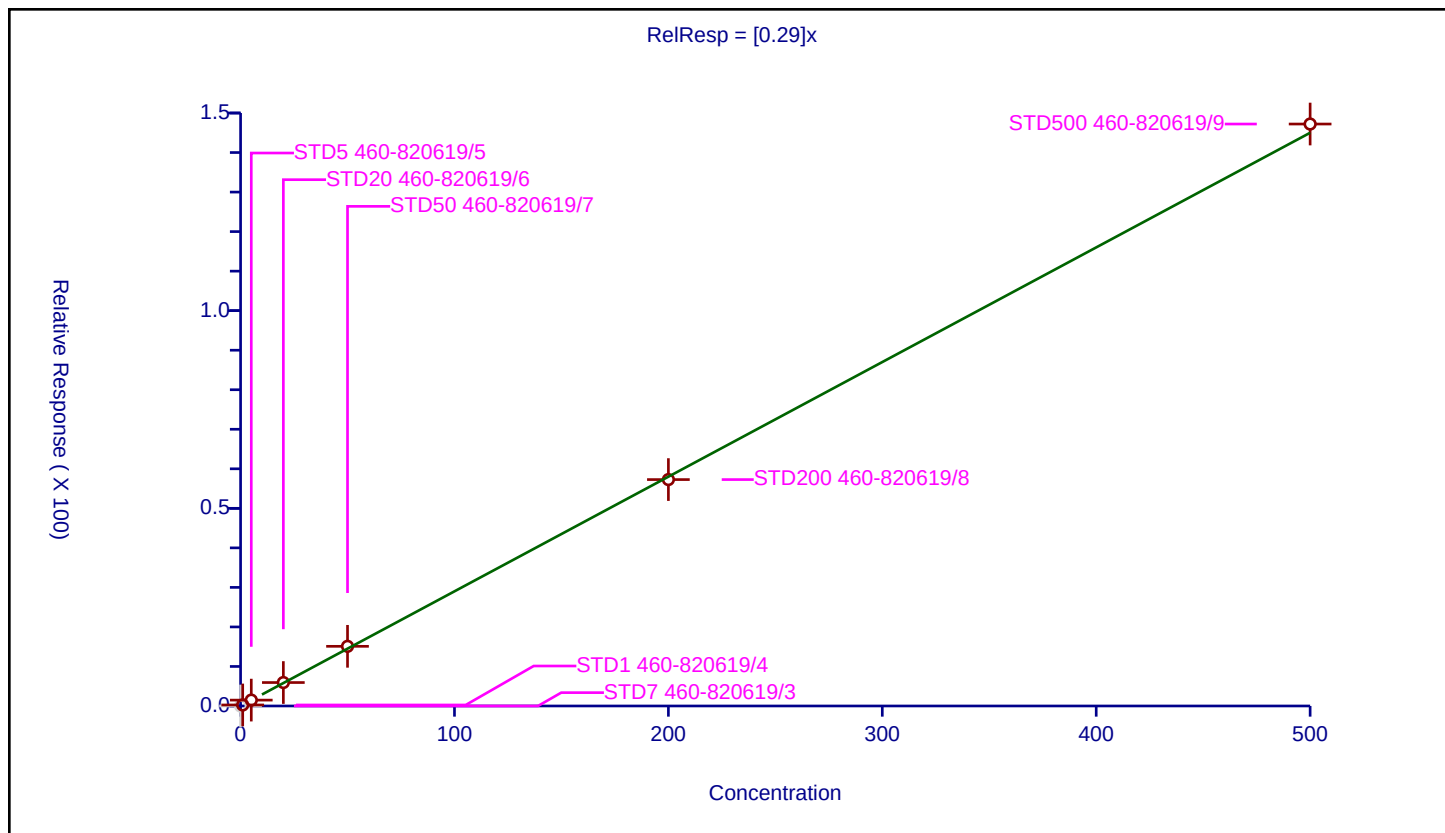
Curve Coefficients

Intercept: 0
 Slope: 0.29

Error Coefficients

Standard Error: 760000
 Relative Standard Error: 4.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.262993	50.0	501914.0	0.262993	Y
3	STD5 460-820619/5	5.0	1.488287	50.0	491404.0	0.297657	Y
4	STD20 460-820619/6	20.0	5.933987	50.0	531801.0	0.296699	Y
5	STD50 460-820619/7	50.0	15.094054	50.0	522729.0	0.301881	Y
6	STD200 460-820619/8	200.0	57.272387	50.0	542621.0	0.286362	Y
7	STD500 460-820619/9	500.0	147.215573	50.0	534275.0	0.294431	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

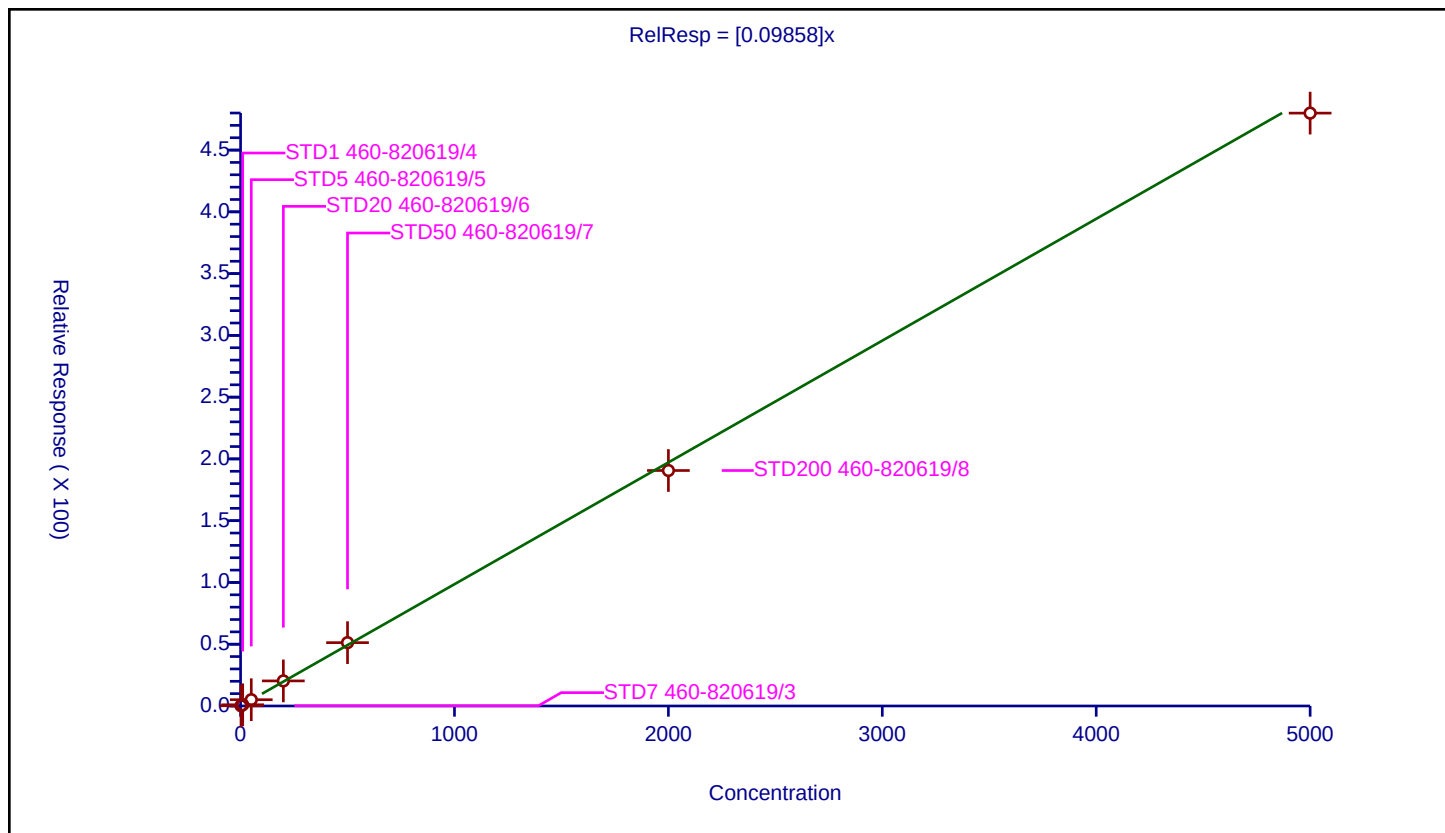
Curve Coefficients

Intercept: 0
Slope: 0.09858

Error Coefficients

Standard Error: 2270000
Relative Standard Error: 3.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	2.0	0.18888	50.0	507731.0	0.09444	Y
2	STD1 460-820619/4	10.0	0.987321	50.0	501914.0	0.098732	Y
3	STD5 460-820619/5	50.0	5.075356	50.0	491404.0	0.101507	Y
4	STD20 460-820619/6	200.0	20.310793	50.0	531801.0	0.101554	Y
5	STD50 460-820619/7	500.0	51.272839	50.0	522729.0	0.102546	Y
6	STD200 460-820619/8	2000.0	190.615457	50.0	542621.0	0.095308	Y
7	STD500 460-820619/9	5000.0	479.923448	50.0	534275.0	0.095985	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

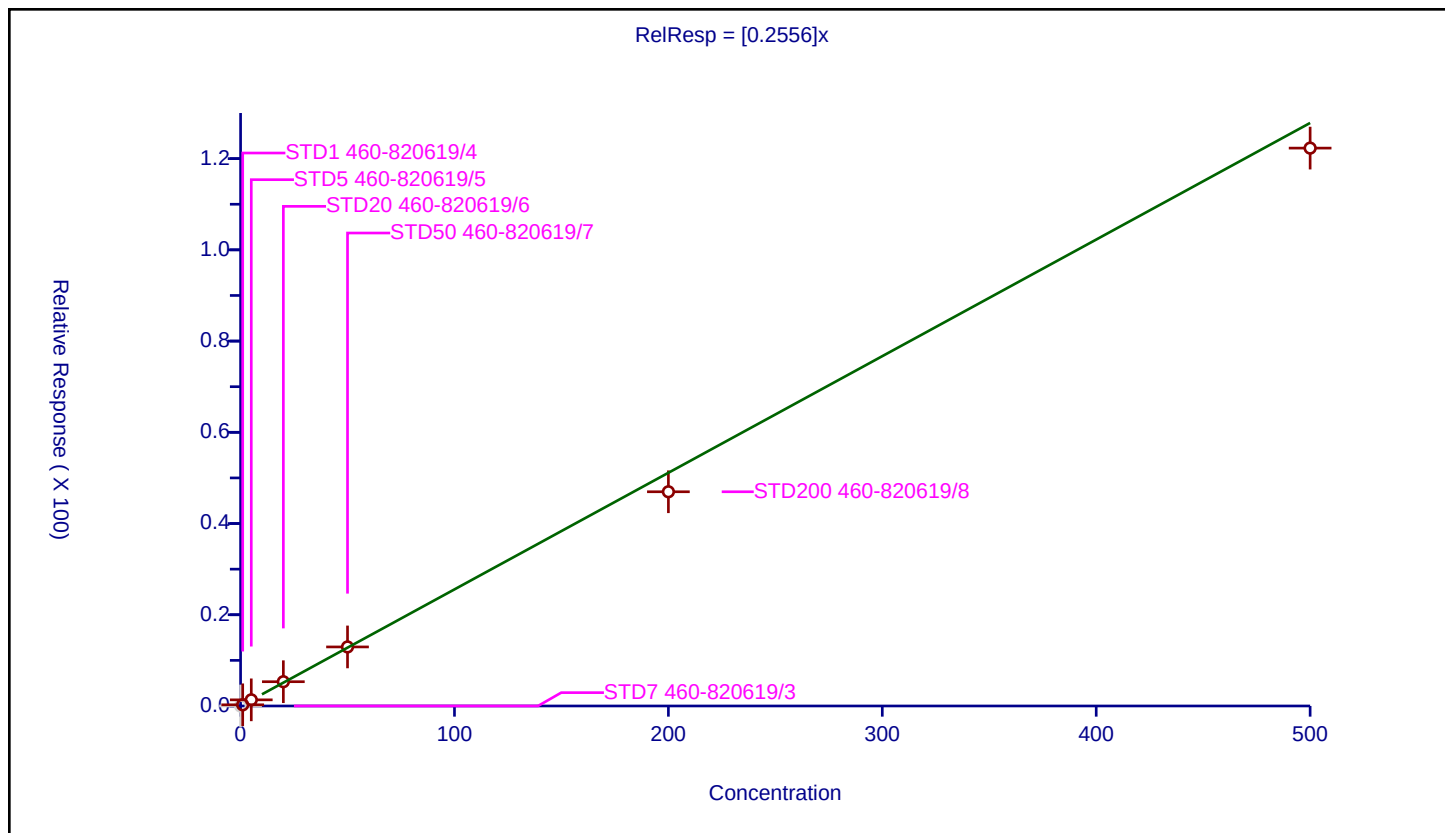
Curve Coefficients

Intercept: 0
 Slope: 0.2556

Error Coefficients

Standard Error: 631000
 Relative Standard Error: 5.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.259507	50.0	501914.0	0.259507	Y
3	STD5 460-820619/5	5.0	1.349094	50.0	491404.0	0.269819	Y
4	STD20 460-820619/6	20.0	5.32295	50.0	531801.0	0.266147	Y
5	STD50 460-820619/7	50.0	12.94667	50.0	522729.0	0.258933	Y
6	STD200 460-820619/8	200.0	46.965285	50.0	542621.0	0.234826	Y
7	STD500 460-820619/9	500.0	122.304244	50.0	534275.0	0.244608	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

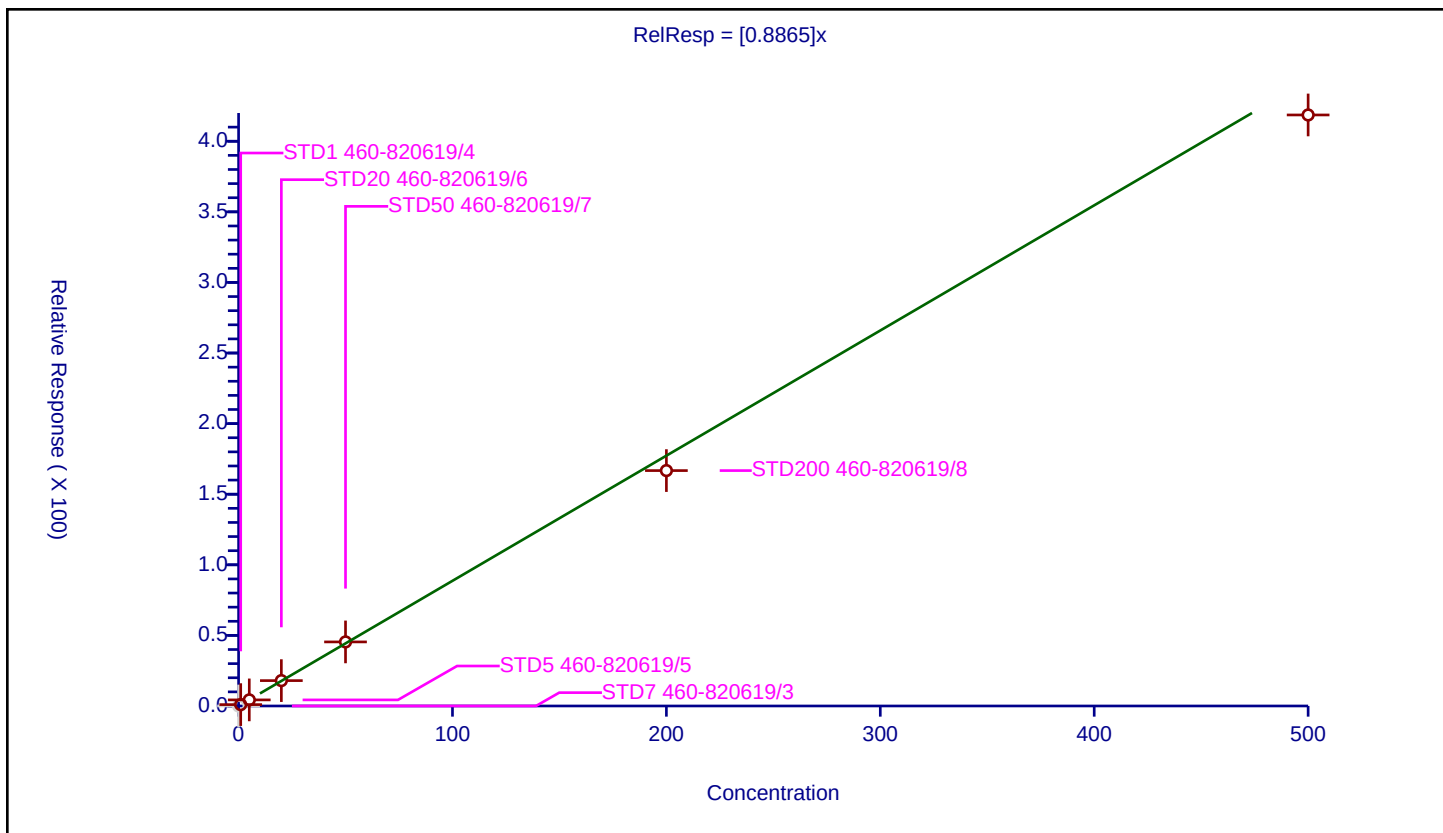
Curve Coefficients

Intercept: 0
 Slope: 0.8865

Error Coefficients

Standard Error: 2170000
 Relative Standard Error: 6.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.978753	50.0	501914.0	0.978753	Y
3	STD5 460-820619/5	5.0	4.317425	50.0	491404.0	0.863485	Y
4	STD20 460-820619/6	20.0	17.965837	50.0	531801.0	0.898292	Y
5	STD50 460-820619/7	50.0	45.384607	50.0	522729.0	0.907692	Y
6	STD200 460-820619/8	200.0	166.725302	50.0	542621.0	0.833627	Y
7	STD500 460-820619/9	500.0	418.616349	50.0	534275.0	0.837233	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

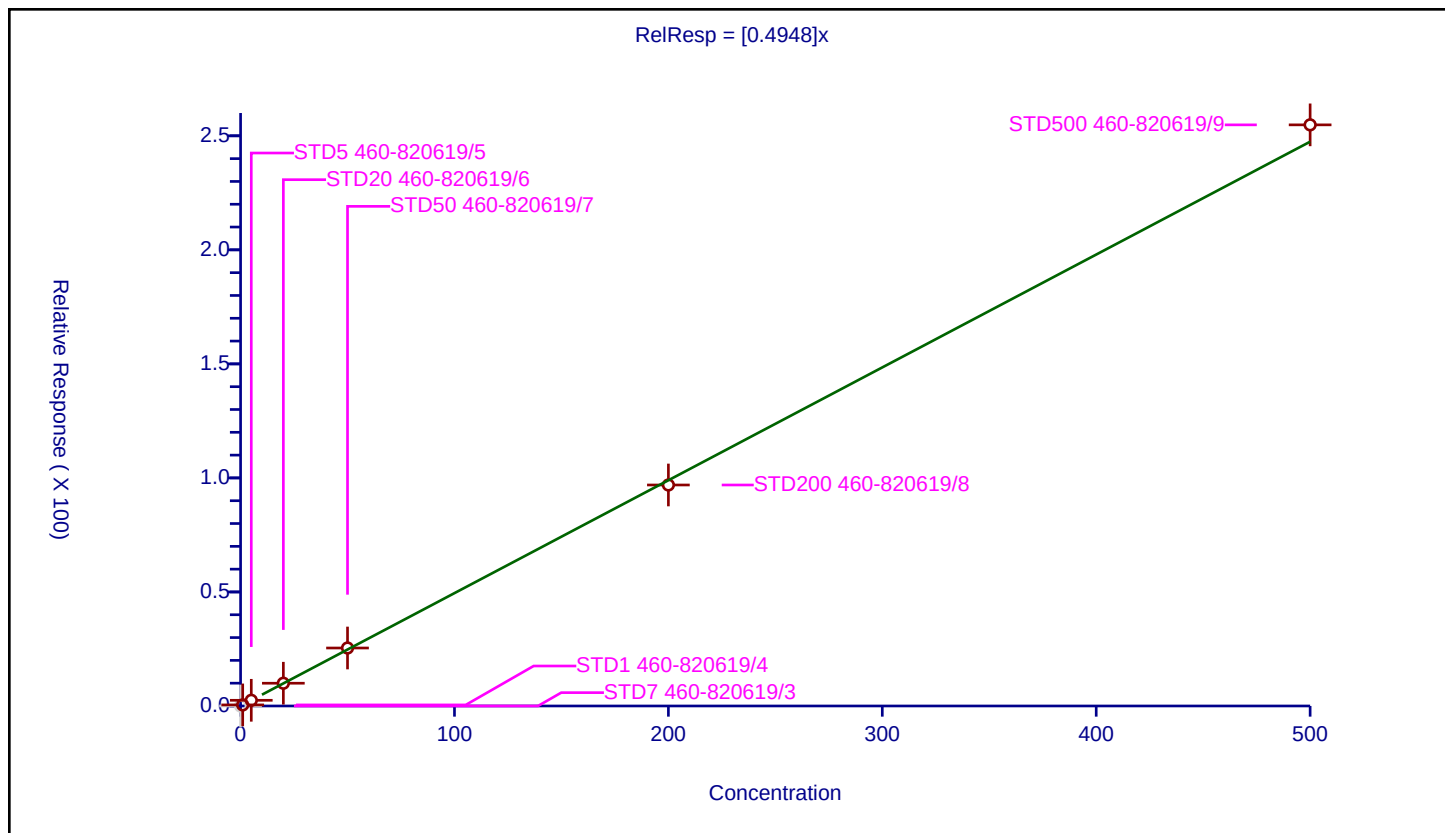
Curve Coefficients

Intercept: 0
 Slope: 0.4948

Error Coefficients

Standard Error: 1310000
 Relative Standard Error: 3.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.468805	50.0	501914.0	0.468805	Y
3	STD5 460-820619/5	5.0	2.493162	50.0	491404.0	0.498632	Y
4	STD20 460-820619/6	20.0	9.979673	50.0	531801.0	0.498984	Y
5	STD50 460-820619/7	50.0	25.424168	50.0	522729.0	0.508483	Y
6	STD200 460-820619/8	200.0	96.90364	50.0	542621.0	0.484518	Y
7	STD500 460-820619/9	500.0	254.810257	50.0	534275.0	0.509621	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

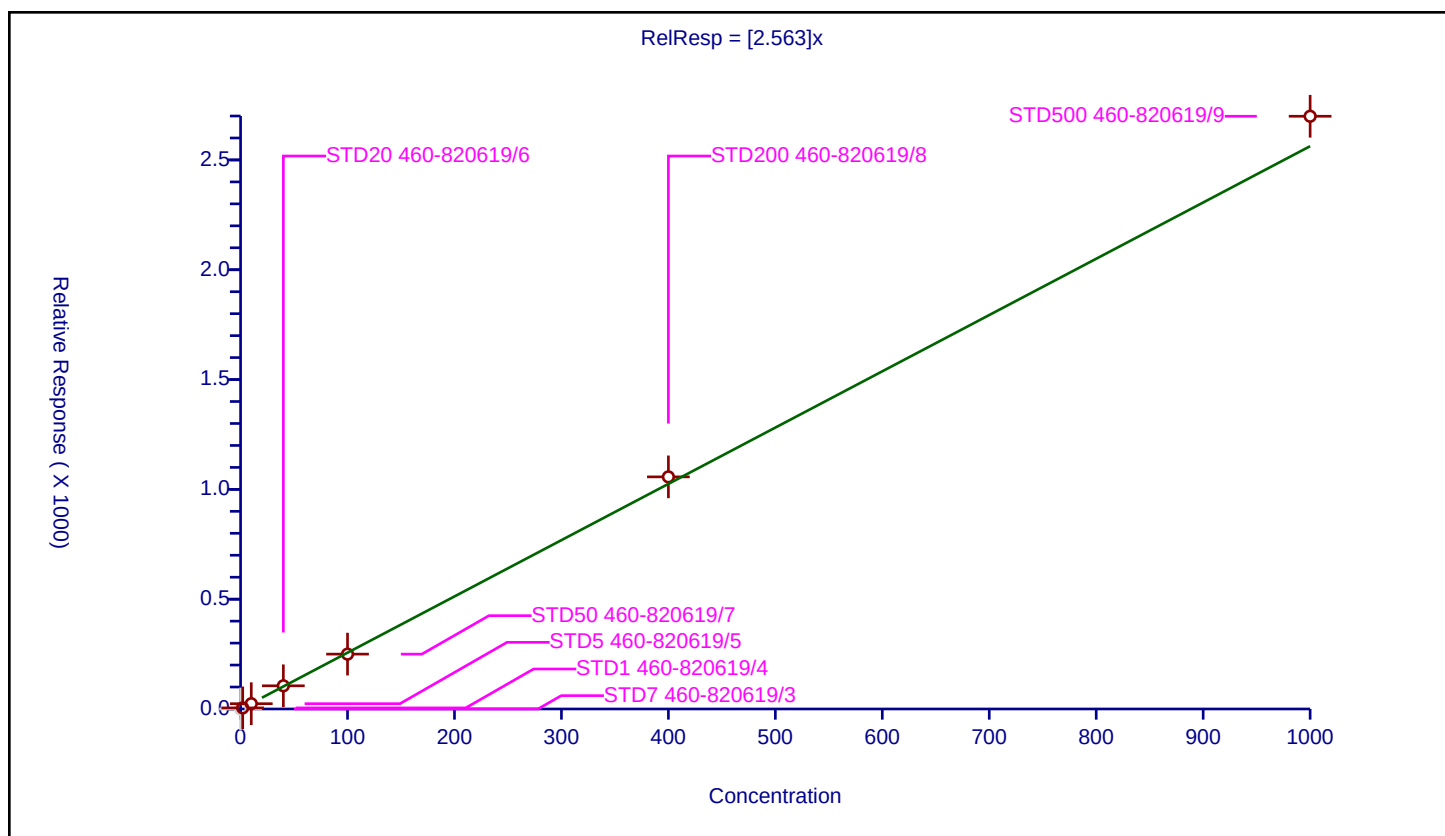
Curve Coefficients

Intercept: 0
 Slope: 2.563

Error Coefficients

Standard Error: 346000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	2.0	4.975988	1000.0	253618.0	2.487994	Y
3	STD5 460-820619/5	10.0	24.081301	1000.0	258790.0	2.40813	Y
4	STD20 460-820619/6	40.0	105.584052	1000.0	264557.0	2.639601	Y
5	STD50 460-820619/7	100.0	249.813625	1000.0	265594.0	2.498136	Y
6	STD200 460-820619/8	400.0	1056.967831	1000.0	260533.0	2.64242	Y
7	STD500 460-820619/9	1000.0	2698.879777	1000.0	267893.0	2.69888	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

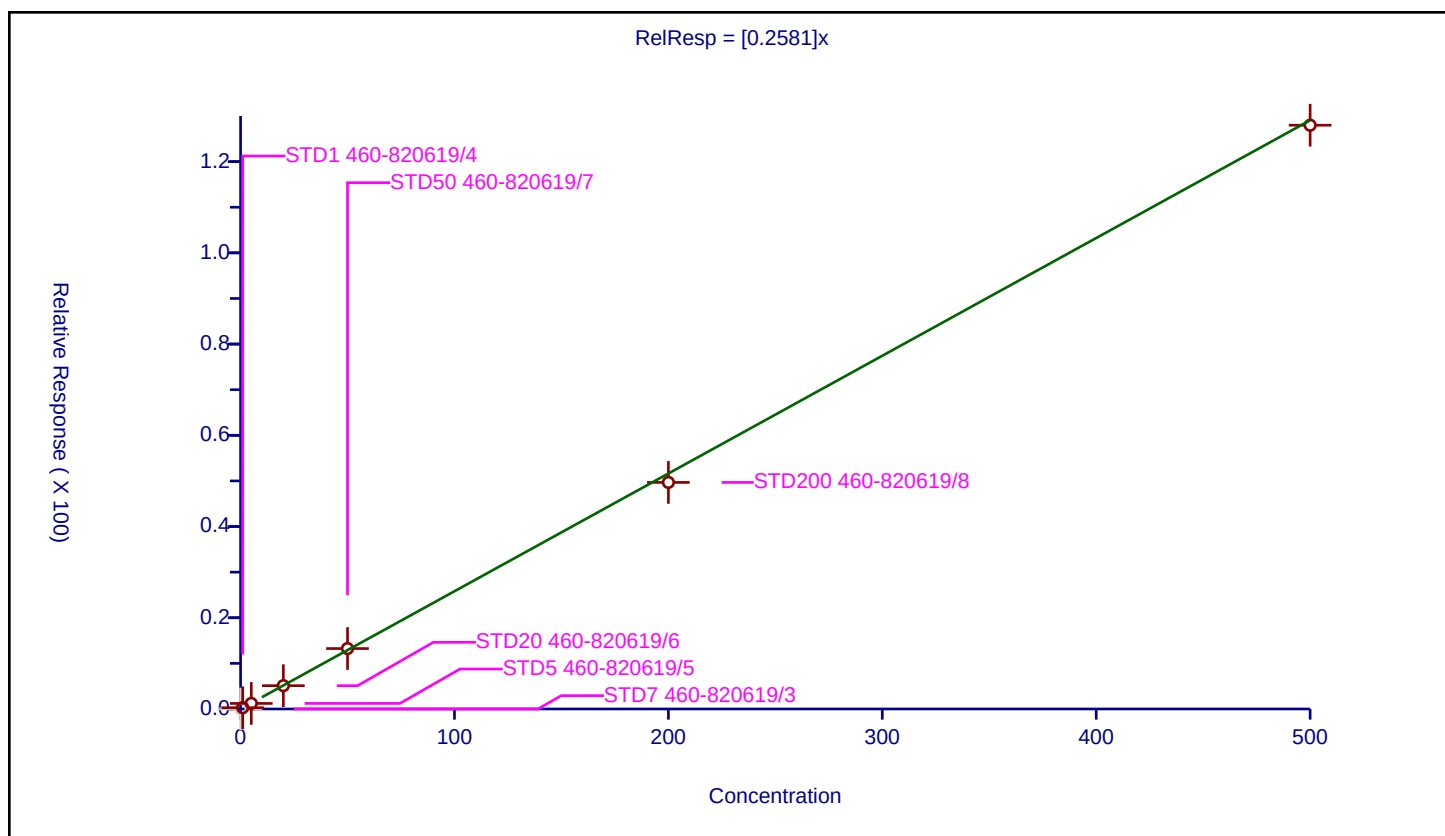
Curve Coefficients

Intercept: 0
 Slope: 0.2581

Error Coefficients

Standard Error: 661000
 Relative Standard Error: 4.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.27963	50.0	501914.0	0.27963	Y
3	STD5 460-820619/5	5.0	1.220788	50.0	491404.0	0.244158	Y
4	STD20 460-820619/6	20.0	5.110934	50.0	531801.0	0.255547	Y
5	STD50 460-820619/7	50.0	13.253234	50.0	522729.0	0.265065	Y
6	STD200 460-820619/8	200.0	49.673713	50.0	542621.0	0.248369	Y
7	STD500 460-820619/9	500.0	127.98381	50.0	534275.0	0.255968	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

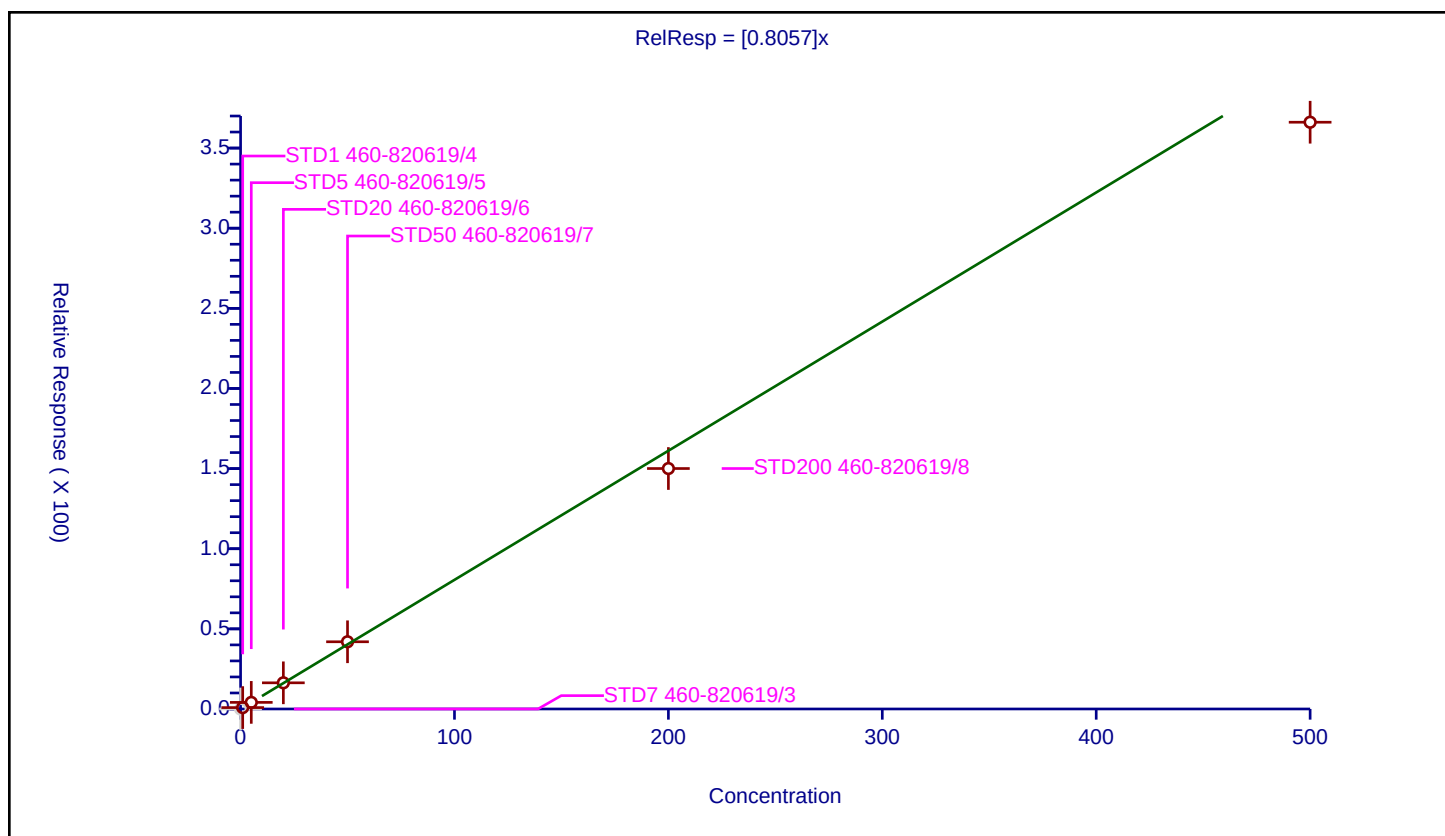
Curve Coefficients

Intercept: 0
 Slope: 0.8057

Error Coefficients

Standard Error: 1910000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.874054	50.0	501914.0	0.874054	Y
3	STD5 460-820619/5	5.0	4.110671	50.0	491404.0	0.822134	Y
4	STD20 460-820619/6	20.0	16.334494	50.0	531801.0	0.816725	Y
5	STD50 460-820619/7	50.0	41.94707	50.0	522729.0	0.838941	Y
6	STD200 460-820619/8	200.0	150.043308	50.0	542621.0	0.750217	Y
7	STD500 460-820619/9	500.0	366.127462	50.0	534275.0	0.732255	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

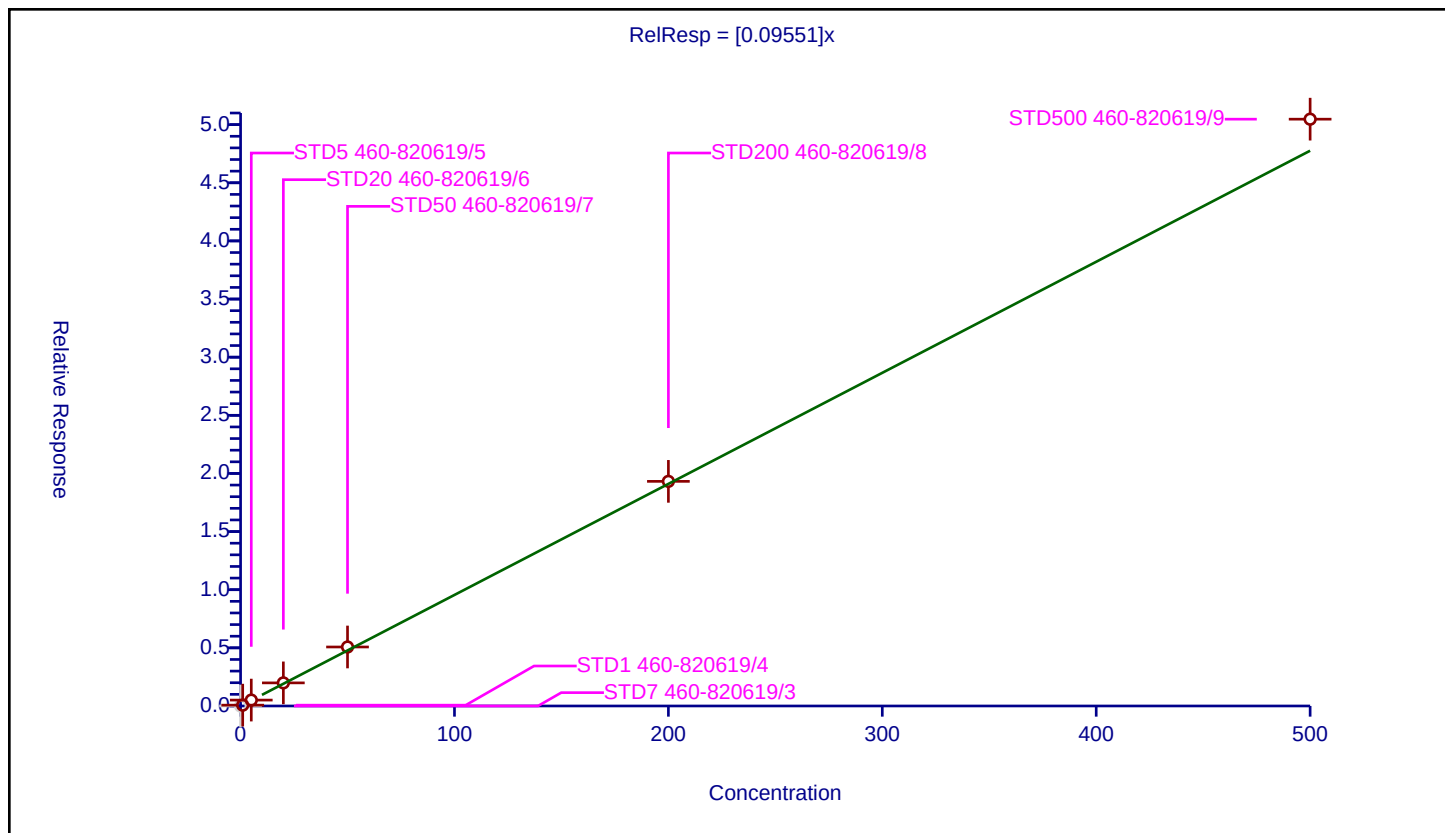
Curve Coefficients

Intercept: 0
 Slope: 0.09551

Error Coefficients

Standard Error: 260000
 Relative Standard Error: 11.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.07312	50.0	501914.0	0.07312	Y
3	STD5 460-820619/5	5.0	0.507729	50.0	491404.0	0.101546	Y
4	STD20 460-820619/6	20.0	1.98768	50.0	531801.0	0.099384	Y
5	STD50 460-820619/7	50.0	5.074331	50.0	522729.0	0.101487	Y
6	STD200 460-820619/8	200.0	19.319746	50.0	542621.0	0.096599	Y
7	STD500 460-820619/9	500.0	50.469702	50.0	534275.0	0.100939	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

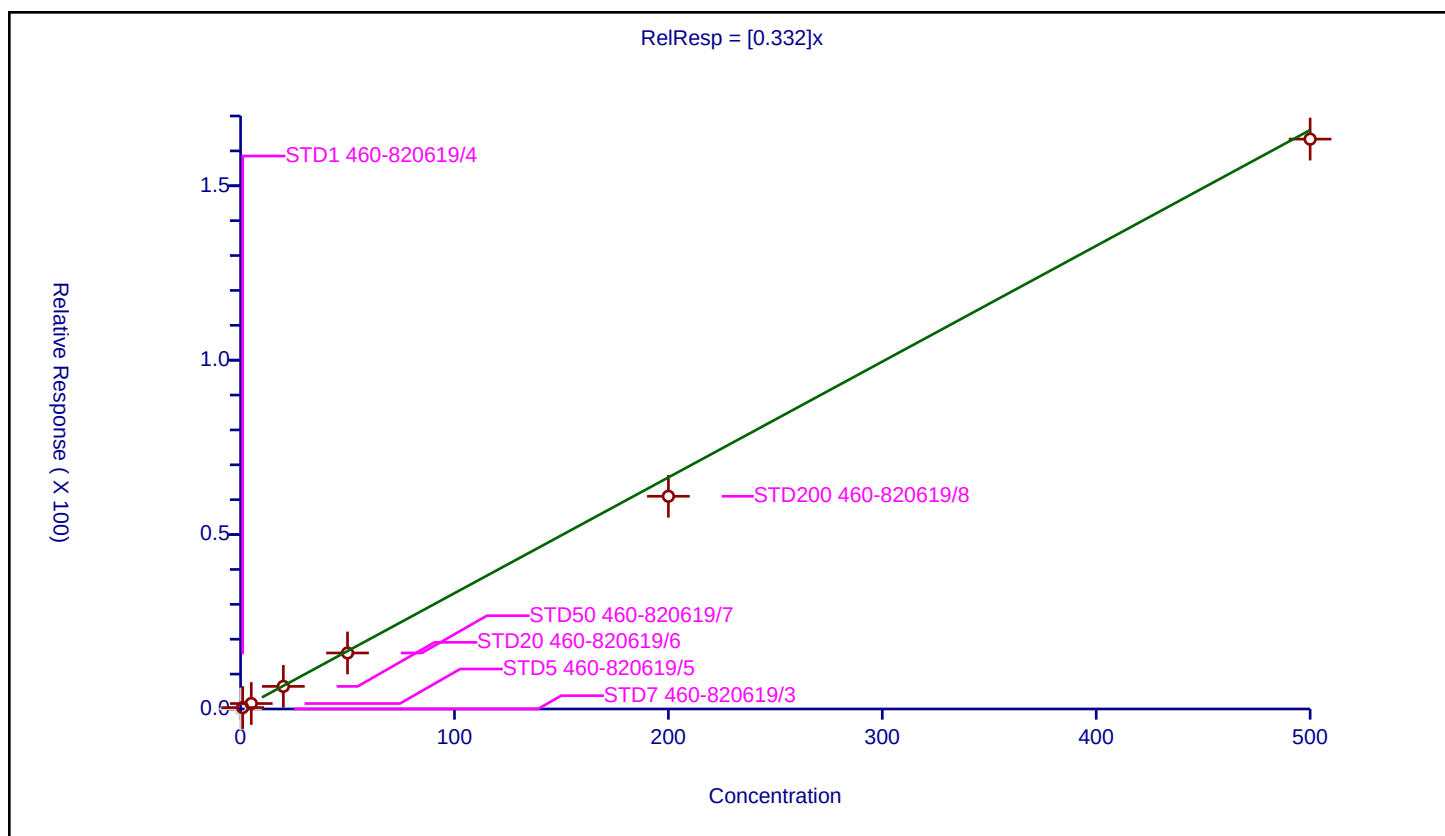
Curve Coefficients

Intercept: 0
Slope: 0.332

Error Coefficients

Standard Error: 839000
Relative Standard Error: 10.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.401762	50.0	501914.0	0.401762	Y
3	STD5 460-820619/5	5.0	1.565413	50.0	491404.0	0.313083	Y
4	STD20 460-820619/6	20.0	6.480338	50.0	531801.0	0.324017	Y
5	STD50 460-820619/7	50.0	16.060138	50.0	522729.0	0.321203	Y
6	STD200 460-820619/8	200.0	60.98179	50.0	542621.0	0.304909	Y
7	STD500 460-820619/9	500.0	163.377287	50.0	534275.0	0.326755	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

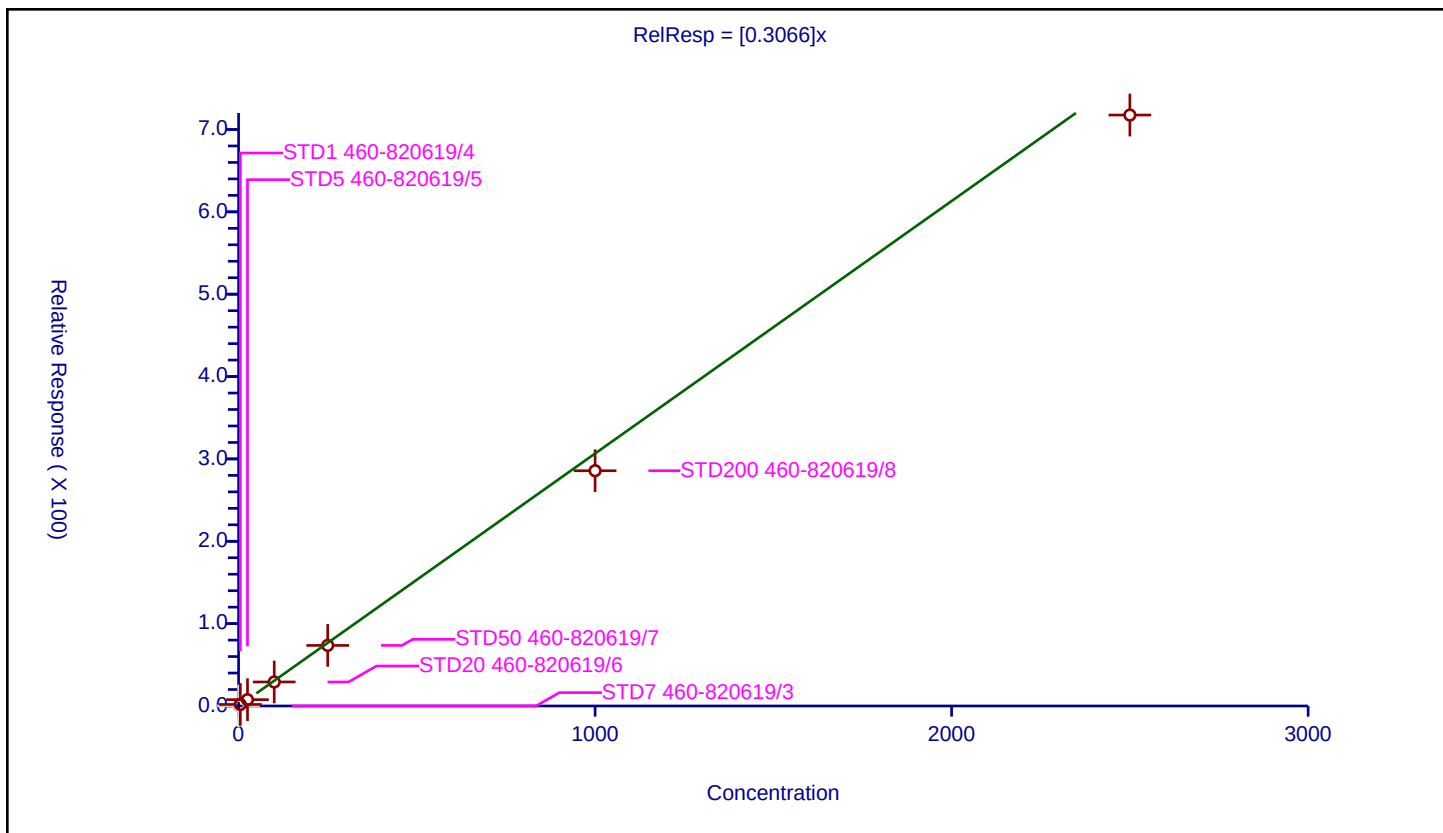
Curve Coefficients

Intercept: 0
 Slope: 0.3066

Error Coefficients

Standard Error: 411000
 Relative Standard Error: 11.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	250.0	276984.0	NaN	N
2	STD1 460-820619/4	5.0	1.867291	250.0	271918.0	0.373458	Y
3	STD5 460-820619/5	25.0	7.687222	250.0	267717.0	0.307489	Y
4	STD20 460-820619/6	100.0	29.147187	250.0	277857.0	0.291472	Y
5	STD50 460-820619/7	250.0	73.559774	250.0	273169.0	0.294239	Y
6	STD200 460-820619/8	1000.0	285.657617	250.0	281714.0	0.285658	Y
7	STD500 460-820619/9	2500.0	717.527548	250.0	298299.0	0.287011	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

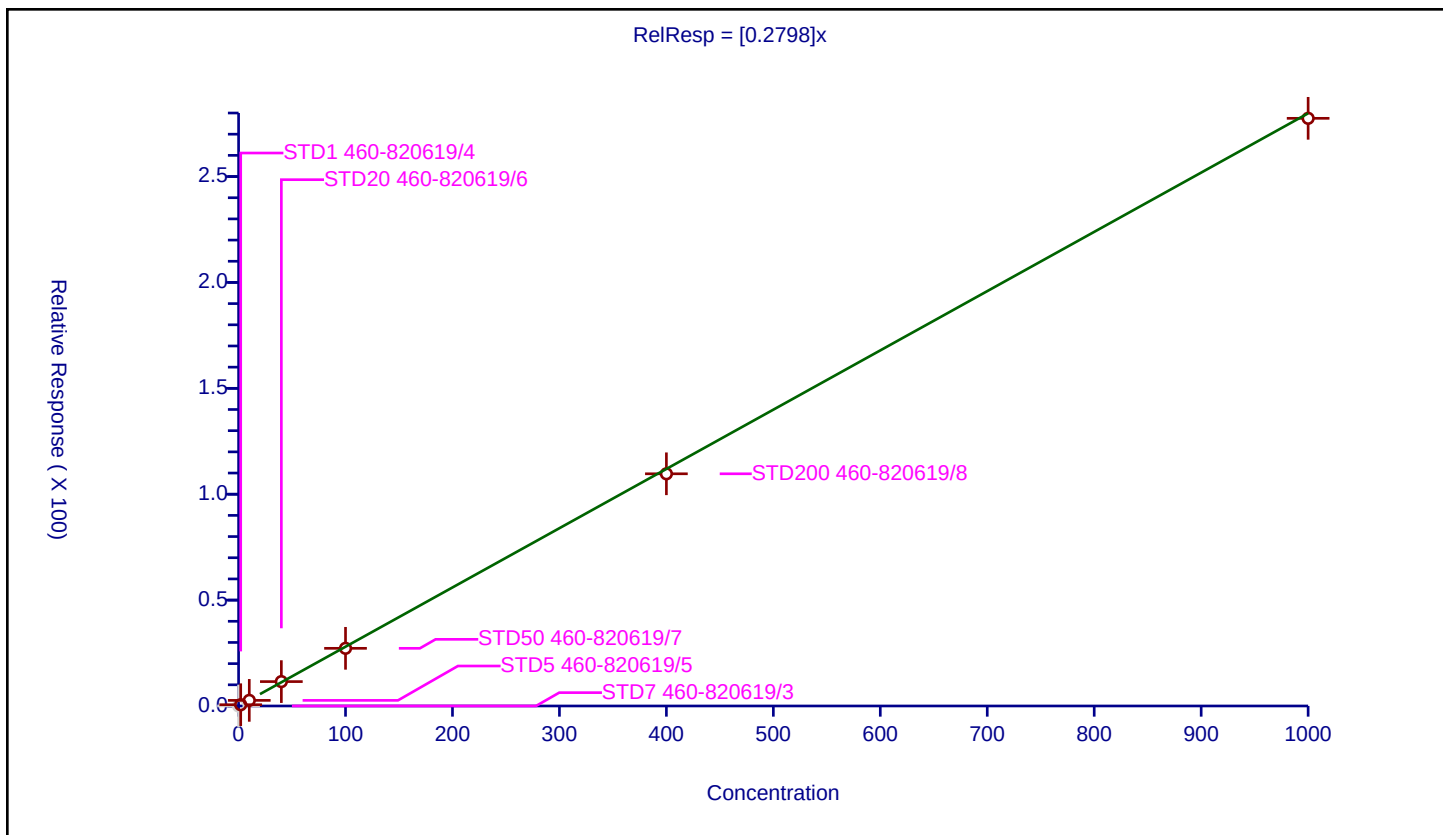
Curve Coefficients

Intercept: 0
Slope: 0.2798

Error Coefficients

Standard Error: 159000
Relative Standard Error: 4.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	250.0	276984.0	NaN	N
2	STD1 460-820619/4	2.0	0.604042	250.0	271918.0	0.302021	Y
3	STD5 460-820619/5	10.0	2.652054	250.0	267717.0	0.265205	Y
4	STD20 460-820619/6	40.0	11.518515	250.0	277857.0	0.287963	Y
5	STD50 460-820619/7	100.0	27.22765	250.0	273169.0	0.272277	Y
6	STD200 460-820619/8	400.0	109.643113	250.0	281714.0	0.274108	Y
7	STD500 460-820619/9	1000.0	277.495902	250.0	298299.0	0.277496	Y



Calibration

/ Methyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

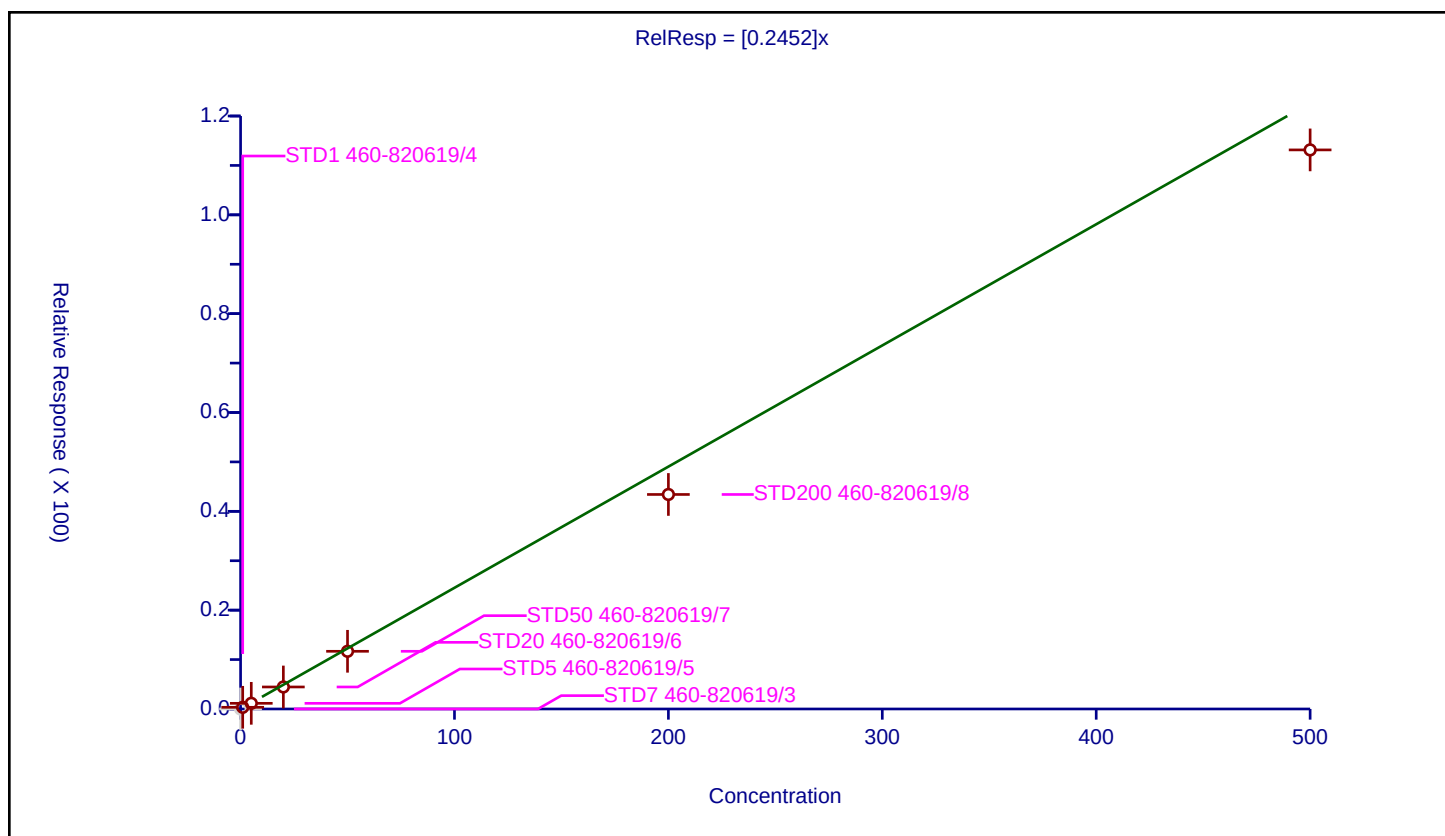
Curve Coefficients

Intercept: 0
 Slope: 0.2452

Error Coefficients

Standard Error: 583000
 Relative Standard Error: 19.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.947

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.34229	50.0	501914.0	0.34229	Y
3	STD5 460-820619/5	5.0	1.147834	50.0	491404.0	0.229567	Y
4	STD20 460-820619/6	20.0	4.454016	50.0	531801.0	0.222701	Y
5	STD50 460-820619/7	50.0	11.673735	50.0	522729.0	0.233475	Y
6	STD200 460-820619/8	200.0	43.414464	50.0	542621.0	0.217072	Y
7	STD500 460-820619/9	500.0	113.142951	50.0	534275.0	0.226286	Y



Calibration

/ Propionitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

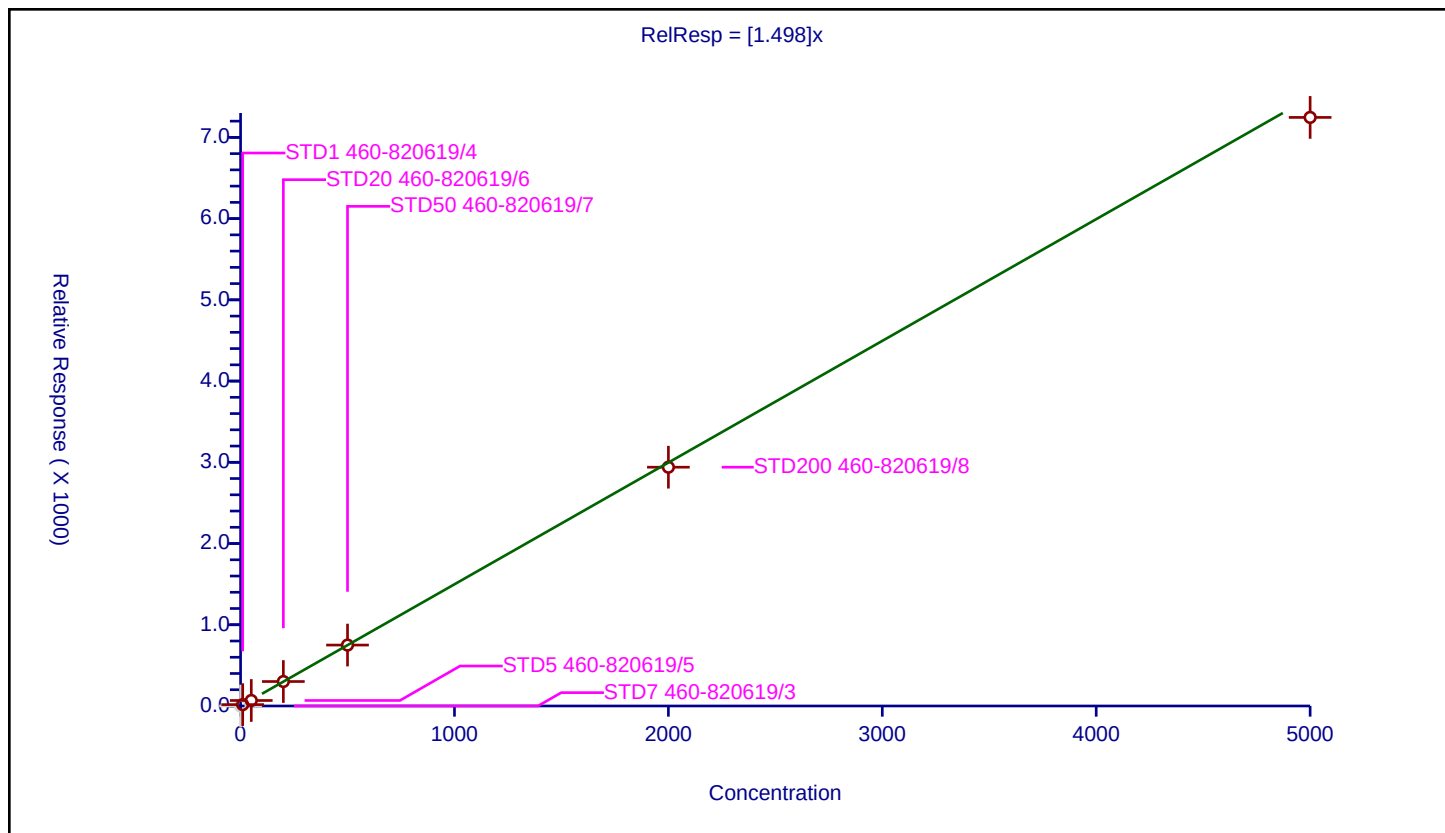
Curve Coefficients

Intercept: 0
 Slope: 1.498

Error Coefficients

Standard Error: 935000
 Relative Standard Error: 7.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	10.0	17.065035	1000.0	253618.0	1.706503	Y
3	STD5 460-820619/5	50.0	67.923799	1000.0	258790.0	1.358476	Y
4	STD20 460-820619/6	200.0	301.107134	1000.0	264557.0	1.505536	Y
5	STD50 460-820619/7	500.0	750.016943	1000.0	265594.0	1.500034	Y
6	STD200 460-820619/8	2000.0	2939.527814	1000.0	260533.0	1.469764	Y
7	STD500 460-820619/9	5000.0	7245.889217	1000.0	267893.0	1.449178	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

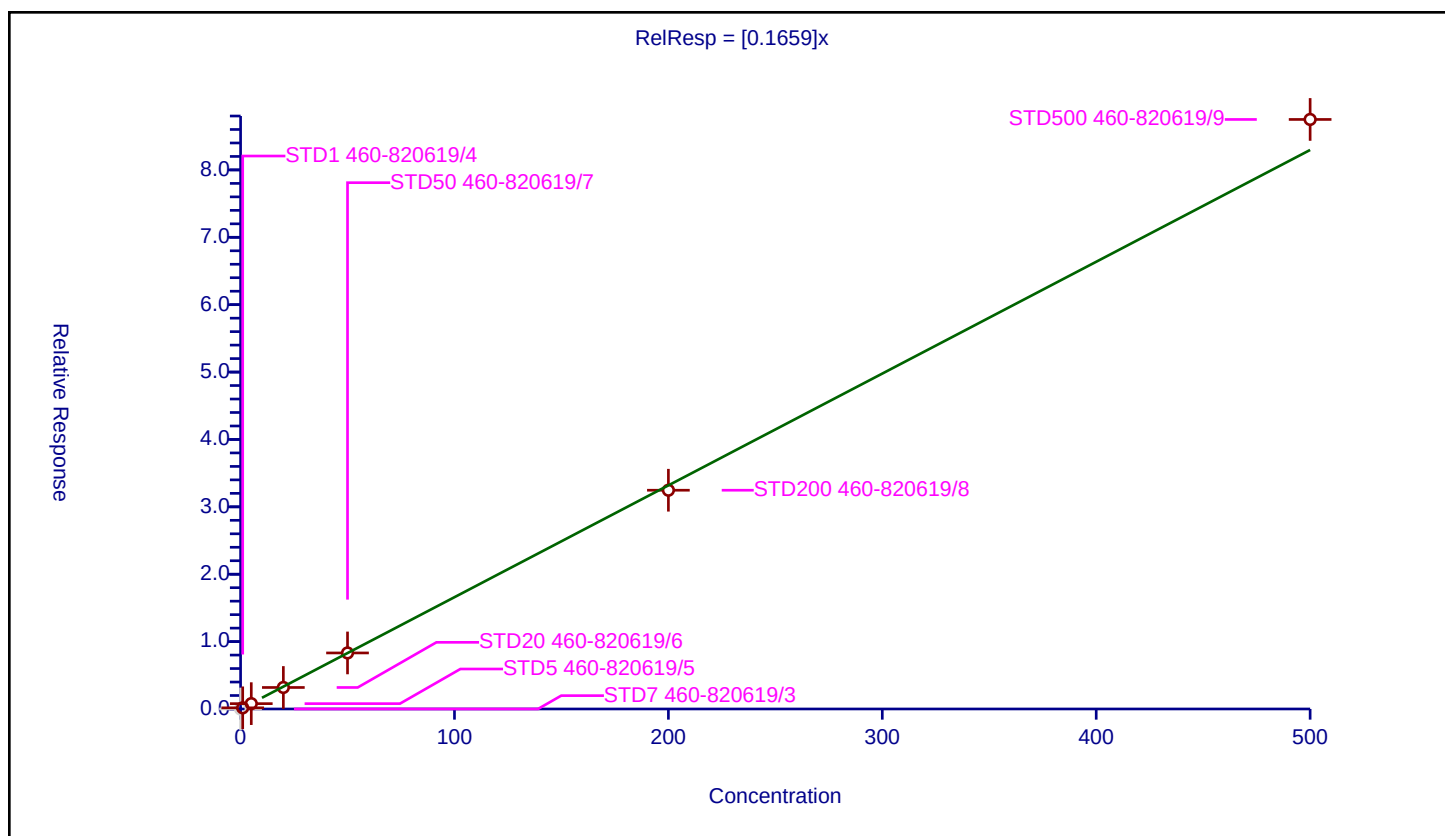
Curve Coefficients

Intercept: 0
 Slope: 0.1659

Error Coefficients

Standard Error: 449000
 Relative Standard Error: 4.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.173436	50.0	501914.0	0.173436	Y
3	STD5 460-820619/5	5.0	0.794051	50.0	491404.0	0.15881	Y
4	STD20 460-820619/6	20.0	3.192924	50.0	531801.0	0.159646	Y
5	STD50 460-820619/7	50.0	8.316738	50.0	522729.0	0.166335	Y
6	STD200 460-820619/8	200.0	32.46557	50.0	542621.0	0.162328	Y
7	STD500 460-820619/9	500.0	87.488559	50.0	534275.0	0.174977	Y



Calibration

/ Tetrahydrofuran

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

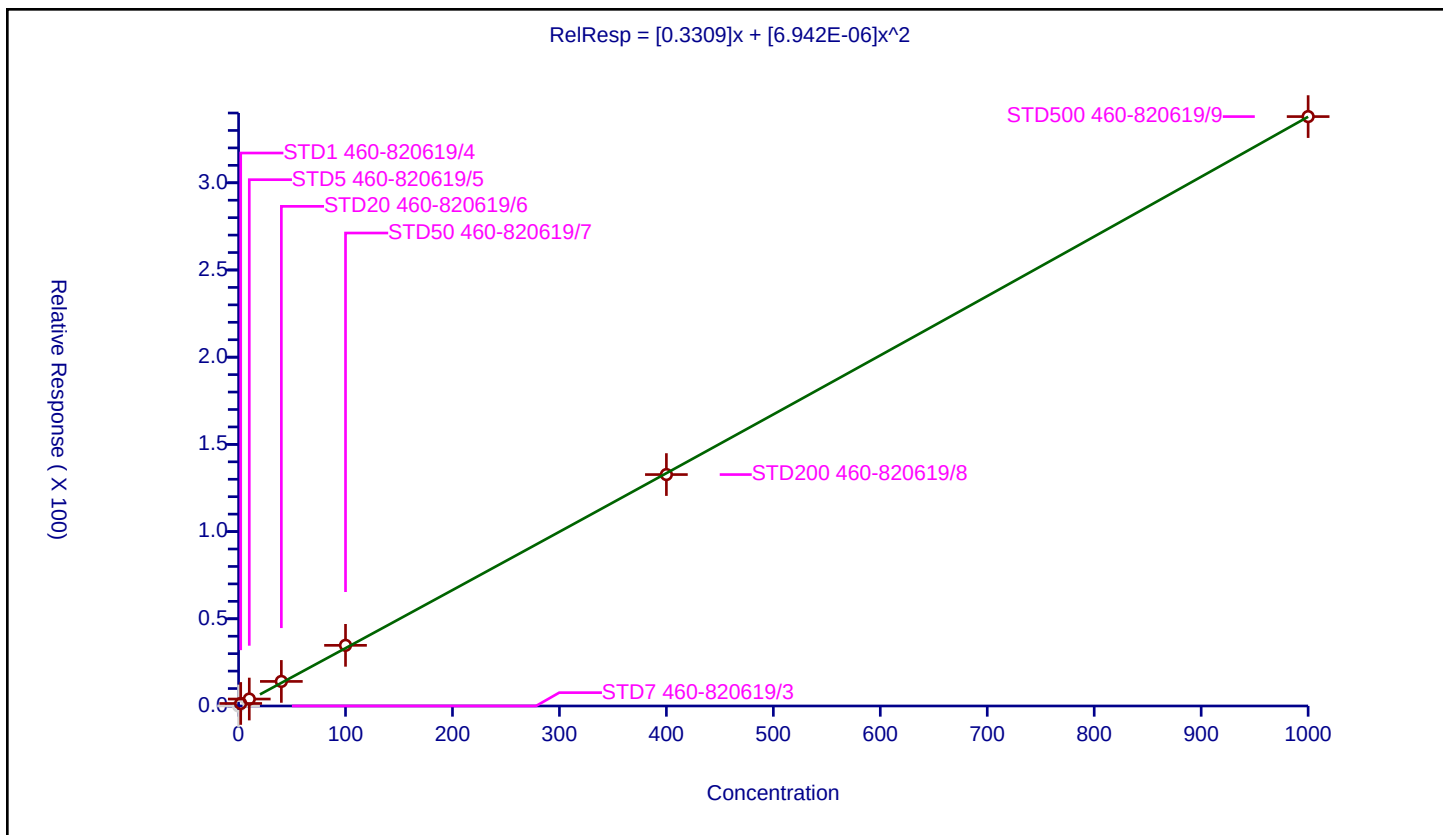
Curve Coefficients

Intercept: 0
 Slope: 0.3309
 Second Order: 6.942E-06

Error Coefficients

Standard Error: 216000
 Relative Standard Error: 59.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	250.0	276984.0	NaN	N
2	STD1 460-820619/4	2.0	1.439772	250.0	271918.0	0.719886	Y
3	STD5 460-820619/5	10.0	3.978081	250.0	267717.0	0.397808	Y
4	STD20 460-820619/6	40.0	14.09538	250.0	277857.0	0.352384	Y
5	STD50 460-820619/7	100.0	34.780667	250.0	273169.0	0.347807	Y
6	STD200 460-820619/8	400.0	132.696636	250.0	281714.0	0.331742	Y
7	STD500 460-820619/9	1000.0	337.95705	250.0	298299.0	0.337957	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

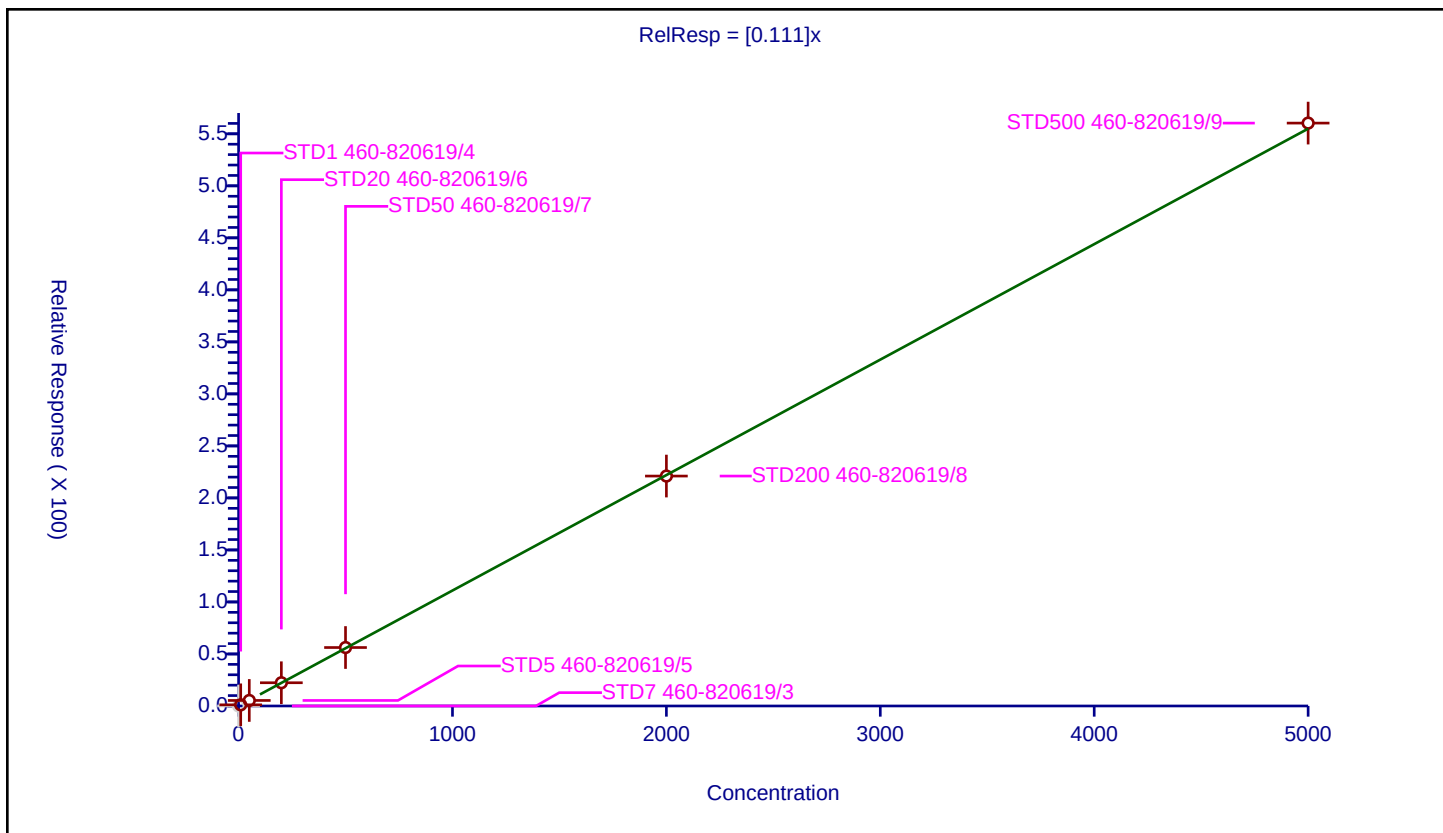
Curve Coefficients

Intercept: 0
 Slope: 0.111

Error Coefficients

Standard Error: 2900000
 Relative Standard Error: 2.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	10.0	1.126986	50.0	501914.0	0.112699	Y
3	STD5 460-820619/5	50.0	5.328202	50.0	491404.0	0.106564	Y
4	STD20 460-820619/6	200.0	22.3342	50.0	531801.0	0.111671	Y
5	STD50 460-820619/7	500.0	56.199197	50.0	522729.0	0.112398	Y
6	STD200 460-820619/8	2000.0	221.018169	50.0	542621.0	0.110509	Y
7	STD500 460-820619/9	5000.0	560.298067	50.0	534275.0	0.11206	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

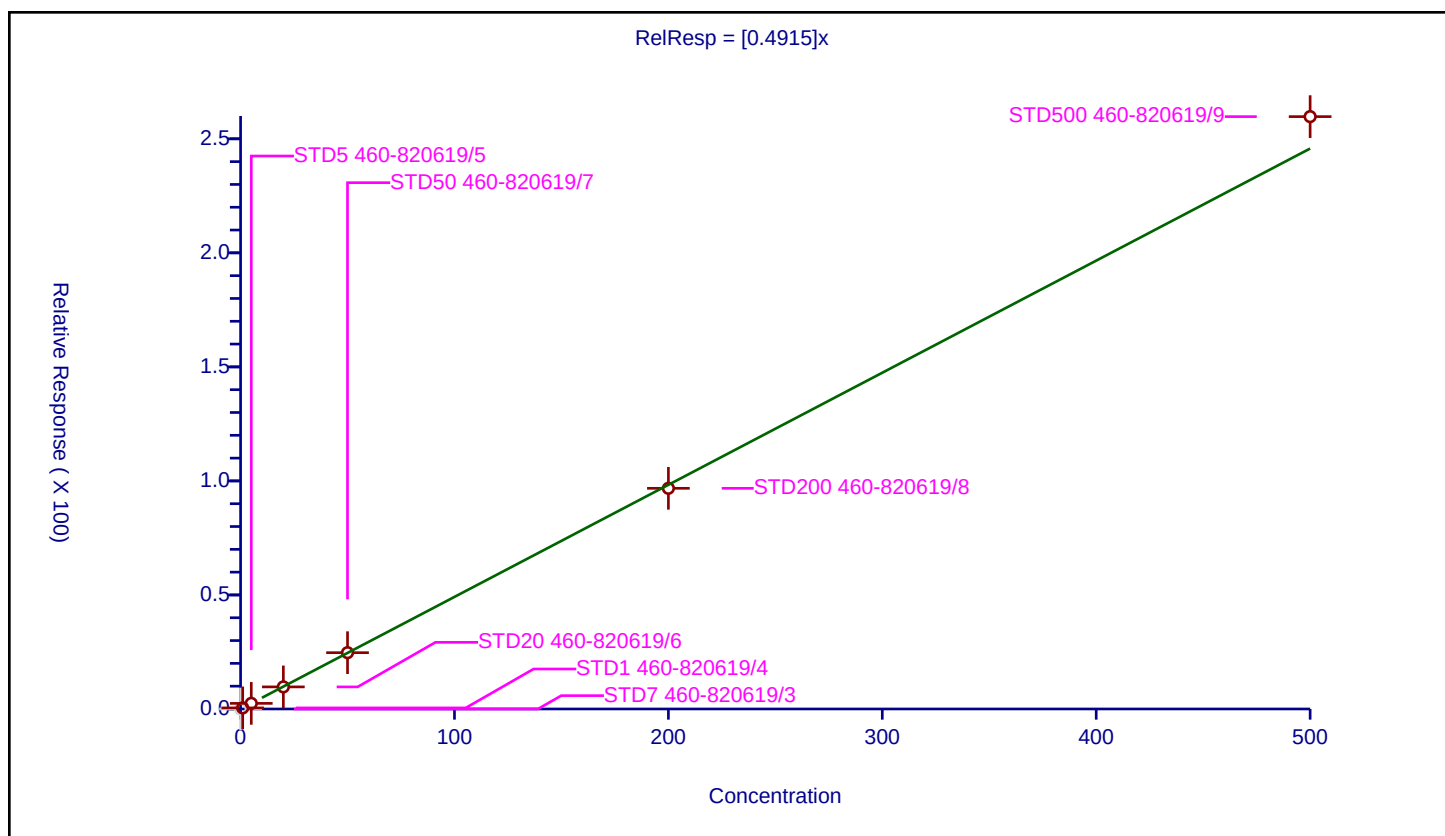
Curve Coefficients

Intercept: 0
 Slope: 0.4915

Error Coefficients

Standard Error: 1330000
 Relative Standard Error: 3.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.476078	50.0	501914.0	0.476078	Y
3	STD5 460-820619/5	5.0	2.457652	50.0	491404.0	0.49153	Y
4	STD20 460-820619/6	20.0	9.681911	50.0	531801.0	0.484096	Y
5	STD50 460-820619/7	50.0	24.692718	50.0	522729.0	0.493854	Y
6	STD200 460-820619/8	200.0	96.765514	50.0	542621.0	0.483828	Y
7	STD500 460-820619/9	500.0	259.72692	50.0	534275.0	0.519454	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

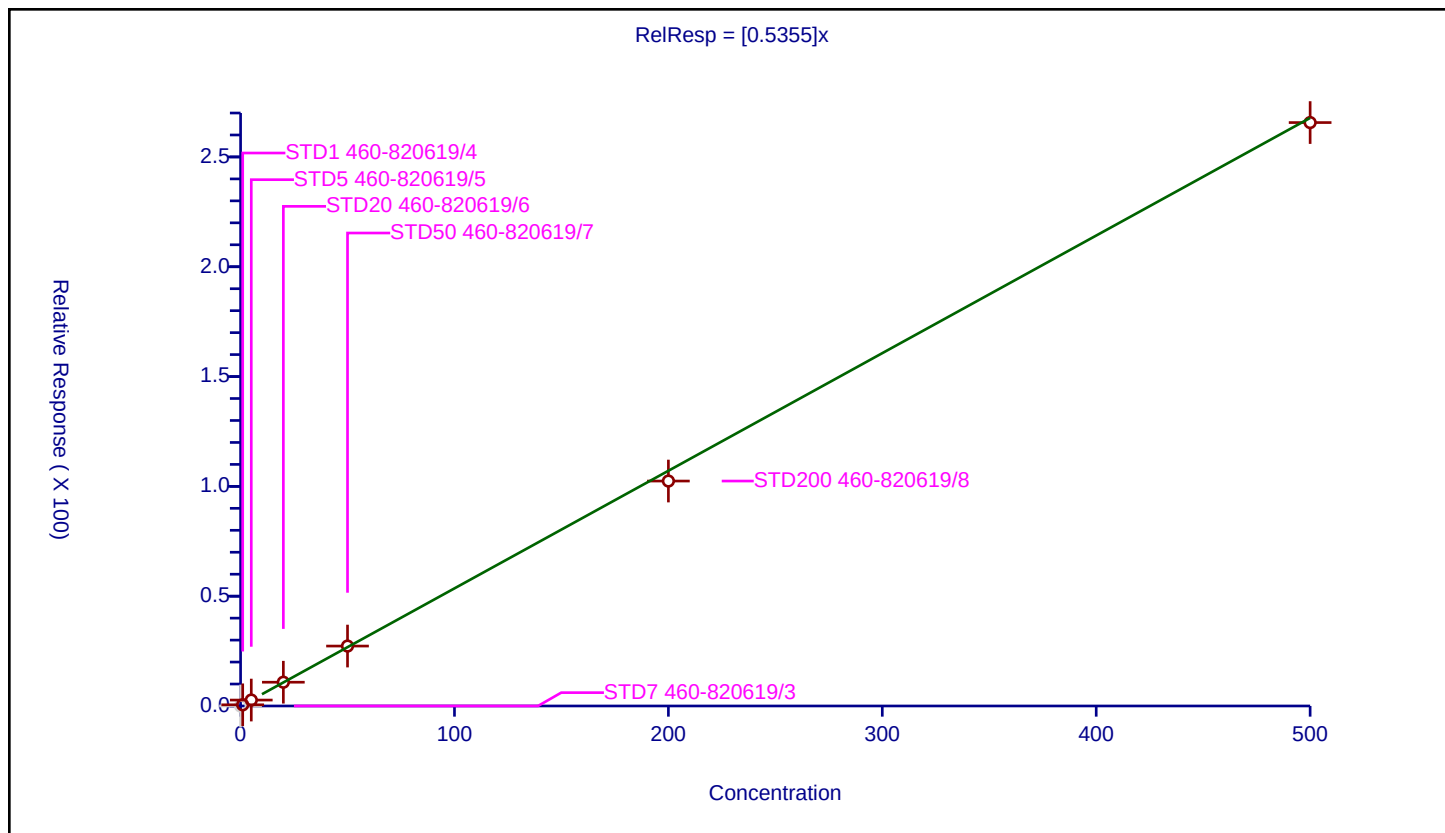
Curve Coefficients

Intercept: 0
Slope: 0.5355

Error Coefficients

Standard Error: 1370000
Relative Standard Error: 2.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.542424	50.0	501914.0	0.542424	Y
3	STD5 460-820619/5	5.0	2.69951	50.0	491404.0	0.539902	Y
4	STD20 460-820619/6	20.0	10.829615	50.0	531801.0	0.541481	Y
5	STD50 460-820619/7	50.0	27.291101	50.0	522729.0	0.545822	Y
6	STD200 460-820619/8	200.0	102.427477	50.0	542621.0	0.512137	Y
7	STD500 460-820619/9	500.0	265.652894	50.0	534275.0	0.531306	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

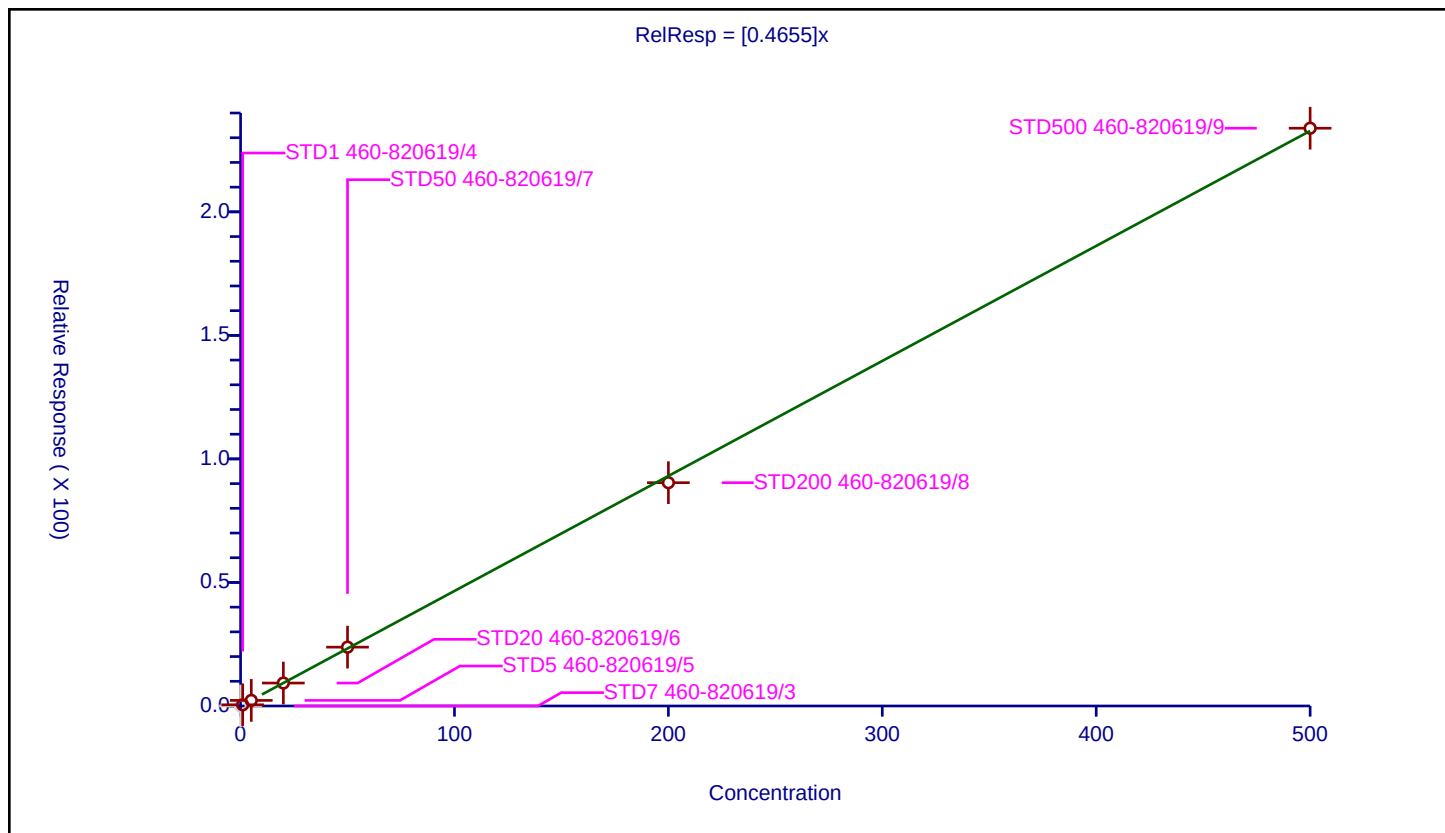
Curve Coefficients

Intercept: 0
Slope: 0.4655

Error Coefficients

Standard Error: 1210000
Relative Standard Error: 2.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.481656	50.0	501914.0	0.481656	Y
3	STD5 460-820619/5	5.0	2.256494	50.0	491404.0	0.451299	Y
4	STD20 460-820619/6	20.0	9.287309	50.0	531801.0	0.464365	Y
5	STD50 460-820619/7	50.0	23.810521	50.0	522729.0	0.47621	Y
6	STD200 460-820619/8	200.0	90.377722	50.0	542621.0	0.451889	Y
7	STD500 460-820619/9	500.0	233.843526	50.0	534275.0	0.467687	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

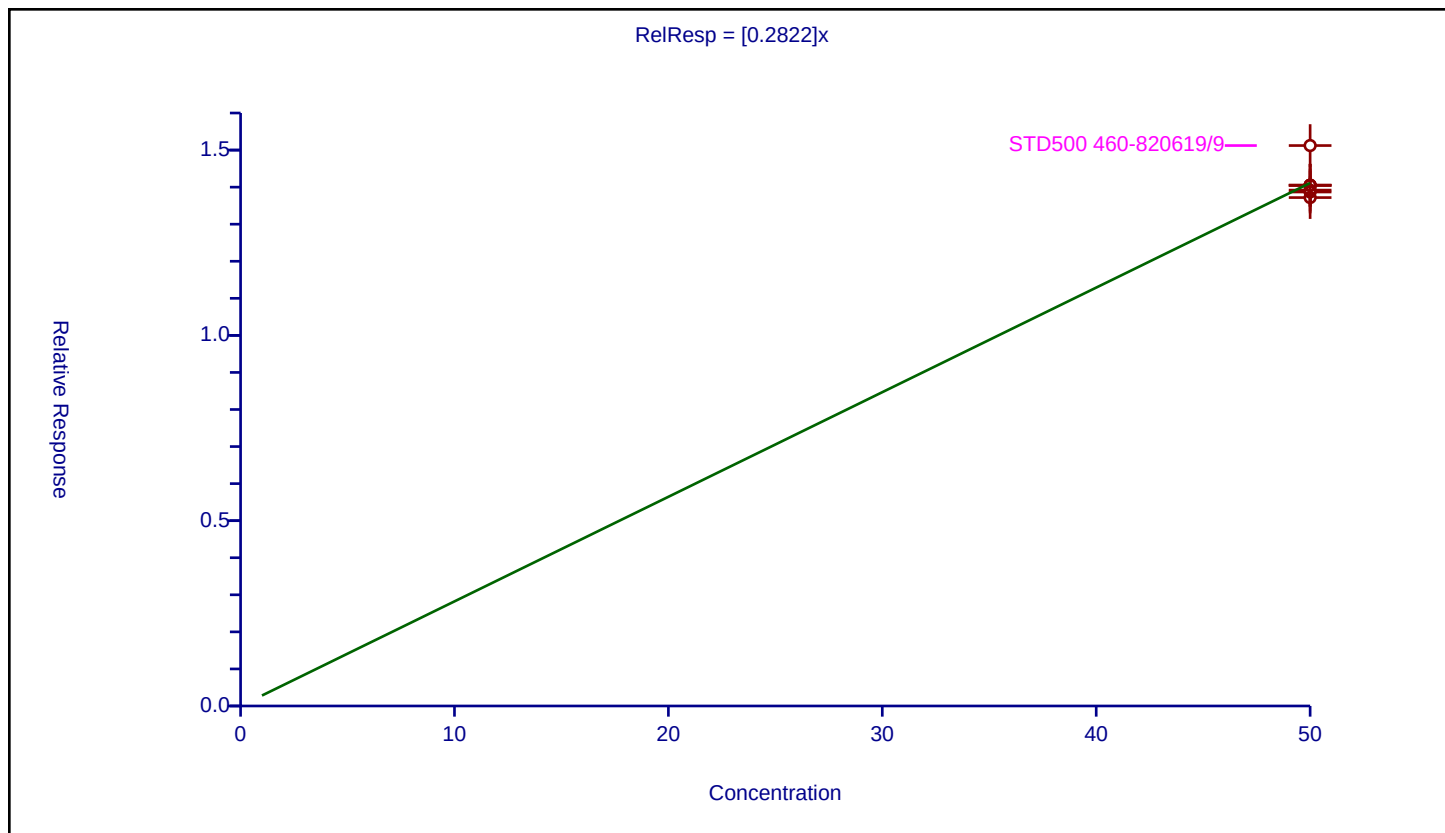
Curve Coefficients

Intercept: 0
 Slope: 0.2822

Error Coefficients

Standard Error: 158000
 Relative Standard Error: 3.3
 Correlation Coefficient: 0.00000000000000000000
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	50.0	14.052717	50.0	507731.0	0.281054	Y
2	STD1 460-820619/4	50.0	14.052706	50.0	501914.0	0.281054	Y
3	STD5 460-820619/5	50.0	13.718346	50.0	491404.0	0.274367	Y
4	STD20 460-820619/6	50.0	14.04595	50.0	531801.0	0.280919	Y
5	STD50 460-820619/7	50.0	13.868563	50.0	522729.0	0.277371	Y
6	STD200 460-820619/8	50.0	13.91966	50.0	542621.0	0.278393	Y
7	STD500 460-820619/9	50.0	15.122268	50.0	534275.0	0.302445	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

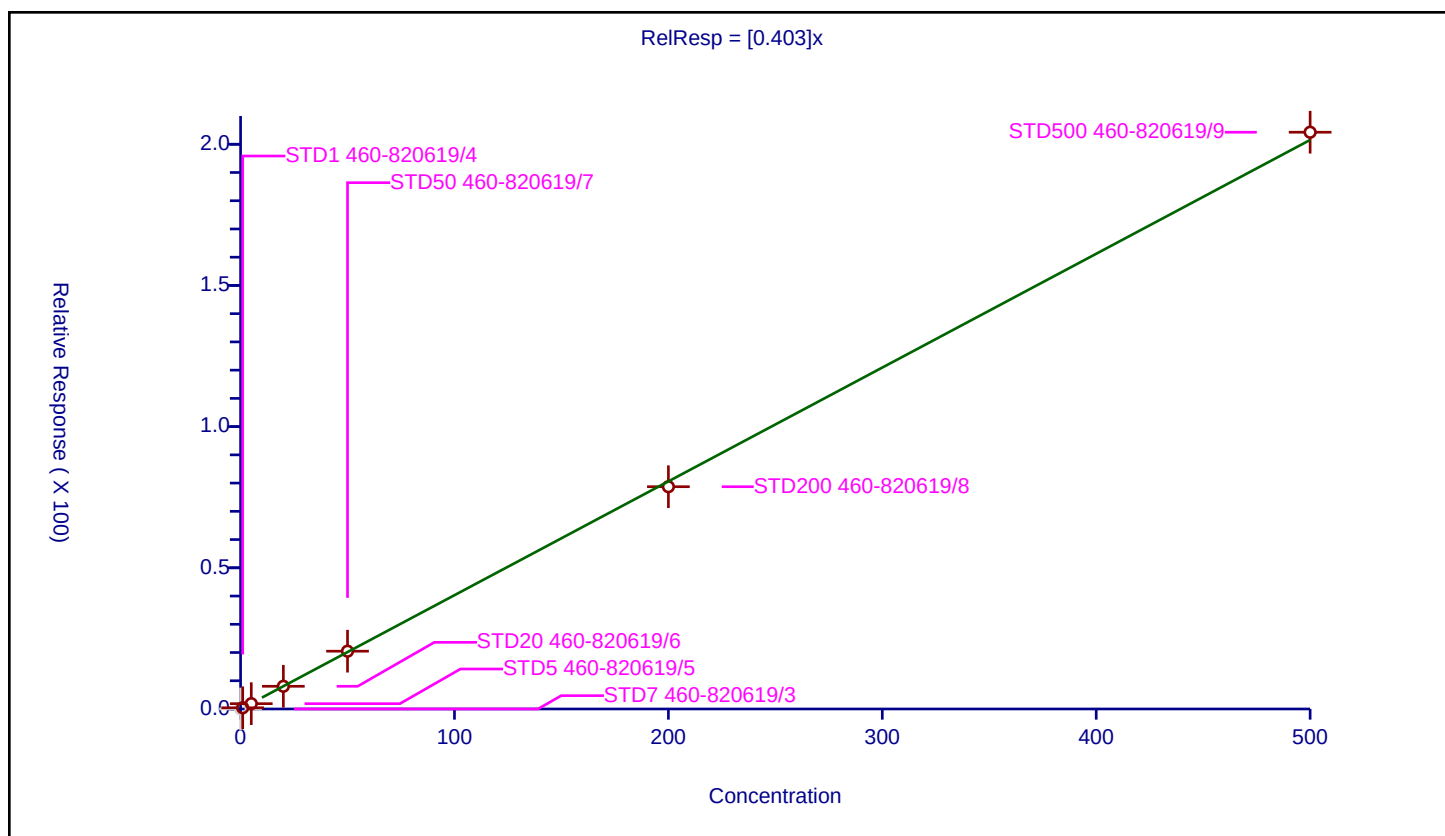
Curve Coefficients

Intercept: 0
 Slope: 0.403

Error Coefficients

Standard Error: 1050000
 Relative Standard Error: 4.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.427464	50.0	501914.0	0.427464	Y
3	STD5 460-820619/5	5.0	1.886126	50.0	491404.0	0.377225	Y
4	STD20 460-820619/6	20.0	8.041166	50.0	531801.0	0.402058	Y
5	STD50 460-820619/7	50.0	20.46835	50.0	522729.0	0.409367	Y
6	STD200 460-820619/8	200.0	78.718111	50.0	542621.0	0.393591	Y
7	STD500 460-820619/9	500.0	204.256422	50.0	534275.0	0.408513	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

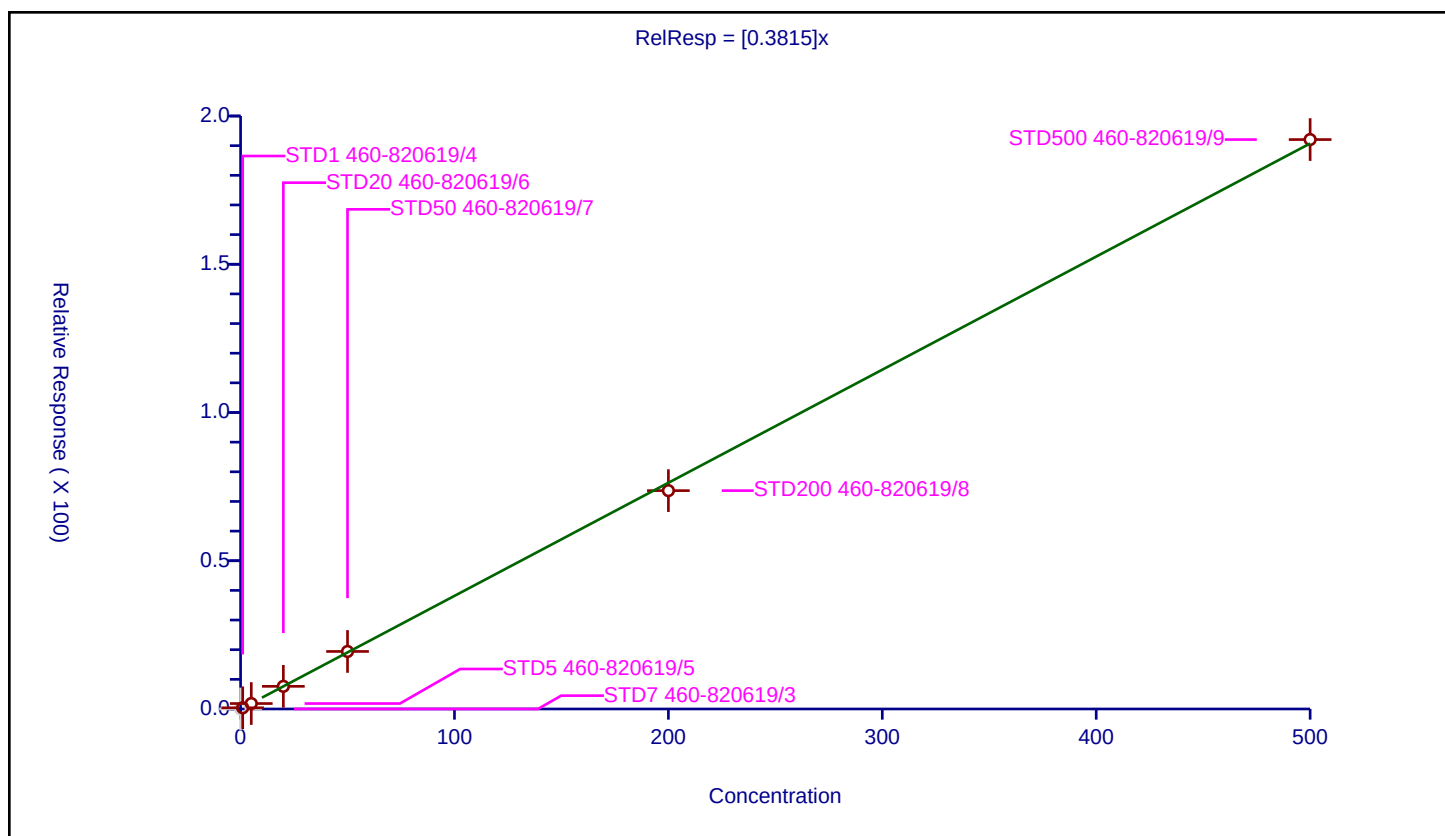
Curve Coefficients

Intercept: 0
 Slope: 0.3815

Error Coefficients

Standard Error: 990000
 Relative Standard Error: 3.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.397578	50.0	501914.0	0.397578	Y
3	STD5 460-820619/5	5.0	1.843392	50.0	491404.0	0.368678	Y
4	STD20 460-820619/6	20.0	7.643085	50.0	531801.0	0.382154	Y
5	STD50 460-820619/7	50.0	19.402597	50.0	522729.0	0.388052	Y
6	STD200 460-820619/8	200.0	73.647352	50.0	542621.0	0.368237	Y
7	STD500 460-820619/9	500.0	192.054654	50.0	534275.0	0.384109	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

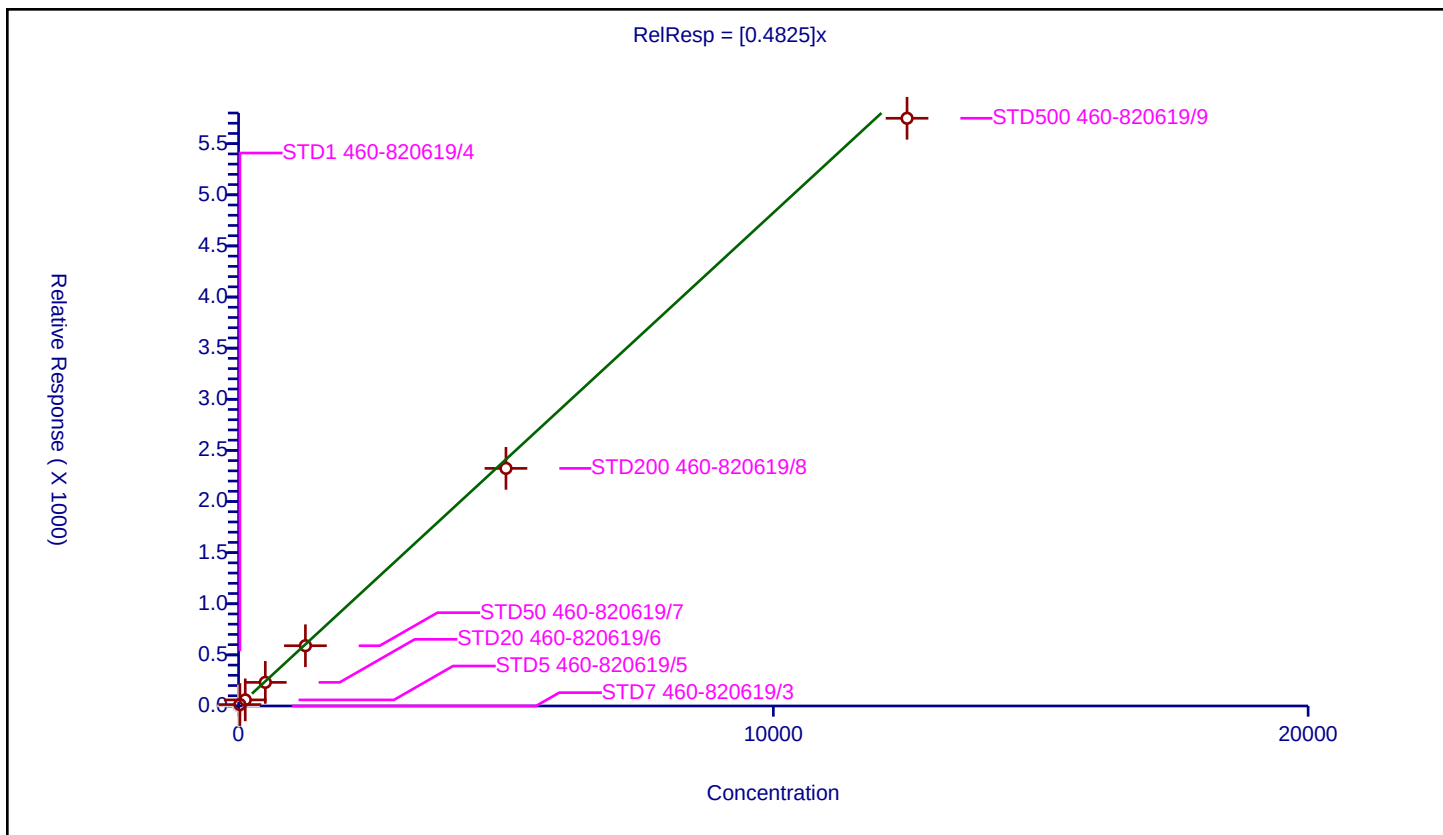
Curve Coefficients

Intercept: 0
Slope: 0.4825

Error Coefficients

Standard Error: 741000
Relative Standard Error: 8.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	25.0	14.009258	1000.0	253618.0	0.56037	Y
3	STD5 460-820619/5	125.0	59.523166	1000.0	258790.0	0.476185	Y
4	STD20 460-820619/6	500.0	230.978579	1000.0	264557.0	0.461957	Y
5	STD50 460-820619/7	1250.0	589.350663	1000.0	265594.0	0.471481	Y
6	STD200 460-820619/8	5000.0	2324.143199	1000.0	260533.0	0.464829	Y
7	STD500 460-820619/9	12500.0	5748.537662	1000.0	267893.0	0.459883	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

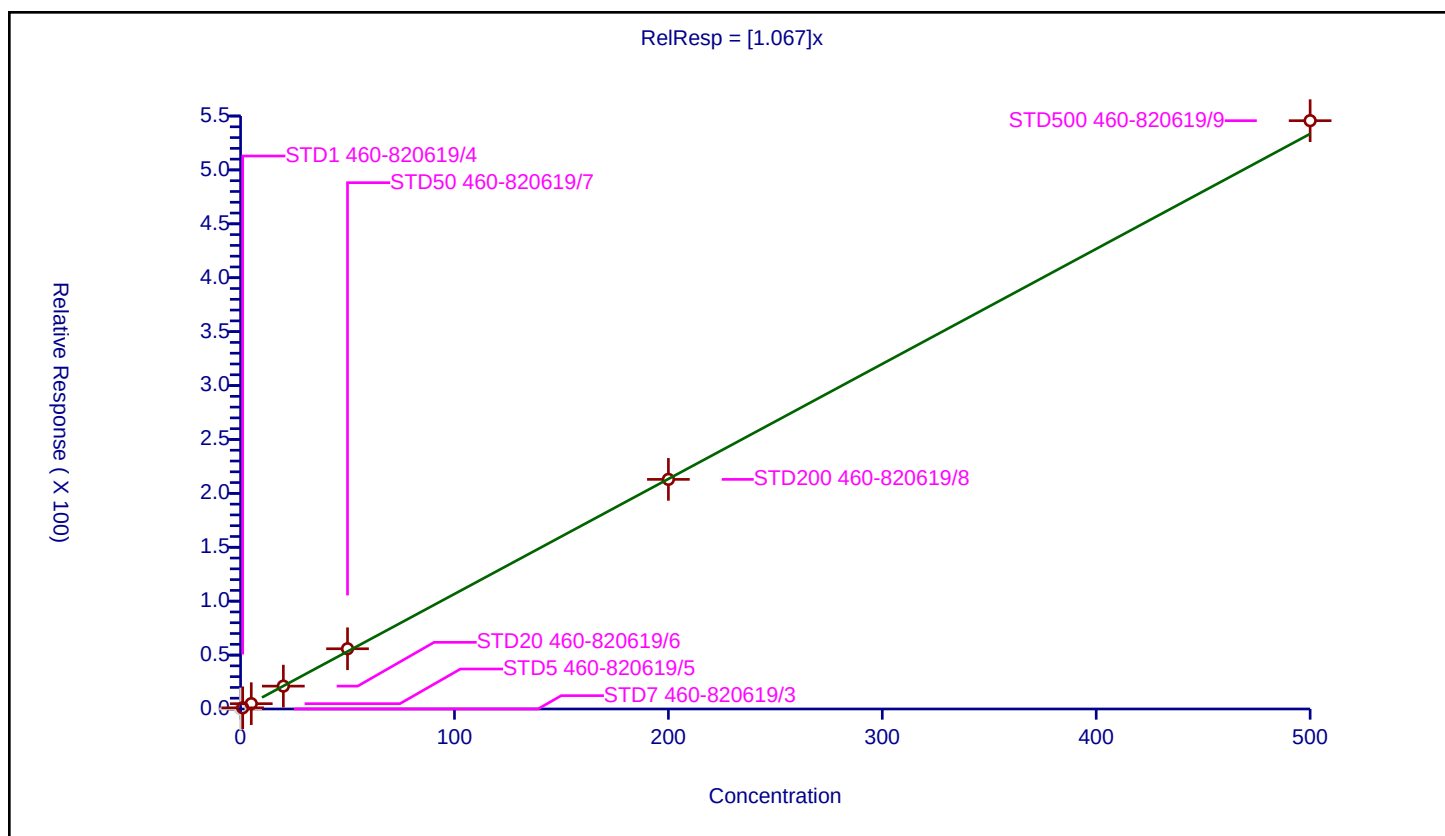
Curve Coefficients

Intercept: 0
Slope: 1.067

Error Coefficients

Standard Error: 2820000
Relative Standard Error: 4.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	1.079468	50.0	501914.0	1.079468	Y
3	STD5 460-820619/5	5.0	4.937485	50.0	491404.0	0.987497	Y
4	STD20 460-820619/6	20.0	21.214044	50.0	531801.0	1.060702	Y
5	STD50 460-820619/7	50.0	55.871972	50.0	522729.0	1.117439	Y
6	STD200 460-820619/8	200.0	212.978948	50.0	542621.0	1.064895	Y
7	STD500 460-820619/9	500.0	545.682093	50.0	534275.0	1.091364	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

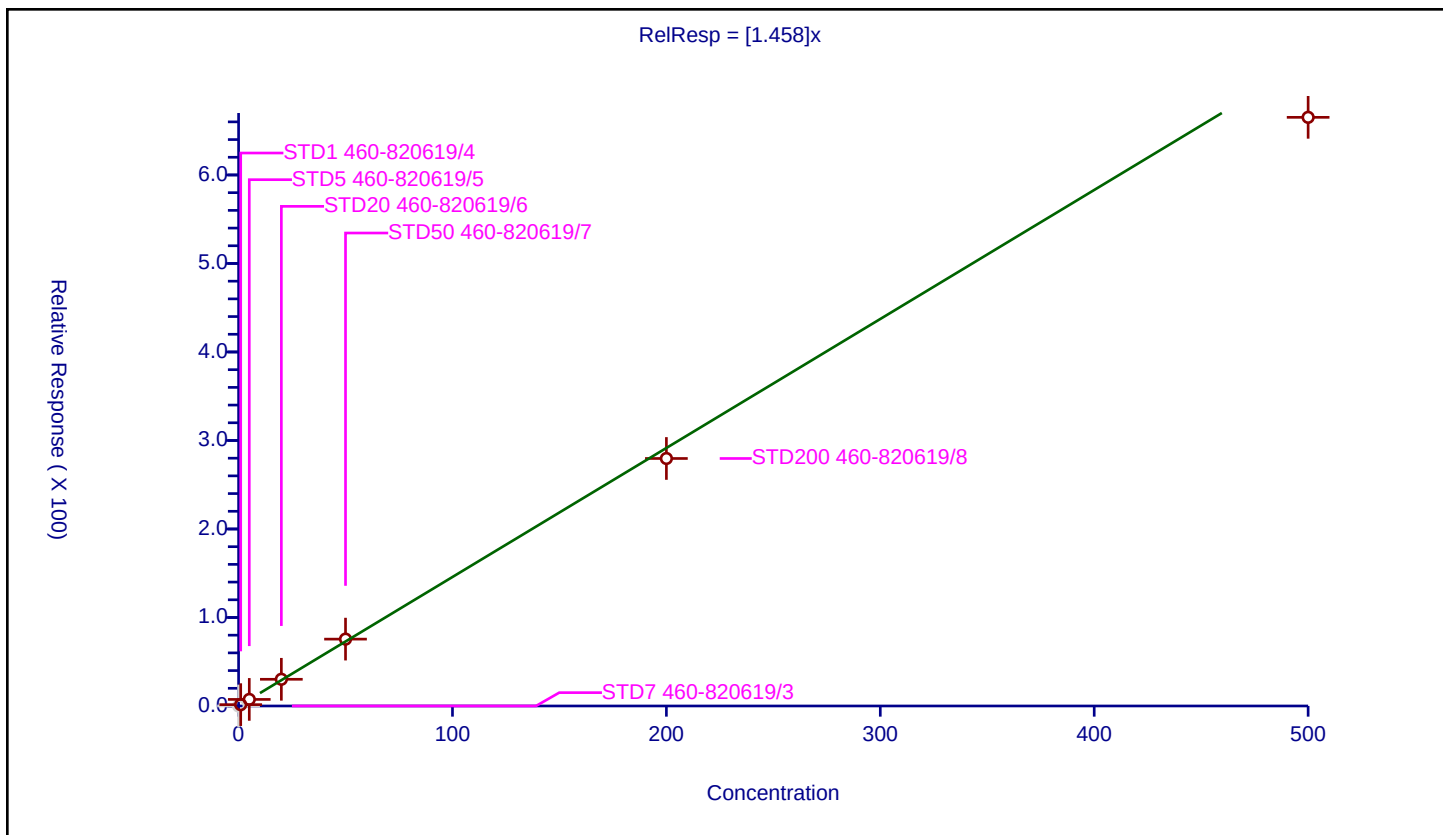
Curve Coefficients

Intercept: 0
Slope: 1.458

Error Coefficients

Standard Error: 2700000
Relative Standard Error: 5.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	1.509888	50.0	358106.0	1.509888	Y
3	STD5 460-820619/5	5.0	7.434372	50.0	351072.0	1.486874	Y
4	STD20 460-820619/6	20.0	30.180647	50.0	385835.0	1.509032	Y
5	STD50 460-820619/7	50.0	75.560623	50.0	383279.0	1.511212	Y
6	STD200 460-820619/8	200.0	279.666674	50.0	408669.0	1.398333	Y
7	STD500 460-820619/9	500.0	665.11558	50.0	417417.0	1.330231	Y



Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

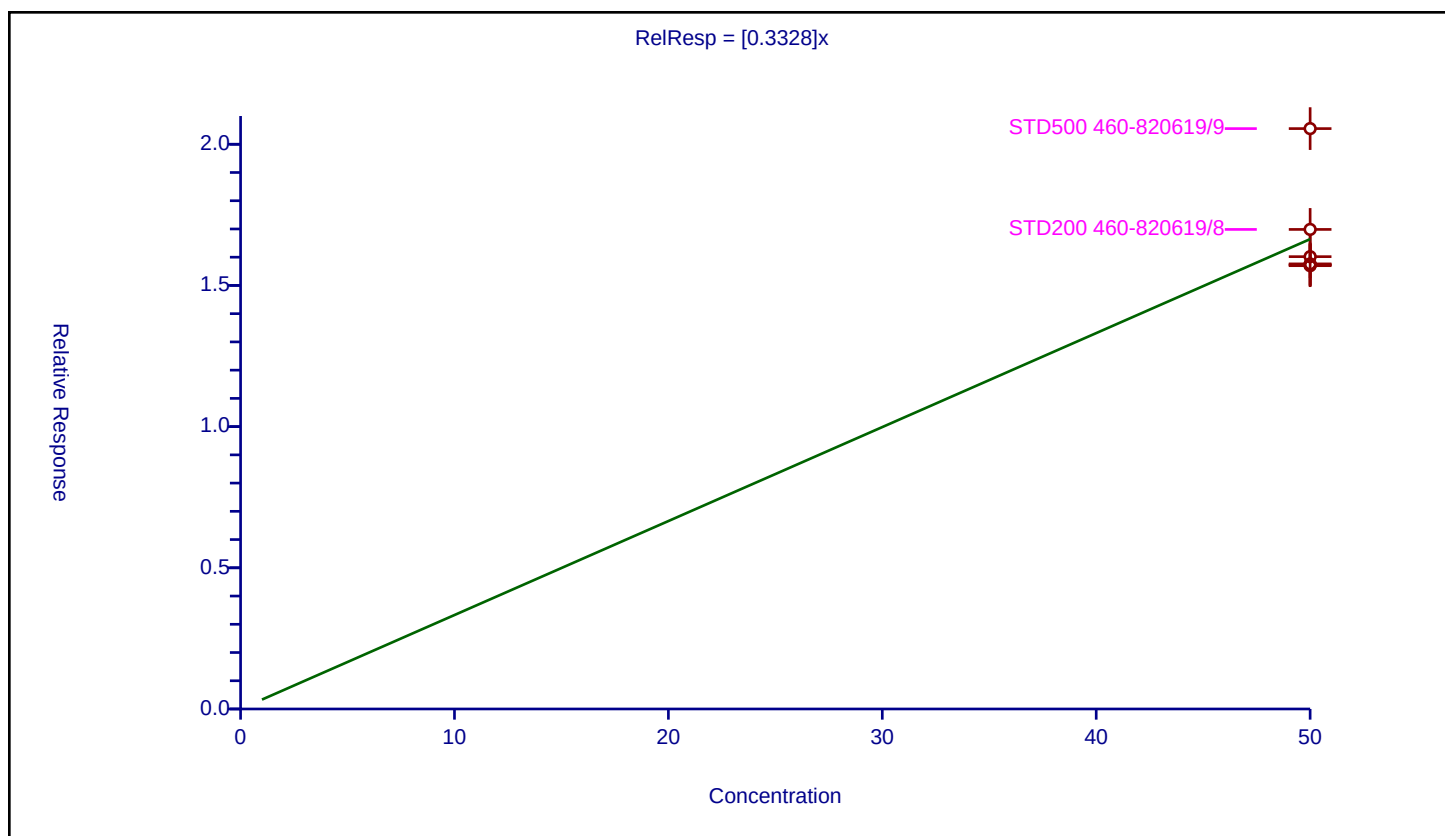
Curve Coefficients

Intercept: 0
 Slope: 0.3328

Error Coefficients

Standard Error: 188000
 Relative Standard Error: 10.7
 Correlation Coefficient: 0.00000000000000000000
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	50.0	15.733528	50.0	507731.0	0.314671	Y
2	STD1 460-820619/4	50.0	16.019677	50.0	501914.0	0.320394	Y
3	STD5 460-820619/5	50.0	15.763303	50.0	491404.0	0.315266	Y
4	STD20 460-820619/6	50.0	15.699482	50.0	531801.0	0.31399	Y
5	STD50 460-820619/7	50.0	15.726792	50.0	522729.0	0.314536	Y
6	STD200 460-820619/8	50.0	16.983217	50.0	542621.0	0.339664	Y
7	STD500 460-820619/9	50.0	20.554022	50.0	534275.0	0.41108	Y



Calibration

/ Isopropyl acetate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

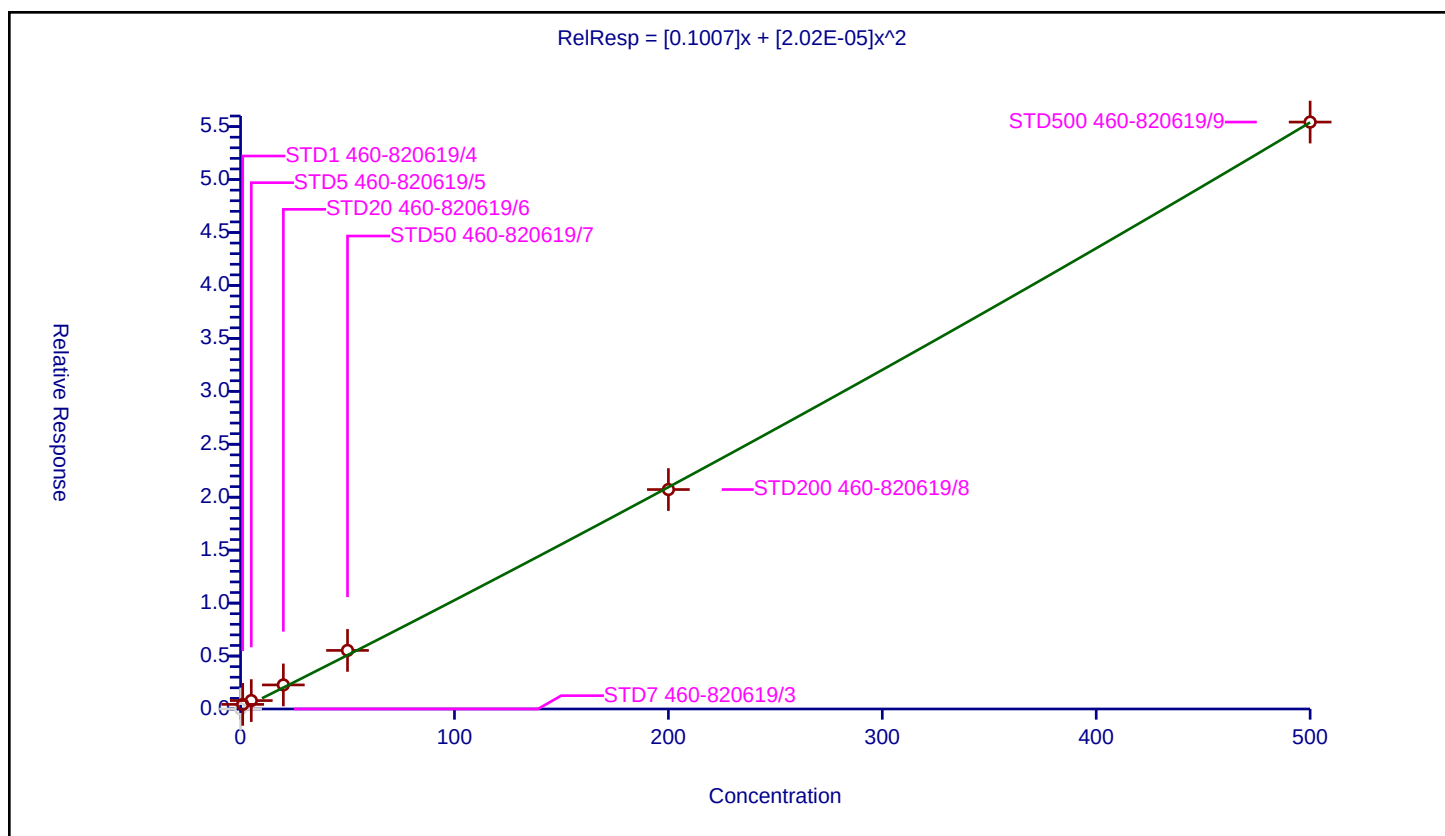
Curve Coefficients

Intercept: 0
 Slope: 0.1007
 Second Order: 2.02E-05

Error Coefficients

Standard Error: 318000
 Relative Standard Error: 168.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.434238	50.0	501914.0	0.434238	Y
3	STD5 460-820619/5	5.0	0.79395	50.0	491404.0	0.15879	Y
4	STD20 460-820619/6	20.0	2.272655	50.0	531801.0	0.113633	Y
5	STD50 460-820619/7	50.0	5.532217	50.0	522729.0	0.110644	Y
6	STD200 460-820619/8	200.0	20.724133	50.0	542621.0	0.103621	Y
7	STD500 460-820619/9	500.0	55.427074	50.0	534275.0	0.110854	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

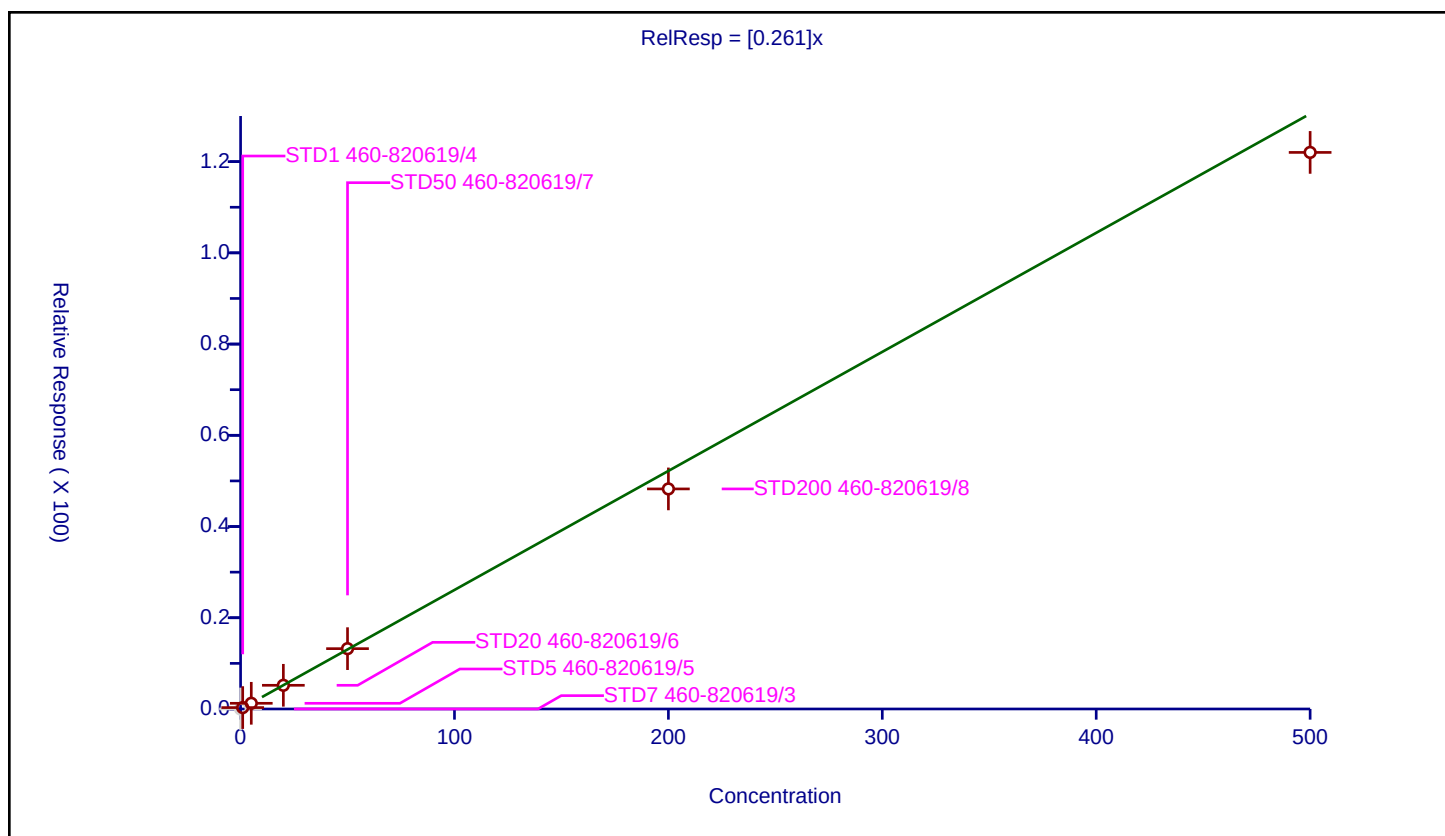
Curve Coefficients

Intercept: 0
Slope: 0.261

Error Coefficients

Standard Error: 632000
Relative Standard Error: 9.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.306825	50.0	501914.0	0.306825	Y
3	STD5 460-820619/5	5.0	1.24653	50.0	491404.0	0.249306	Y
4	STD20 460-820619/6	20.0	5.196305	50.0	531801.0	0.259815	Y
5	STD50 460-820619/7	50.0	13.228939	50.0	522729.0	0.264579	Y
6	STD200 460-820619/8	200.0	48.248133	50.0	542621.0	0.241241	Y
7	STD500 460-820619/9	500.0	122.02115	50.0	534275.0	0.244042	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

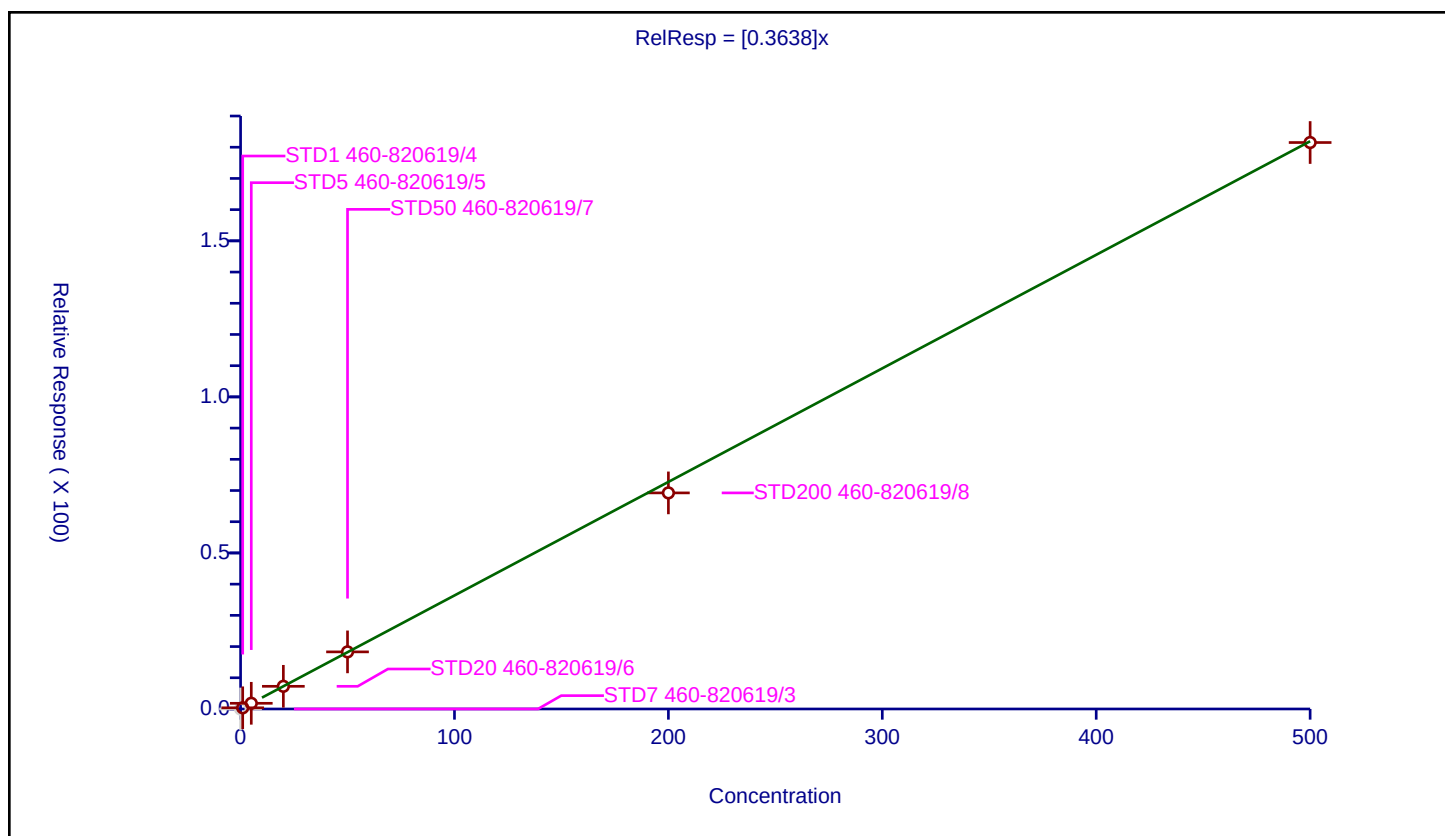
Curve Coefficients

Intercept: 0
 Slope: 0.3638

Error Coefficients

Standard Error: 935000
 Relative Standard Error: 2.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.379547	50.0	501914.0	0.379547	Y
3	STD5 460-820619/5	5.0	1.824263	50.0	491404.0	0.364853	Y
4	STD20 460-820619/6	20.0	7.264654	50.0	531801.0	0.363233	Y
5	STD50 460-820619/7	50.0	18.30107	50.0	522729.0	0.366021	Y
6	STD200 460-820619/8	200.0	69.242989	50.0	542621.0	0.346215	Y
7	STD500 460-820619/9	500.0	181.509148	50.0	534275.0	0.363018	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

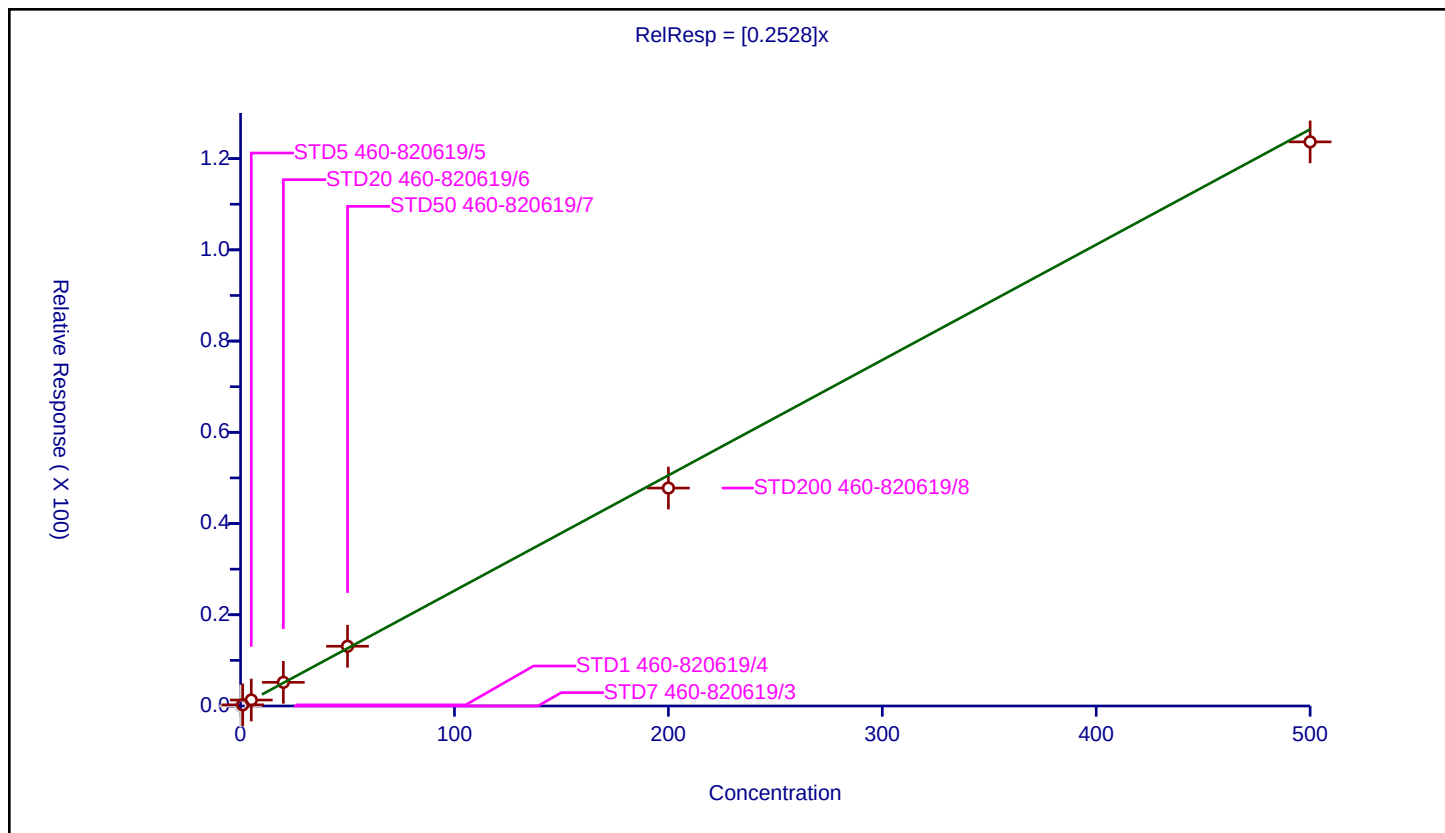
Curve Coefficients

Intercept: 0
 Slope: 0.2528

Error Coefficients

Standard Error: 638000
 Relative Standard Error: 3.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.247652	50.0	501914.0	0.247652	Y
3	STD5 460-820619/5	5.0	1.308801	50.0	491404.0	0.26176	Y
4	STD20 460-820619/6	20.0	5.188689	50.0	531801.0	0.259434	Y
5	STD50 460-820619/7	50.0	13.100574	50.0	522729.0	0.262011	Y
6	STD200 460-820619/8	200.0	47.776533	50.0	542621.0	0.238883	Y
7	STD500 460-820619/9	500.0	123.673951	50.0	534275.0	0.247348	Y



Calibration

/ n-Butanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

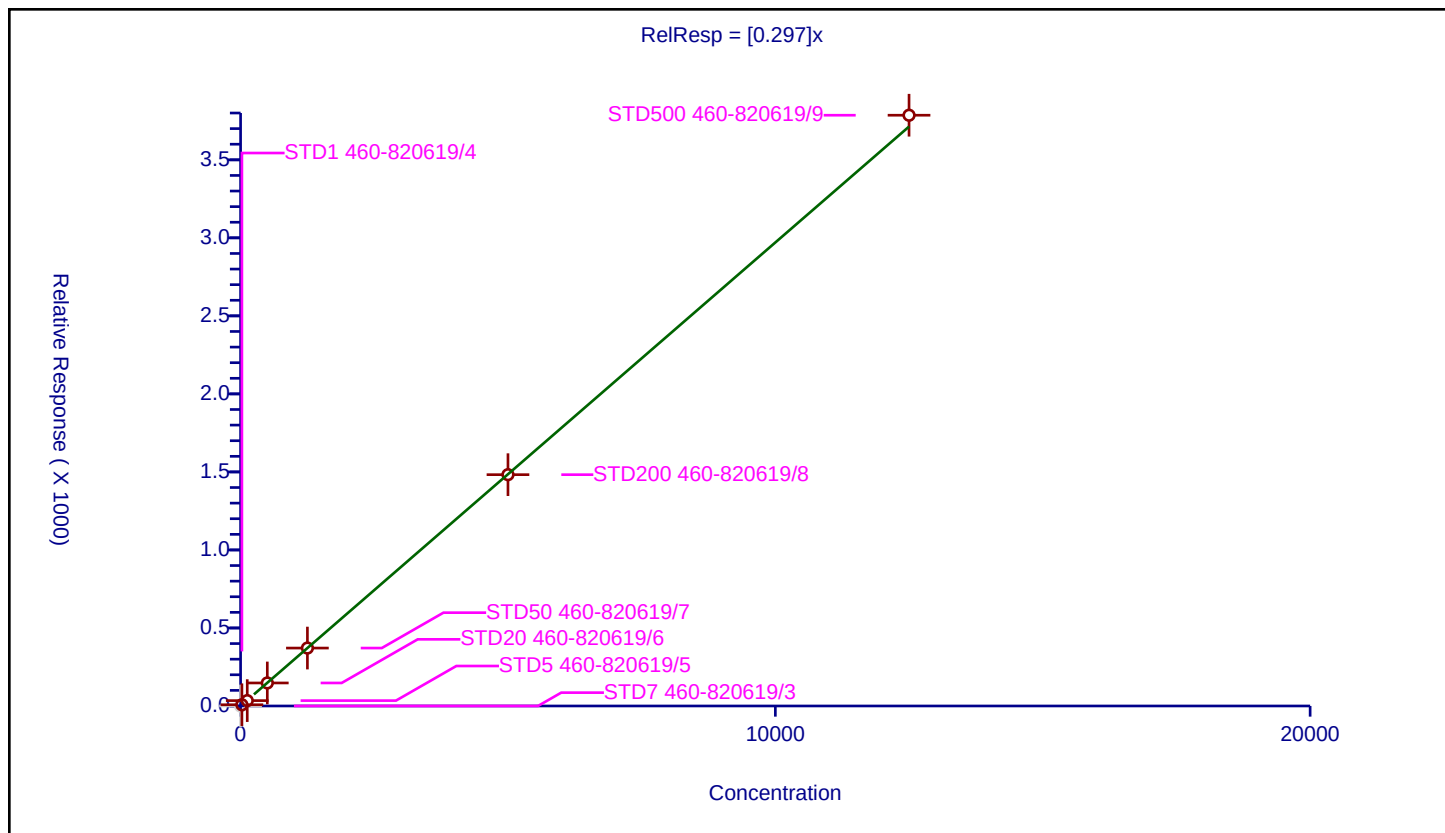
Curve Coefficients

Intercept: 0
 Slope: 0.297

Error Coefficients

Standard Error: 486000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	256853.0	NaN	N
2	STD1 460-820619/4	25.0	7.885876	1000.0	253618.0	0.315435	Y
3	STD5 460-820619/5	125.0	34.398547	1000.0	258790.0	0.275188	Y
4	STD20 460-820619/6	500.0	147.646821	1000.0	264557.0	0.295294	Y
5	STD50 460-820619/7	1250.0	371.254622	1000.0	265594.0	0.297004	Y
6	STD200 460-820619/8	5000.0	1482.391866	1000.0	260533.0	0.296478	Y
7	STD500 460-820619/9	12500.0	3785.757747	1000.0	267893.0	0.302861	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

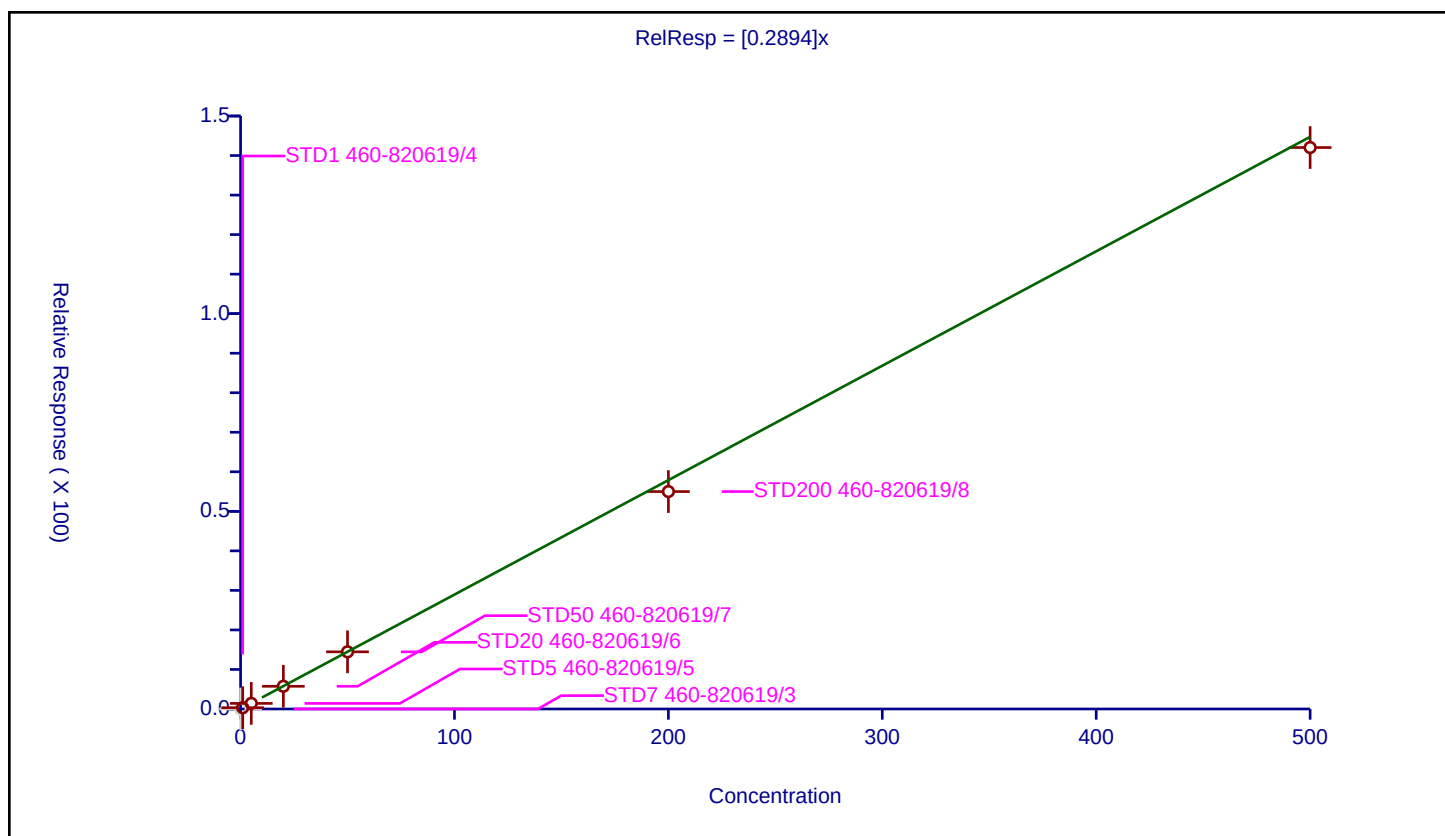
Curve Coefficients

Intercept: 0
 Slope: 0.2894

Error Coefficients

Standard Error: 733000
 Relative Standard Error: 5.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.318381	50.0	501914.0	0.318381	Y
3	STD5 460-820619/5	5.0	1.414518	50.0	491404.0	0.282904	Y
4	STD20 460-820619/6	20.0	5.742844	50.0	531801.0	0.287142	Y
5	STD50 460-820619/7	50.0	14.460457	50.0	522729.0	0.289209	Y
6	STD200 460-820619/8	200.0	54.997687	50.0	542621.0	0.274988	Y
7	STD500 460-820619/9	500.0	142.026672	50.0	534275.0	0.284053	Y



Calibration

/ Ethyl acrylate

Curve Type: Linear
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

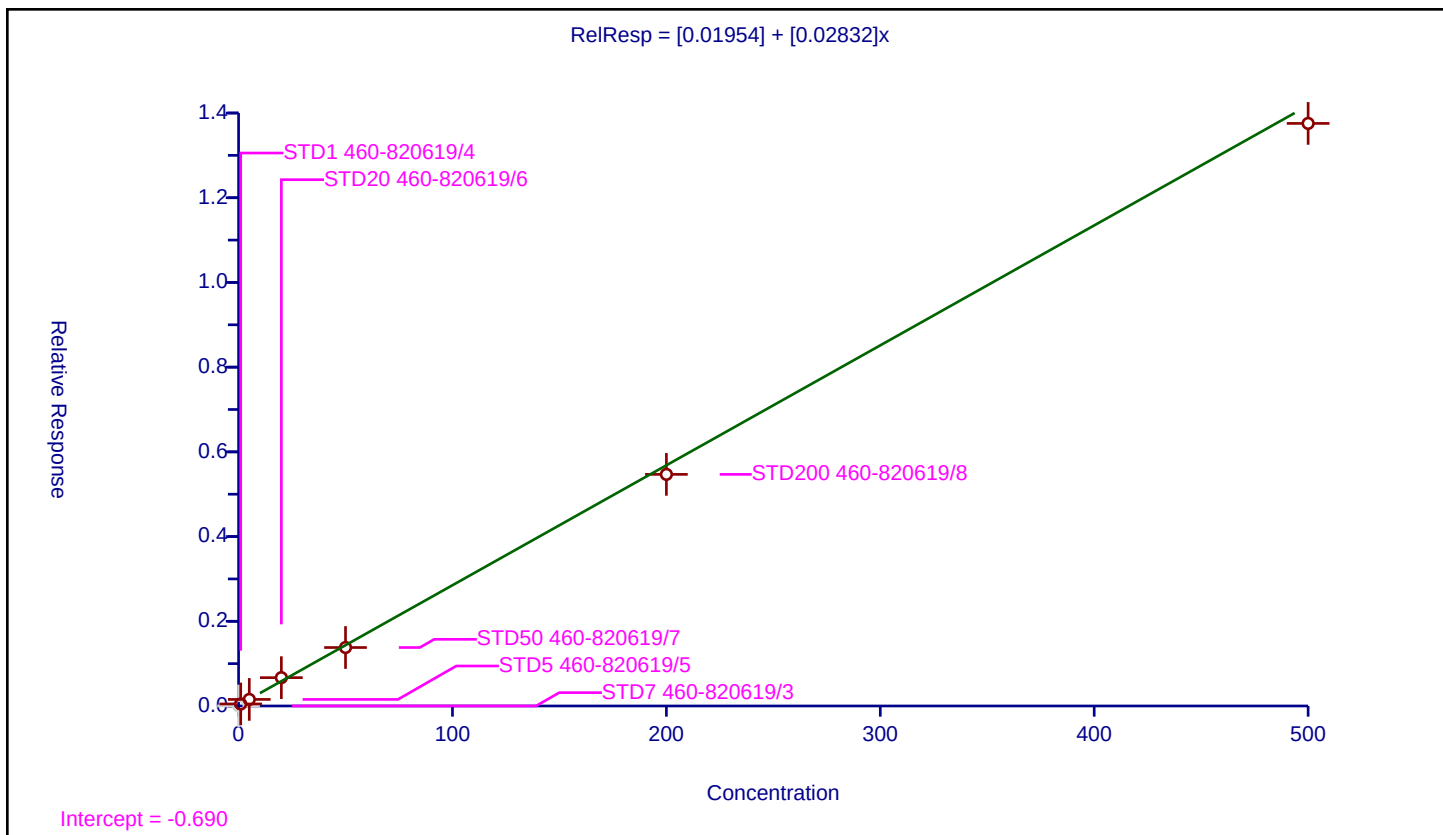
Curve Coefficients

Intercept: 0.01954
 Slope: 0.02832

Error Coefficients

Standard Error: 79700
 Relative Standard Error: 8.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.047917	50.0	501914.0	0.047917	Y
3	STD5 460-820619/5	5.0	0.155066	50.0	491404.0	0.031013	Y
4	STD20 460-820619/6	20.0	0.669235	50.0	531801.0	0.033462	Y
5	STD50 460-820619/7	50.0	1.380543	50.0	522729.0	0.027611	Y
6	STD200 460-820619/8	200.0	5.468181	50.0	542621.0	0.027341	Y
7	STD500 460-820619/9	500.0	13.754153	50.0	534275.0	0.027508	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

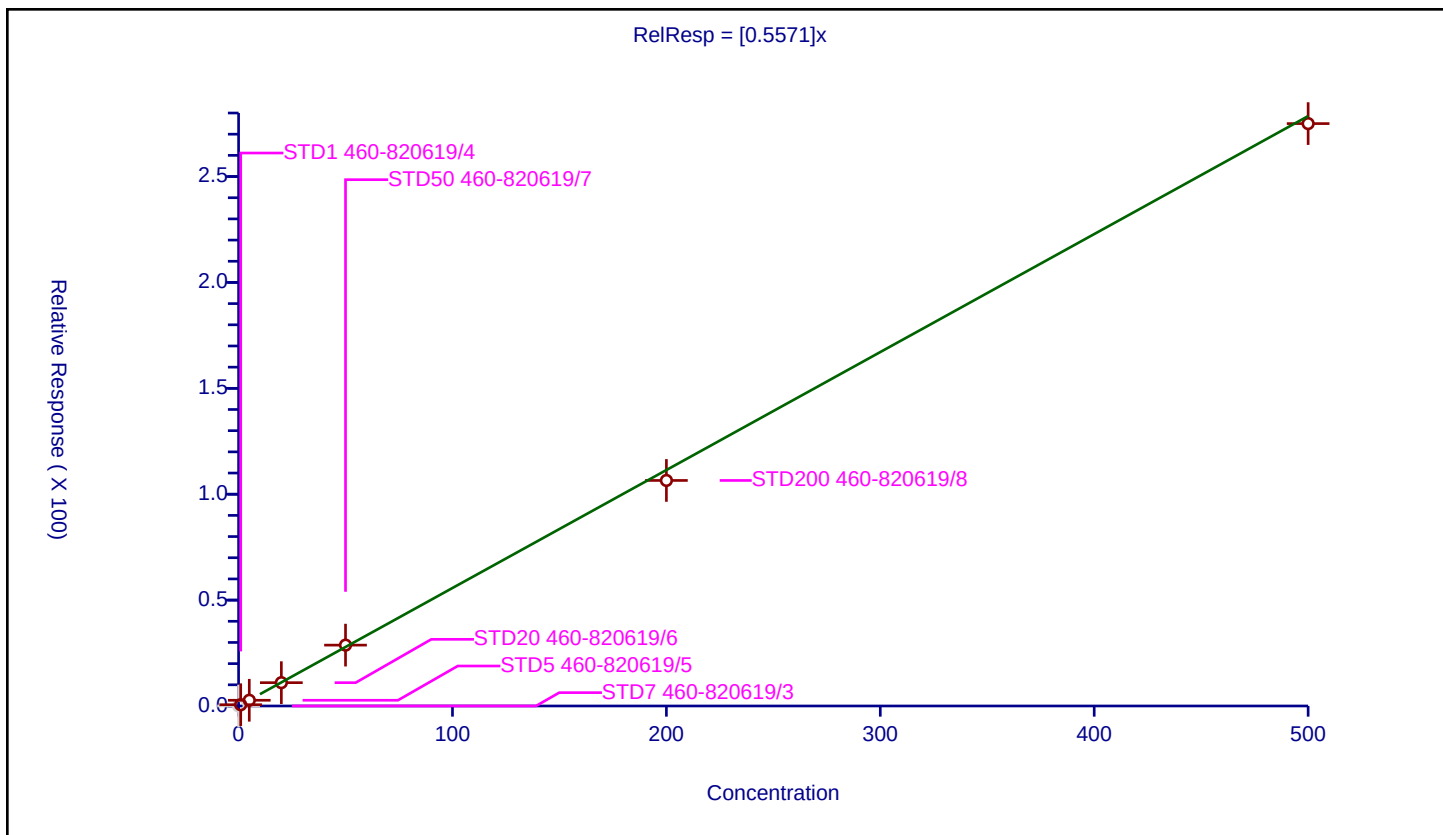
Curve Coefficients

Intercept: 0
 Slope: 0.5571

Error Coefficients

Standard Error: 1420000
 Relative Standard Error: 4.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.595221	50.0	501914.0	0.595221	Y
3	STD5 460-820619/5	5.0	2.697577	50.0	491404.0	0.539515	Y
4	STD20 460-820619/6	20.0	11.007501	50.0	531801.0	0.550375	Y
5	STD50 460-820619/7	50.0	28.740896	50.0	522729.0	0.574818	Y
6	STD200 460-820619/8	200.0	106.497353	50.0	542621.0	0.532487	Y
7	STD500 460-820619/9	500.0	275.00379	50.0	534275.0	0.550008	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

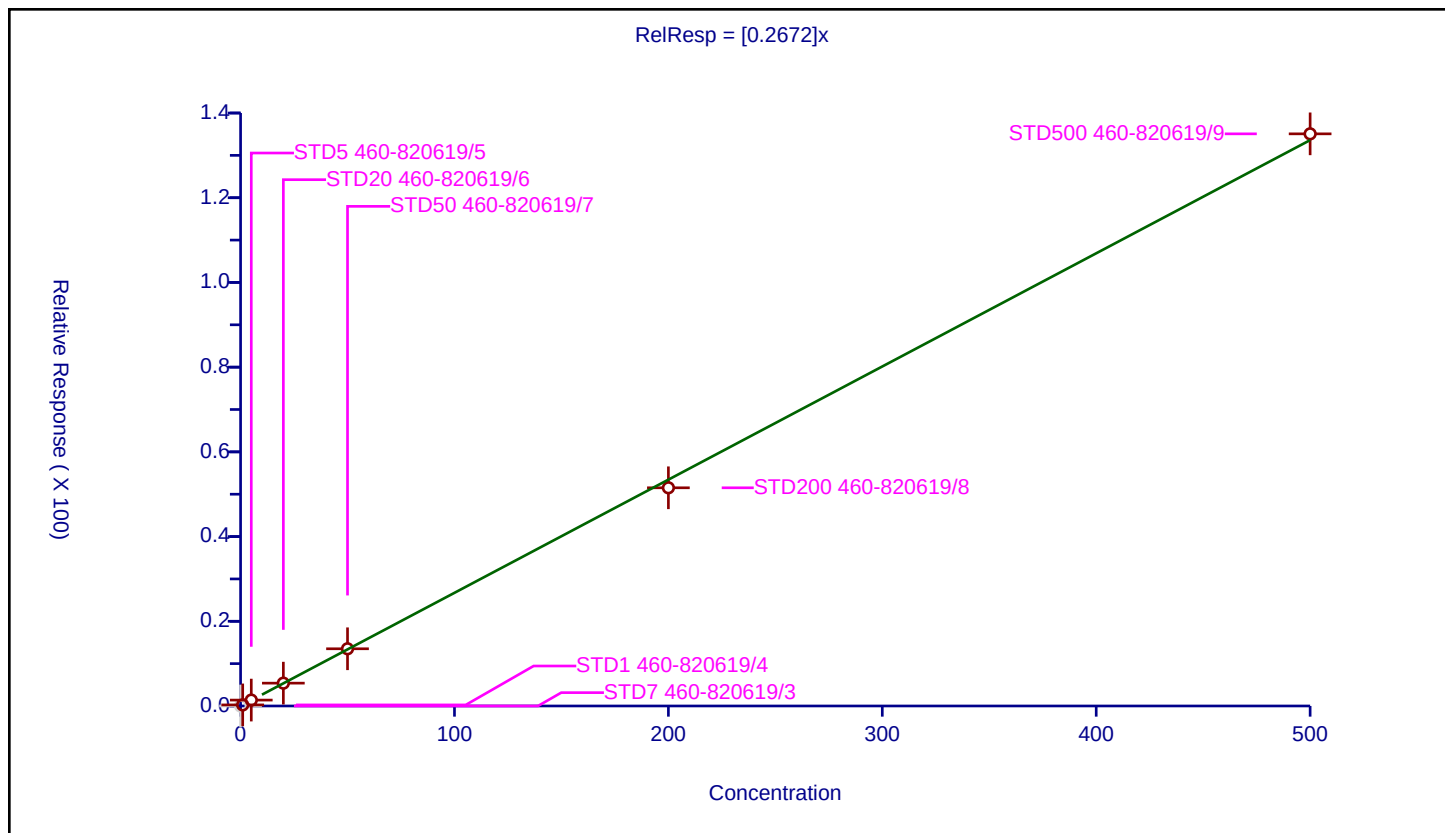
Curve Coefficients

Intercept: 0
 Slope: 0.2672

Error Coefficients

Standard Error: 696000
 Relative Standard Error: 3.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.256618	50.0	501914.0	0.256618	Y
3	STD5 460-820619/5	5.0	1.39427	50.0	491404.0	0.278854	Y
4	STD20 460-820619/6	20.0	5.395439	50.0	531801.0	0.269772	Y
5	STD50 460-820619/7	50.0	13.507094	50.0	522729.0	0.270142	Y
6	STD200 460-820619/8	200.0	51.519385	50.0	542621.0	0.257597	Y
7	STD500 460-820619/9	500.0	135.08053	50.0	534275.0	0.270161	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

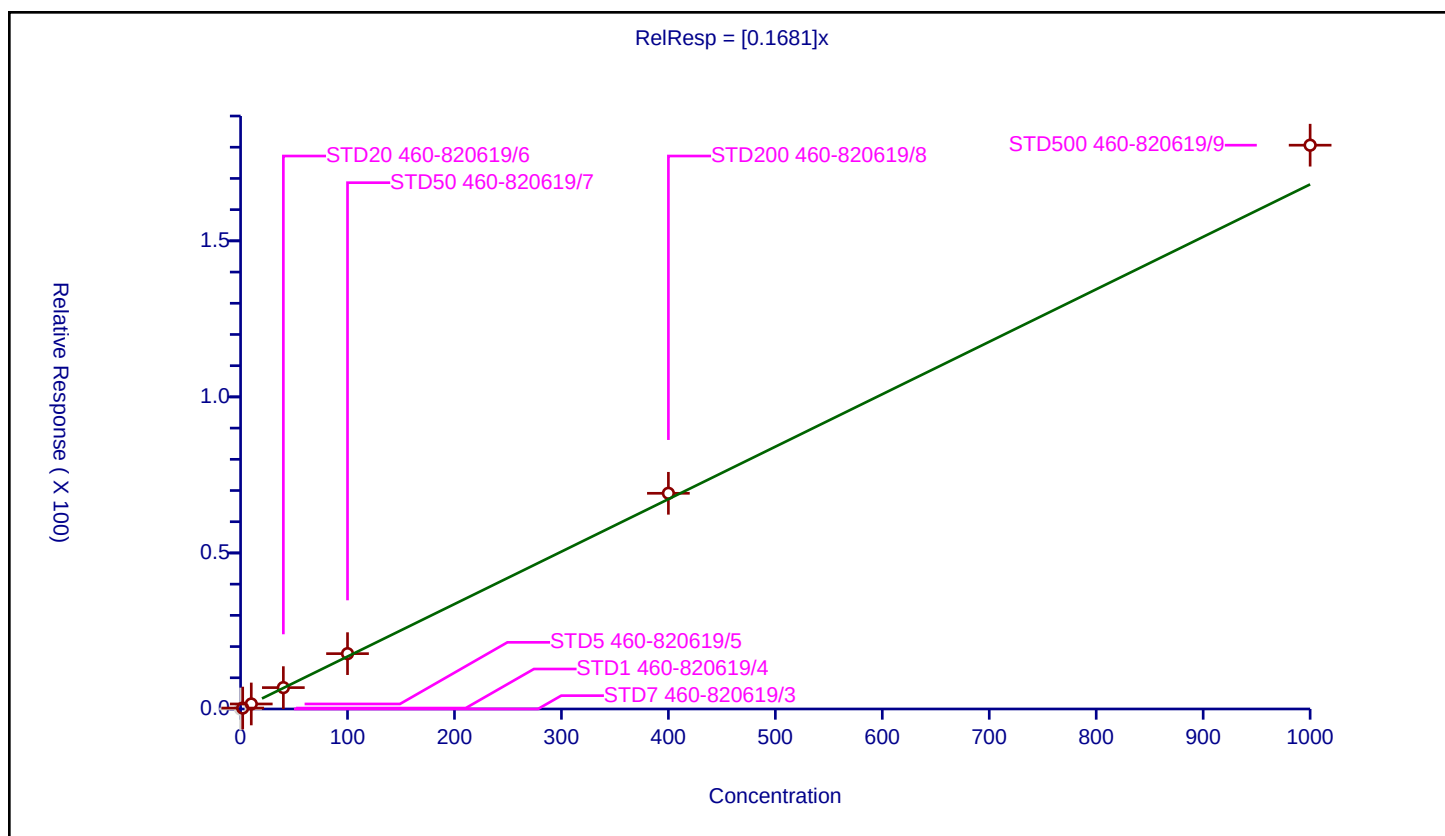
Curve Coefficients

Intercept: 0
 Slope: 0.1681

Error Coefficients

Standard Error: 930000
 Relative Standard Error: 7.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	2.0	0.291185	50.0	501914.0	0.145593	Y
3	STD5 460-820619/5	10.0	1.610284	50.0	491404.0	0.161028	Y
4	STD20 460-820619/6	40.0	6.847956	50.0	531801.0	0.171199	Y
5	STD50 460-820619/7	100.0	17.729933	50.0	522729.0	0.177299	Y
6	STD200 460-820619/8	400.0	69.113801	50.0	542621.0	0.172785	Y
7	STD500 460-820619/9	1000.0	180.652847	50.0	534275.0	0.180653	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

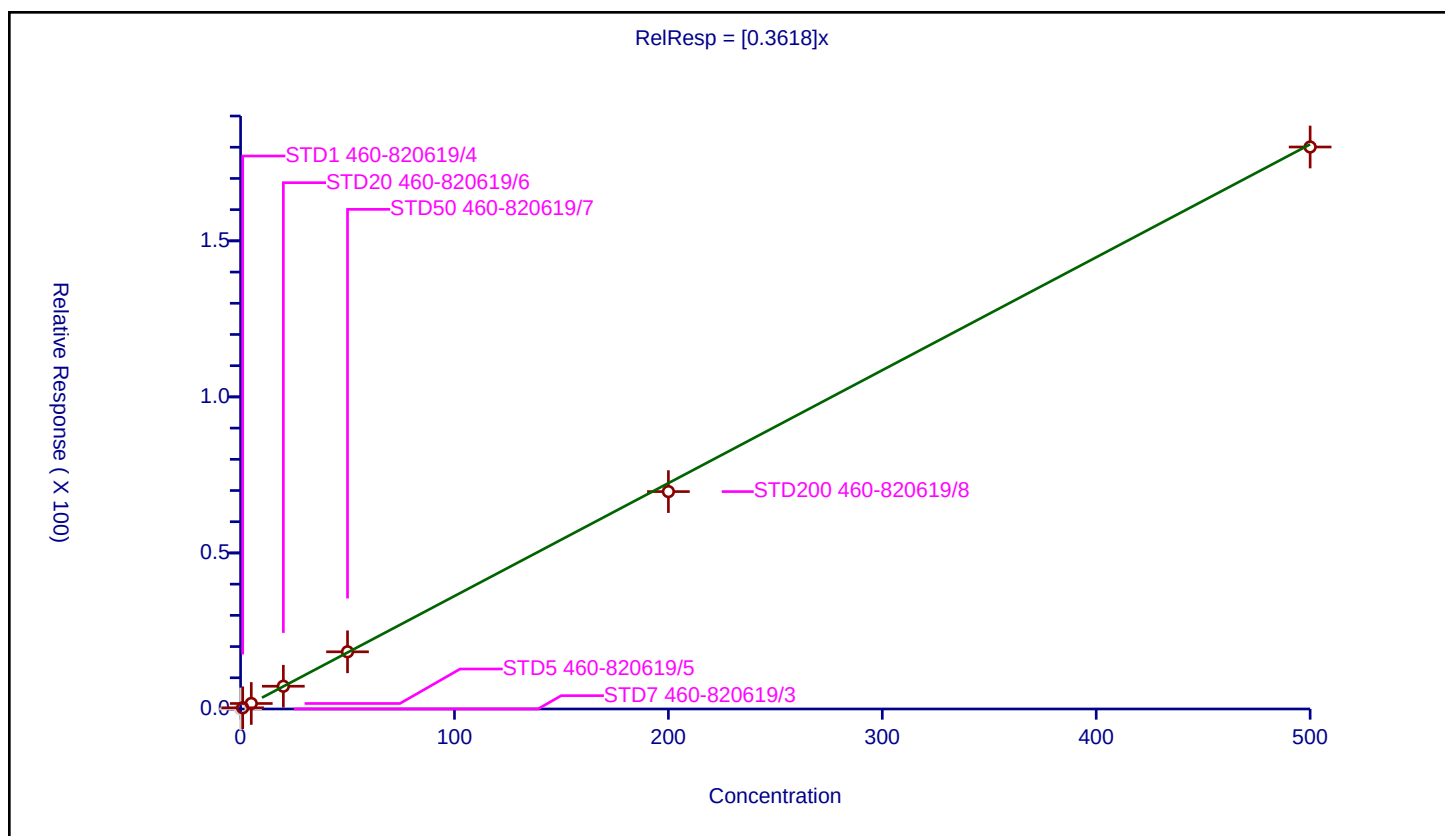
Curve Coefficients

Intercept: 0
Slope: 0.3618

Error Coefficients

Standard Error: 929000
Relative Standard Error: 2.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.377555	50.0	501914.0	0.377555	Y
3	STD5 460-820619/5	5.0	1.768402	50.0	491404.0	0.35368	Y
4	STD20 460-820619/6	20.0	7.296338	50.0	531801.0	0.364817	Y
5	STD50 460-820619/7	50.0	18.326131	50.0	522729.0	0.366523	Y
6	STD200 460-820619/8	200.0	69.655985	50.0	542621.0	0.34828	Y
7	STD500 460-820619/9	500.0	180.075336	50.0	534275.0	0.360151	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

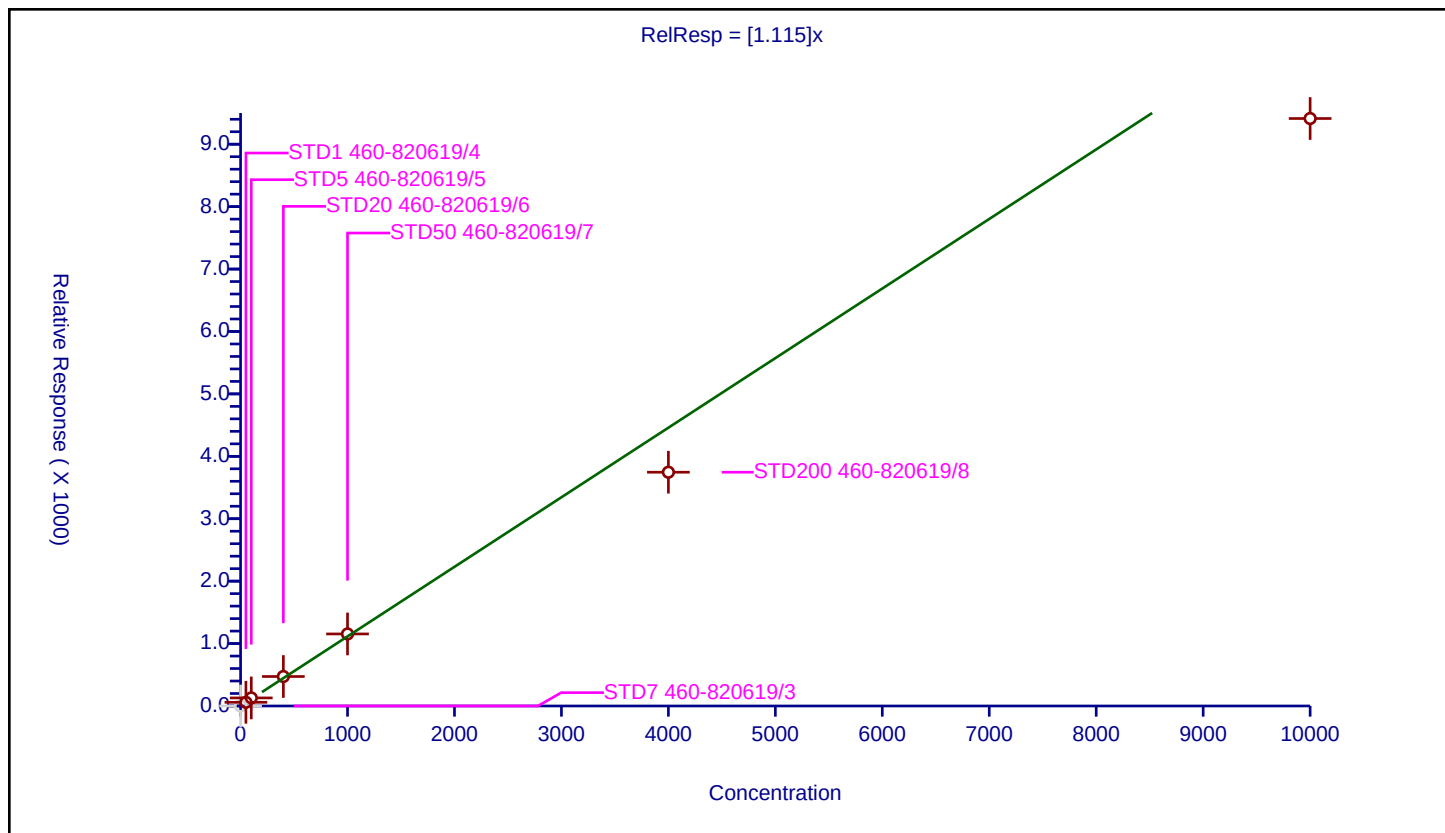
Curve Coefficients

Intercept: 0
 Slope: 1.115

Error Coefficients

Standard Error: 160000
 Relative Standard Error: 12.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	1000.0	27496.0	NaN	N
2	STD1 460-820619/4	50.000062	59.139381	1000.0	26632.0	1.182786	Y
3	STD5 460-820619/5	100.0	129.290046	1000.0	28030.0	1.2929	Y
4	STD20 460-820619/6	400.0	472.224146	1000.0	28874.0	1.18056	Y
5	STD50 460-820619/7	1000.0	1153.963985	1000.0	29377.0	1.153964	Y
6	STD200 460-820619/8	4000.0	3745.464648	1000.0	35995.0	0.936366	Y
7	STD500 460-820619/9	10000.0	9412.014329	1000.0	36290.0	0.941201	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

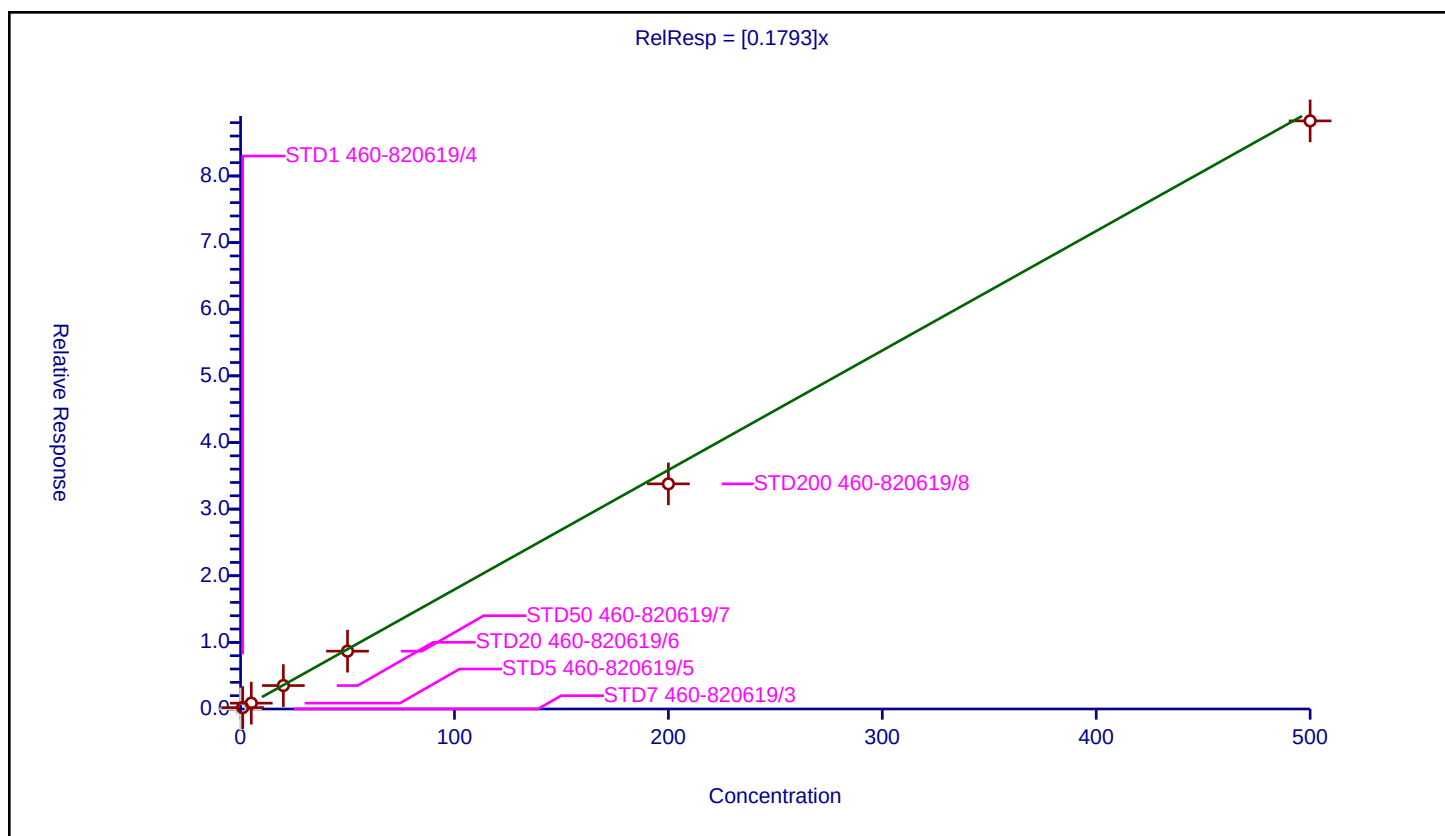
Curve Coefficients

Intercept: 0
Slope: 0.1793

Error Coefficients

Standard Error: 455000
Relative Standard Error: 7.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.206211	50.0	501914.0	0.206211	Y
3	STD5 460-820619/5	5.0	0.875146	50.0	491404.0	0.175029	Y
4	STD20 460-820619/6	20.0	3.515225	50.0	531801.0	0.175761	Y
5	STD50 460-820619/7	50.0	8.680119	50.0	522729.0	0.173602	Y
6	STD200 460-820619/8	200.0	33.790989	50.0	542621.0	0.168955	Y
7	STD500 460-820619/9	500.0	88.265781	50.0	534275.0	0.176532	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

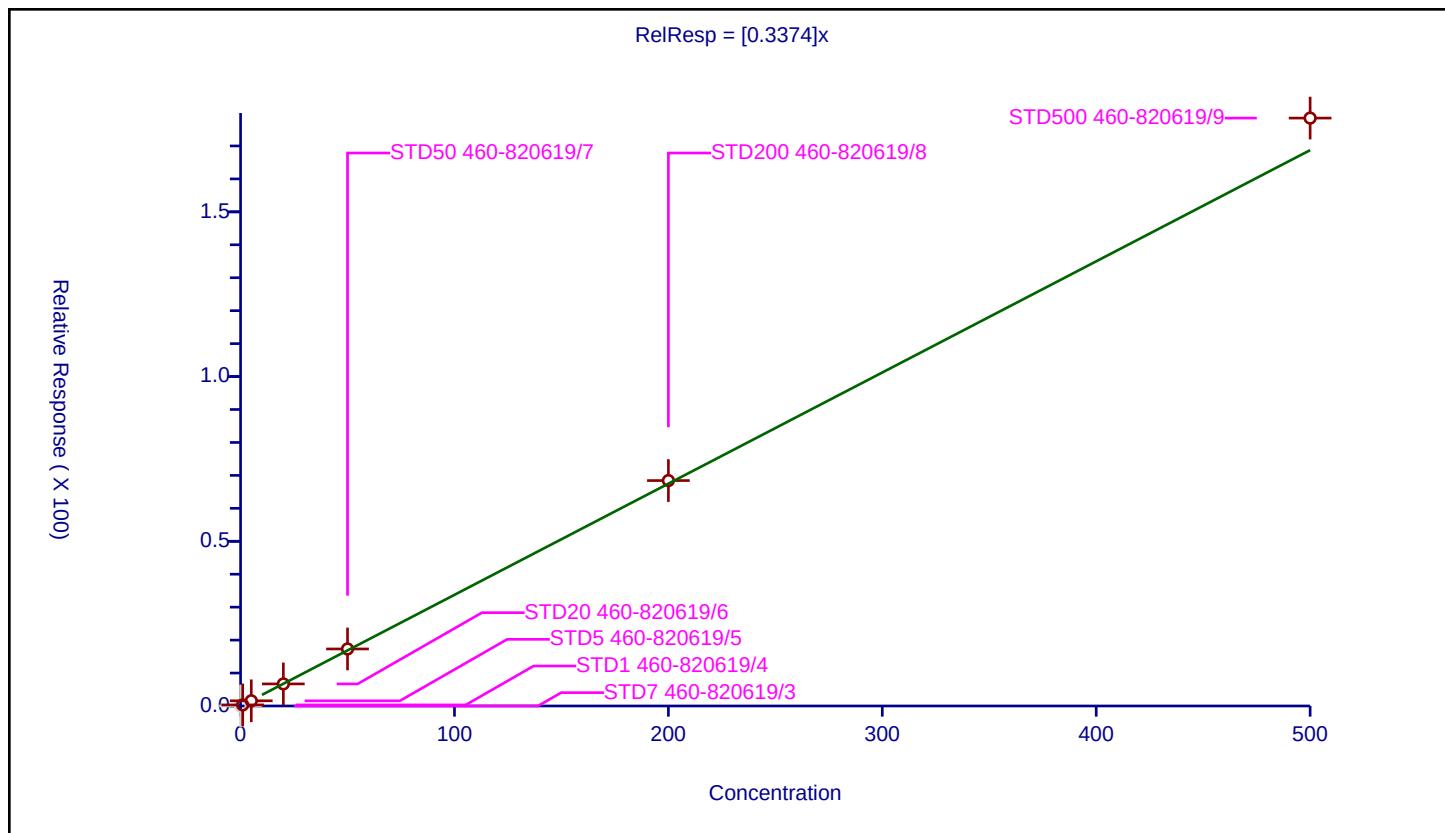
Curve Coefficients

Intercept: 0
 Slope: 0.3374

Error Coefficients

Standard Error: 919000
 Relative Standard Error: 4.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.330335	50.0	501914.0	0.330335	Y
3	STD5 460-820619/5	5.0	1.571314	50.0	491404.0	0.314263	Y
4	STD20 460-820619/6	20.0	6.694421	50.0	531801.0	0.334721	Y
5	STD50 460-820619/7	50.0	17.312125	50.0	522729.0	0.346243	Y
6	STD200 460-820619/8	200.0	68.427319	50.0	542621.0	0.342137	Y
7	STD500 460-820619/9	500.0	178.463525	50.0	534275.0	0.356927	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

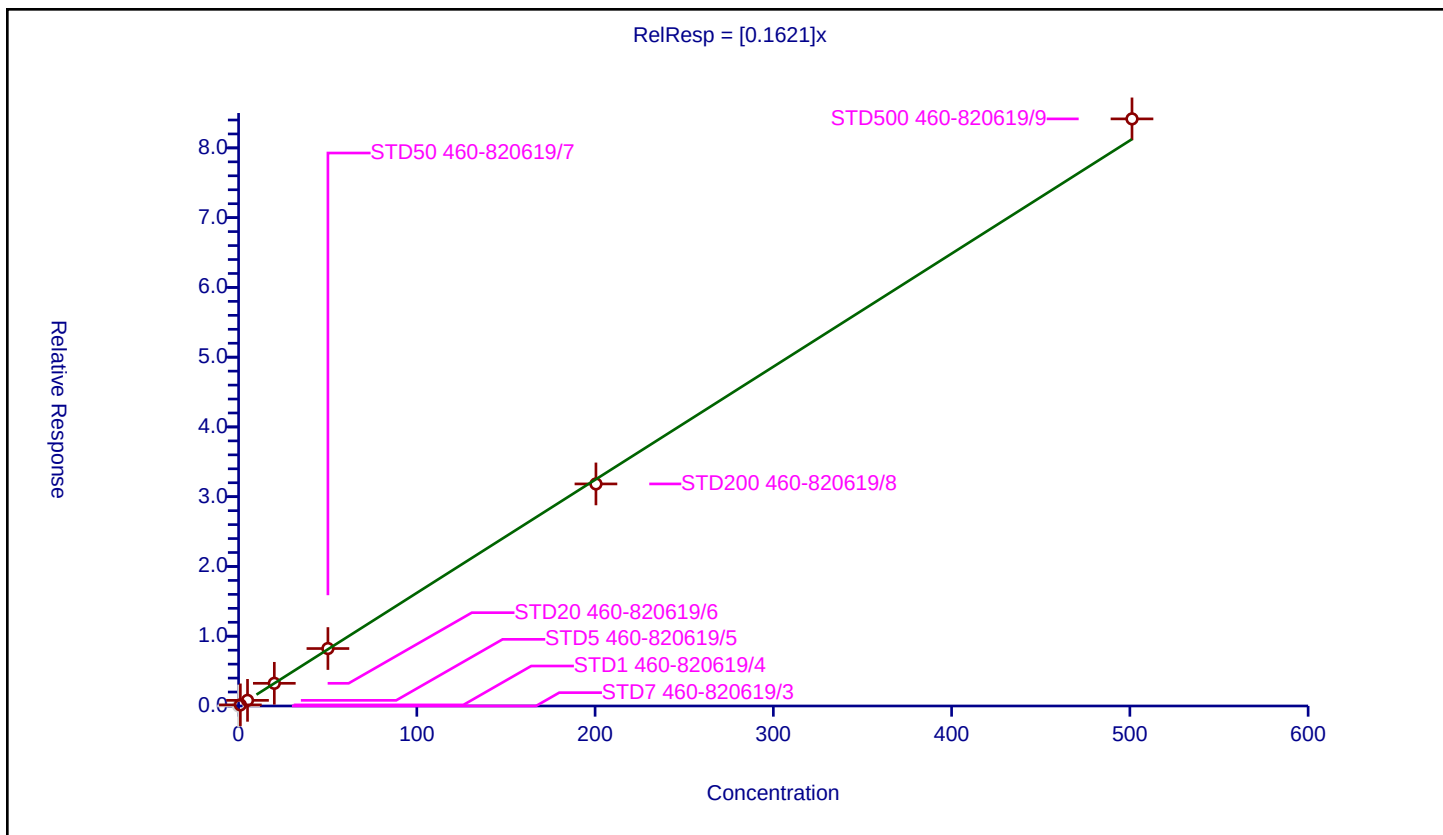
Curve Coefficients

Intercept: 0
 Slope: 0.1621

Error Coefficients

Standard Error: 433000
 Relative Standard Error: 2.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0024	0.158792	50.0	501914.0	0.158412	Y
3	STD5 460-820619/5	5.012	0.807584	50.0	491404.0	0.16113	Y
4	STD20 460-820619/6	20.048	3.249524	50.0	531801.0	0.162087	Y
5	STD50 460-820619/7	50.12	8.236295	50.0	522729.0	0.164331	Y
6	STD200 460-820619/8	200.48	31.833914	50.0	542621.0	0.158788	Y
7	STD500 460-820619/9	501.2	84.15769	50.0	534275.0	0.167912	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

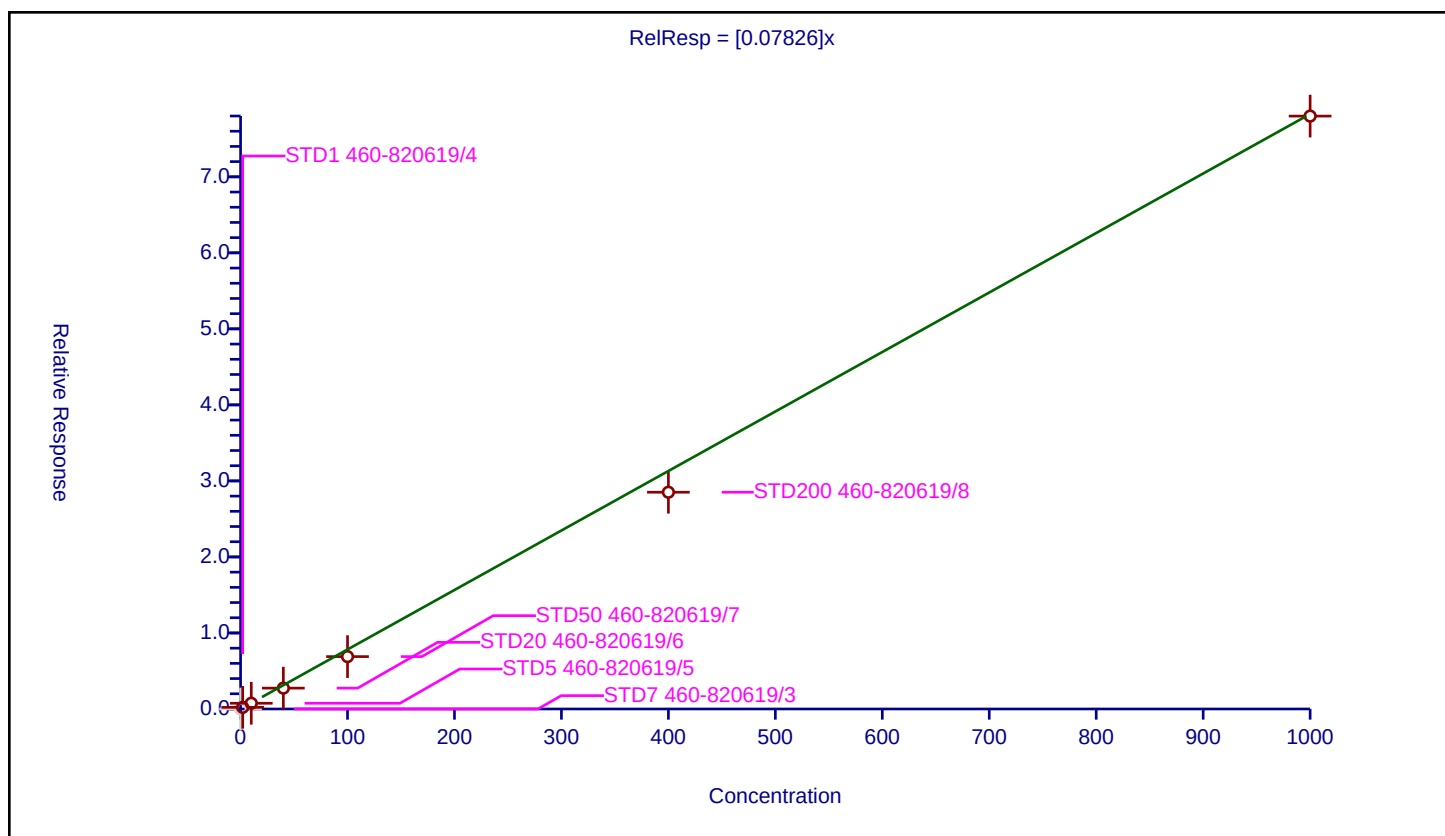
Curve Coefficients

Intercept: 0
Slope: 0.07826

Error Coefficients

Standard Error: 399000
Relative Standard Error: 18.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	2.0	0.215176	50.0	501914.0	0.107588	Y
3	STD5 460-820619/5	10.0	0.751927	50.0	491404.0	0.075193	Y
4	STD20 460-820619/6	40.0	2.744354	50.0	531801.0	0.068609	Y
5	STD50 460-820619/7	100.0	6.890664	50.0	522729.0	0.068907	Y
6	STD200 460-820619/8	400.0	28.513732	50.0	542621.0	0.071284	Y
7	STD500 460-820619/9	1000.0	77.989893	50.0	534275.0	0.07799	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

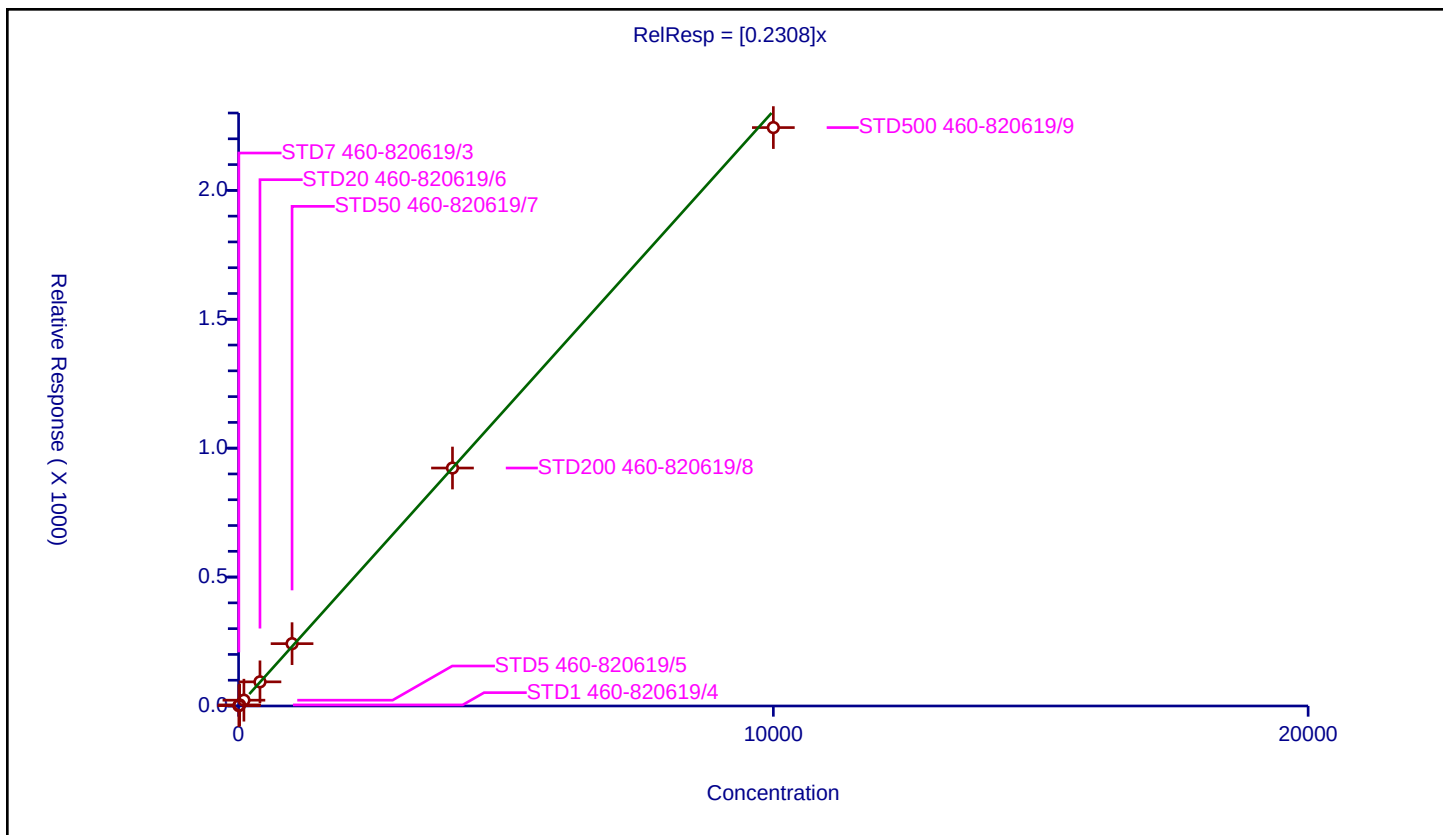
Curve Coefficients

Intercept: 0
Slope: 0.2308

Error Coefficients

Standard Error: 1180000
Relative Standard Error: 5.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	5.000009	1.247364	250.0	276984.0	0.249472	Y
2	STD1 460-820619/4	20.000035	4.197957	250.0	271918.0	0.209897	Y
3	STD5 460-820619/5	100.000173	22.521917	250.0	267717.0	0.225219	Y
4	STD20 460-820619/6	400.000692	93.608403	250.0	277857.0	0.234021	Y
5	STD50 460-820619/7	1000.00173	241.749613	250.0	273169.0	0.241749	Y
6	STD200 460-820619/8	4000.00692	922.999034	250.0	281714.0	0.230749	Y
7	STD500 460-820619/9	10000.0173	2243.486401	250.0	298299.0	0.224348	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

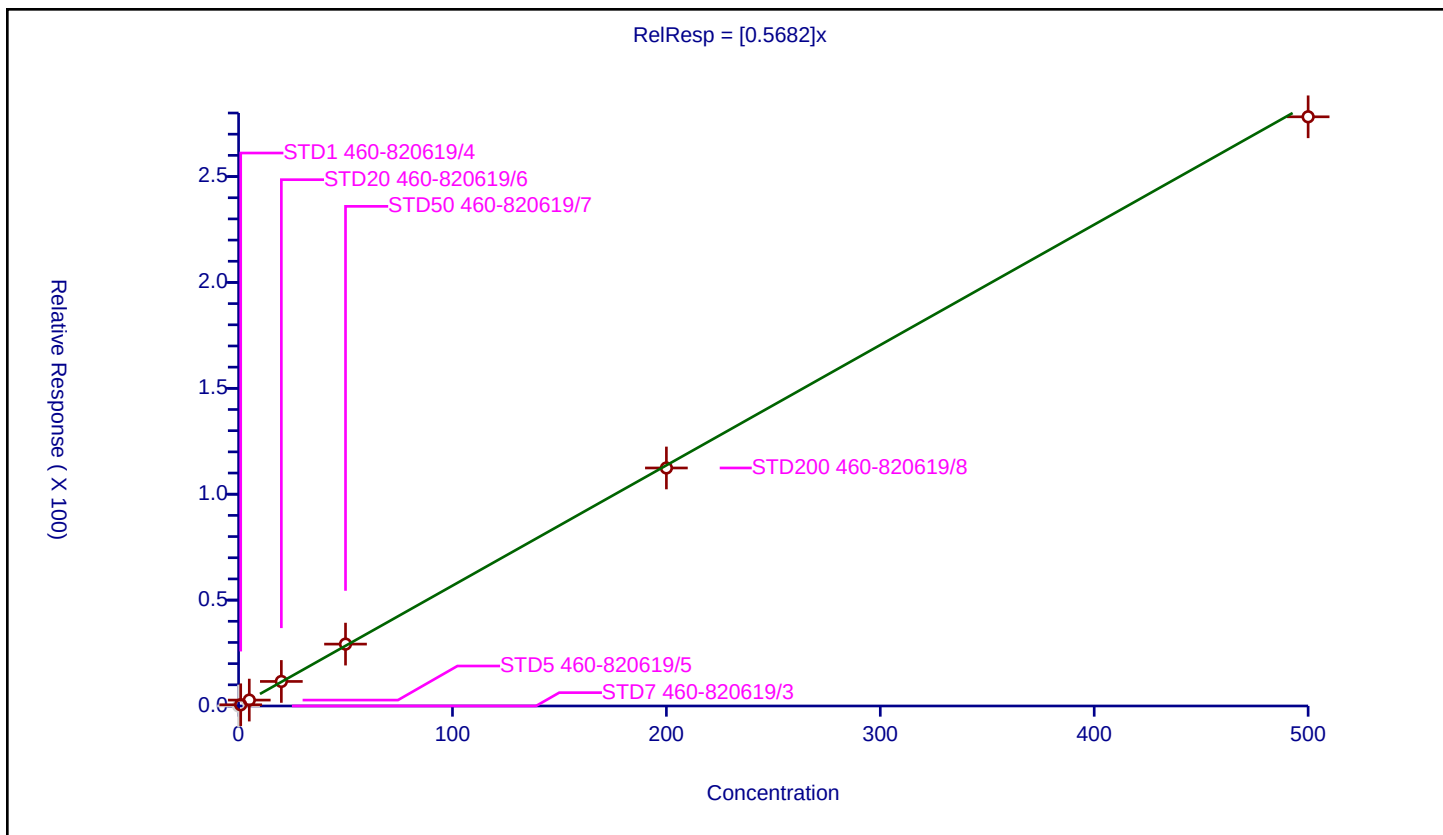
Curve Coefficients

Intercept: 0
 Slope: 0.5682

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 2.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.569384	50.0	358106.0	0.569384	Y
3	STD5 460-820619/5	5.0	2.78675	50.0	351072.0	0.55735	Y
4	STD20 460-820619/6	20.0	11.594853	50.0	385835.0	0.579743	Y
5	STD50 460-820619/7	50.0	29.224012	50.0	383279.0	0.58448	Y
6	STD200 460-820619/8	200.0	112.388265	50.0	408669.0	0.561941	Y
7	STD500 460-820619/9	500.0	278.216627	50.0	417417.0	0.556433	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

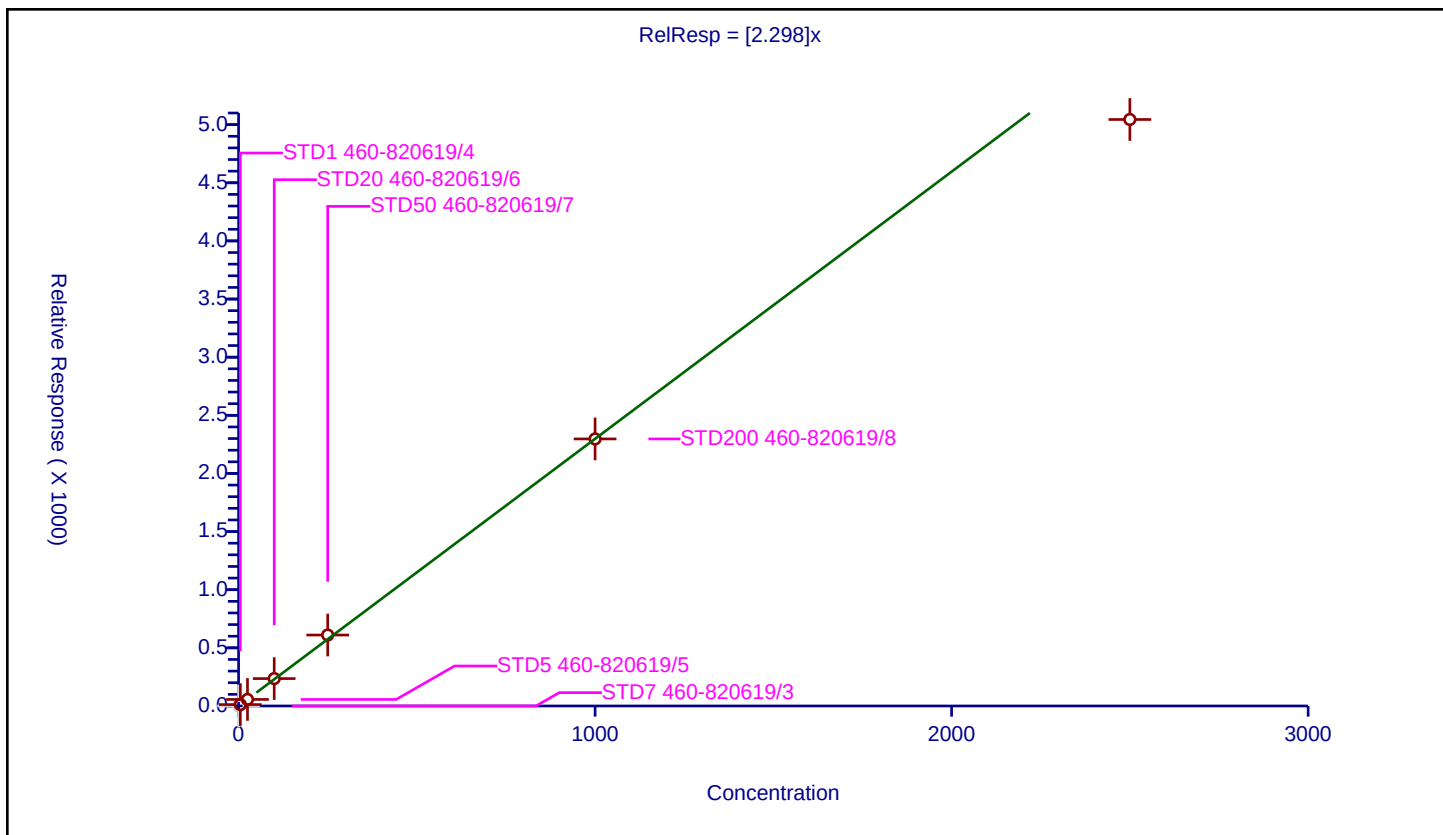
Curve Coefficients

Intercept: 0
 Slope: 2.298

Error Coefficients

Standard Error: 2940000
 Relative Standard Error: 6.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	250.0	276984.0	NaN	N
2	STD1 460-820619/4	5.0	12.099236	250.0	271918.0	2.419847	Y
3	STD5 460-820619/5	25.0	56.36549	250.0	267717.0	2.25462	Y
4	STD20 460-820619/6	100.0	235.661689	250.0	277857.0	2.356617	Y
5	STD50 460-820619/7	250.0	610.208333	250.0	273169.0	2.440833	Y
6	STD200 460-820619/8	1000.0	2296.743328	250.0	281714.0	2.296743	Y
7	STD500 460-820619/9	2500.0	5044.28694	250.0	298299.0	2.017715	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

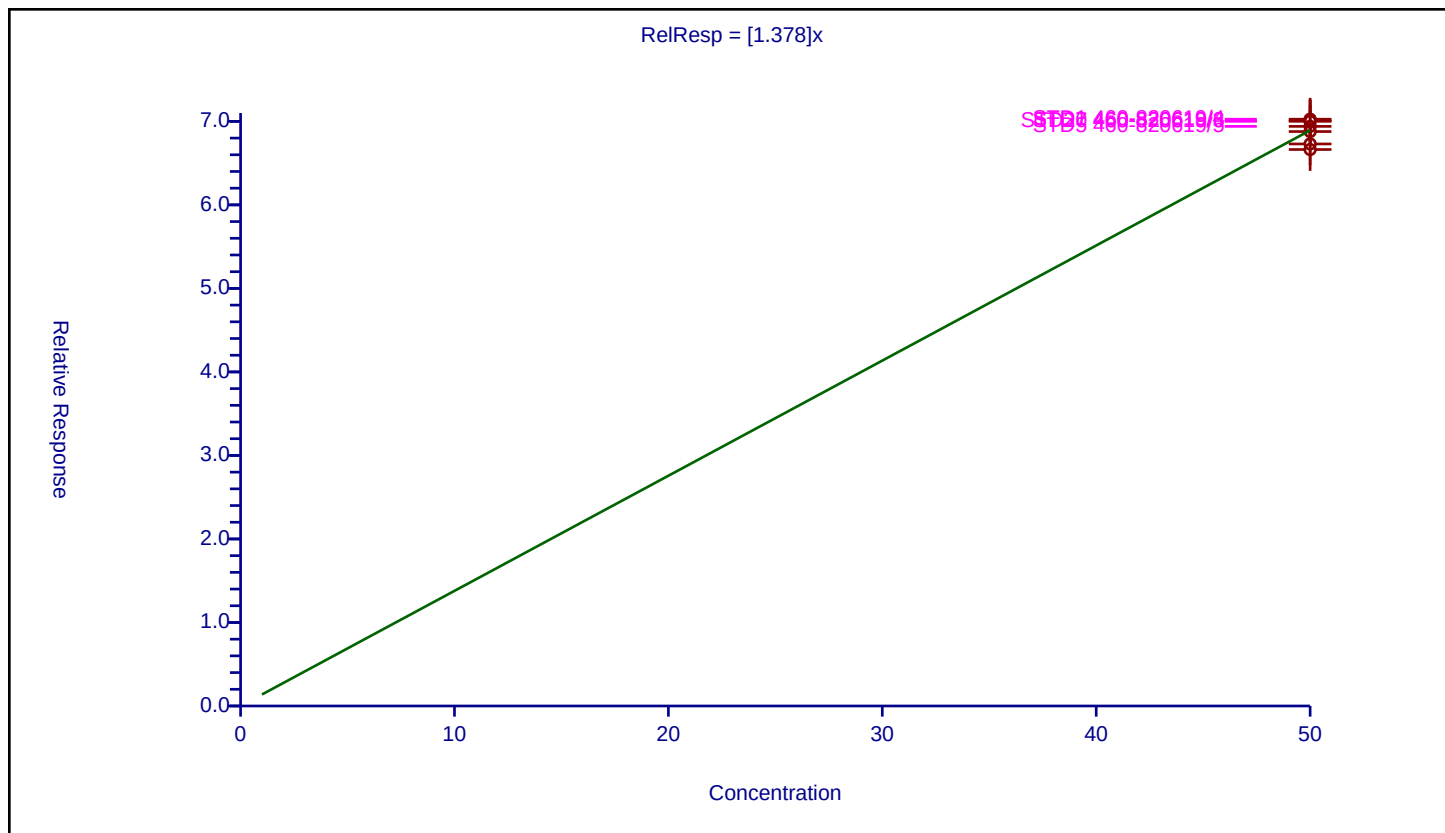
Curve Coefficients

Intercept: 0
 Slope: 1.378

Error Coefficients

Standard Error: 566000
 Relative Standard Error: 2.1
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	50.0	70.070543	50.0	357514.0	1.401411	Y
2	STD1 460-820619/4	50.0	70.260621	50.0	358106.0	1.405212	Y
3	STD5 460-820619/5	50.0	69.400152	50.0	351072.0	1.388003	Y
4	STD20 460-820619/6	50.0	70.014255	50.0	385835.0	1.400285	Y
5	STD50 460-820619/7	50.0	68.78188	50.0	383279.0	1.375638	Y
6	STD200 460-820619/8	50.0	67.297495	50.0	408669.0	1.34595	Y
7	STD500 460-820619/9	50.0	66.629054	50.0	417417.0	1.332581	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

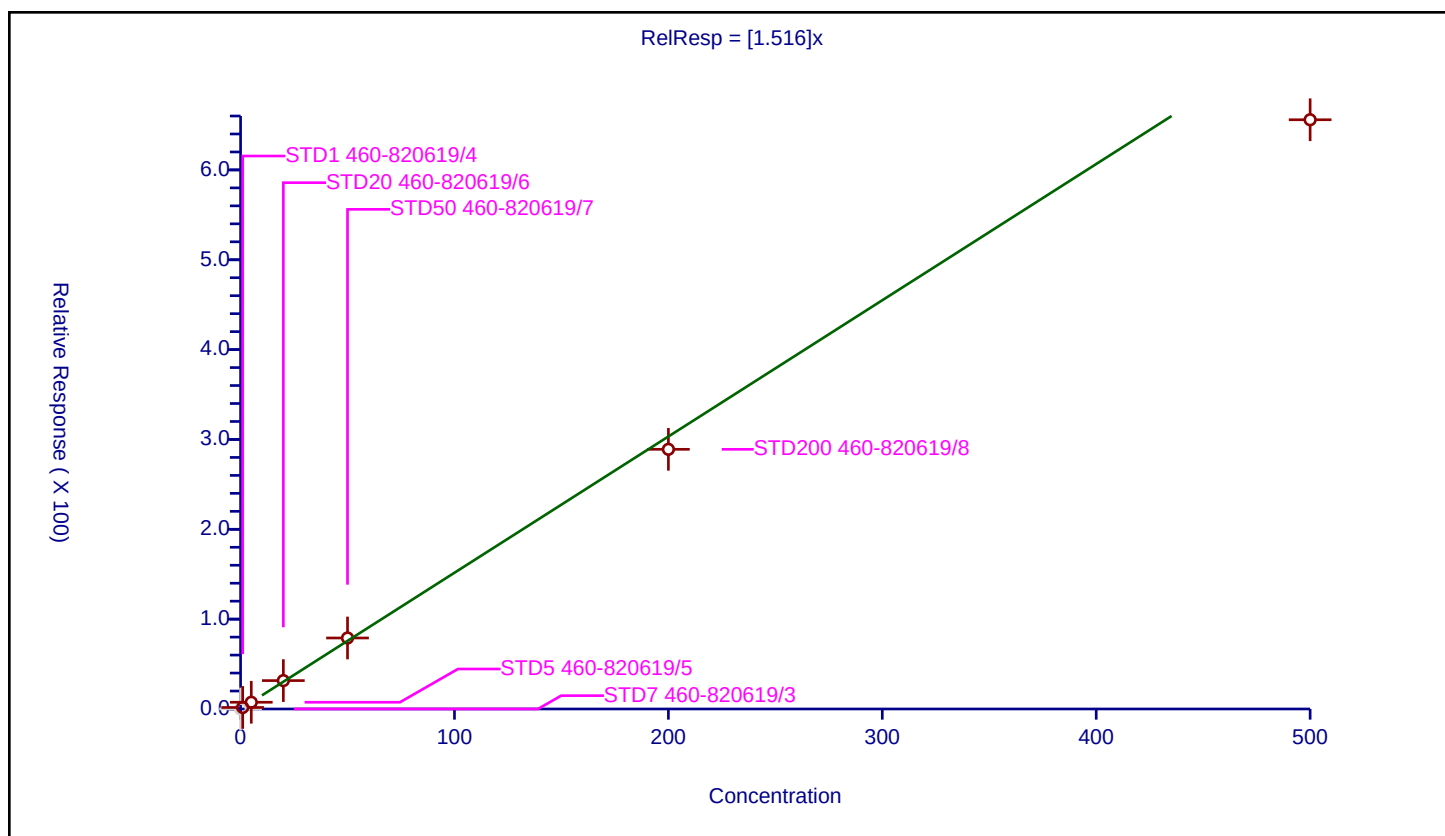
Curve Coefficients

Intercept: 0
 Slope: 1.516

Error Coefficients

Standard Error: 2680000
 Relative Standard Error: 8.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	1.680648	50.0	358106.0	1.680648	Y
3	STD5 460-820619/5	5.0	7.503731	50.0	351072.0	1.500746	Y
4	STD20 460-820619/6	20.0	31.596019	50.0	385835.0	1.579801	Y
5	STD50 460-820619/7	50.0	79.021287	50.0	383279.0	1.580426	Y
6	STD200 460-820619/8	200.0	289.03171	50.0	408669.0	1.445159	Y
7	STD500 460-820619/9	500.0	655.833016	50.0	417417.0	1.311666	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

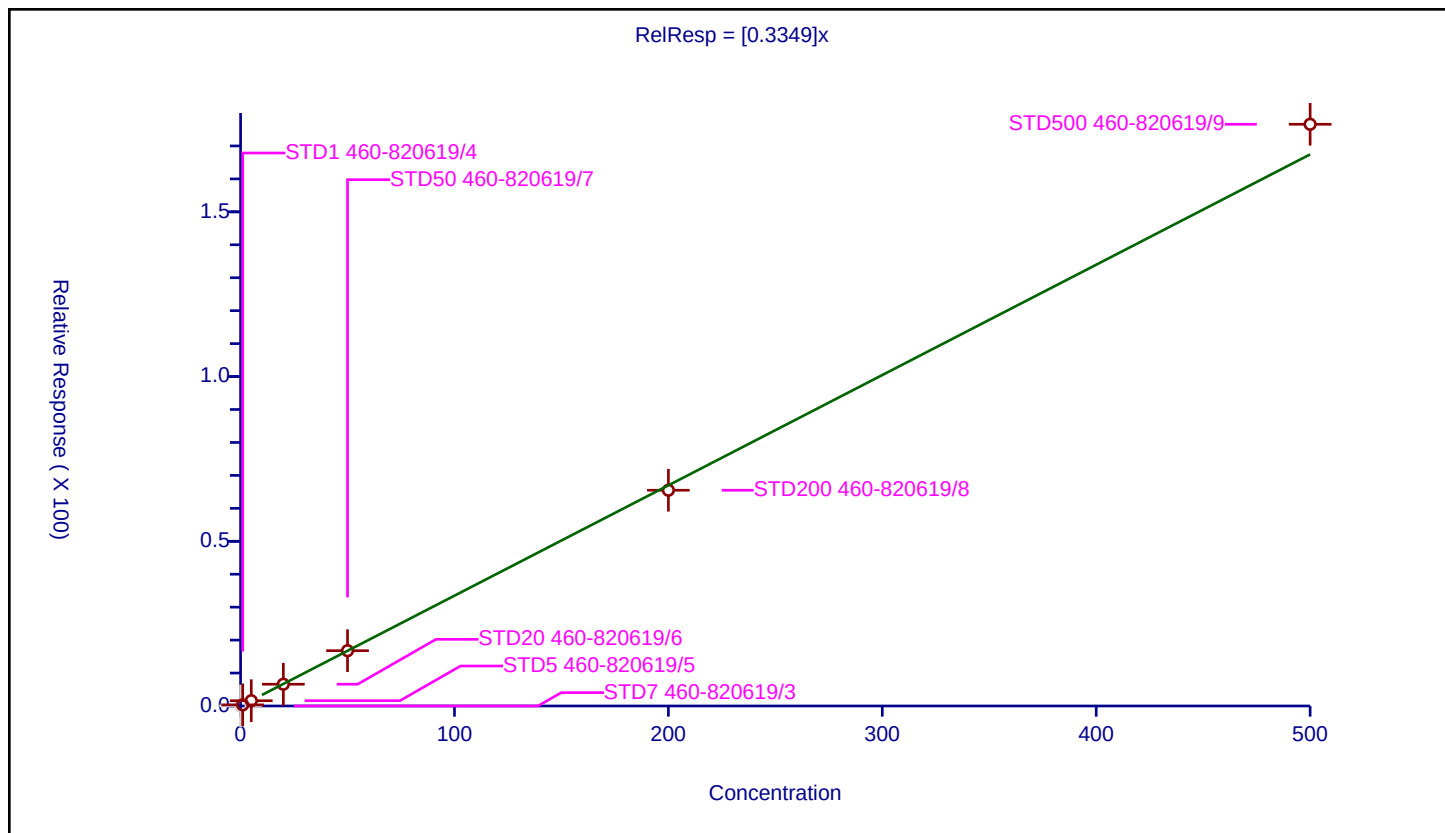
Curve Coefficients

Intercept: 0
Slope: 0.3349

Error Coefficients

Standard Error: 906000
Relative Standard Error: 3.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	507731.0	NaN	N
2	STD1 460-820619/4	1.0	0.343386	50.0	501914.0	0.343386	Y
3	STD5 460-820619/5	5.0	1.59553	50.0	491404.0	0.319106	Y
4	STD20 460-820619/6	20.0	6.608205	50.0	531801.0	0.33041	Y
5	STD50 460-820619/7	50.0	16.785371	50.0	522729.0	0.335707	Y
6	STD200 460-820619/8	200.0	65.491383	50.0	542621.0	0.327457	Y
7	STD500 460-820619/9	500.0	176.58425	50.0	534275.0	0.353168	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

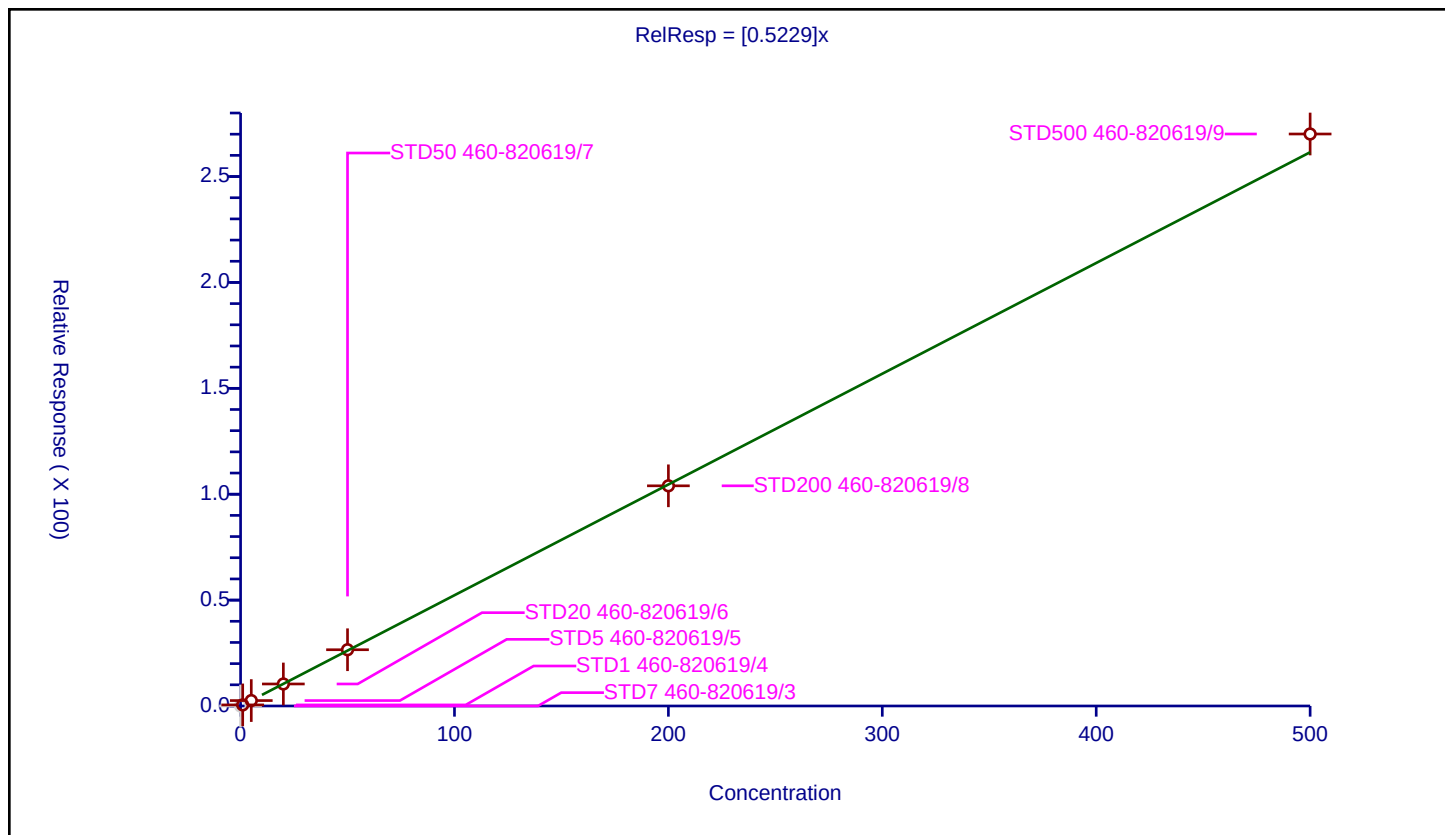
Curve Coefficients

Intercept: 0
 Slope: 0.5229

Error Coefficients

Standard Error: 1080000
 Relative Standard Error: 2.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.513954	50.0	358106.0	0.513954	Y
3	STD5 460-820619/5	5.0	2.562722	50.0	351072.0	0.512544	Y
4	STD20 460-820619/6	20.0	10.399912	50.0	385835.0	0.519996	Y
5	STD50 460-820619/7	50.0	26.559634	50.0	383279.0	0.531193	Y
6	STD200 460-820619/8	200.0	103.961397	50.0	408669.0	0.519807	Y
7	STD500 460-820619/9	500.0	270.095133	50.0	417417.0	0.54019	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

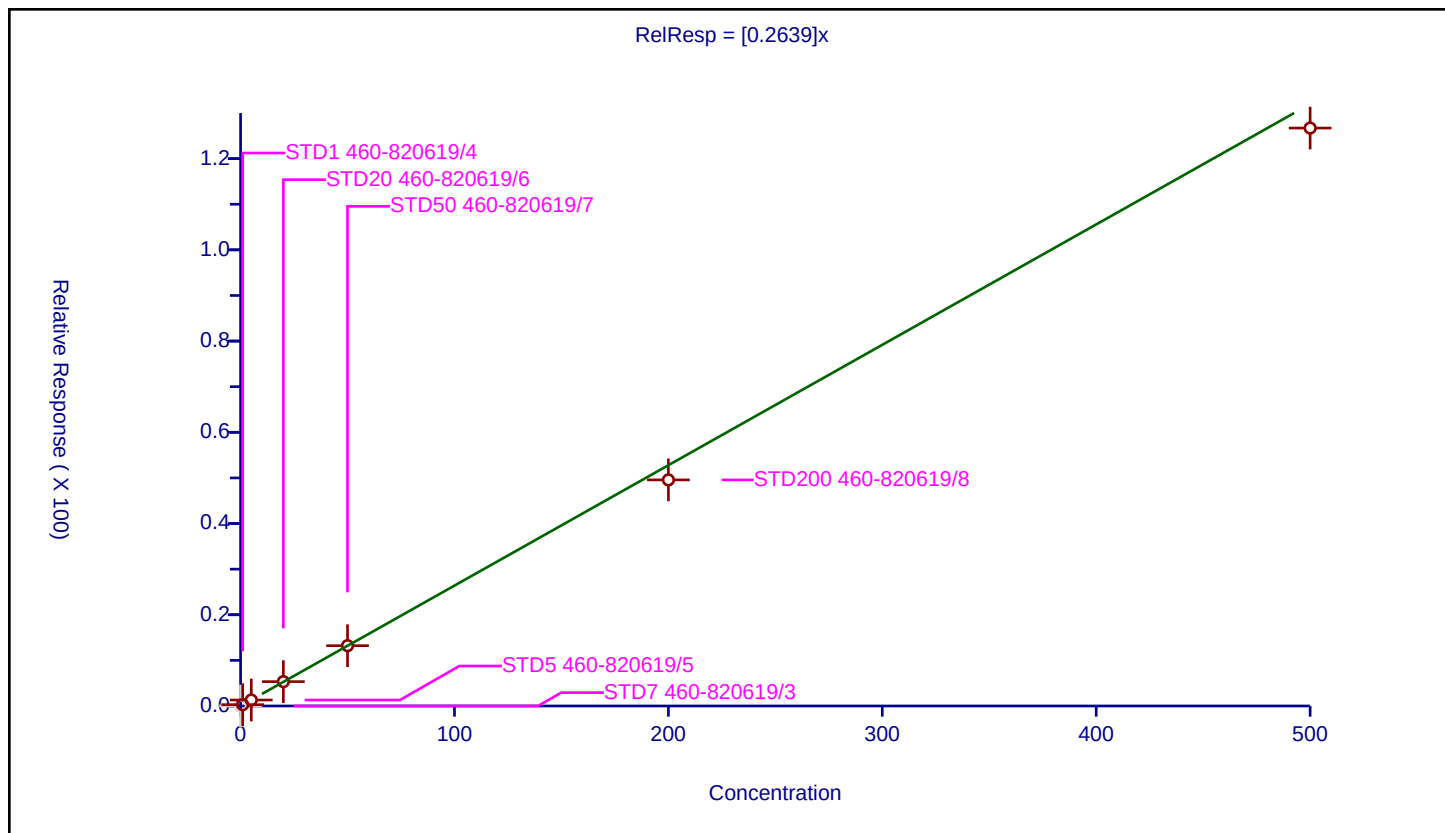
Curve Coefficients

Intercept: 0
Slope: 0.2639

Error Coefficients

Standard Error: 509000
Relative Standard Error: 5.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.289998	50.0	358106.0	0.289998	Y
3	STD5 460-820619/5	5.0	1.303864	50.0	351072.0	0.260773	Y
4	STD20 460-820619/6	20.0	5.342569	50.0	385835.0	0.267128	Y
5	STD50 460-820619/7	50.0	13.224048	50.0	383279.0	0.264481	Y
6	STD200 460-820619/8	200.0	49.567376	50.0	408669.0	0.247837	Y
7	STD500 460-820619/9	500.0	126.700158	50.0	417417.0	0.2534	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

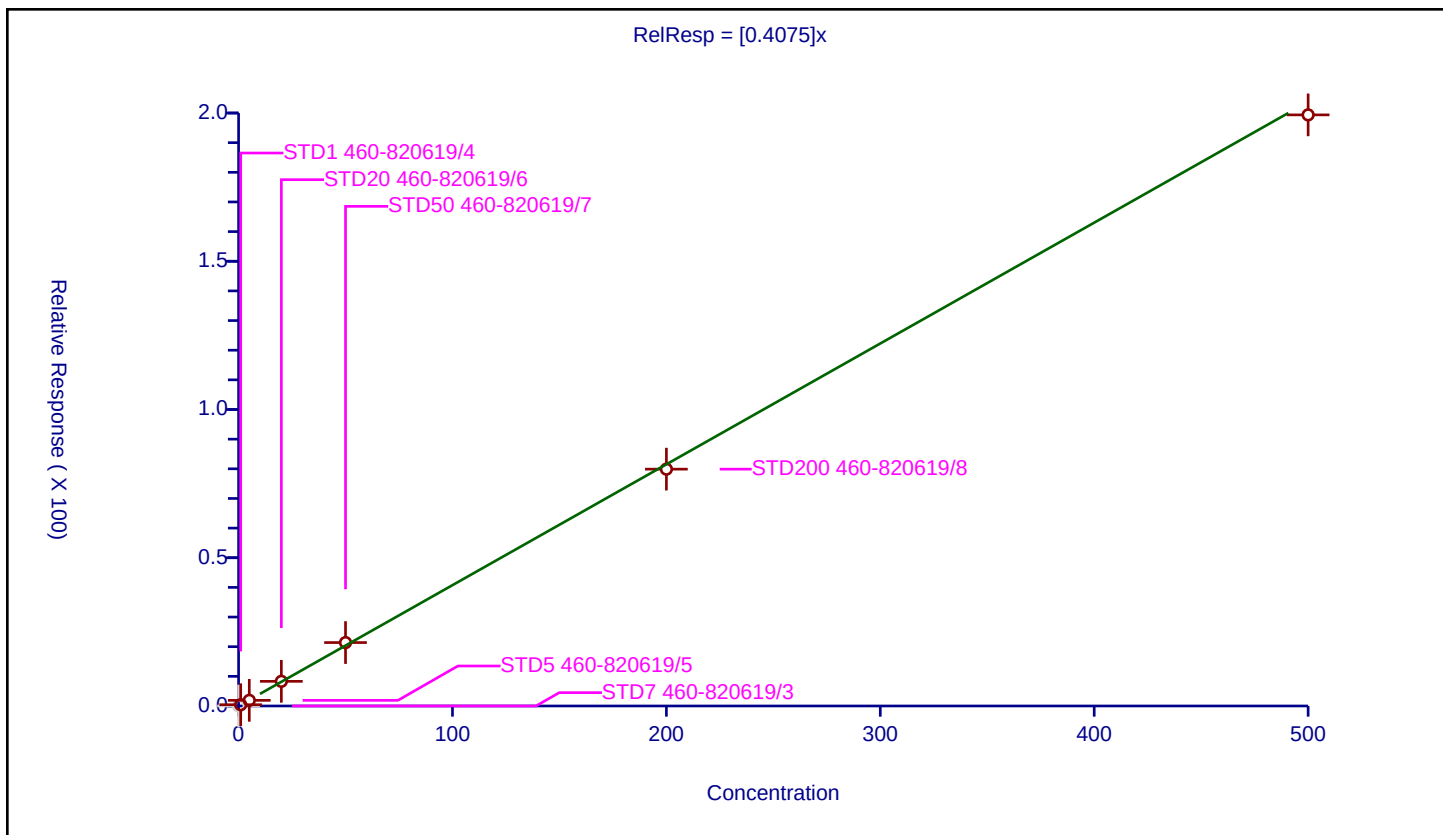
Curve Coefficients

Intercept: 0
 Slope: 0.4075

Error Coefficients

Standard Error: 803000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.422919	50.0	358106.0	0.422919	Y
3	STD5 460-820619/5	5.0	1.902886	50.0	351072.0	0.380577	Y
4	STD20 460-820619/6	20.0	8.316768	50.0	385835.0	0.415838	Y
5	STD50 460-820619/7	50.0	21.388988	50.0	383279.0	0.42778	Y
6	STD200 460-820619/8	200.0	79.881151	50.0	408669.0	0.399406	Y
7	STD500 460-820619/9	500.0	199.373049	50.0	417417.0	0.398746	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

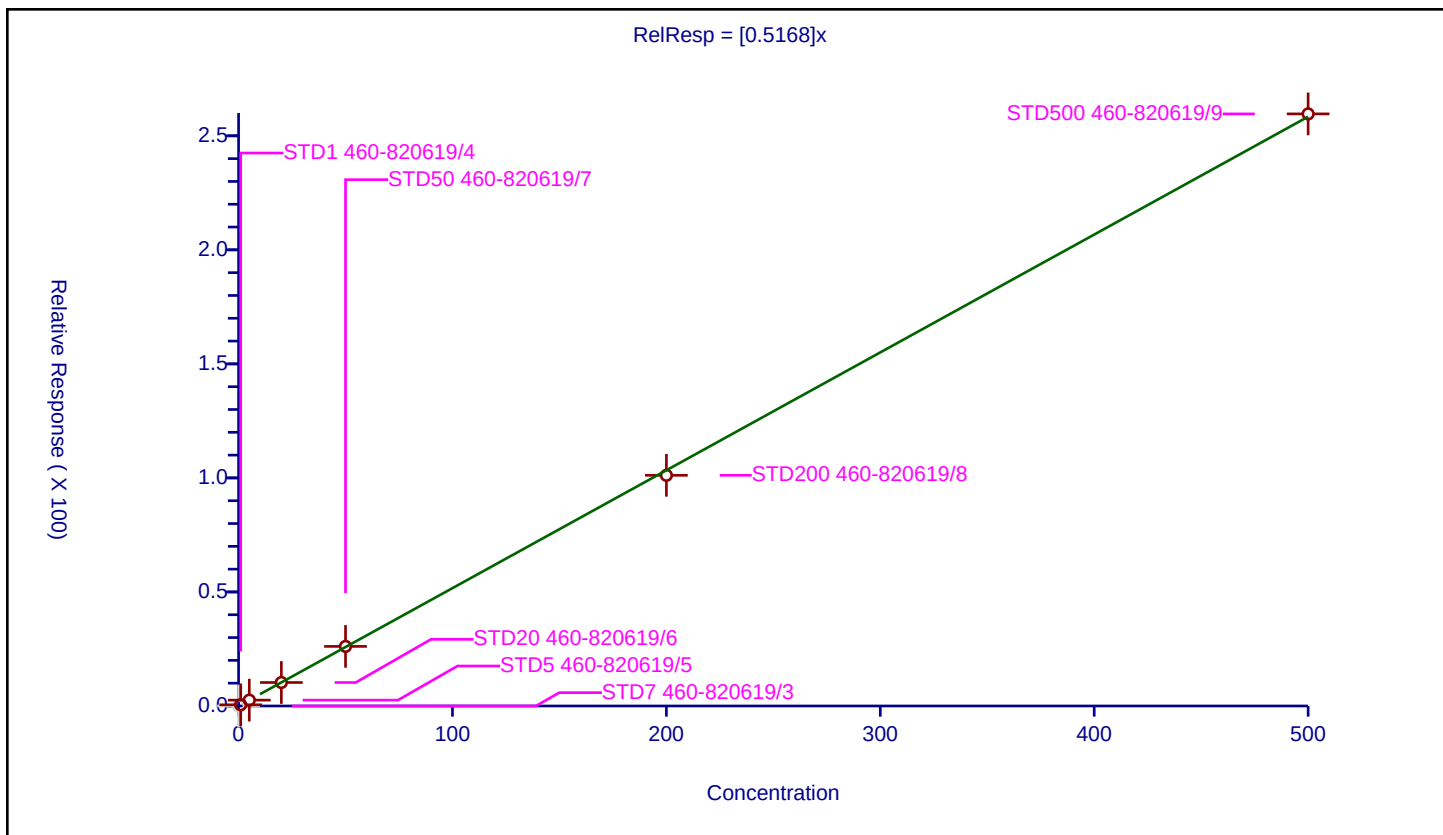
Curve Coefficients

Intercept: 0
 Slope: 0.5168

Error Coefficients

Standard Error: 1040000
 Relative Standard Error: 1.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.524705	50.0	358106.0	0.524705	Y
3	STD5 460-820619/5	5.0	2.568704	50.0	351072.0	0.513741	Y
4	STD20 460-820619/6	20.0	10.296241	50.0	385835.0	0.514812	Y
5	STD50 460-820619/7	50.0	26.123398	50.0	383279.0	0.522468	Y
6	STD200 460-820619/8	200.0	101.142734	50.0	408669.0	0.505714	Y
7	STD500 460-820619/9	500.0	259.61257	50.0	417417.0	0.519225	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

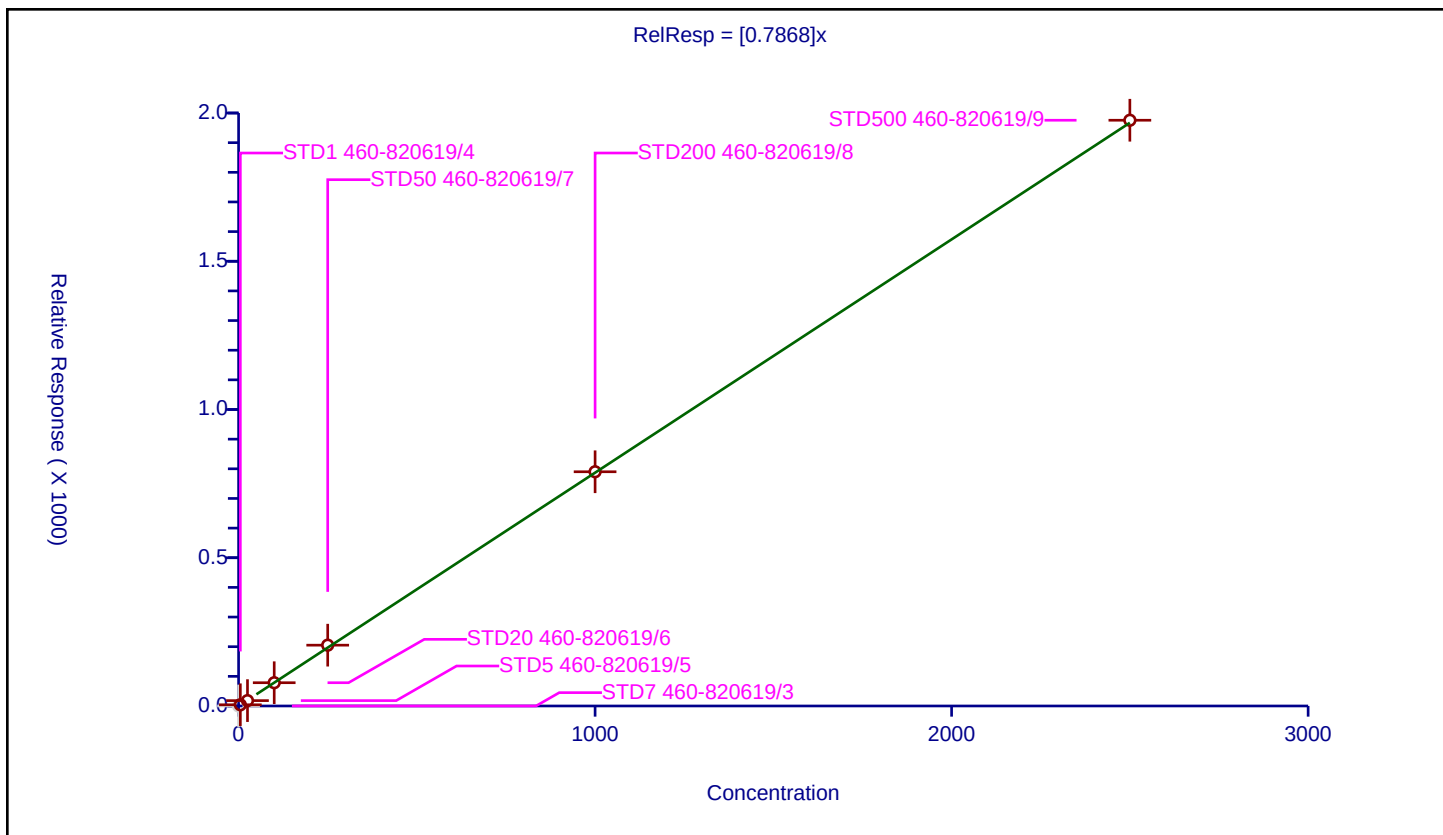
Curve Coefficients

Intercept: 0
 Slope: 0.7868

Error Coefficients

Standard Error: 1130000
 Relative Standard Error: 4.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	250.0	276984.0	NaN	N
2	STD1 460-820619/4	5.0	4.050854	250.0	271918.0	0.810171	Y
3	STD5 460-820619/5	25.0	18.134821	250.0	267717.0	0.725393	Y
4	STD20 460-820619/6	100.0	78.459423	250.0	277857.0	0.784594	Y
5	STD50 460-820619/7	250.0	205.152305	250.0	273169.0	0.820609	Y
6	STD200 460-820619/8	1000.0	790.02641	250.0	281714.0	0.790026	Y
7	STD500 460-820619/9	2500.0	1975.627642	250.0	298299.0	0.790251	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

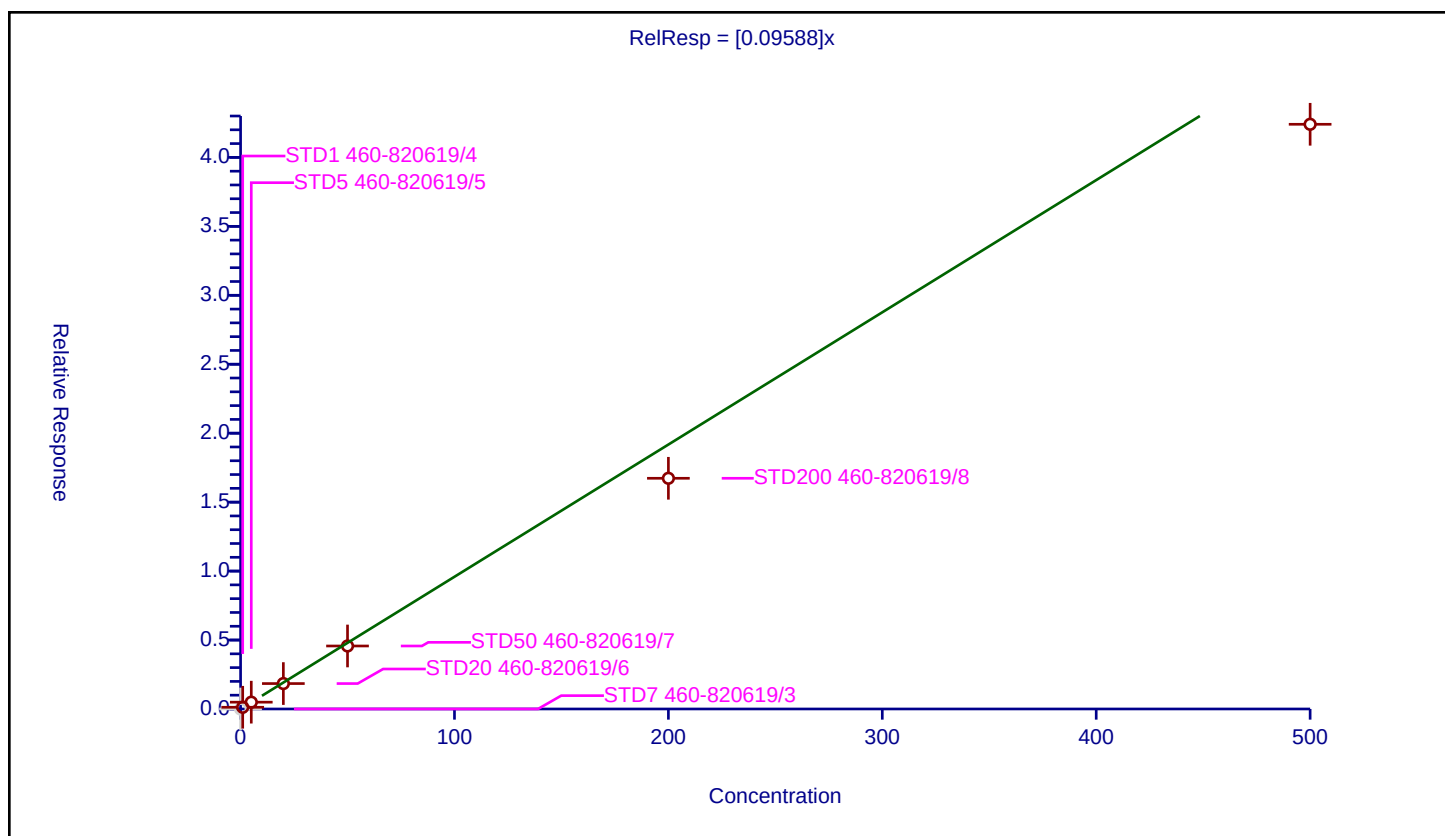
Curve Coefficients

Intercept: 0
 Slope: 0.09588

Error Coefficients

Standard Error: 171000
 Relative Standard Error: 15.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.124544	50.0	358106.0	0.124544	Y
3	STD5 460-820619/5	5.0	0.493916	50.0	351072.0	0.098783	Y
4	STD20 460-820619/6	20.0	1.843016	50.0	385835.0	0.092151	Y
5	STD50 460-820619/7	50.0	4.568995	50.0	383279.0	0.09138	Y
6	STD200 460-820619/8	200.0	16.729064	50.0	408669.0	0.083645	Y
7	STD500 460-820619/9	500.0	42.400286	50.0	417417.0	0.084801	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

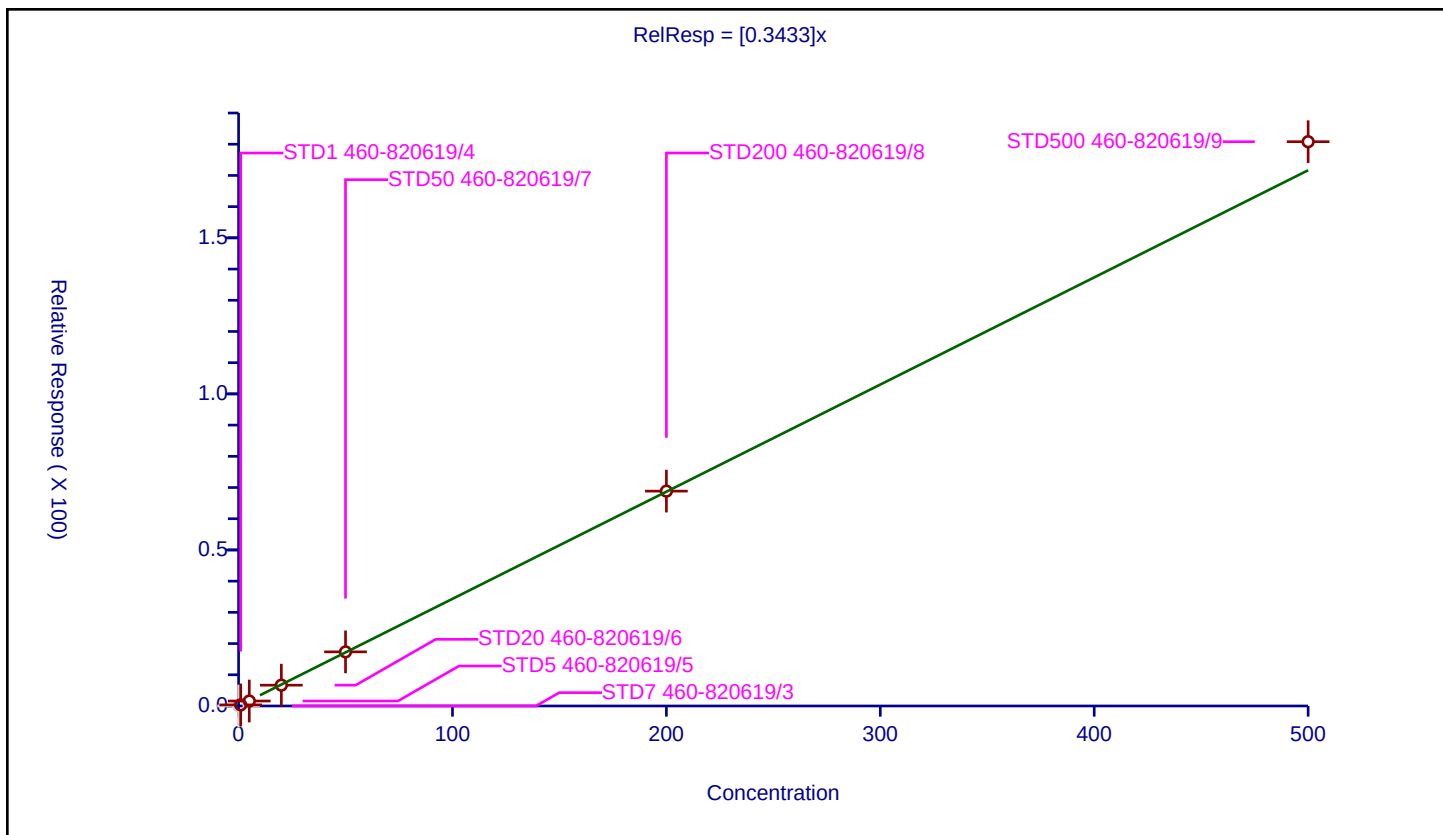
Curve Coefficients

Intercept: 0
 Slope: 0.3433

Error Coefficients

Standard Error: 723000
 Relative Standard Error: 4.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.354783	50.0	358106.0	0.354783	Y
3	STD5 460-820619/5	5.0	1.59483	50.0	351072.0	0.318966	Y
4	STD20 460-820619/6	20.0	6.669561	50.0	385835.0	0.333478	Y
5	STD50 460-820619/7	50.0	17.341154	50.0	383279.0	0.346823	Y
6	STD200 460-820619/8	200.0	68.843489	50.0	408669.0	0.344217	Y
7	STD500 460-820619/9	500.0	180.80876	50.0	417417.0	0.361618	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

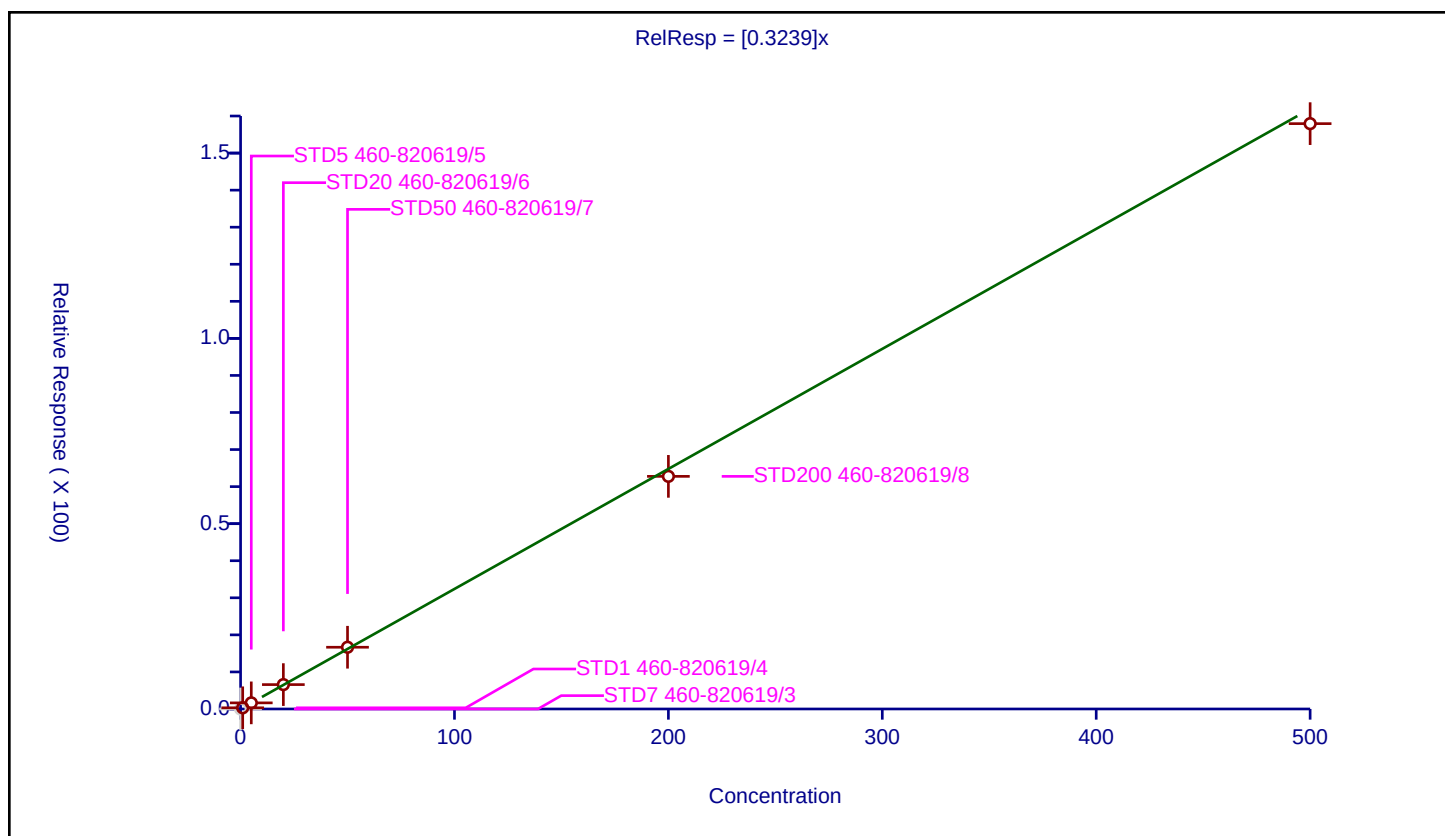
Curve Coefficients

Intercept: 0
Slope: 0.3239

Error Coefficients

Standard Error: 636000
Relative Standard Error: 2.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.320575	50.0	358106.0	0.320575	Y
3	STD5 460-820619/5	5.0	1.653934	50.0	351072.0	0.330787	Y
4	STD20 460-820619/6	20.0	6.579108	50.0	385835.0	0.328955	Y
5	STD50 460-820619/7	50.0	16.659927	50.0	383279.0	0.333199	Y
6	STD200 460-820619/8	200.0	62.768769	50.0	408669.0	0.313844	Y
7	STD500 460-820619/9	500.0	157.942178	50.0	417417.0	0.315884	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

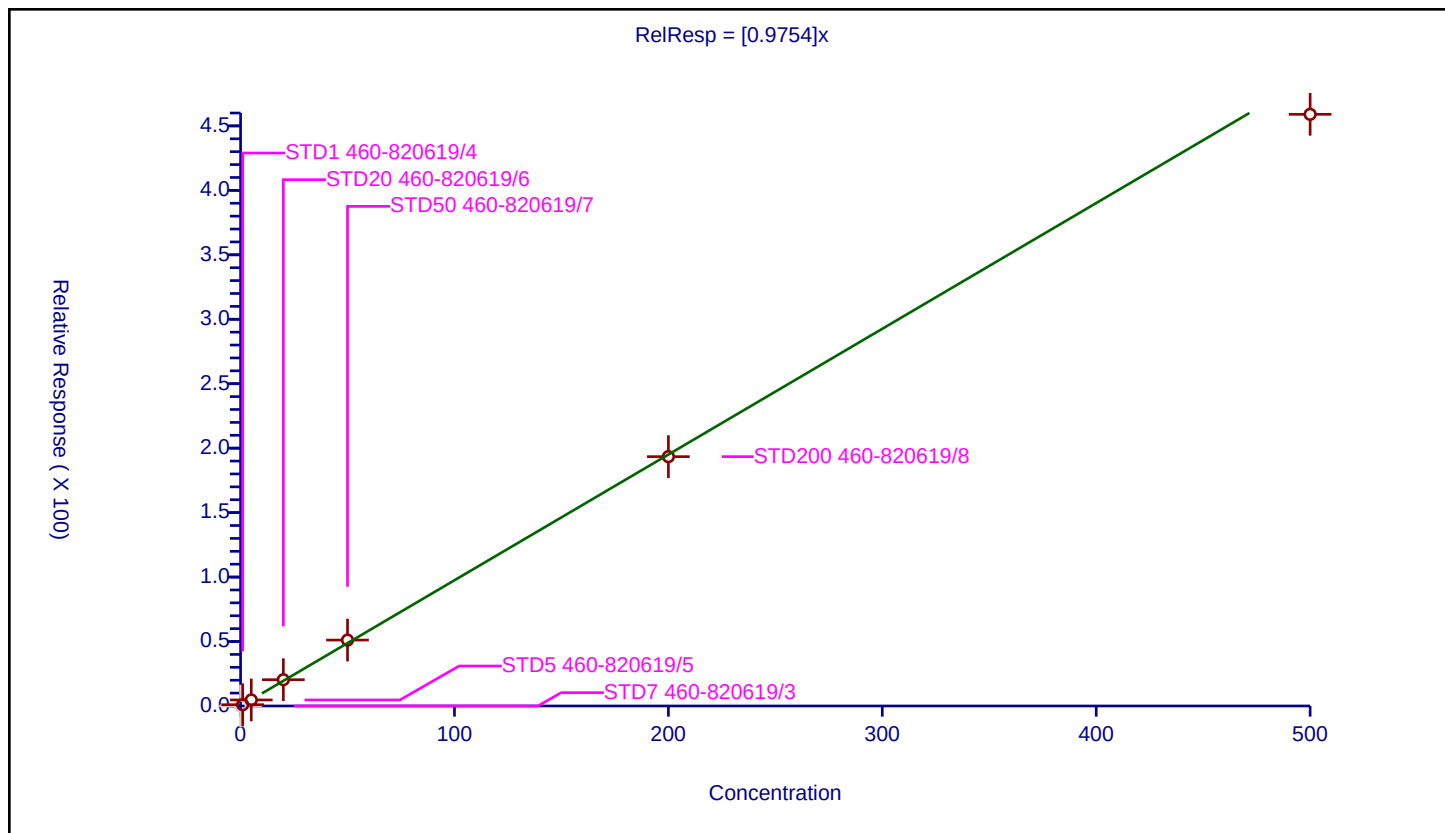
Curve Coefficients

Intercept: 0
 Slope: 0.9754

Error Coefficients

Standard Error: 1860000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.988115	50.0	358106.0	0.988115	Y
3	STD5 460-820619/5	5.0	4.684509	50.0	351072.0	0.936902	Y
4	STD20 460-820619/6	20.0	20.385916	50.0	385835.0	1.019296	Y
5	STD50 460-820619/7	50.0	51.133378	50.0	383279.0	1.022668	Y
6	STD200 460-820619/8	200.0	193.4283	50.0	408669.0	0.967142	Y
7	STD500 460-820619/9	500.0	458.991009	50.0	417417.0	0.917982	Y



Calibration

/ Ethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

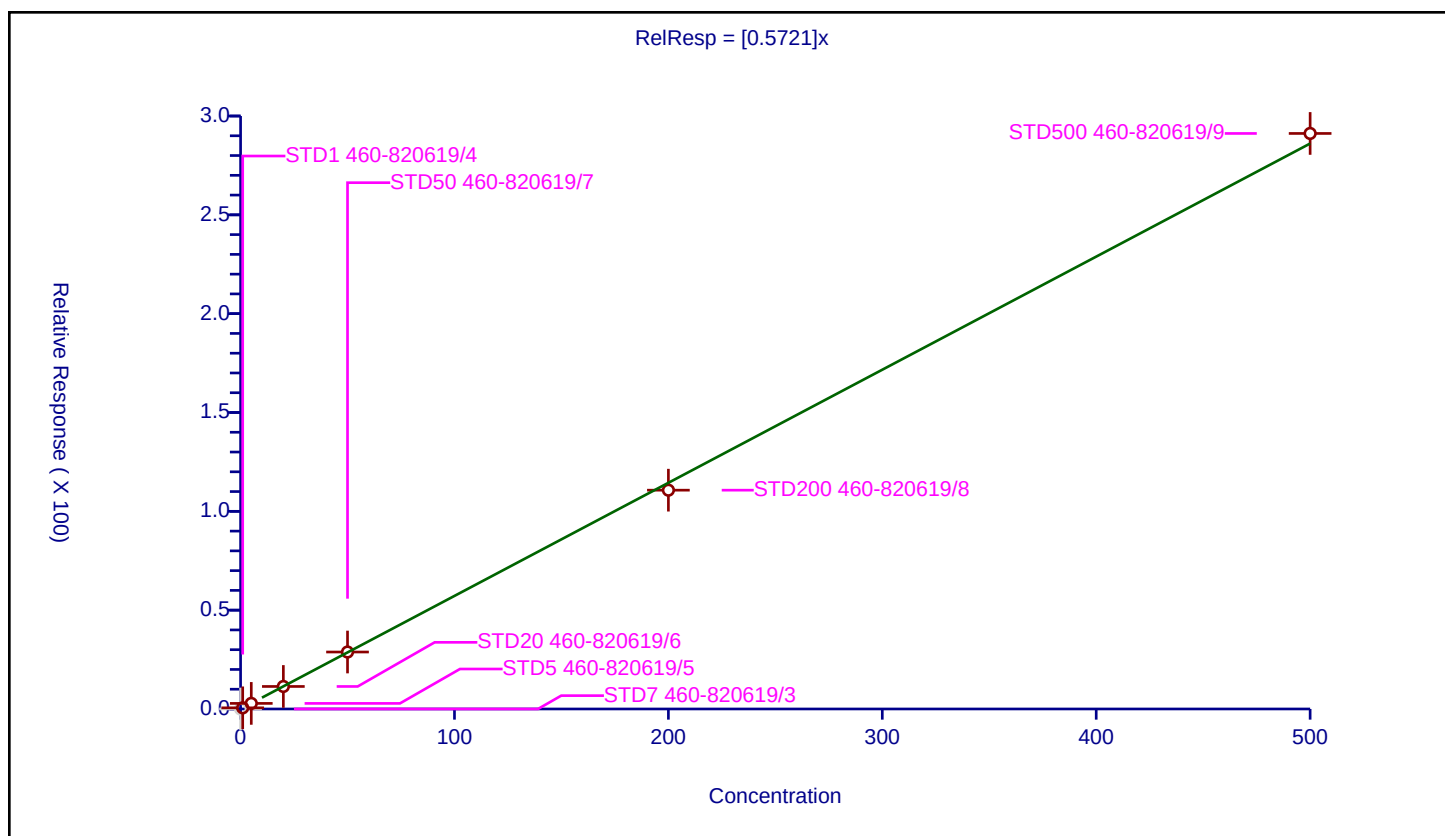
Curve Coefficients

Intercept: 0
 Slope: 0.5721

Error Coefficients

Standard Error: 1160000
 Relative Standard Error: 2.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.585022	50.0	358106.0	0.585022	Y
3	STD5 460-820619/5	5.0	2.830189	50.0	351072.0	0.566038	Y
4	STD20 460-820619/6	20.0	11.388288	50.0	385835.0	0.569414	Y
5	STD50 460-820619/7	50.0	28.82339	50.0	383279.0	0.576468	Y
6	STD200 460-820619/8	200.0	110.709523	50.0	408669.0	0.553548	Y
7	STD500 460-820619/9	500.0	291.177048	50.0	417417.0	0.582354	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

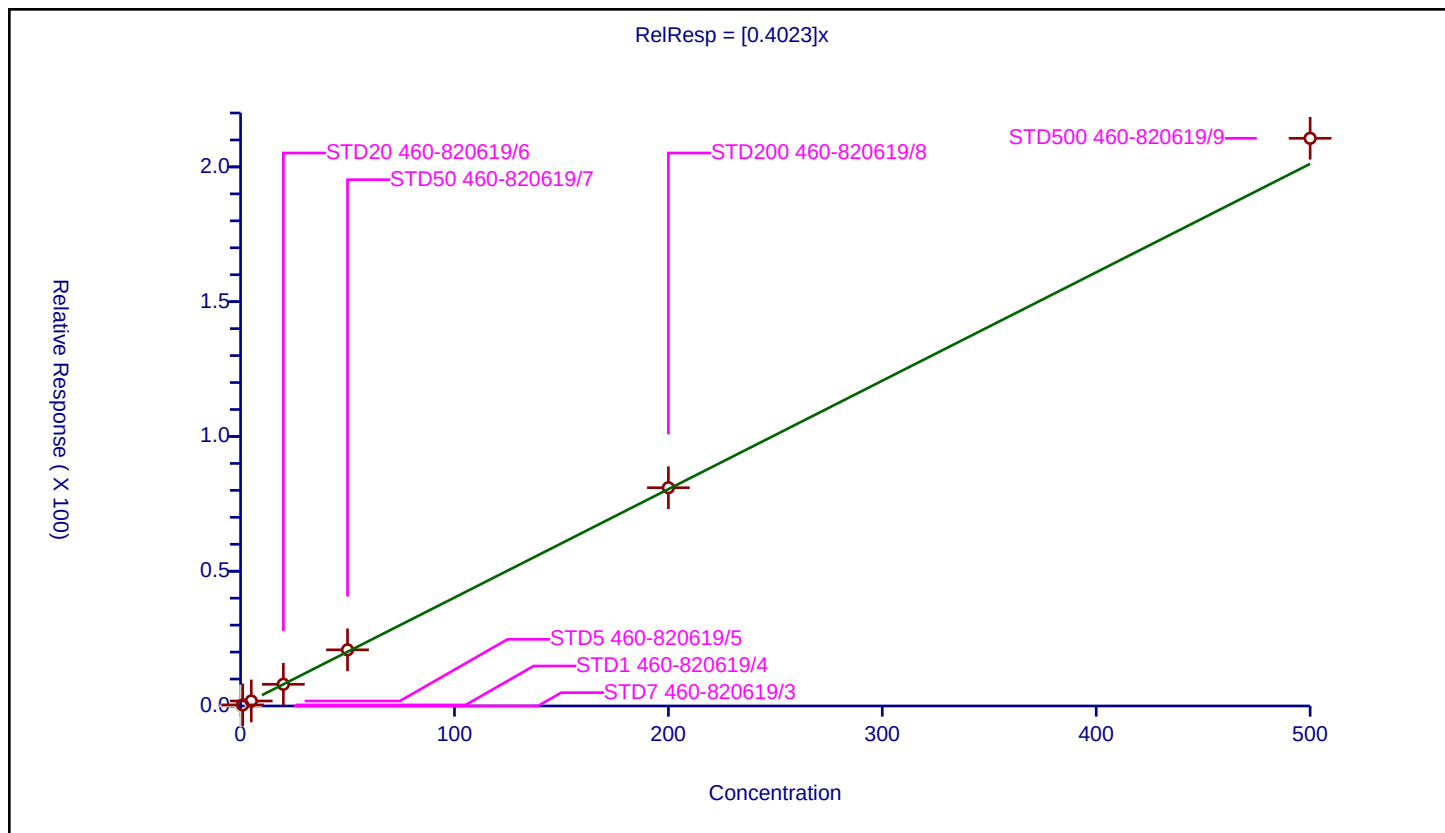
Curve Coefficients

Intercept: 0
Slope: 0.4023

Error Coefficients

Standard Error: 844000
Relative Standard Error: 4.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.397368	50.0	358106.0	0.397368	Y
3	STD5 460-820619/5	5.0	1.85489	50.0	351072.0	0.370978	Y
4	STD20 460-820619/6	20.0	8.050462	50.0	385835.0	0.402523	Y
5	STD50 460-820619/7	50.0	20.8283	50.0	383279.0	0.416566	Y
6	STD200 460-820619/8	200.0	80.983999	50.0	408669.0	0.40492	Y
7	STD500 460-820619/9	500.0	210.616242	50.0	417417.0	0.421232	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

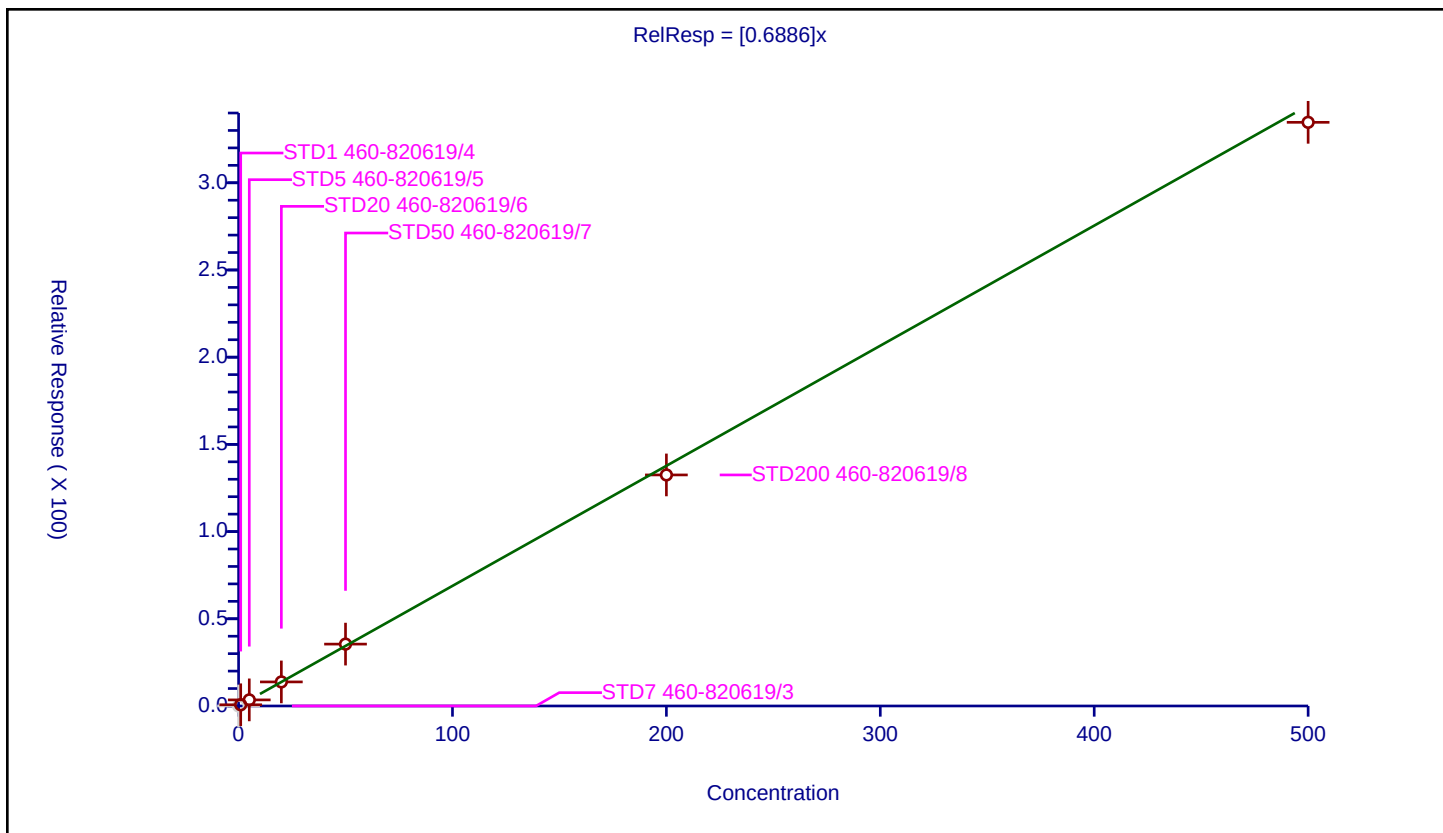
Curve Coefficients

Intercept: 0
 Slope: 0.6886

Error Coefficients

Standard Error: 1350000
 Relative Standard Error: 2.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.699653	50.0	358106.0	0.699653	Y
3	STD5 460-820619/5	5.0	3.501419	50.0	351072.0	0.700284	Y
4	STD20 460-820619/6	20.0	13.80331	50.0	385835.0	0.690165	Y
5	STD50 460-820619/7	50.0	35.477942	50.0	383279.0	0.709559	Y
6	STD200 460-820619/8	200.0	132.489129	50.0	408669.0	0.662446	Y
7	STD500 460-820619/9	500.0	334.670845	50.0	417417.0	0.669342	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

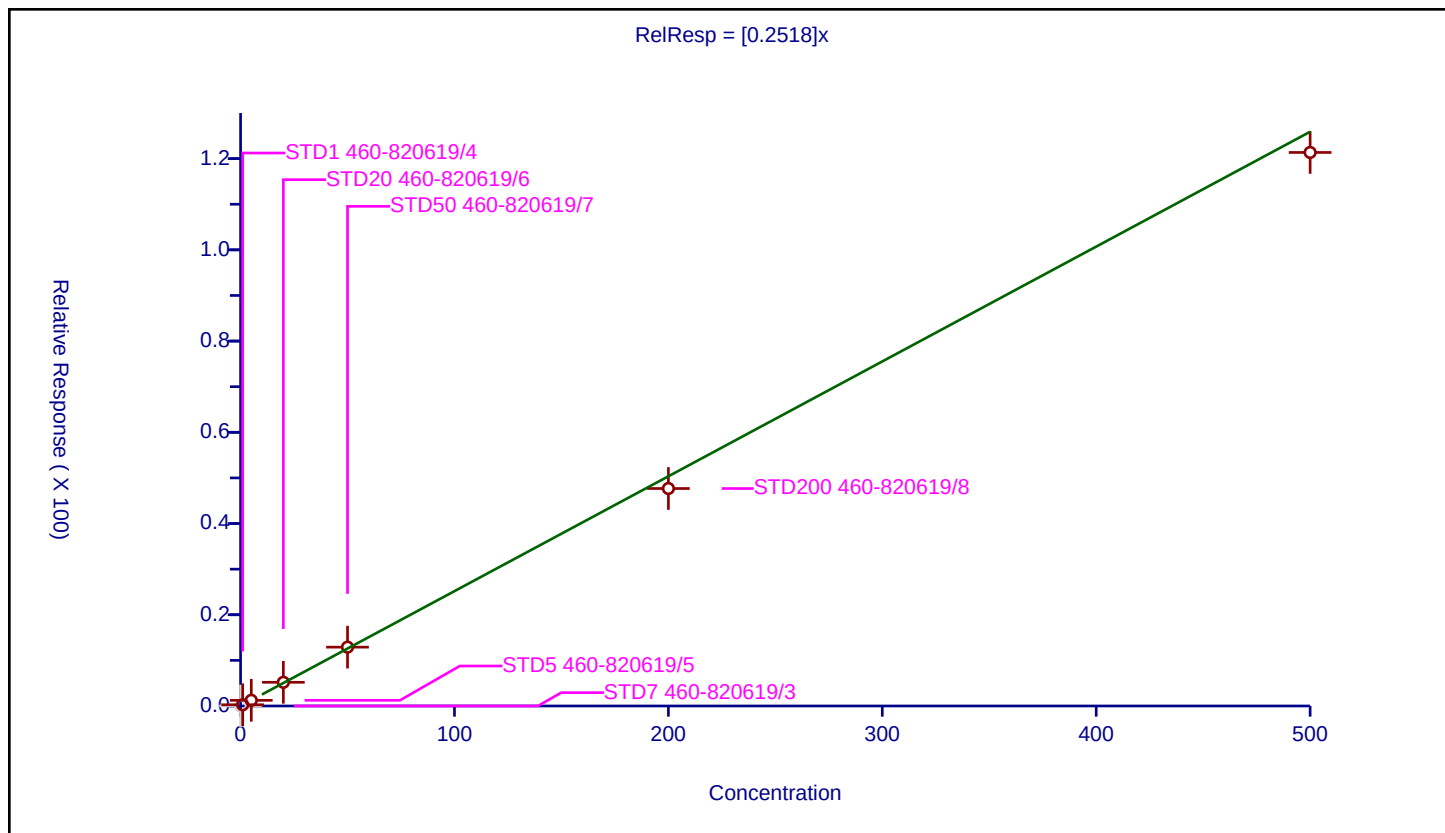
Curve Coefficients

Intercept: 0
 Slope: 0.2518

Error Coefficients

Standard Error: 488000
 Relative Standard Error: 4.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.263469	50.0	358106.0	0.263469	Y
3	STD5 460-820619/5	5.0	1.241626	50.0	351072.0	0.248325	Y
4	STD20 460-820619/6	20.0	5.194578	50.0	385835.0	0.259729	Y
5	STD50 460-820619/7	50.0	12.90209	50.0	383279.0	0.258042	Y
6	STD200 460-820619/8	200.0	47.681865	50.0	408669.0	0.238409	Y
7	STD500 460-820619/9	500.0	121.352748	50.0	417417.0	0.242705	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

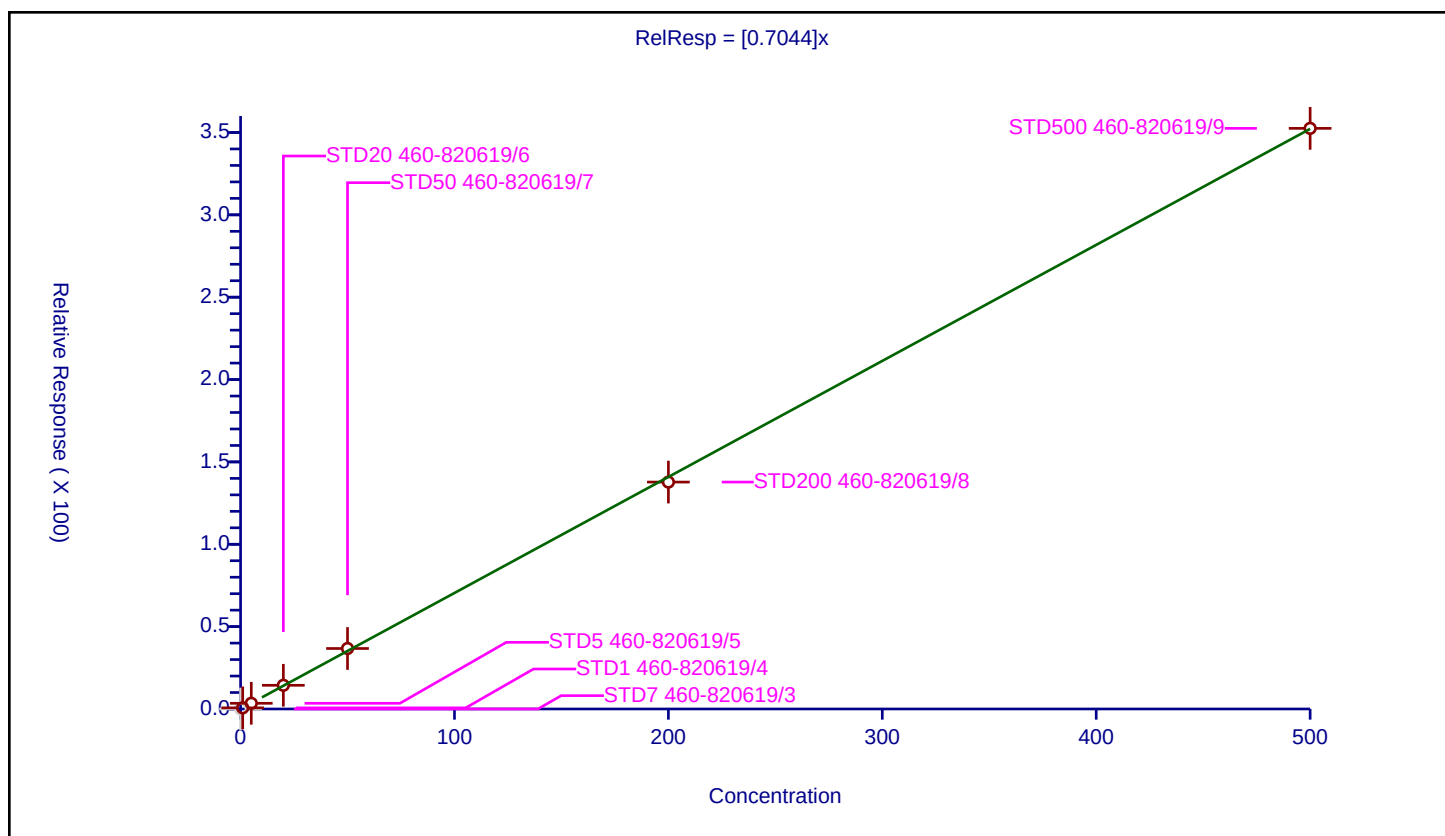
Curve Coefficients

Intercept: 0
 Slope: 0.7044

Error Coefficients

Standard Error: 1420000
 Relative Standard Error: 2.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.689042	50.0	358106.0	0.689042	Y
3	STD5 460-820619/5	5.0	3.450005	50.0	351072.0	0.690001	Y
4	STD20 460-820619/6	20.0	14.379592	50.0	385835.0	0.71898	Y
5	STD50 460-820619/7	50.0	36.725205	50.0	383279.0	0.734504	Y
6	STD200 460-820619/8	200.0	137.757941	50.0	408669.0	0.68879	Y
7	STD500 460-820619/9	500.0	352.511757	50.0	417417.0	0.705024	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

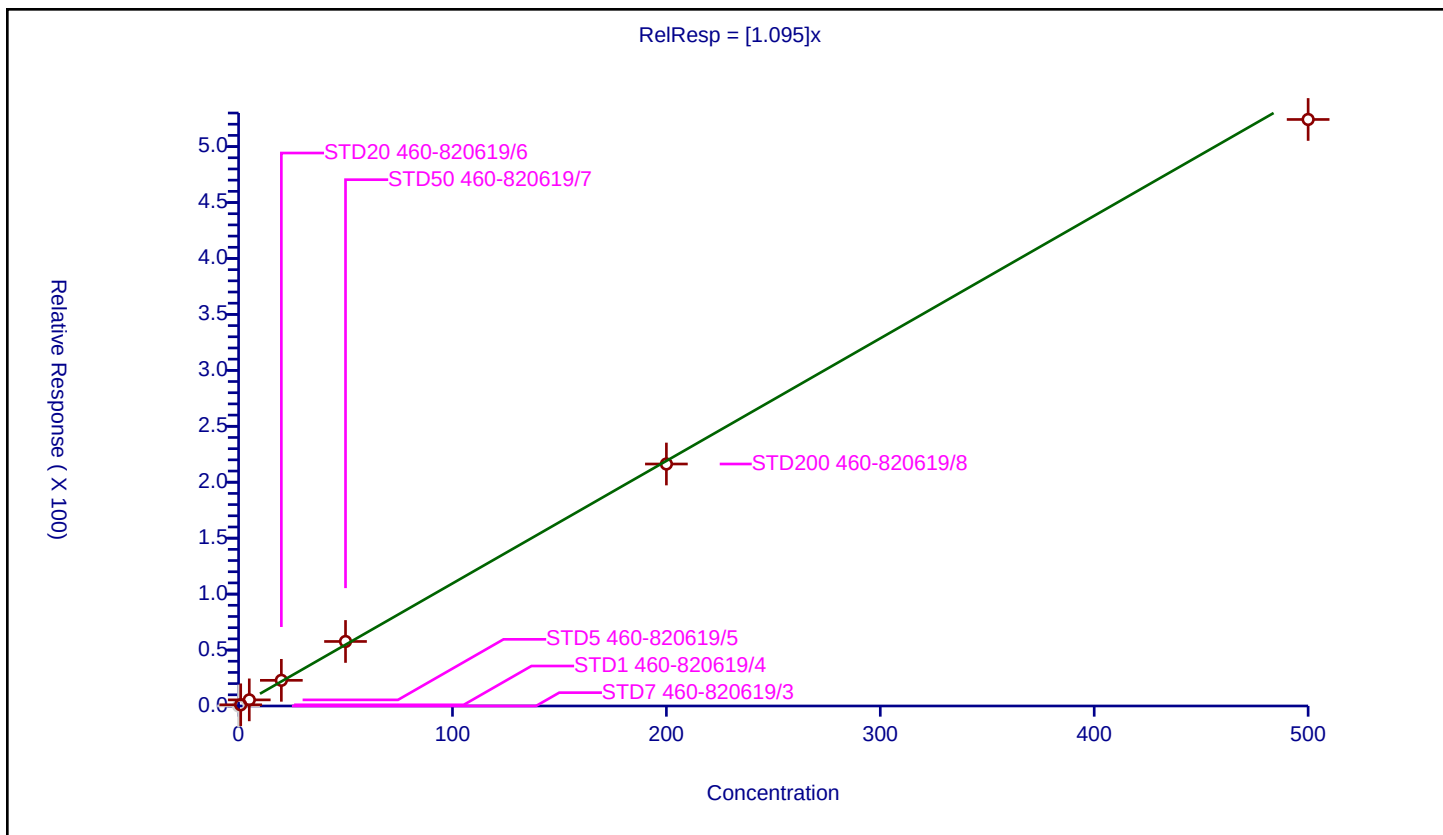
Curve Coefficients

Intercept: 0
 Slope: 1.095

Error Coefficients

Standard Error: 2120000
 Relative Standard Error: 4.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	1.049968	50.0	358106.0	1.049968	Y
3	STD5 460-820619/5	5.0	5.458567	50.0	351072.0	1.091713	Y
4	STD20 460-820619/6	20.0	22.940117	50.0	385835.0	1.147006	Y
5	STD50 460-820619/7	50.0	57.672218	50.0	383279.0	1.153444	Y
6	STD200 460-820619/8	200.0	216.292403	50.0	408669.0	1.081462	Y
7	STD500 460-820619/9	500.0	524.23895	50.0	417417.0	1.048478	Y



Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

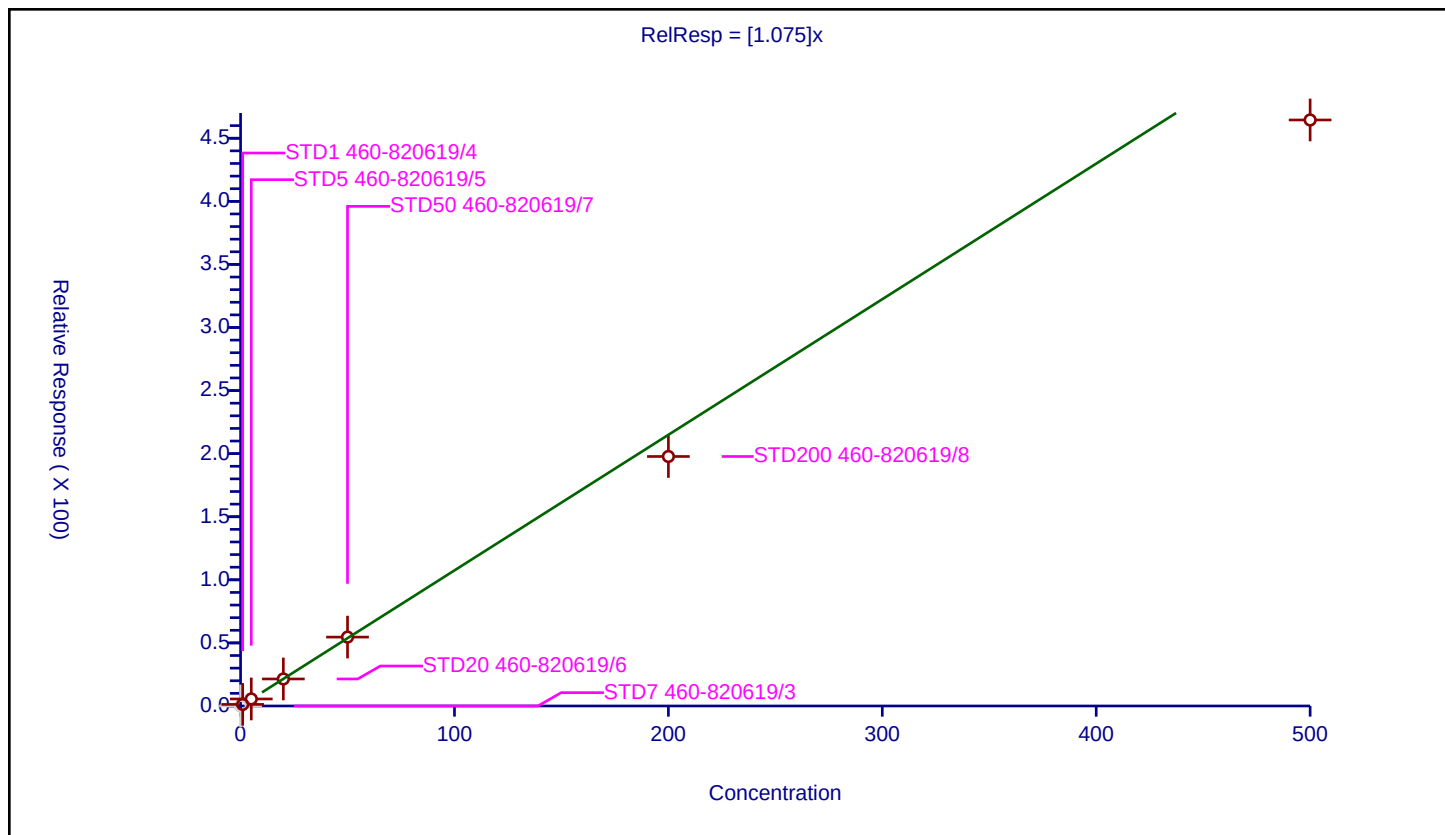
Curve Coefficients

Intercept: 0
 Slope: 1.075

Error Coefficients

Standard Error: 1130000
 Relative Standard Error: 10.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.252023	50.0	214373.0	1.252023	Y
3	STD5 460-820619/5	5.0	5.575727	50.0	210968.0	1.115145	Y
4	STD20 460-820619/6	20.0	21.425808	50.0	230087.0	1.07129	Y
5	STD50 460-820619/7	50.0	54.598084	50.0	225246.0	1.091962	Y
6	STD200 460-820619/8	200.0	197.764846	50.0	237478.0	0.988824	Y
7	STD500 460-820619/9	500.0	464.47471	50.0	251518.0	0.928949	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

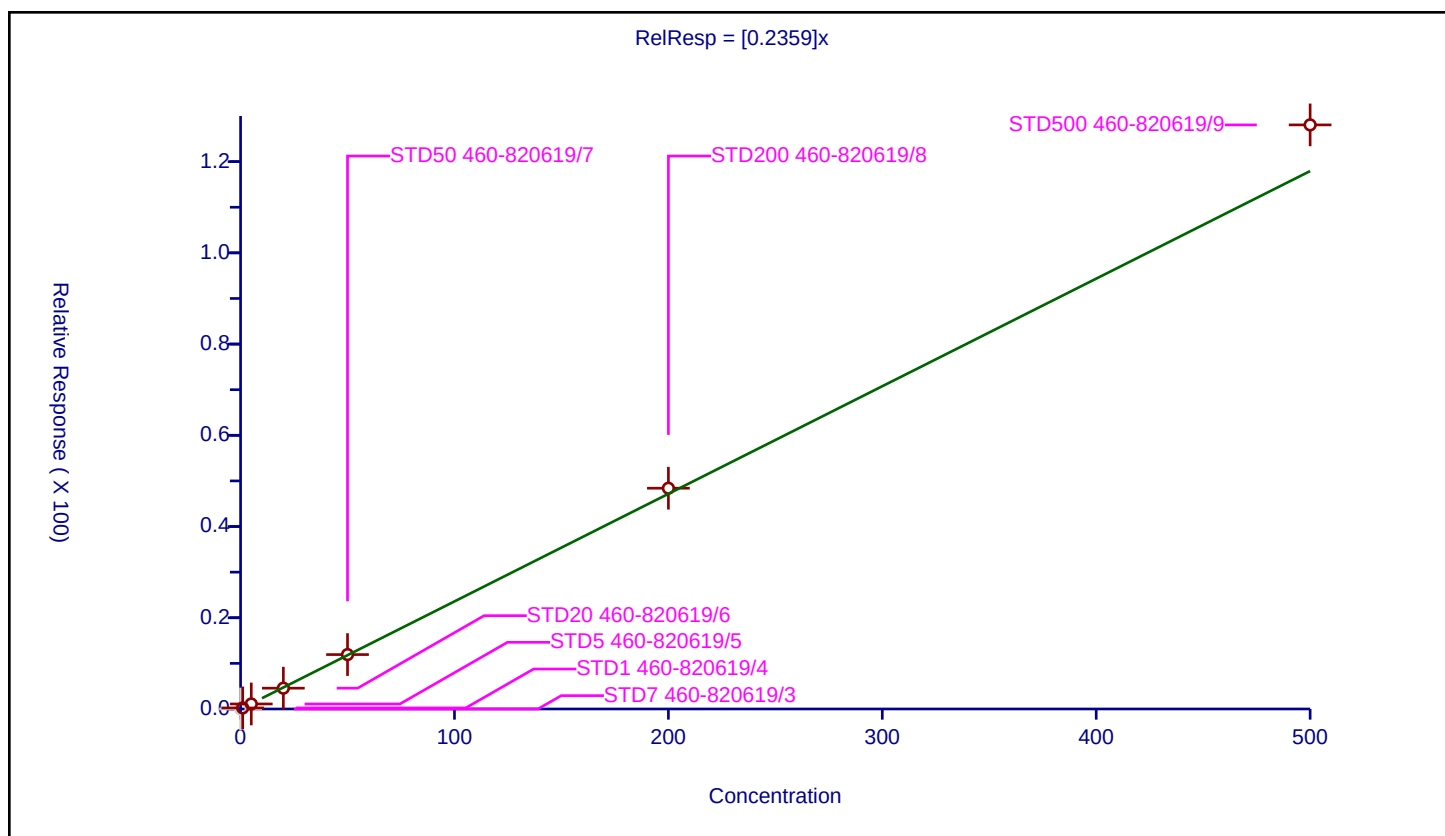
Curve Coefficients

Intercept: 0
Slope: 0.2359

Error Coefficients

Standard Error: 512000
Relative Standard Error: 5.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	0.229681	50.0	358106.0	0.229681	Y
3	STD5 460-820619/5	5.0	1.103477	50.0	351072.0	0.220695	Y
4	STD20 460-820619/6	20.0	4.562183	50.0	385835.0	0.228109	Y
5	STD50 460-820619/7	50.0	11.927604	50.0	383279.0	0.238552	Y
6	STD200 460-820619/8	200.0	48.401029	50.0	408669.0	0.242005	Y
7	STD500 460-820619/9	500.0	128.054559	50.0	417417.0	0.256109	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

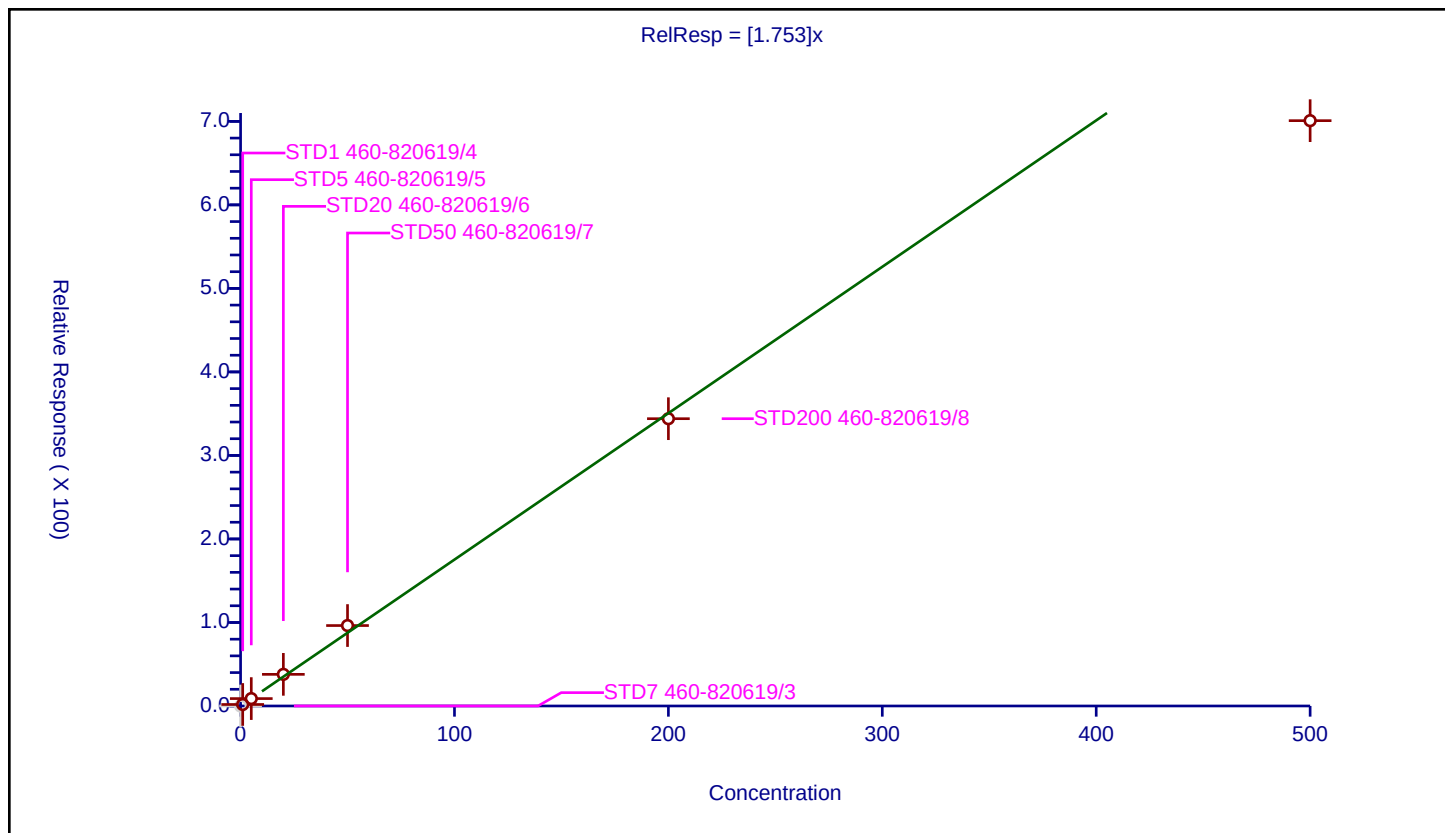
Curve Coefficients

Intercept: 0
 Slope: 1.753

Error Coefficients

Standard Error: 2920000
 Relative Standard Error: 10.7
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	357514.0	NaN	N
2	STD1 460-820619/4	1.0	1.801701	50.0	358106.0	1.801701	Y
3	STD5 460-820619/5	5.0	8.86613	50.0	351072.0	1.773226	Y
4	STD20 460-820619/6	20.0	37.889253	50.0	385835.0	1.894463	Y
5	STD50 460-820619/7	50.0	96.328262	50.0	383279.0	1.926565	Y
6	STD200 460-820619/8	200.0	343.985597	50.0	408669.0	1.719928	Y
7	STD500 460-820619/9	500.0	700.825673	50.0	417417.0	1.401651	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

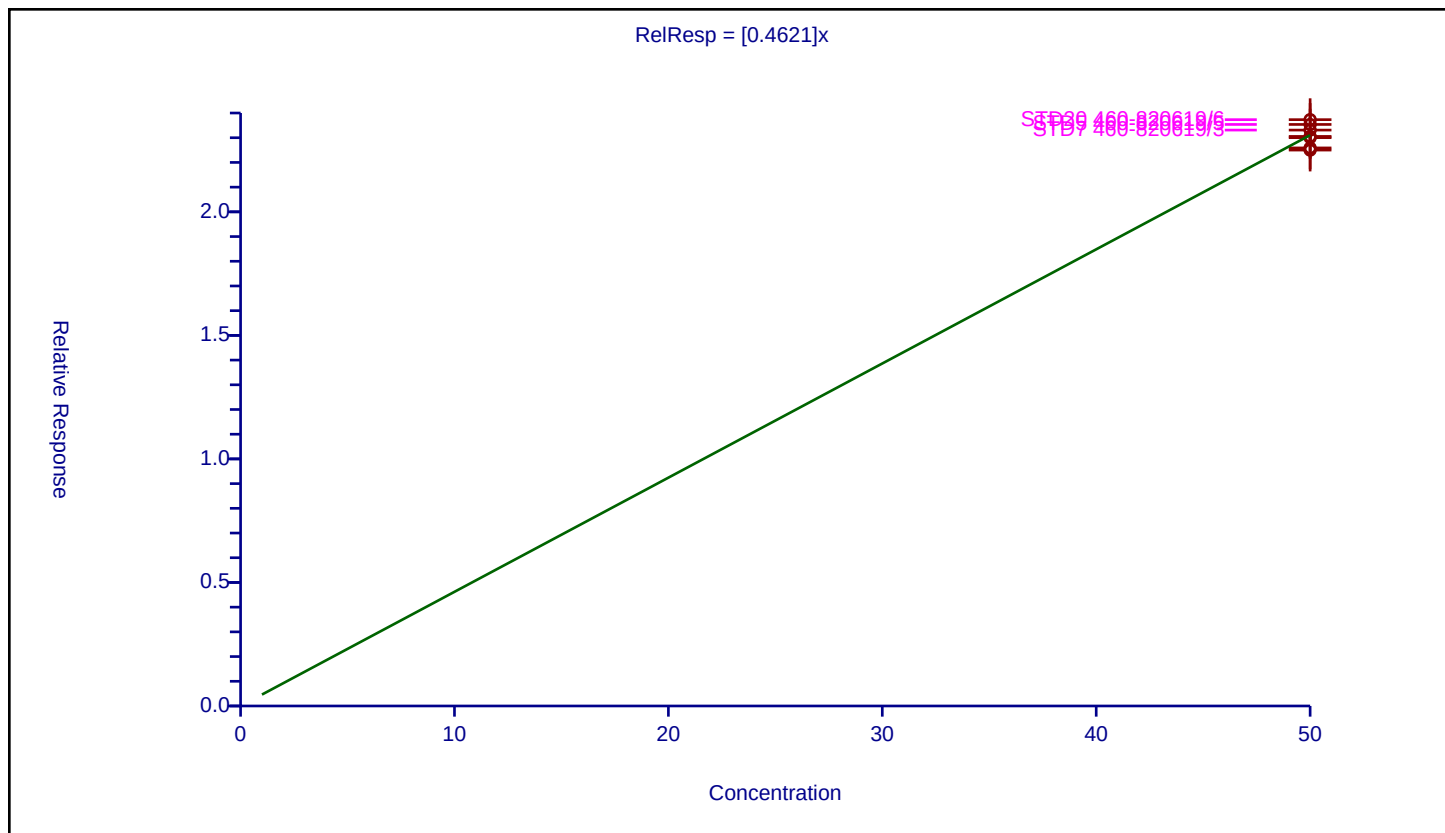
Curve Coefficients

Intercept: 0
 Slope: 0.4621

Error Coefficients

Standard Error: 190000
 Relative Standard Error: 2.0
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	50.0	23.309577	50.0	357514.0	0.466192	Y
2	STD1 460-820619/4	50.0	23.052672	50.0	358106.0	0.461053	Y
3	STD5 460-820619/5	50.0	23.53691	50.0	351072.0	0.470738	Y
4	STD20 460-820619/6	50.0	23.731258	50.0	385835.0	0.474625	Y
5	STD50 460-820619/7	50.0	23.001652	50.0	383279.0	0.460033	Y
6	STD200 460-820619/8	50.0	22.499749	50.0	408669.0	0.449995	Y
7	STD500 460-820619/9	50.0	22.587365	50.0	417417.0	0.451747	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

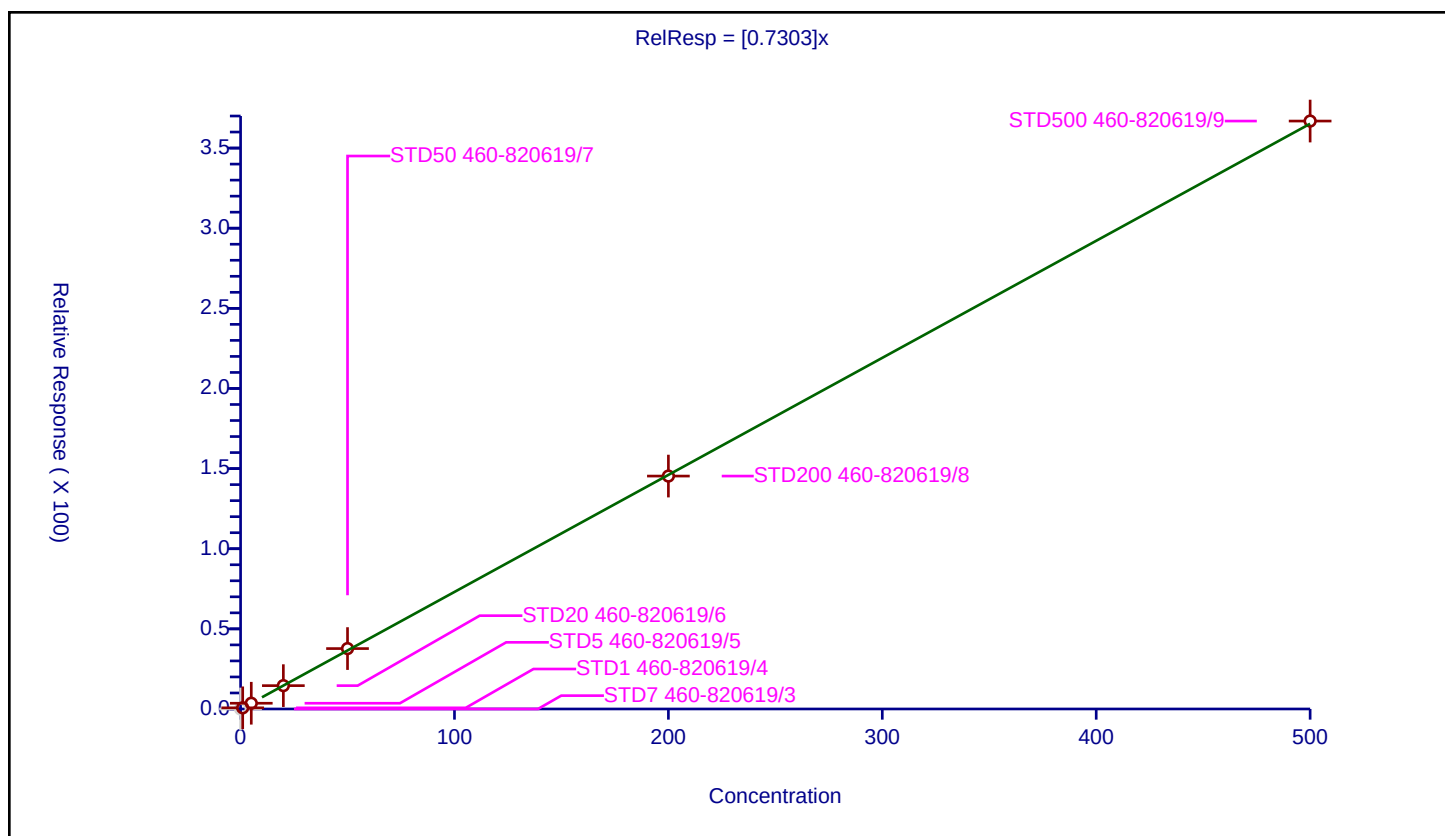
Curve Coefficients

Intercept: 0
 Slope: 0.7303

Error Coefficients

Standard Error: 885000
 Relative Standard Error: 1.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	0.723739	50.0	214373.0	0.723739	Y
3	STD5 460-820619/5	5.0	3.579216	50.0	210968.0	0.715843	Y
4	STD20 460-820619/6	20.0	14.55971	50.0	230087.0	0.727986	Y
5	STD50 460-820619/7	50.0	37.702778	50.0	225246.0	0.754056	Y
6	STD200 460-820619/8	200.0	145.343358	50.0	237478.0	0.726717	Y
7	STD500 460-820619/9	500.0	366.860026	50.0	251518.0	0.73372	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

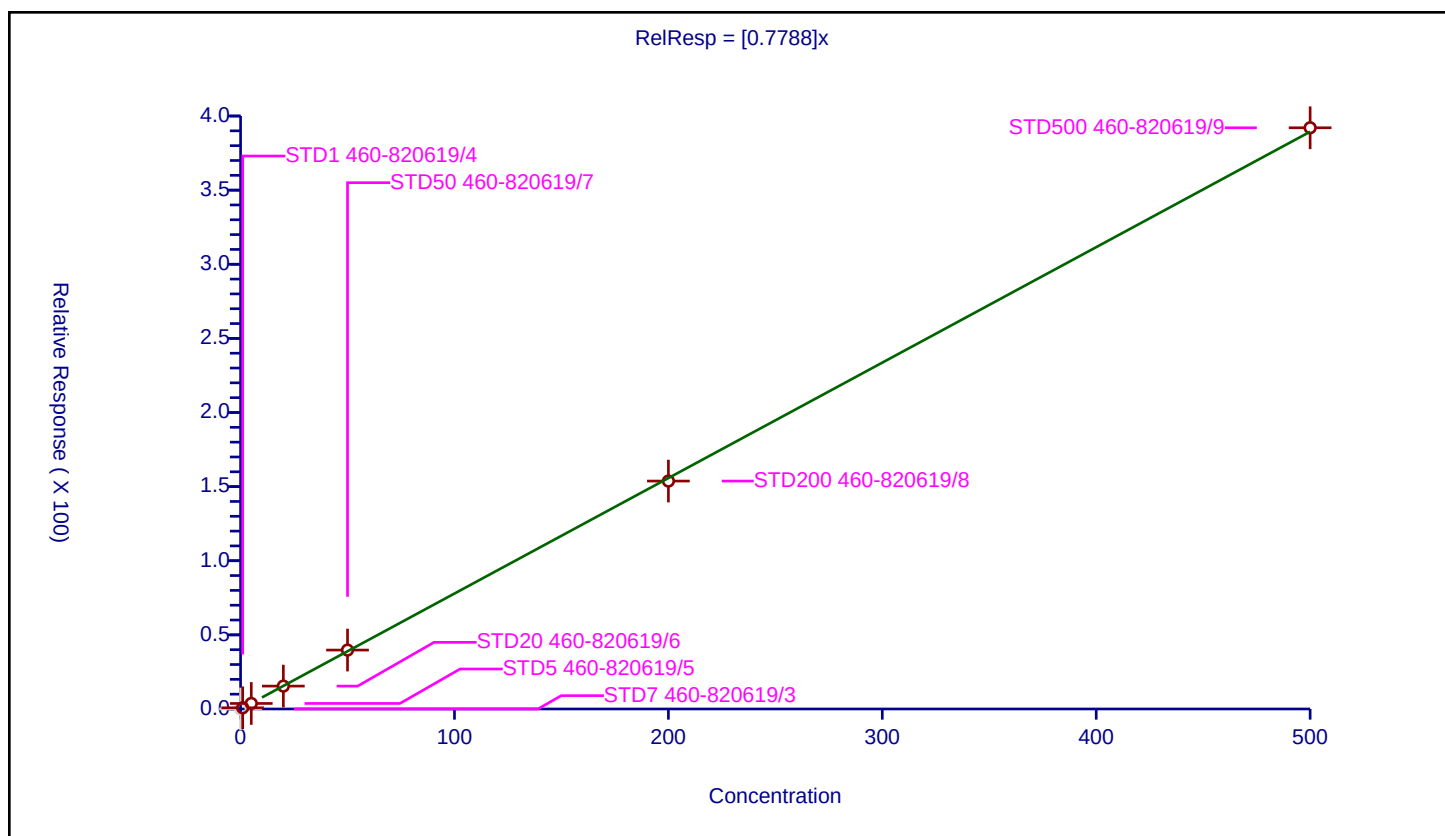
Curve Coefficients

Intercept: 0
 Slope: 0.7788

Error Coefficients

Standard Error: 944000
 Relative Standard Error: 2.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	0.807938	50.0	214373.0	0.807938	Y
3	STD5 460-820619/5	5.0	3.725684	50.0	210968.0	0.745137	Y
4	STD20 460-820619/6	20.0	15.44242	50.0	230087.0	0.772121	Y
5	STD50 460-820619/7	50.0	39.743214	50.0	225246.0	0.794864	Y
6	STD200 460-820619/8	200.0	153.751505	50.0	237478.0	0.768758	Y
7	STD500 460-820619/9	500.0	392.068957	50.0	251518.0	0.784138	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

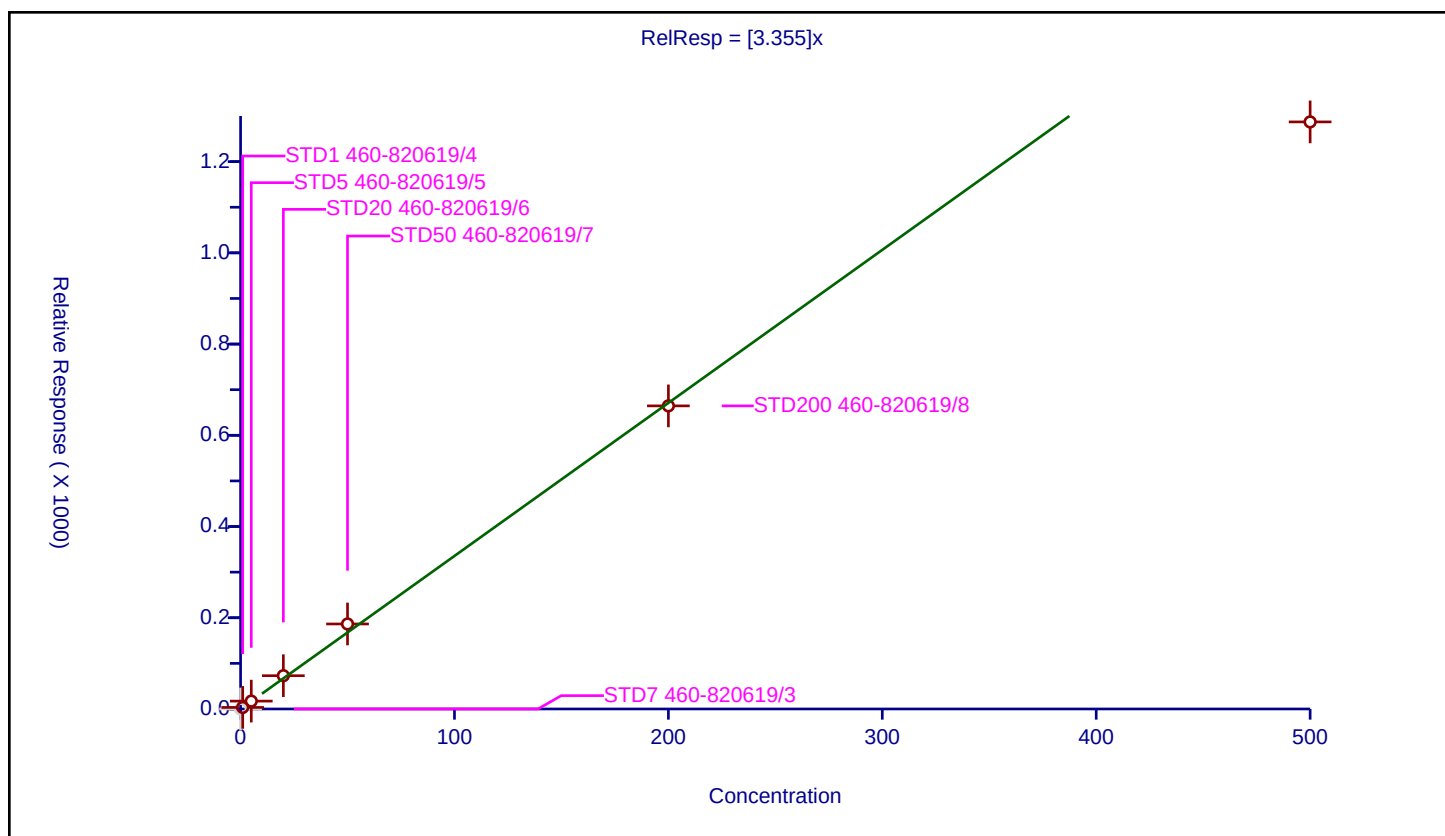
Curve Coefficients

Intercept: 0
Slope: 3.355

Error Coefficients

Standard Error: 3250000
Relative Standard Error: 12.3
Correlation Coefficient: 0.993
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	3.398049	50.0	214373.0	3.398049	Y
3	STD5 460-820619/5	5.0	17.300017	50.0	210968.0	3.460003	Y
4	STD20 460-820619/6	20.0	72.965661	50.0	230087.0	3.648283	Y
5	STD50 460-820619/7	50.0	186.384442	50.0	225246.0	3.727689	Y
6	STD200 460-820619/8	200.0	664.48471	50.0	237478.0	3.322424	Y
7	STD500 460-820619/9	500.0	1287.098736	50.0	251518.0	2.574197	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

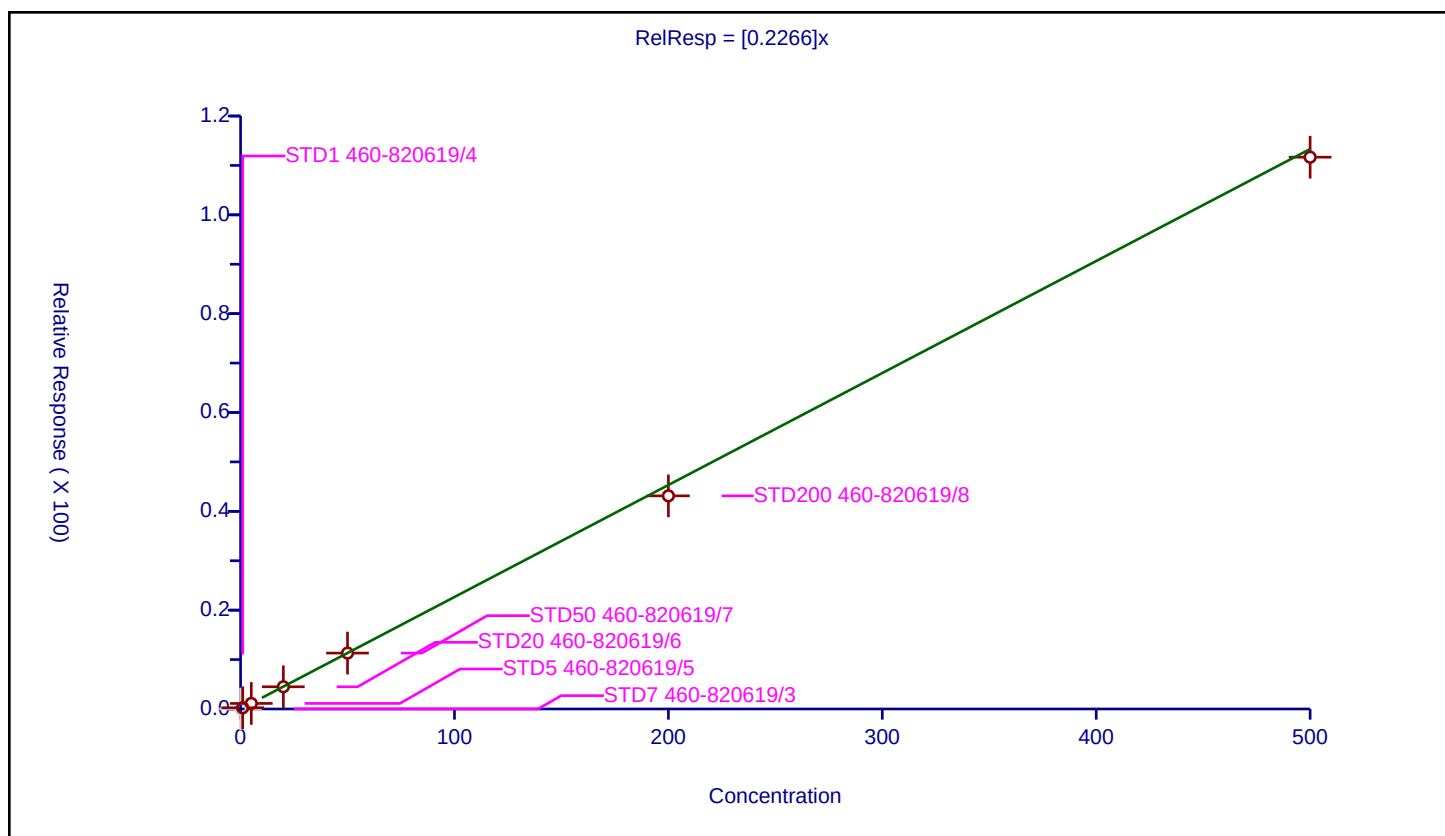
Curve Coefficients

Intercept: 0
 Slope: 0.2266

Error Coefficients

Standard Error: 268000
 Relative Standard Error: 4.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	0.245367	50.0	214373.0	0.245367	Y
3	STD5 460-820619/5	5.0	1.122445	50.0	210968.0	0.224489	Y
4	STD20 460-820619/6	20.0	4.493083	50.0	230087.0	0.224654	Y
5	STD50 460-820619/7	50.0	11.313186	50.0	225246.0	0.226264	Y
6	STD200 460-820619/8	200.0	43.13368	50.0	237478.0	0.215668	Y
7	STD500 460-820619/9	500.0	111.670139	50.0	251518.0	0.22334	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

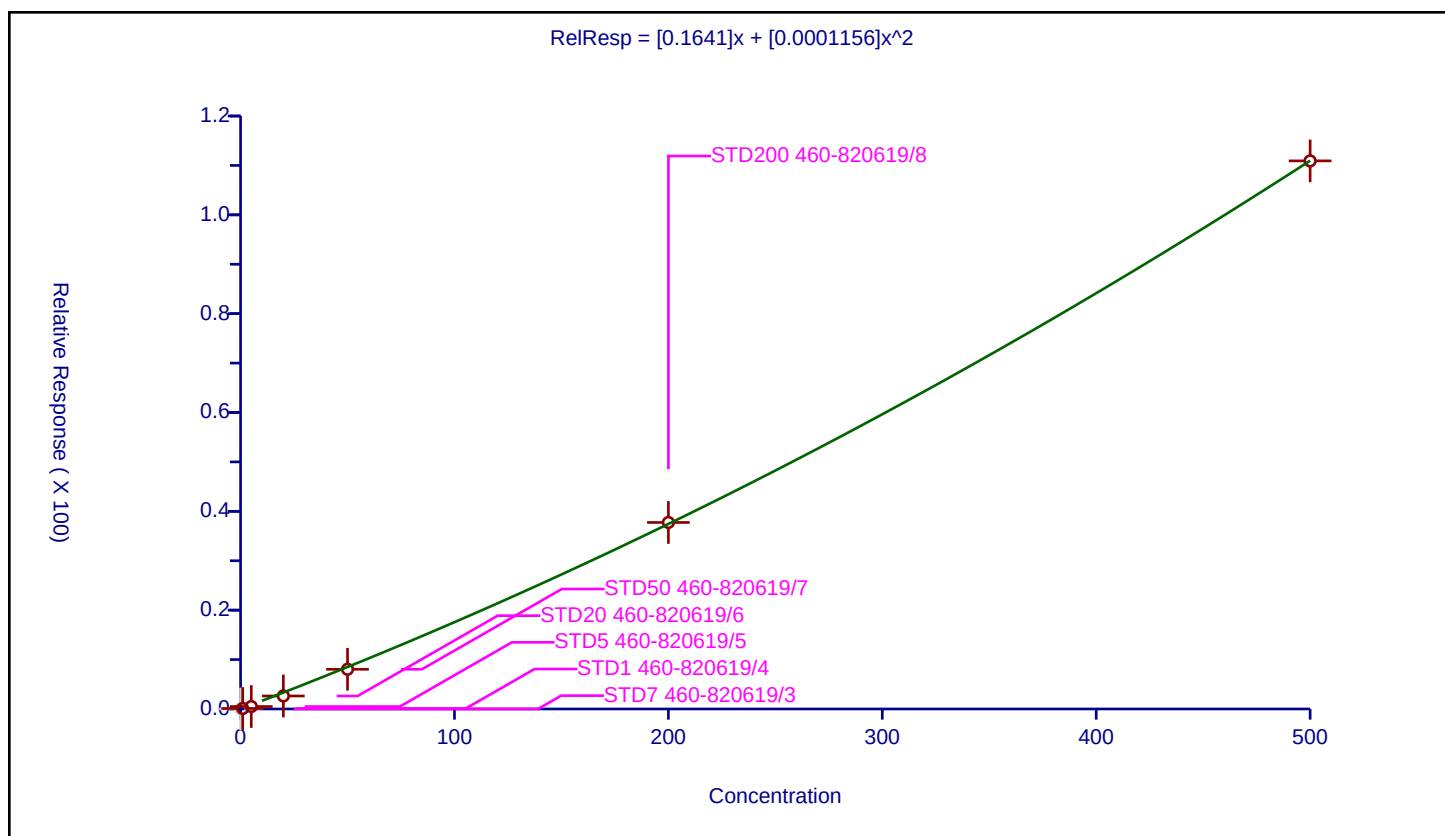
Curve Coefficients

Intercept:	0
Slope:	0.1641
Second Order:	0.0001156

Error Coefficients

Standard Error:	294000
Relative Standard Error:	29.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	0.099826	50.0	214373.0	0.099826	Y
3	STD5 460-820619/5	5.0	0.50055	50.0	210968.0	0.10011	Y
4	STD20 460-820619/6	20.0	2.631179	50.0	230087.0	0.131559	Y
5	STD50 460-820619/7	50.0	8.033661	50.0	225246.0	0.160673	Y
6	STD200 460-820619/8	200.0	37.745391	50.0	237478.0	0.188727	Y
7	STD500 460-820619/9	500.0	110.916913	50.0	251518.0	0.221834	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

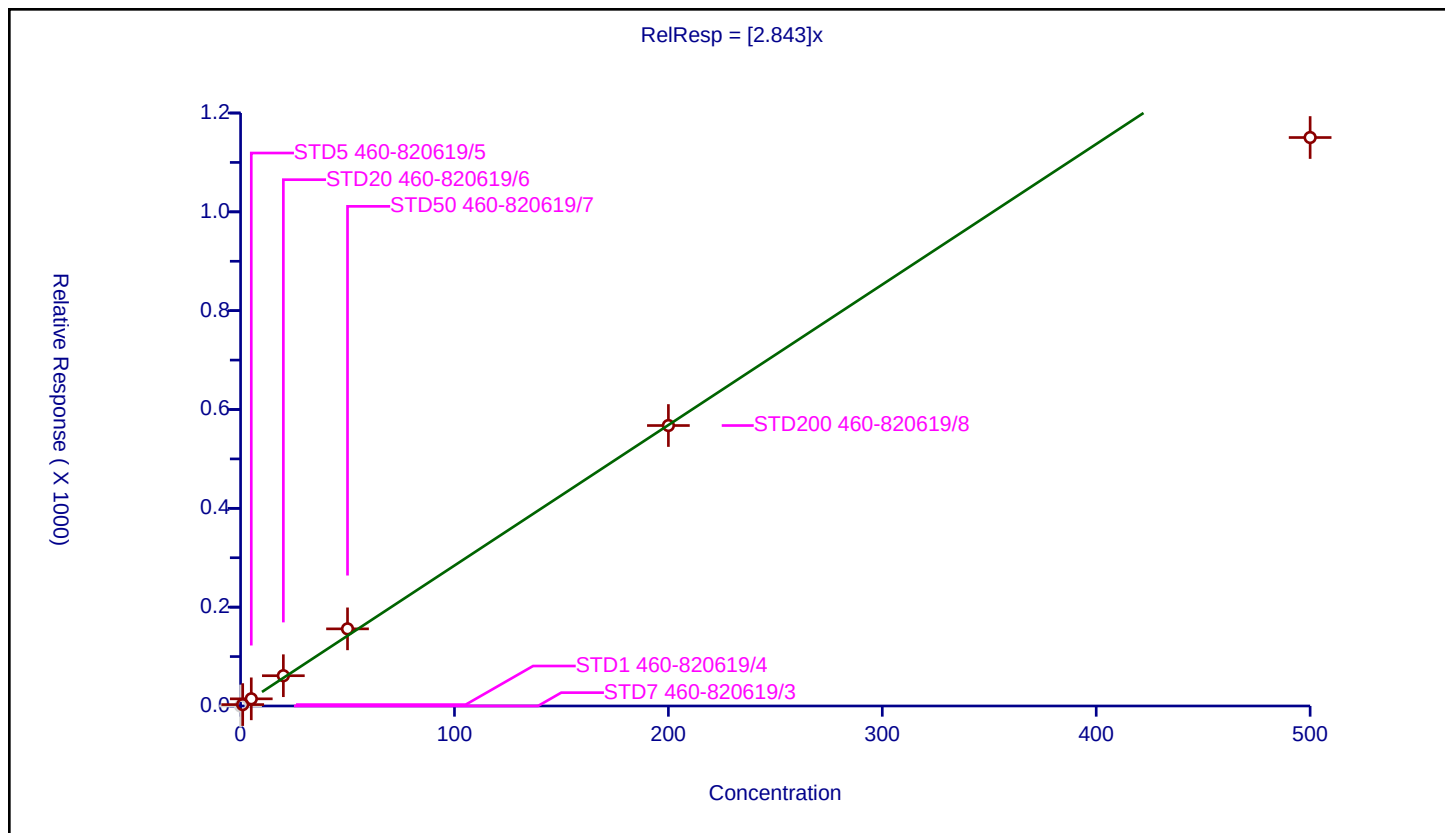
Curve Coefficients

Intercept: 0
Slope: 2.843

Error Coefficients

Standard Error: 2870000
Relative Standard Error: 10.2
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.837344	50.0	214373.0	2.837344	Y
3	STD5 460-820619/5	5.0	14.471626	50.0	210968.0	2.894325	Y
4	STD20 460-820619/6	20.0	61.295727	50.0	230087.0	3.064786	Y
5	STD50 460-820619/7	50.0	156.103993	50.0	225246.0	3.12208	Y
6	STD200 460-820619/8	200.0	567.553415	50.0	237478.0	2.837767	Y
7	STD500 460-820619/9	500.0	1150.422634	50.0	251518.0	2.300845	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

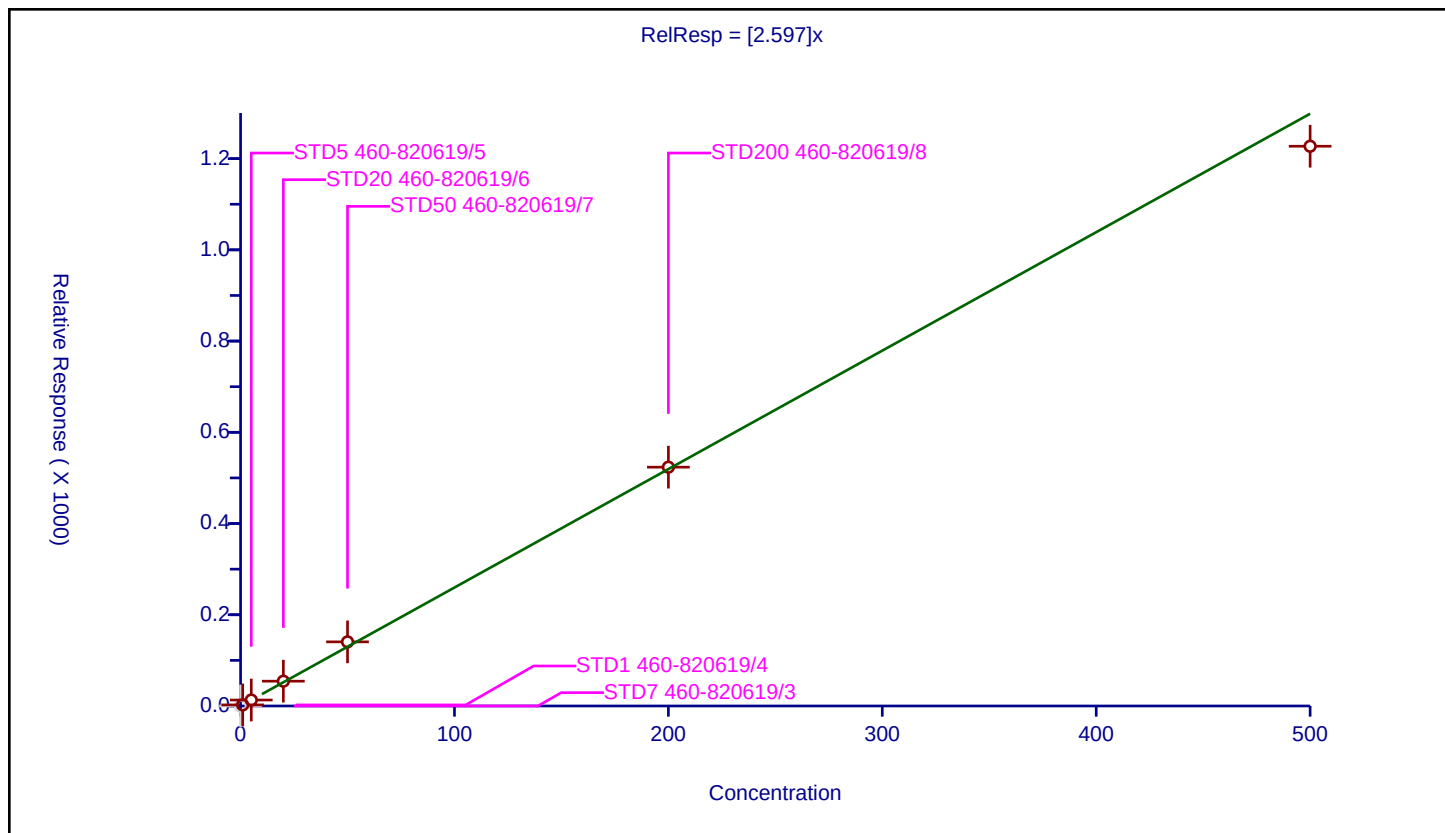
Curve Coefficients

Intercept: 0
 Slope: 2.597

Error Coefficients

Standard Error: 2990000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.359439	50.0	214373.0	2.359439	Y
3	STD5 460-820619/5	5.0	13.093218	50.0	210968.0	2.618644	Y
4	STD20 460-820619/6	20.0	54.384211	50.0	230087.0	2.719211	Y
5	STD50 460-820619/7	50.0	140.578079	50.0	225246.0	2.811562	Y
6	STD200 460-820619/8	200.0	523.578816	50.0	237478.0	2.617894	Y
7	STD500 460-820619/9	500.0	1227.127084	50.0	251518.0	2.454254	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

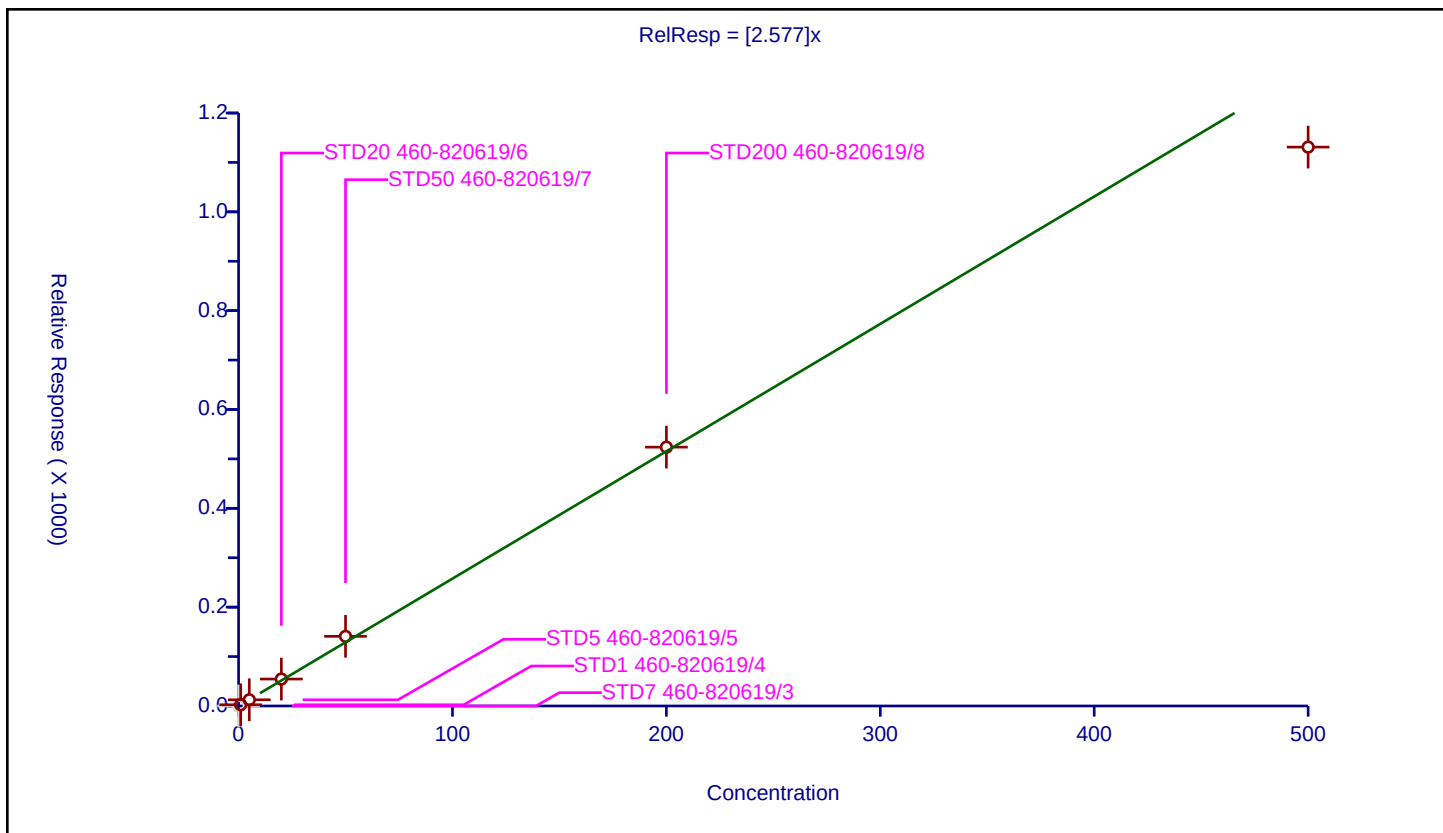
Curve Coefficients

Intercept: 0
 Slope: 2.577

Error Coefficients

Standard Error: 2790000
 Relative Standard Error: 7.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.52947	50.0	214373.0	2.52947	Y
3	STD5 460-820619/5	5.0	12.539342	50.0	210968.0	2.507868	Y
4	STD20 460-820619/6	20.0	54.537631	50.0	230087.0	2.726882	Y
5	STD50 460-820619/7	50.0	140.927253	50.0	225246.0	2.818545	Y
6	STD200 460-820619/8	200.0	523.808732	50.0	237478.0	2.619044	Y
7	STD500 460-820619/9	500.0	1131.012293	50.0	251518.0	2.262025	Y



Calibration

/ Butyl Methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

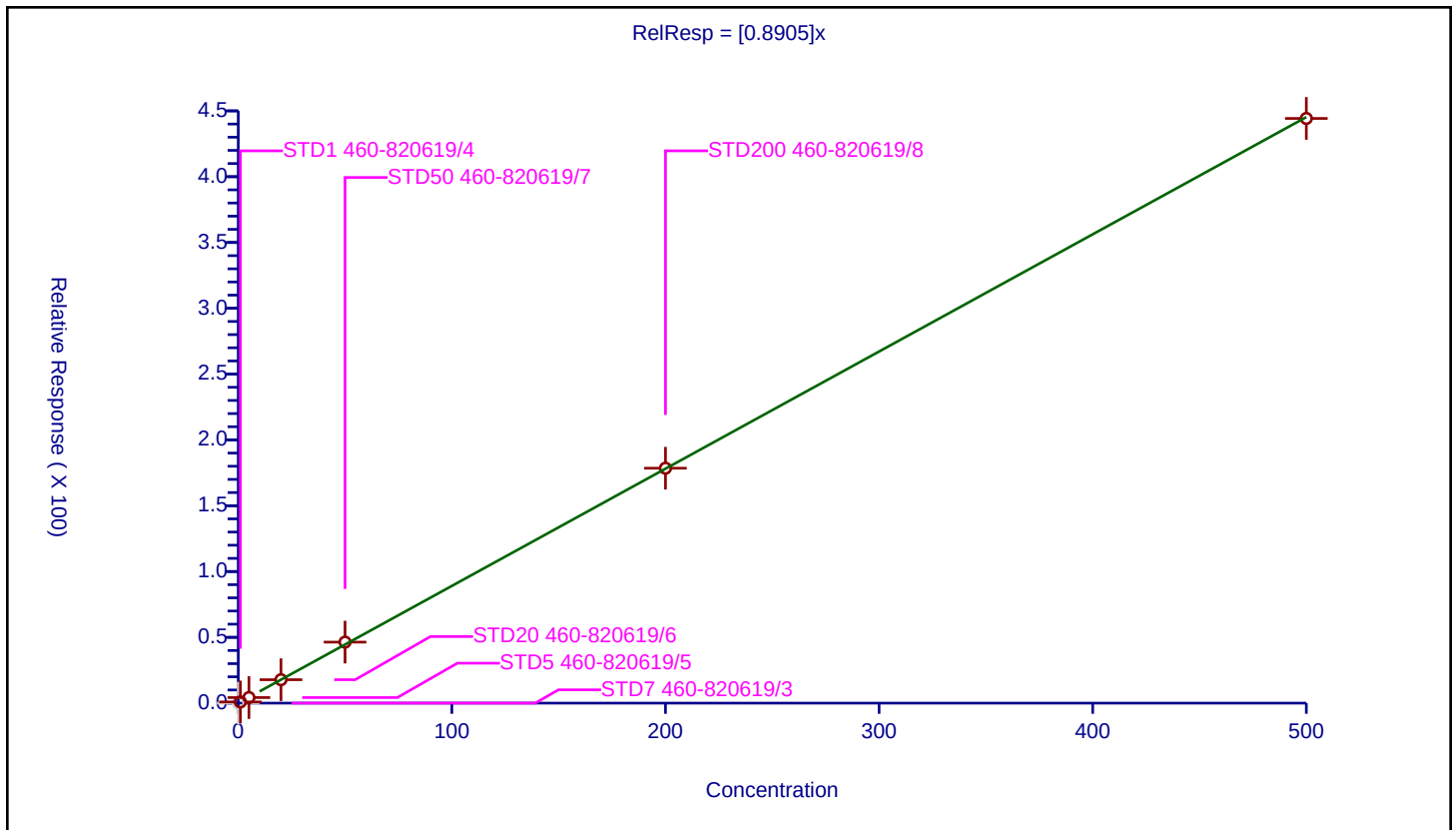
Curve Coefficients

Intercept: 0
 Slope: 0.8905

Error Coefficients

Standard Error: 1070000
 Relative Standard Error: 2.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	0.8996	50.0	214373.0	0.8996	Y
3	STD5 460-820619/5	5.0	4.230499	50.0	210968.0	0.8461	Y
4	STD20 460-820619/6	20.0	17.793921	50.0	230087.0	0.889696	Y
5	STD50 460-820619/7	50.0	46.343775	50.0	225246.0	0.926876	Y
6	STD200 460-820619/8	200.0	178.493797	50.0	237478.0	0.892469	Y
7	STD500 460-820619/9	500.0	444.261445	50.0	251518.0	0.888523	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

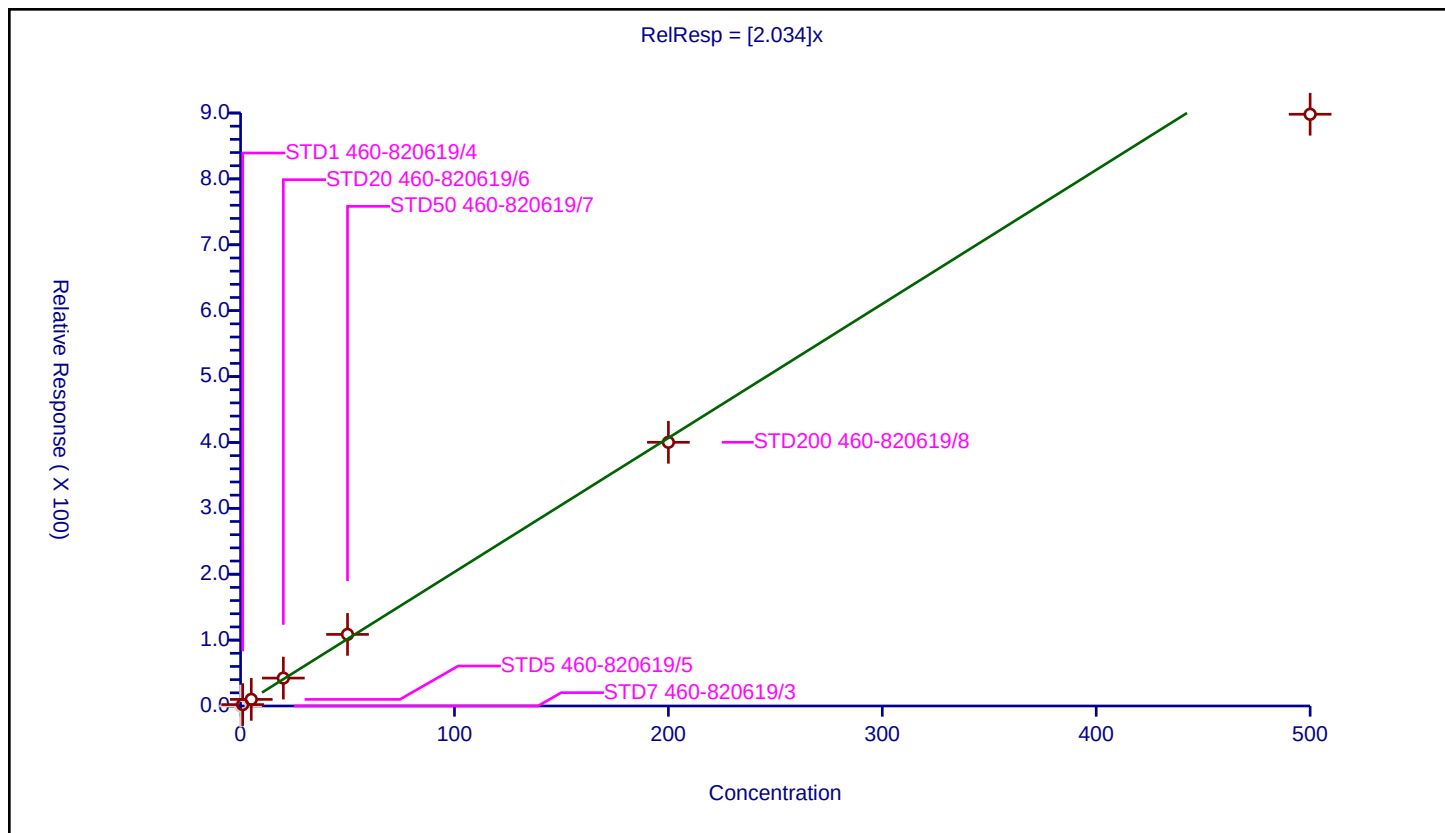
Curve Coefficients

Intercept: 0
 Slope: 2.034

Error Coefficients

Standard Error: 2200000
 Relative Standard Error: 6.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.114772	50.0	214373.0	2.114772	Y
3	STD5 460-820619/5	5.0	10.01313	50.0	210968.0	2.002626	Y
4	STD20 460-820619/6	20.0	42.338985	50.0	230087.0	2.116949	Y
5	STD50 460-820619/7	50.0	108.669854	50.0	225246.0	2.173397	Y
6	STD200 460-820619/8	200.0	400.218336	50.0	237478.0	2.001092	Y
7	STD500 460-820619/9	500.0	898.117829	50.0	251518.0	1.796236	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

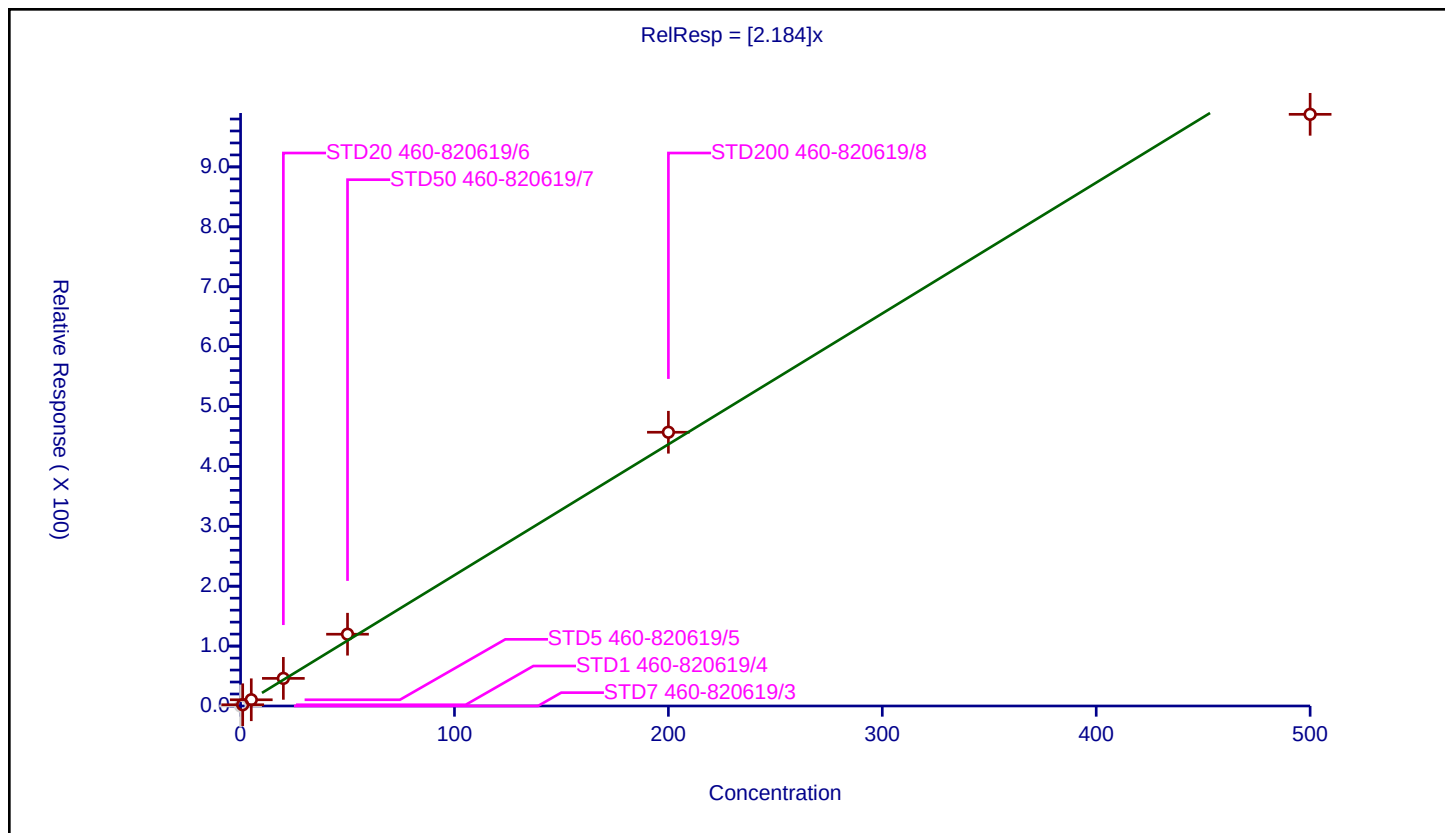
Curve Coefficients

Intercept: 0
 Slope: 2.184

Error Coefficients

Standard Error: 2440000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.06276	50.0	214373.0	2.06276	Y
3	STD5 460-820619/5	5.0	10.401814	50.0	210968.0	2.080363	Y
4	STD20 460-820619/6	20.0	46.10669	50.0	230087.0	2.305335	Y
5	STD50 460-820619/7	50.0	119.850519	50.0	225246.0	2.39701	Y
6	STD200 460-820619/8	200.0	457.0476	50.0	237478.0	2.285238	Y
7	STD500 460-820619/9	500.0	987.811608	50.0	251518.0	1.975623	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

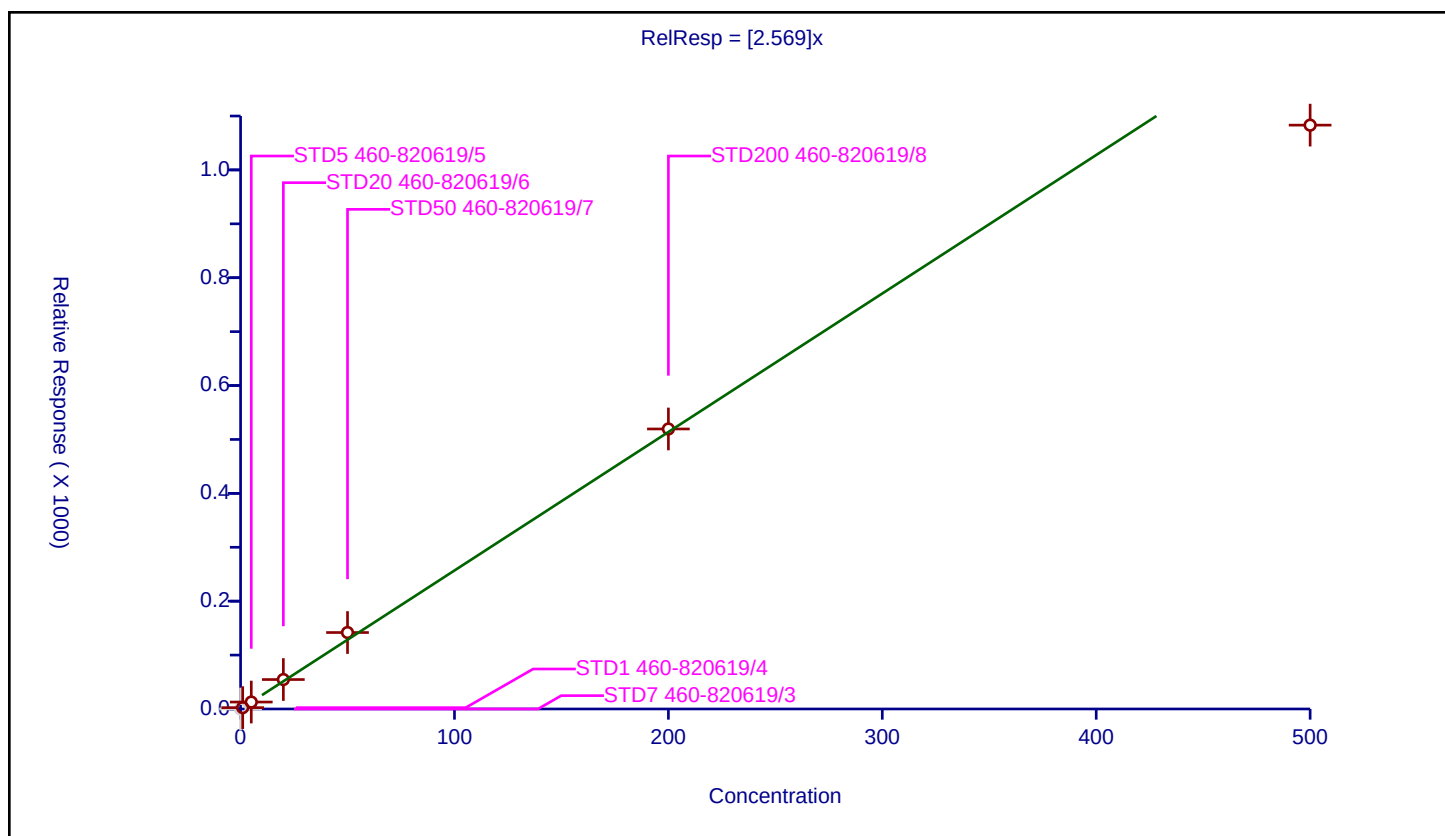
Curve Coefficients

Intercept: 0
Slope: 2.569

Error Coefficients

Standard Error: 2690000
Relative Standard Error: 9.0
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.503347	50.0	214373.0	2.503347	Y
3	STD5 460-820619/5	5.0	12.903616	50.0	210968.0	2.580723	Y
4	STD20 460-820619/6	20.0	54.615645	50.0	230087.0	2.730782	Y
5	STD50 460-820619/7	50.0	141.836481	50.0	225246.0	2.83673	Y
6	STD200 460-820619/8	200.0	519.43001	50.0	237478.0	2.59715	Y
7	STD500 460-820619/9	500.0	1083.075168	50.0	251518.0	2.16615	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

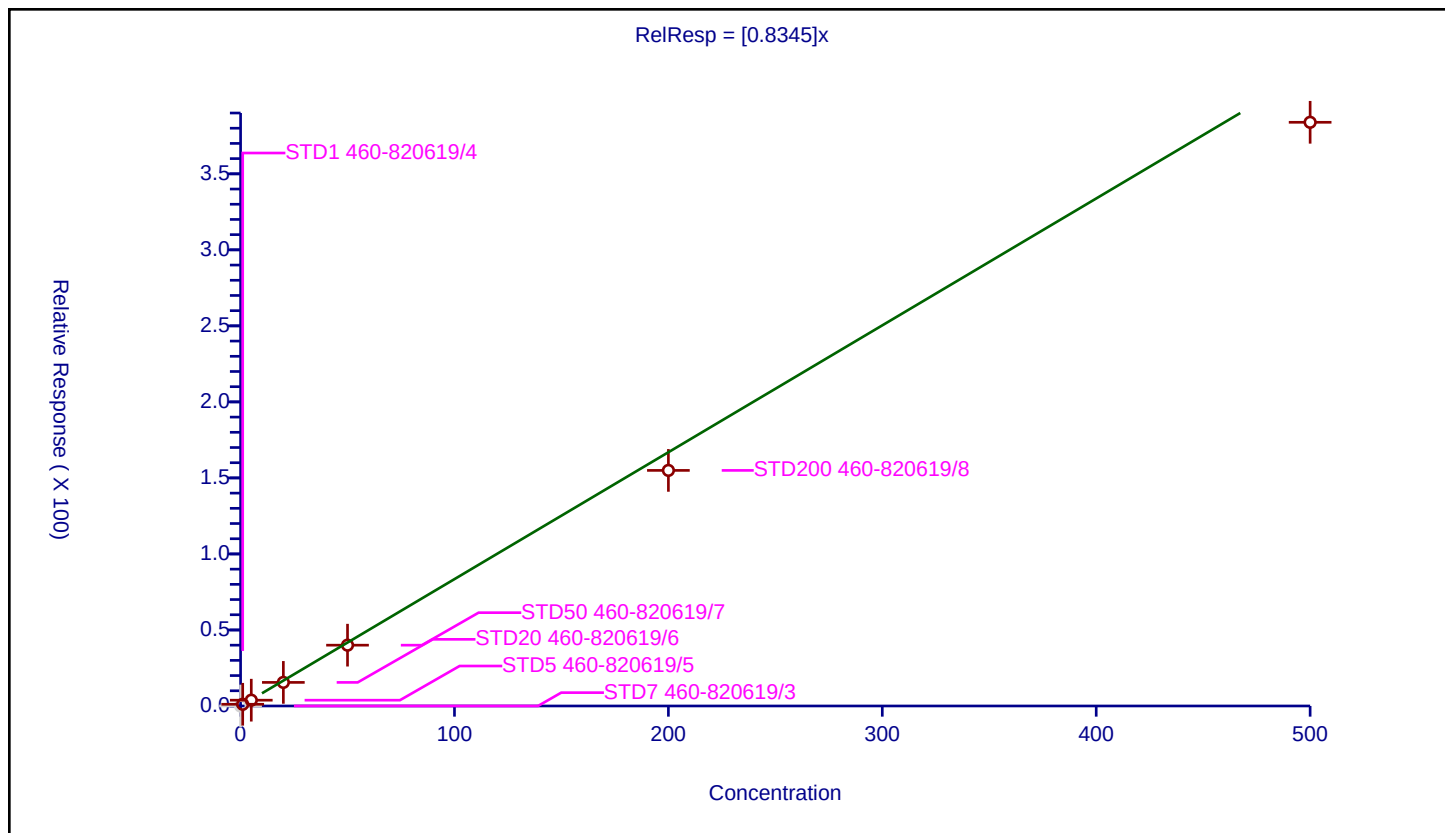
Curve Coefficients

Intercept: 0
 Slope: 0.8345

Error Coefficients

Standard Error: 928000
 Relative Standard Error: 17.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.126774	50.0	214373.0	1.126774	Y
3	STD5 460-820619/5	5.0	3.810531	50.0	210968.0	0.762106	Y
4	STD20 460-820619/6	20.0	15.514566	50.0	230087.0	0.775728	Y
5	STD50 460-820619/7	50.0	39.989833	50.0	225246.0	0.799797	Y
6	STD200 460-820619/8	200.0	154.93751	50.0	237478.0	0.774688	Y
7	STD500 460-820619/9	500.0	383.894592	50.0	251518.0	0.767789	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

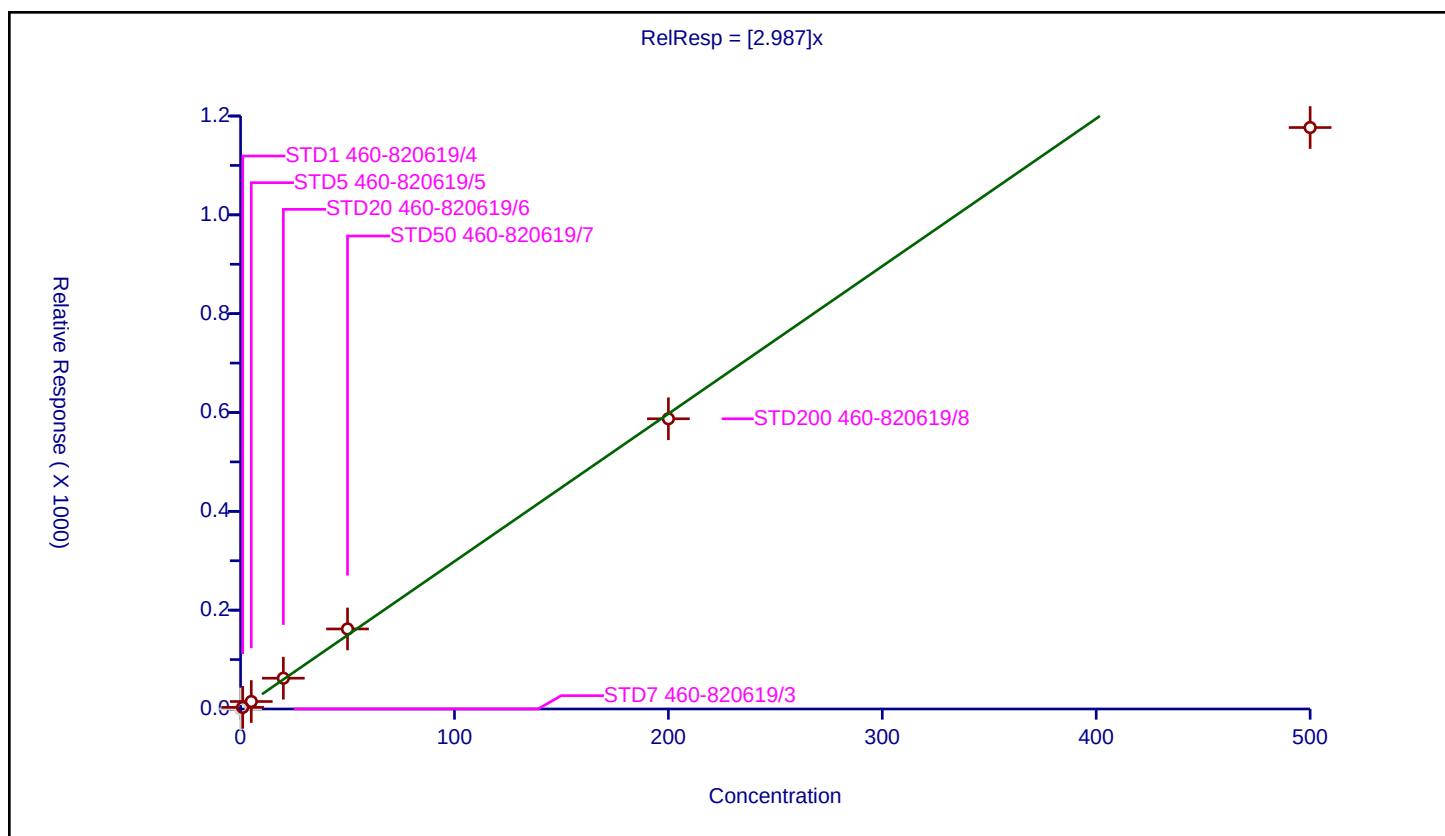
Curve Coefficients

Intercept: 0
Slope: 2.987

Error Coefficients

Standard Error: 2950000
Relative Standard Error: 11.2
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	3.255307	50.0	214373.0	3.255307	Y
3	STD5 460-820619/5	5.0	15.112245	50.0	210968.0	3.022449	Y
4	STD20 460-820619/6	20.0	62.301868	50.0	230087.0	3.115093	Y
5	STD50 460-820619/7	50.0	161.987338	50.0	225246.0	3.239747	Y
6	STD200 460-820619/8	200.0	587.344091	50.0	237478.0	2.93672	Y
7	STD500 460-820619/9	500.0	1176.66827	50.0	251518.0	2.353337	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

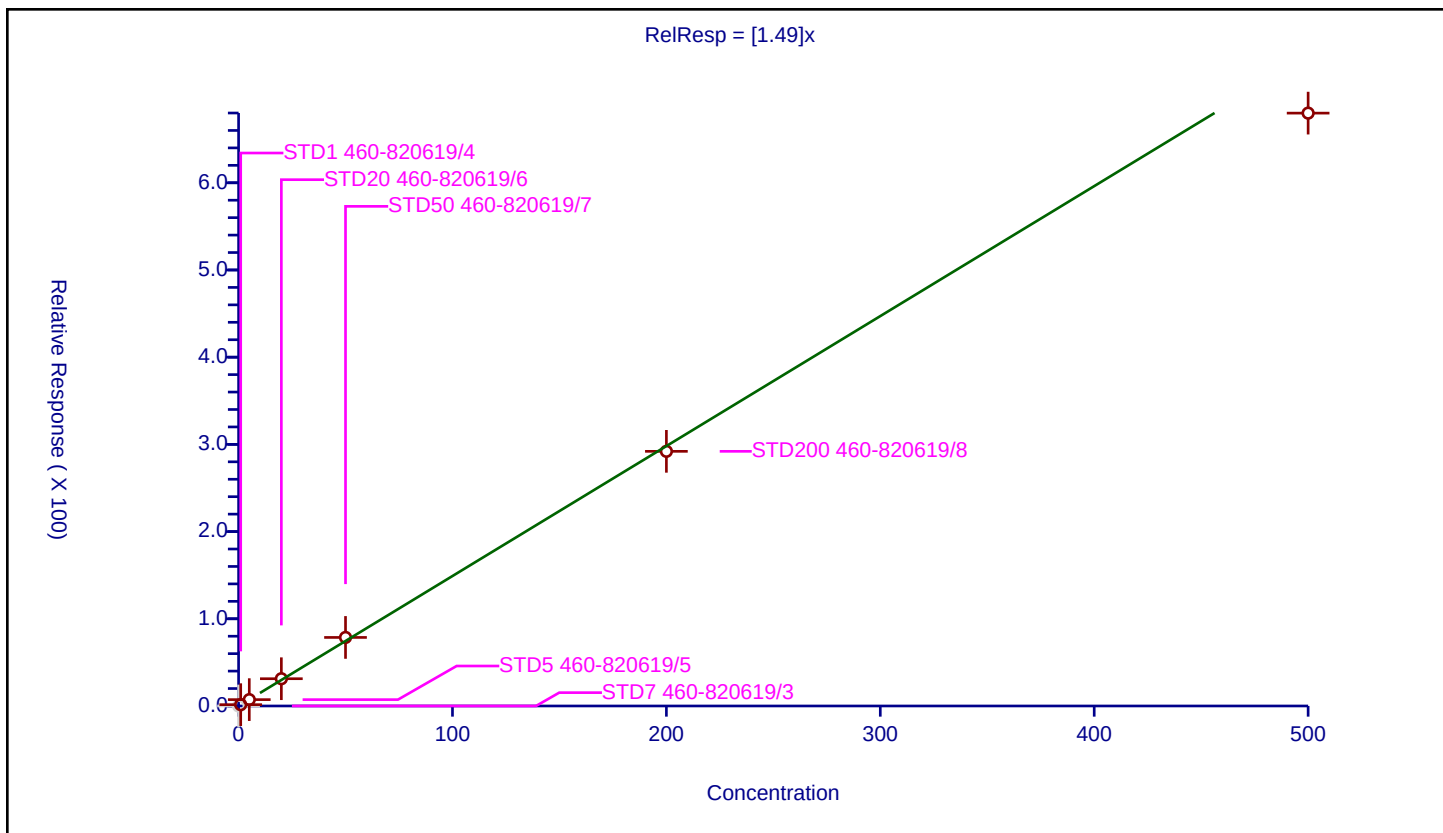
Curve Coefficients

Intercept: 0
 Slope: 1.49

Error Coefficients

Standard Error: 1660000
 Relative Standard Error: 5.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.528178	50.0	214373.0	1.528178	Y
3	STD5 460-820619/5	5.0	7.293286	50.0	210968.0	1.458657	Y
4	STD20 460-820619/6	20.0	31.264913	50.0	230087.0	1.563246	Y
5	STD50 460-820619/7	50.0	78.614049	50.0	225246.0	1.572281	Y
6	STD200 460-820619/8	200.0	292.031472	50.0	237478.0	1.460157	Y
7	STD500 460-820619/9	500.0	679.887324	50.0	251518.0	1.359775	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

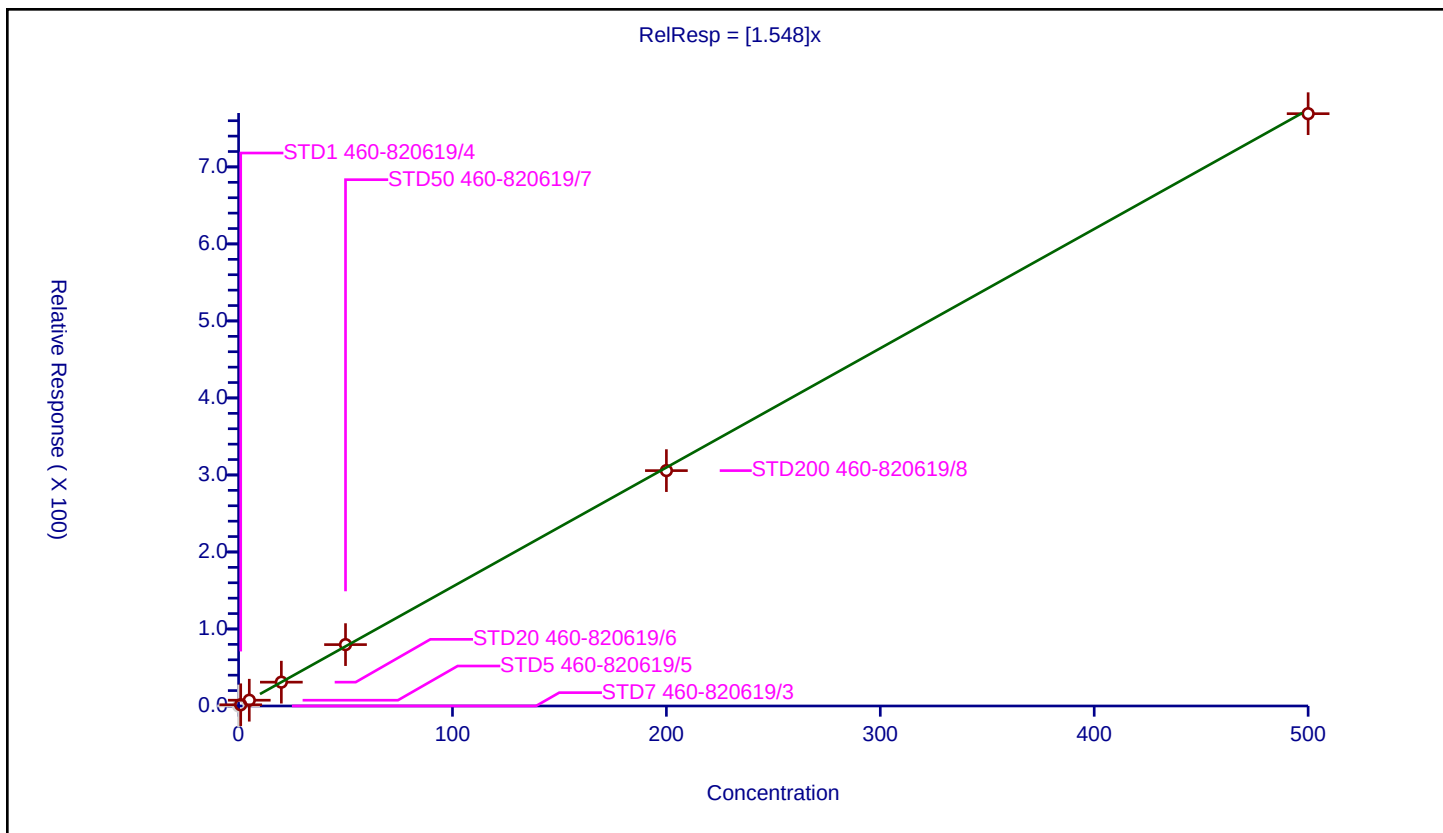
Curve Coefficients

Intercept: 0
 Slope: 1.548

Error Coefficients

Standard Error: 1860000
 Relative Standard Error: 2.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.581123	50.0	214373.0	1.581123	Y
3	STD5 460-820619/5	5.0	7.50493	50.0	210968.0	1.500986	Y
4	STD20 460-820619/6	20.0	30.954813	50.0	230087.0	1.547741	Y
5	STD50 460-820619/7	50.0	79.711737	50.0	225246.0	1.594235	Y
6	STD200 460-820619/8	200.0	305.648313	50.0	237478.0	1.528242	Y
7	STD500 460-820619/9	500.0	769.138789	50.0	251518.0	1.538278	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

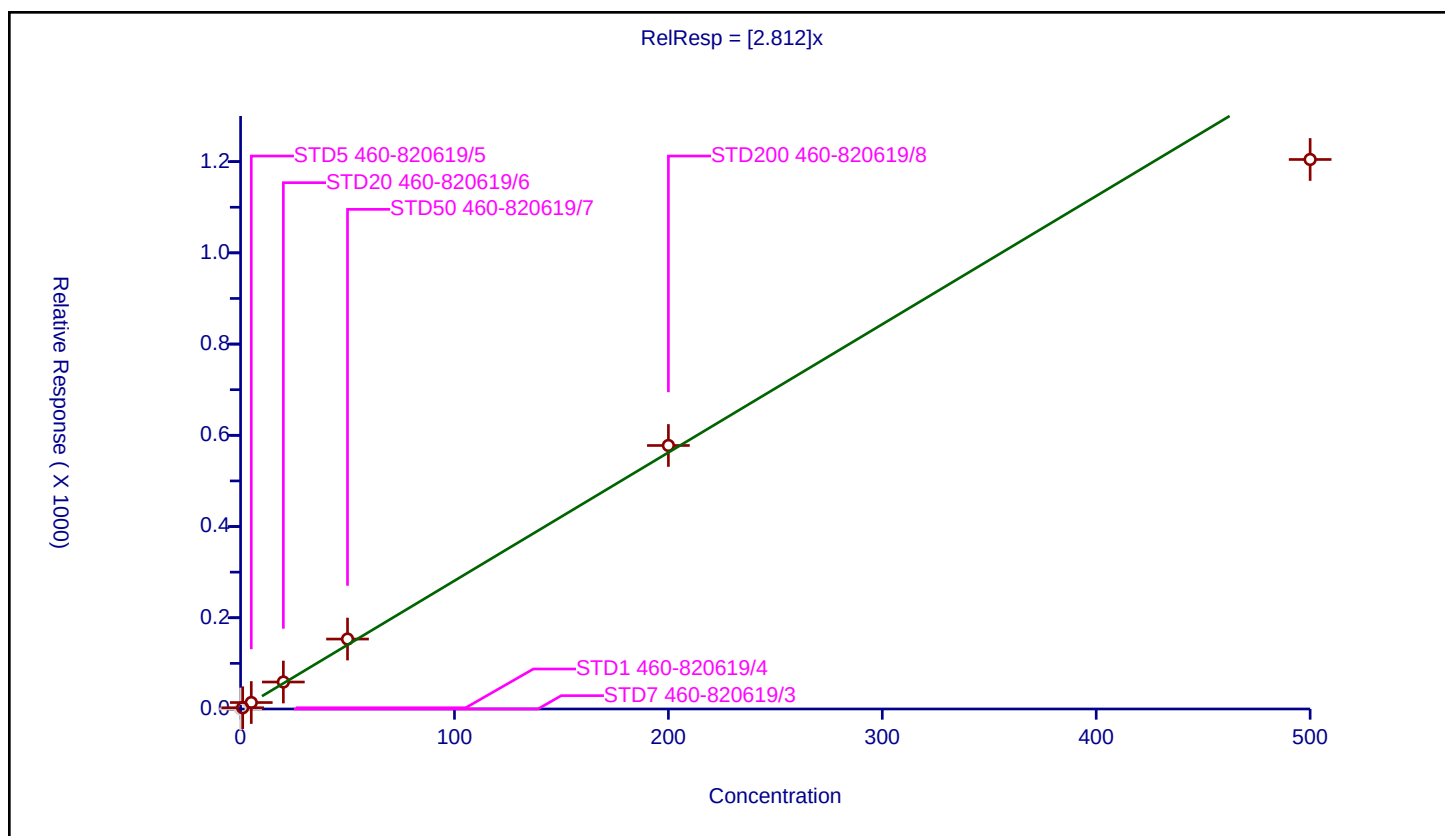
Curve Coefficients

Intercept: 0
 Slope: 2.812

Error Coefficients

Standard Error: 2990000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.717693	50.0	214373.0	2.717693	Y
3	STD5 460-820619/5	5.0	14.152383	50.0	210968.0	2.830477	Y
4	STD20 460-820619/6	20.0	59.15545	50.0	230087.0	2.957772	Y
5	STD50 460-820619/7	50.0	153.290402	50.0	225246.0	3.065808	Y
6	STD200 460-820619/8	200.0	577.687407	50.0	237478.0	2.888437	Y
7	STD500 460-820619/9	500.0	1204.713579	50.0	251518.0	2.409427	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

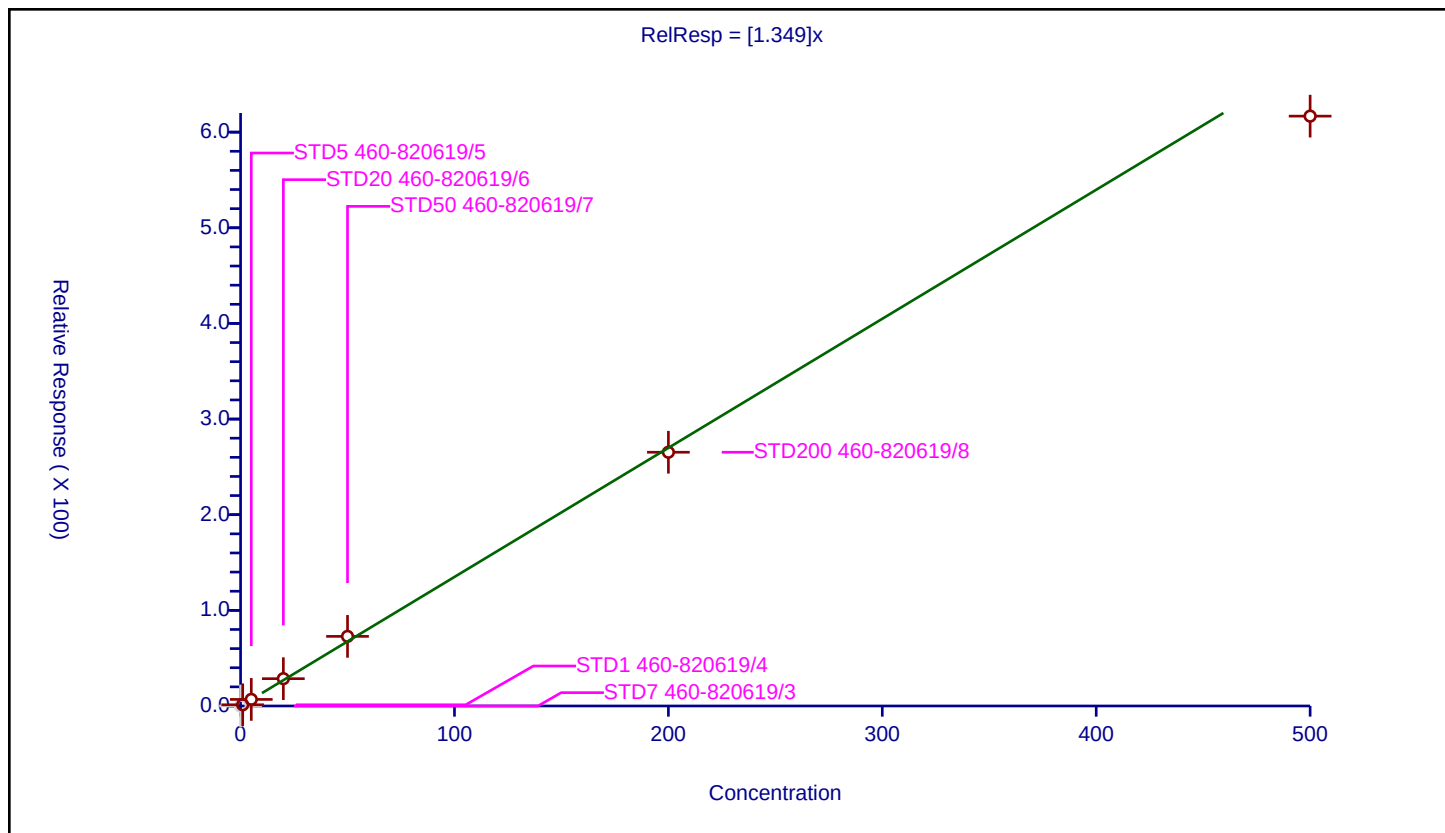
Curve Coefficients

Intercept: 0
Slope: 1.349

Error Coefficients

Standard Error: 1510000
Relative Standard Error: 6.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.280945	50.0	214373.0	1.280945	Y
3	STD5 460-820619/5	5.0	6.859571	50.0	210968.0	1.371914	Y
4	STD20 460-820619/6	20.0	28.558111	50.0	230087.0	1.427906	Y
5	STD50 460-820619/7	50.0	72.7842	50.0	225246.0	1.455684	Y
6	STD200 460-820619/8	200.0	265.308997	50.0	237478.0	1.326545	Y
7	STD500 460-820619/9	500.0	616.746515	50.0	251518.0	1.233493	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

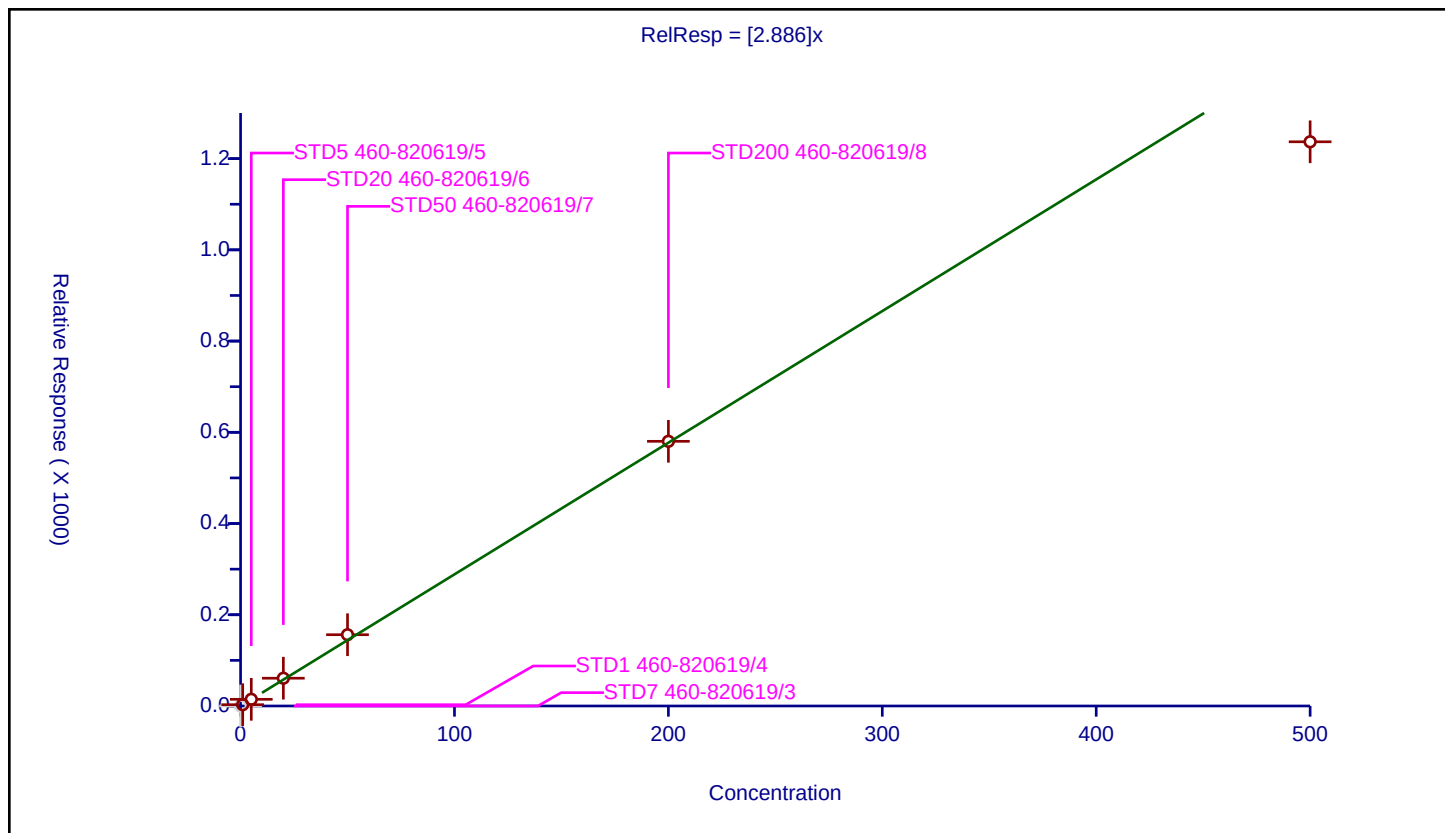
Curve Coefficients

Intercept: 0
 Slope: 2.886

Error Coefficients

Standard Error: 3060000
 Relative Standard Error: 7.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.843408	50.0	214373.0	2.843408	Y
3	STD5 460-820619/5	5.0	14.638476	50.0	210968.0	2.927695	Y
4	STD20 460-820619/6	20.0	60.881971	50.0	230087.0	3.044099	Y
5	STD50 460-820619/7	50.0	156.229855	50.0	225246.0	3.124597	Y
6	STD200 460-820619/8	200.0	580.284279	50.0	237478.0	2.901421	Y
7	STD500 460-820619/9	500.0	1236.946262	50.0	251518.0	2.473893	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

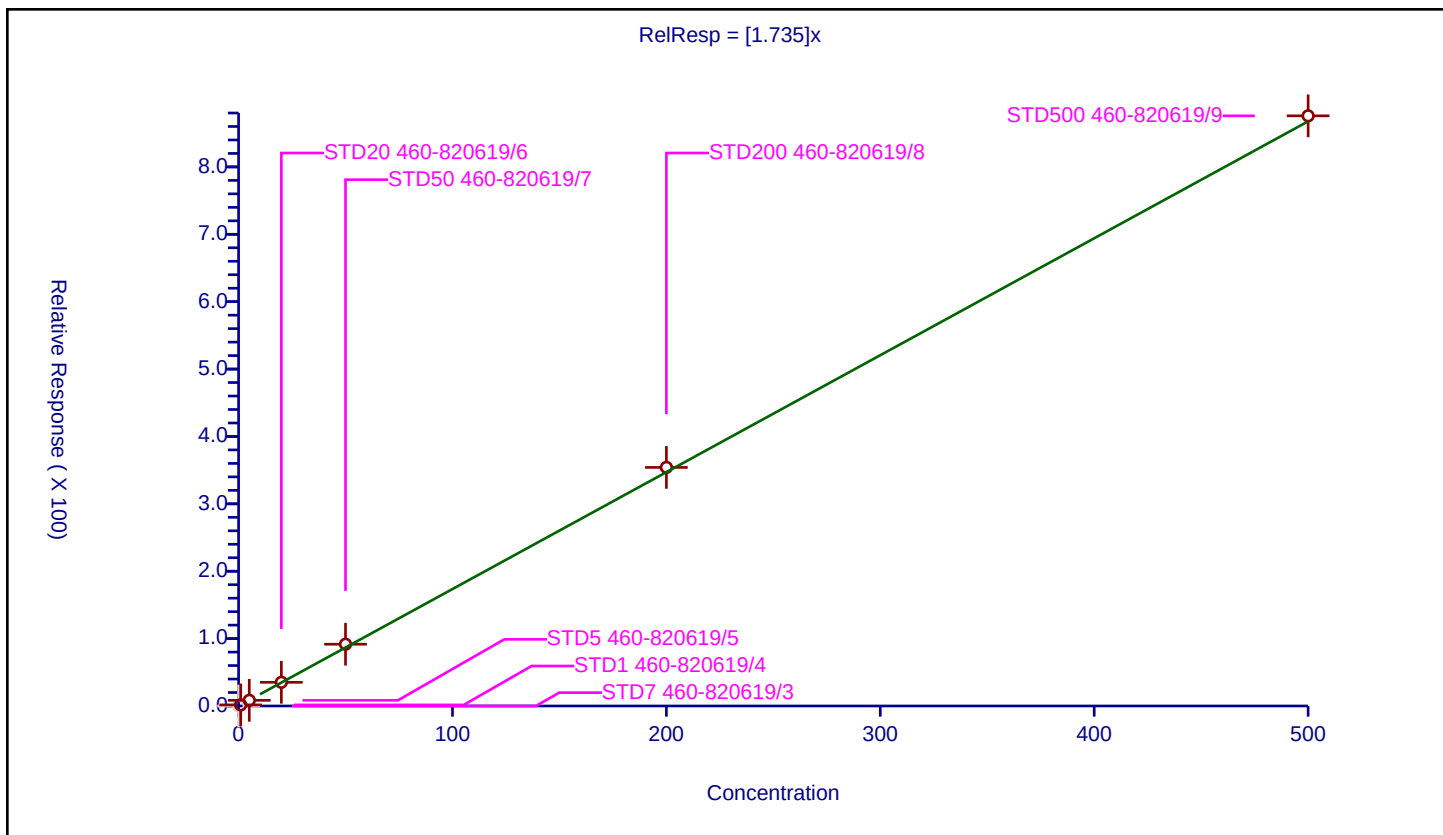
Curve Coefficients

Intercept: 0
 Slope: 1.735

Error Coefficients

Standard Error: 2120000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.614242	50.0	214373.0	1.614242	Y
3	STD5 460-820619/5	5.0	8.411228	50.0	210968.0	1.682246	Y
4	STD20 460-820619/6	20.0	35.179954	50.0	230087.0	1.758998	Y
5	STD50 460-820619/7	50.0	91.692638	50.0	225246.0	1.833853	Y
6	STD200 460-820619/8	200.0	354.06564	50.0	237478.0	1.770328	Y
7	STD500 460-820619/9	500.0	875.810876	50.0	251518.0	1.751622	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

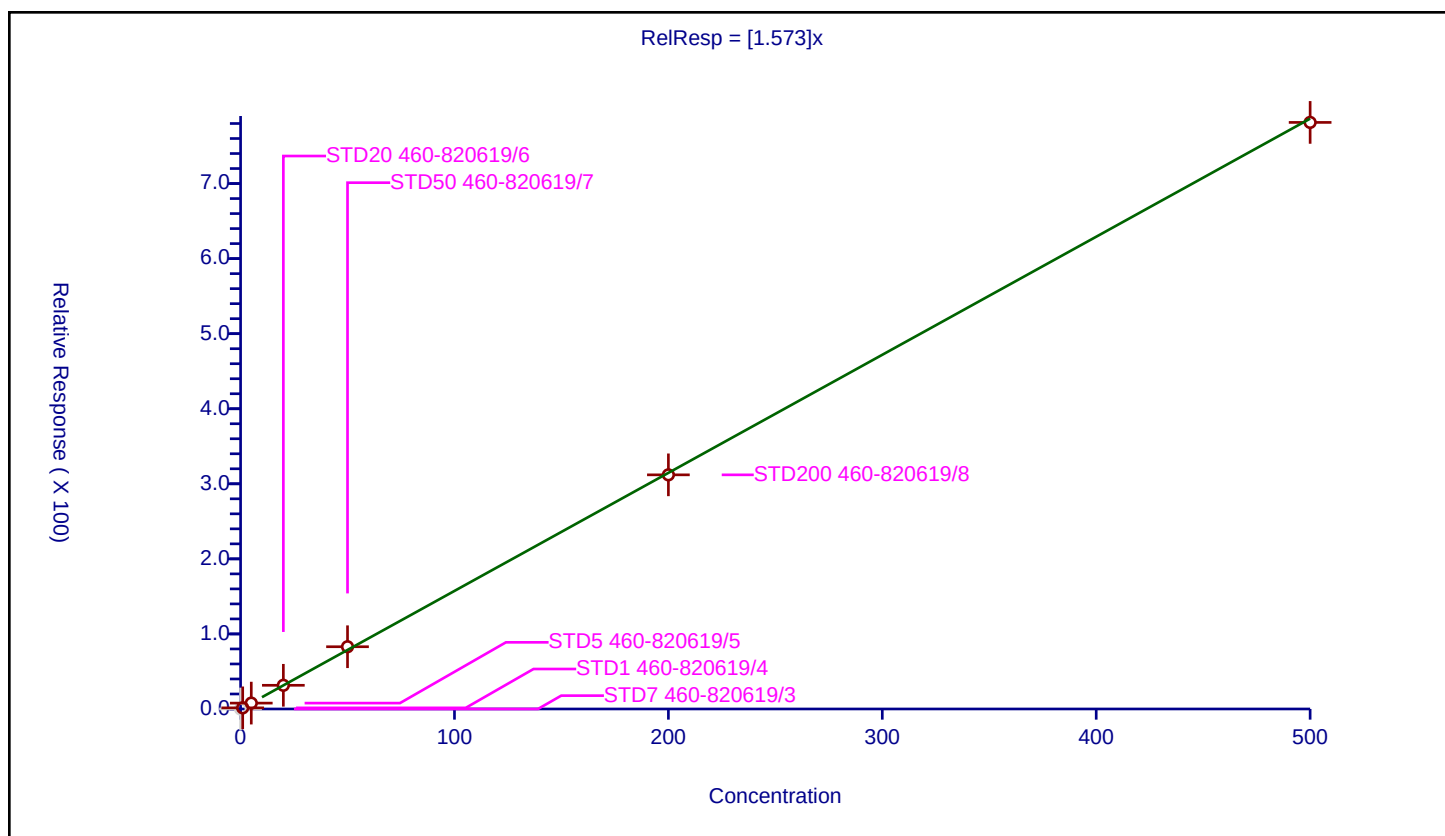
Curve Coefficients

Intercept: 0
 Slope: 1.573

Error Coefficients

Standard Error: 1890000
 Relative Standard Error: 3.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.509752	50.0	214373.0	1.509752	Y
3	STD5 460-820619/5	5.0	7.842422	50.0	210968.0	1.568484	Y
4	STD20 460-820619/6	20.0	31.562626	50.0	230087.0	1.578131	Y
5	STD50 460-820619/7	50.0	82.935768	50.0	225246.0	1.658715	Y
6	STD200 460-820619/8	200.0	311.948054	50.0	237478.0	1.55974	Y
7	STD500 460-820619/9	500.0	781.480848	50.0	251518.0	1.562962	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

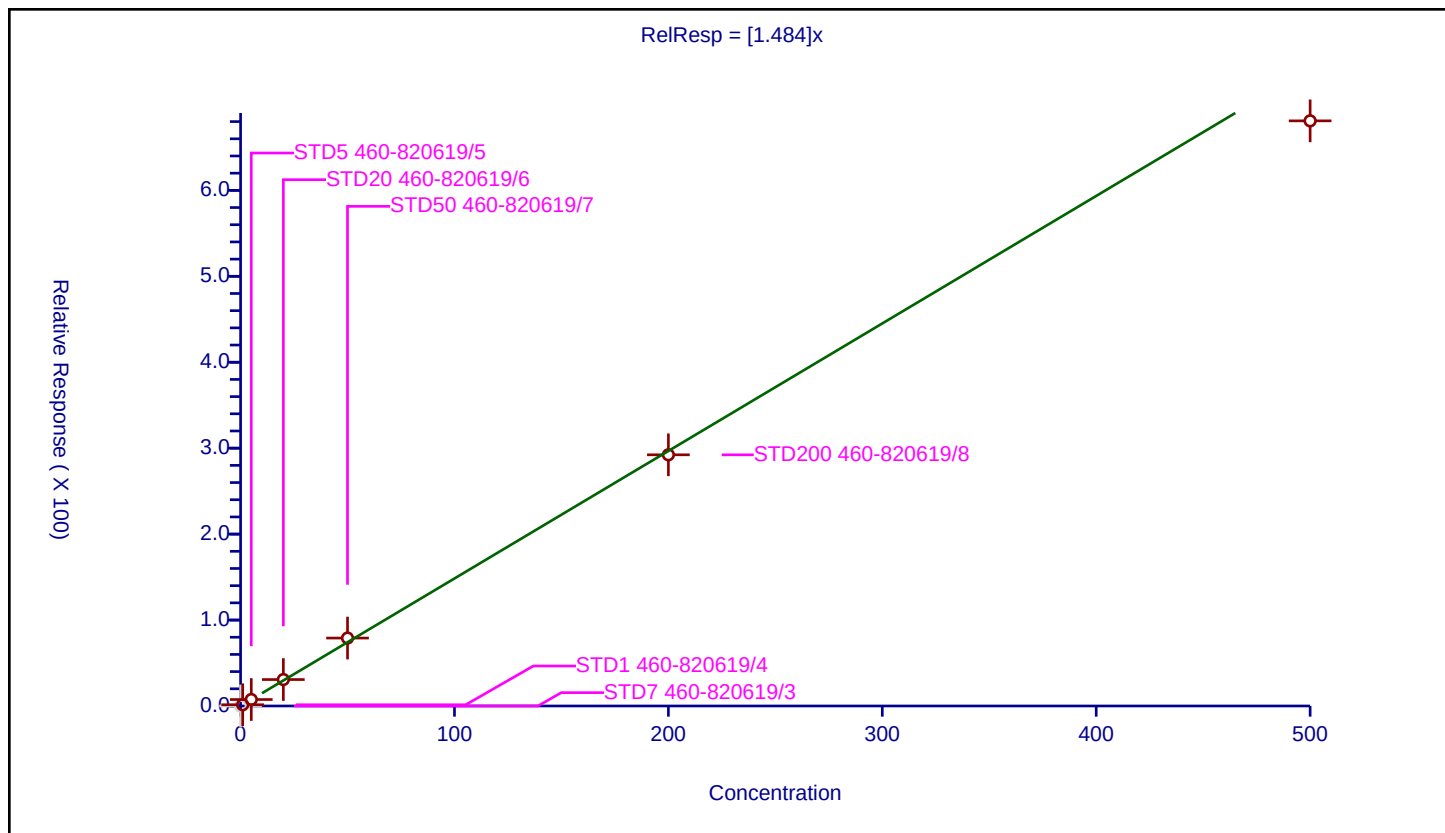
Curve Coefficients

Intercept: 0
 Slope: 1.484

Error Coefficients

Standard Error: 1660000
 Relative Standard Error: 5.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.454474	50.0	214373.0	1.454474	Y
3	STD5 460-820619/5	5.0	7.526023	50.0	210968.0	1.505205	Y
4	STD20 460-820619/6	20.0	30.777489	50.0	230087.0	1.538874	Y
5	STD50 460-820619/7	50.0	79.045133	50.0	225246.0	1.580903	Y
6	STD200 460-820619/8	200.0	292.276337	50.0	237478.0	1.461382	Y
7	STD500 460-820619/9	500.0	680.887451	50.0	251518.0	1.361775	Y



Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

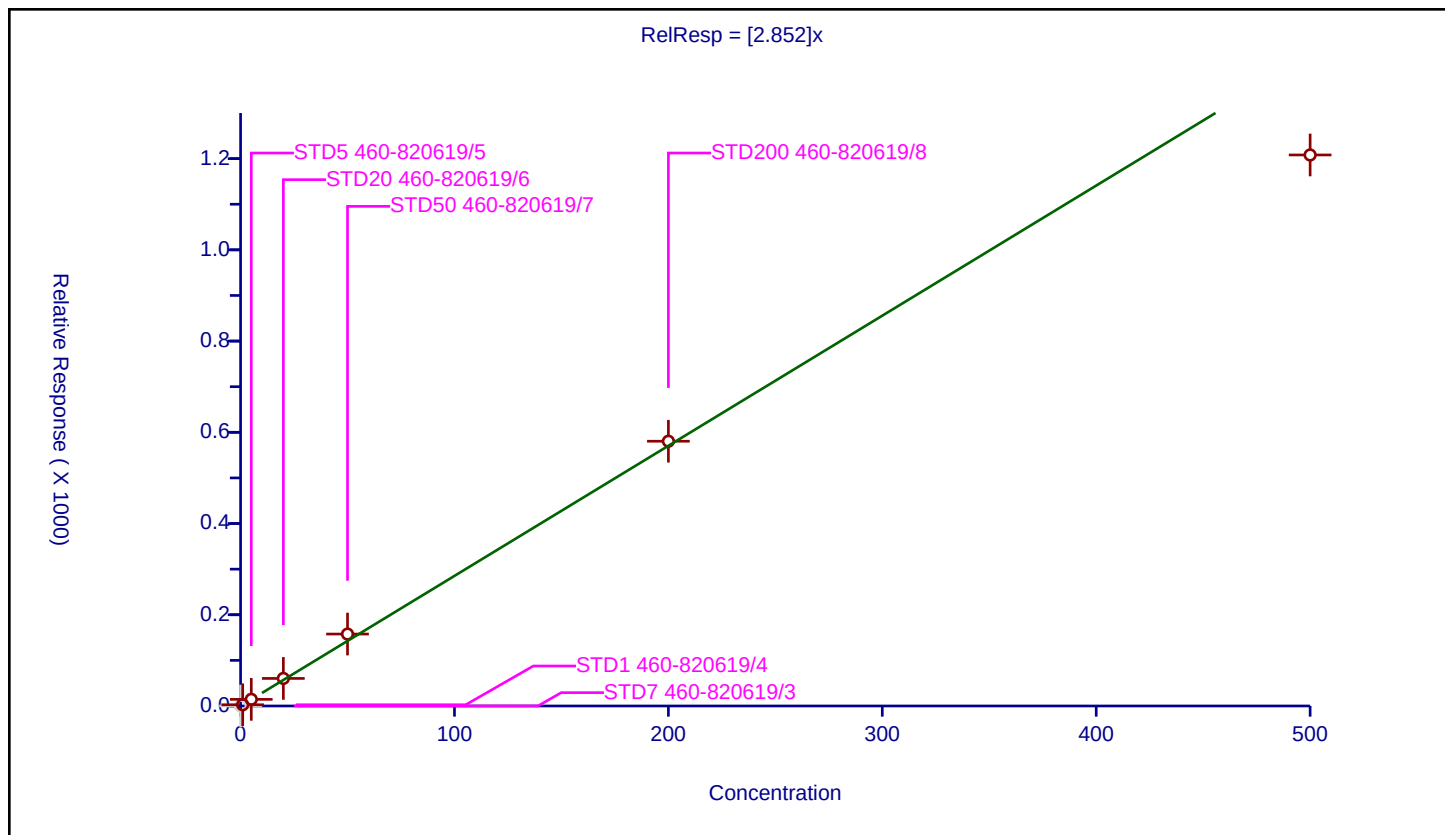
Curve Coefficients

Intercept: 0
 Slope: 2.852

Error Coefficients

Standard Error: 3000000
 Relative Standard Error: 9.1
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.713495	50.0	214373.0	2.713495	Y
3	STD5 460-820619/5	5.0	14.540594	50.0	210968.0	2.908119	Y
4	STD20 460-820619/6	20.0	60.393243	50.0	230087.0	3.019662	Y
5	STD50 460-820619/7	50.0	157.696918	50.0	225246.0	3.153938	Y
6	STD200 460-820619/8	200.0	580.453768	50.0	237478.0	2.902269	Y
7	STD500 460-820619/9	500.0	1208.030042	50.0	251518.0	2.41606	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

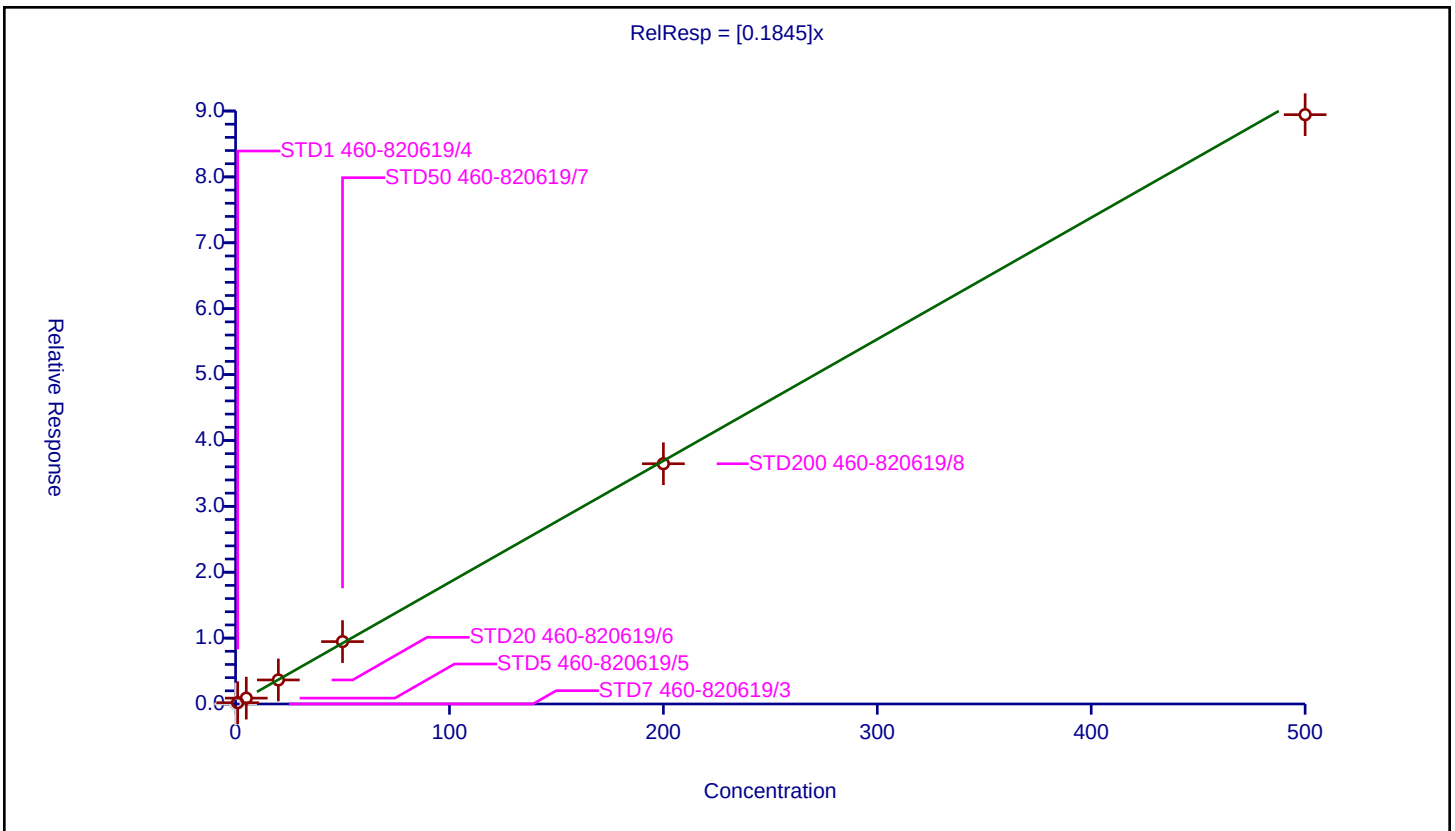
Curve Coefficients

Intercept: 0
 Slope: 0.1845

Error Coefficients

Standard Error: 217000
 Relative Standard Error: 3.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	0.196153	50.0	214373.0	0.196153	Y
3	STD5 460-820619/5	5.0	0.889945	50.0	210968.0	0.177989	Y
4	STD20 460-820619/6	20.0	3.649489	50.0	230087.0	0.182474	Y
5	STD50 460-820619/7	50.0	9.469647	50.0	225246.0	0.189393	Y
6	STD200 460-820619/8	200.0	36.465273	50.0	237478.0	0.182326	Y
7	STD500 460-820619/9	500.0	89.444095	50.0	251518.0	0.178888	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

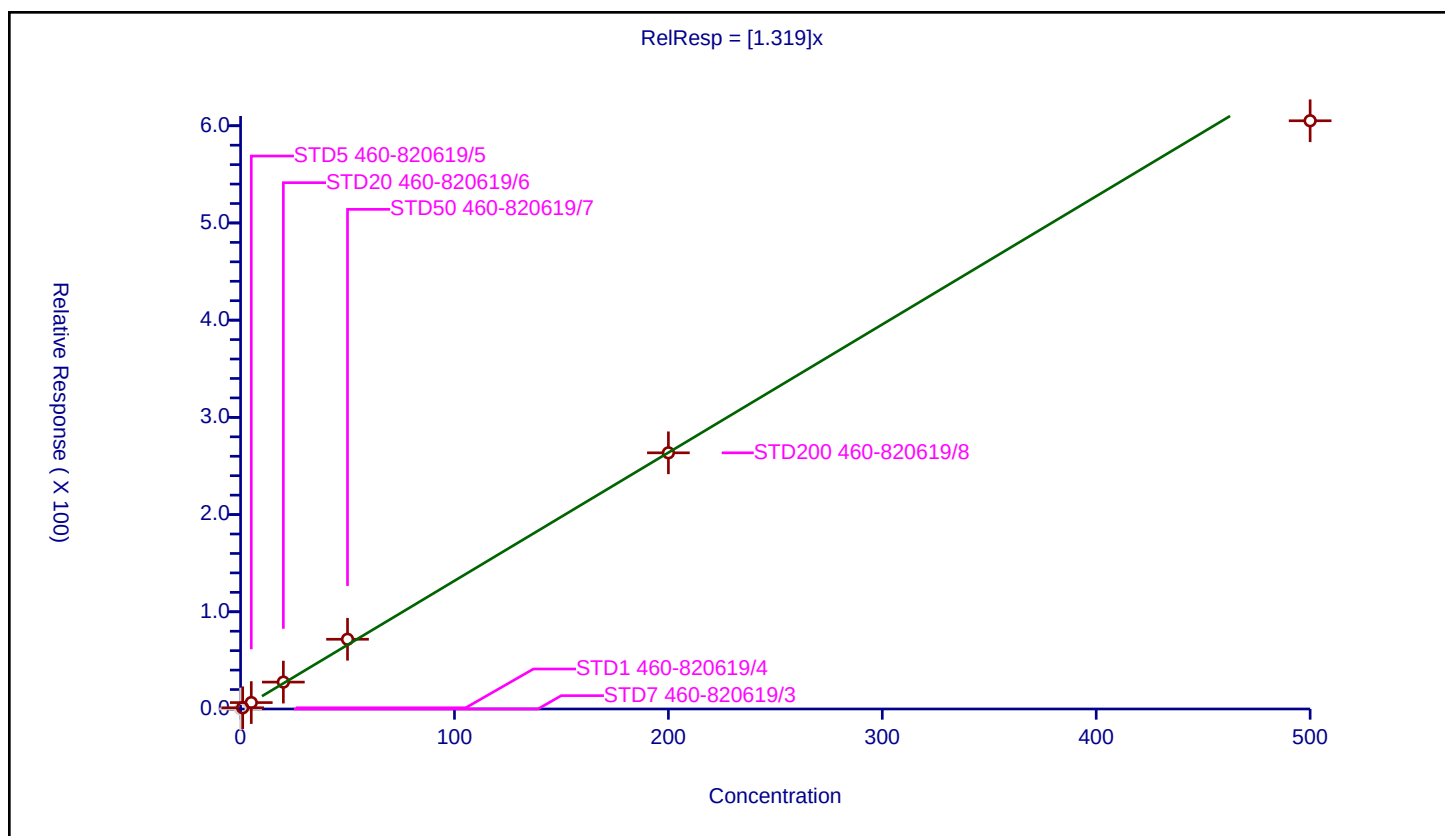
Curve Coefficients

Intercept: 0
 Slope: 1.319

Error Coefficients

Standard Error: 1480000
 Relative Standard Error: 6.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.245493	50.0	214373.0	1.245493	Y
3	STD5 460-820619/5	5.0	6.607163	50.0	210968.0	1.321433	Y
4	STD20 460-820619/6	20.0	27.657364	50.0	230087.0	1.382868	Y
5	STD50 460-820619/7	50.0	71.722472	50.0	225246.0	1.434449	Y
6	STD200 460-820619/8	200.0	263.515778	50.0	237478.0	1.317579	Y
7	STD500 460-820619/9	500.0	605.119316	50.0	251518.0	1.210239	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

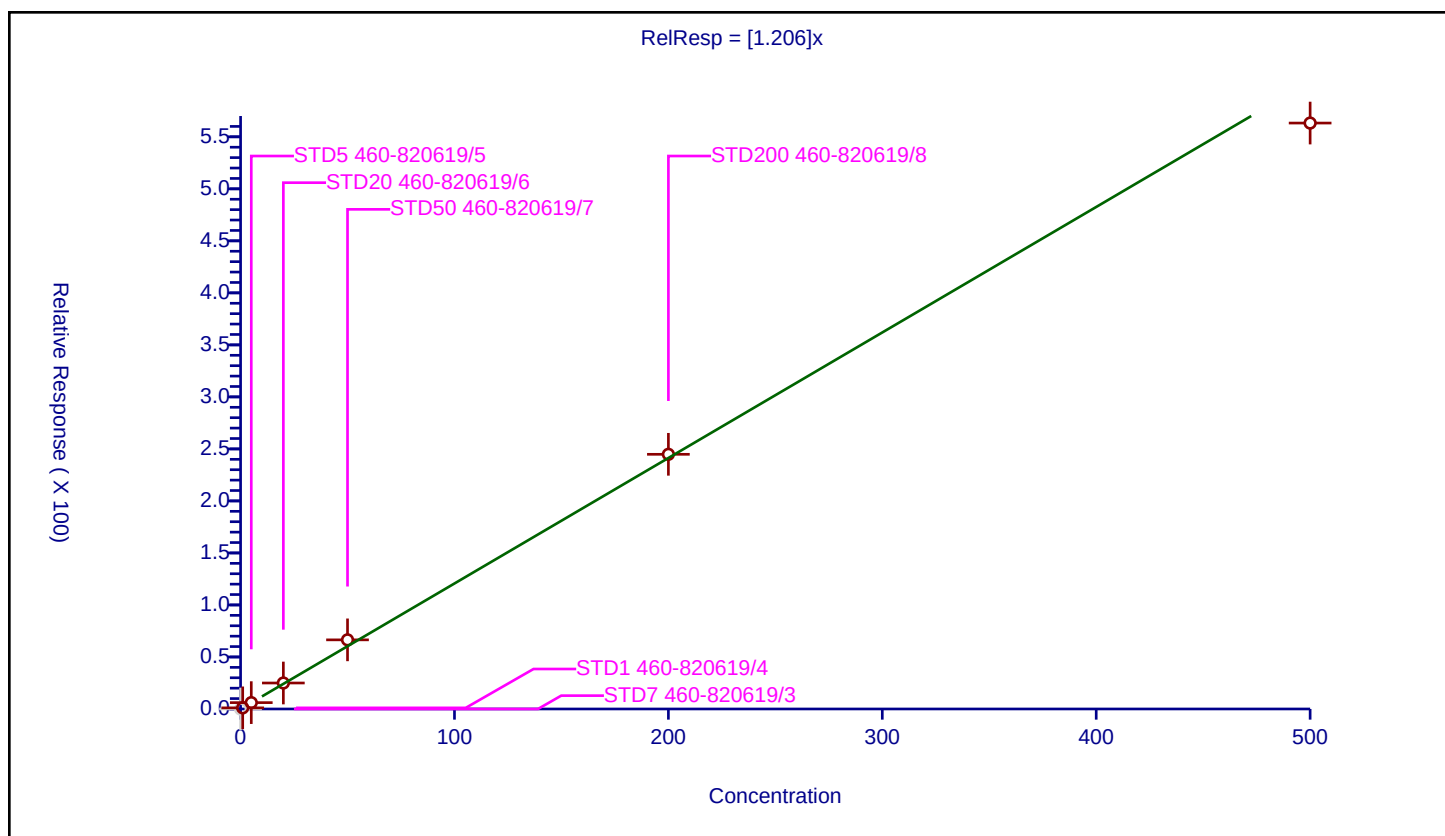
Curve Coefficients

Intercept: 0
 Slope: 1.206

Error Coefficients

Standard Error: 1380000
 Relative Standard Error: 7.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.08899	50.0	214373.0	1.08899	Y
3	STD5 460-820619/5	5.0	6.101873	50.0	210968.0	1.220375	Y
4	STD20 460-820619/6	20.0	24.99033	50.0	230087.0	1.249516	Y
5	STD50 460-820619/7	50.0	66.458894	50.0	225246.0	1.329178	Y
6	STD200 460-820619/8	200.0	244.80794	50.0	237478.0	1.22404	Y
7	STD500 460-820619/9	500.0	563.237422	50.0	251518.0	1.126475	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

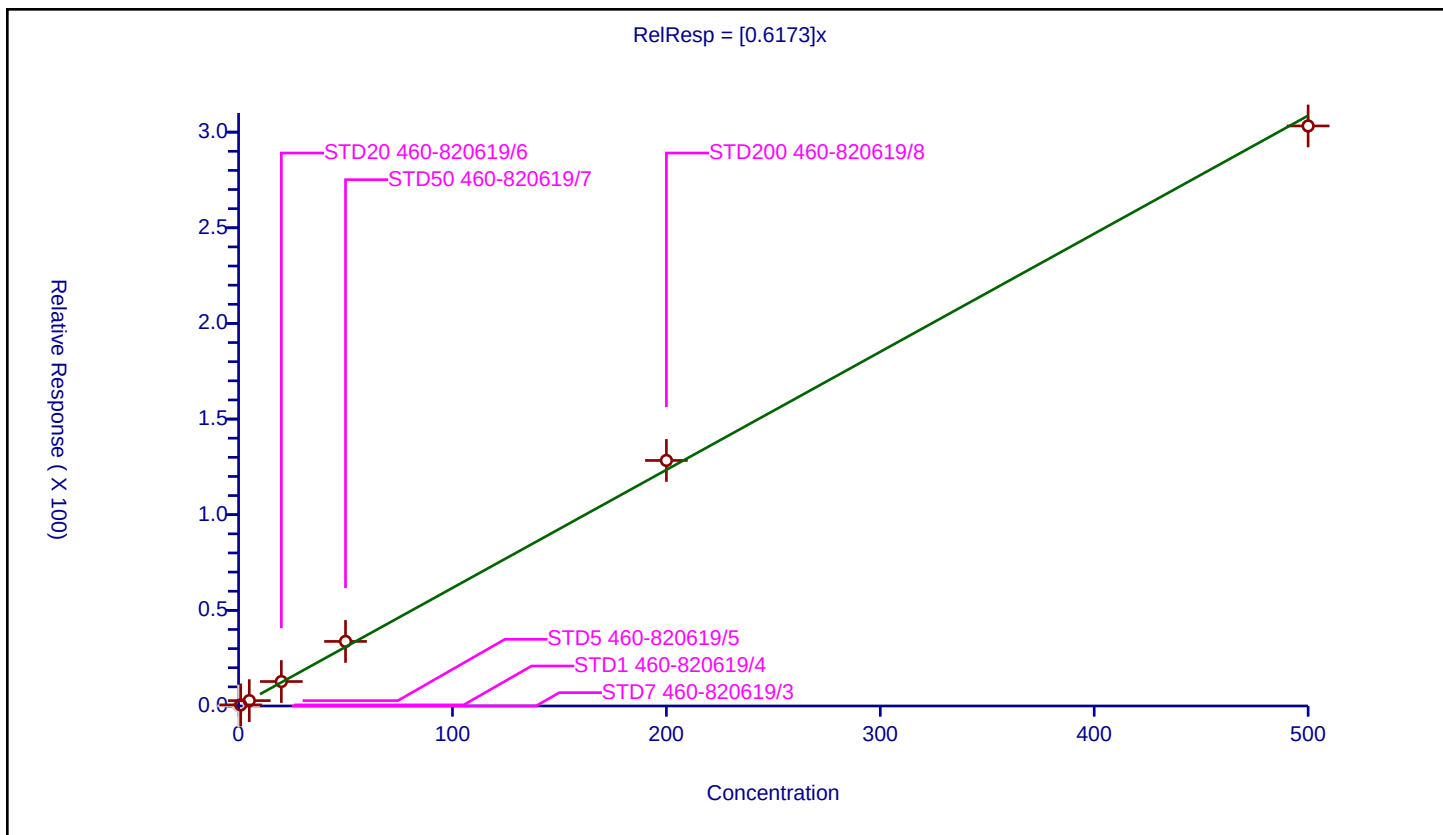
Curve Coefficients

Intercept: 0
 Slope: 0.6173

Error Coefficients

Standard Error: 738000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	0.580064	50.0	214373.0	0.580064	Y
3	STD5 460-820619/5	5.0	2.803743	50.0	210968.0	0.560749	Y
4	STD20 460-820619/6	20.0	12.784512	50.0	230087.0	0.639226	Y
5	STD50 460-820619/7	50.0	33.75687	50.0	225246.0	0.675137	Y
6	STD200 460-820619/8	200.0	128.368523	50.0	237478.0	0.641843	Y
7	STD500 460-820619/9	500.0	303.244102	50.0	251518.0	0.606488	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

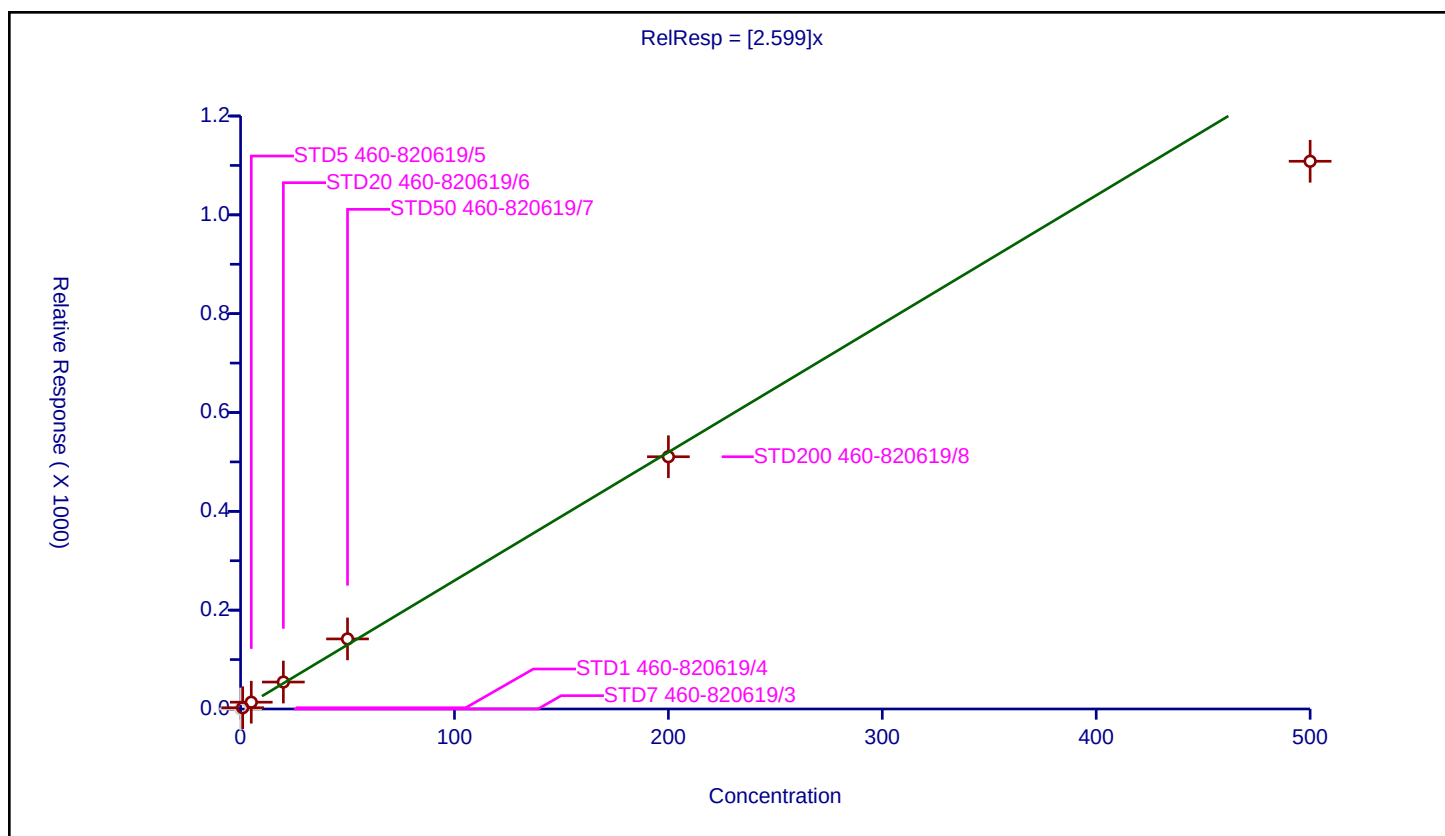
Curve Coefficients

Intercept: 0
Slope: 2.599

Error Coefficients

Standard Error: 2740000
Relative Standard Error: 8.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	2.512677	50.0	214373.0	2.512677	Y
3	STD5 460-820619/5	5.0	13.727437	50.0	210968.0	2.745487	Y
4	STD20 460-820619/6	20.0	54.556537	50.0	230087.0	2.727827	Y
5	STD50 460-820619/7	50.0	141.796303	50.0	225246.0	2.835926	Y
6	STD200 460-820619/8	200.0	510.511289	50.0	237478.0	2.552556	Y
7	STD500 460-820619/9	500.0	1108.441941	50.0	251518.0	2.216884	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

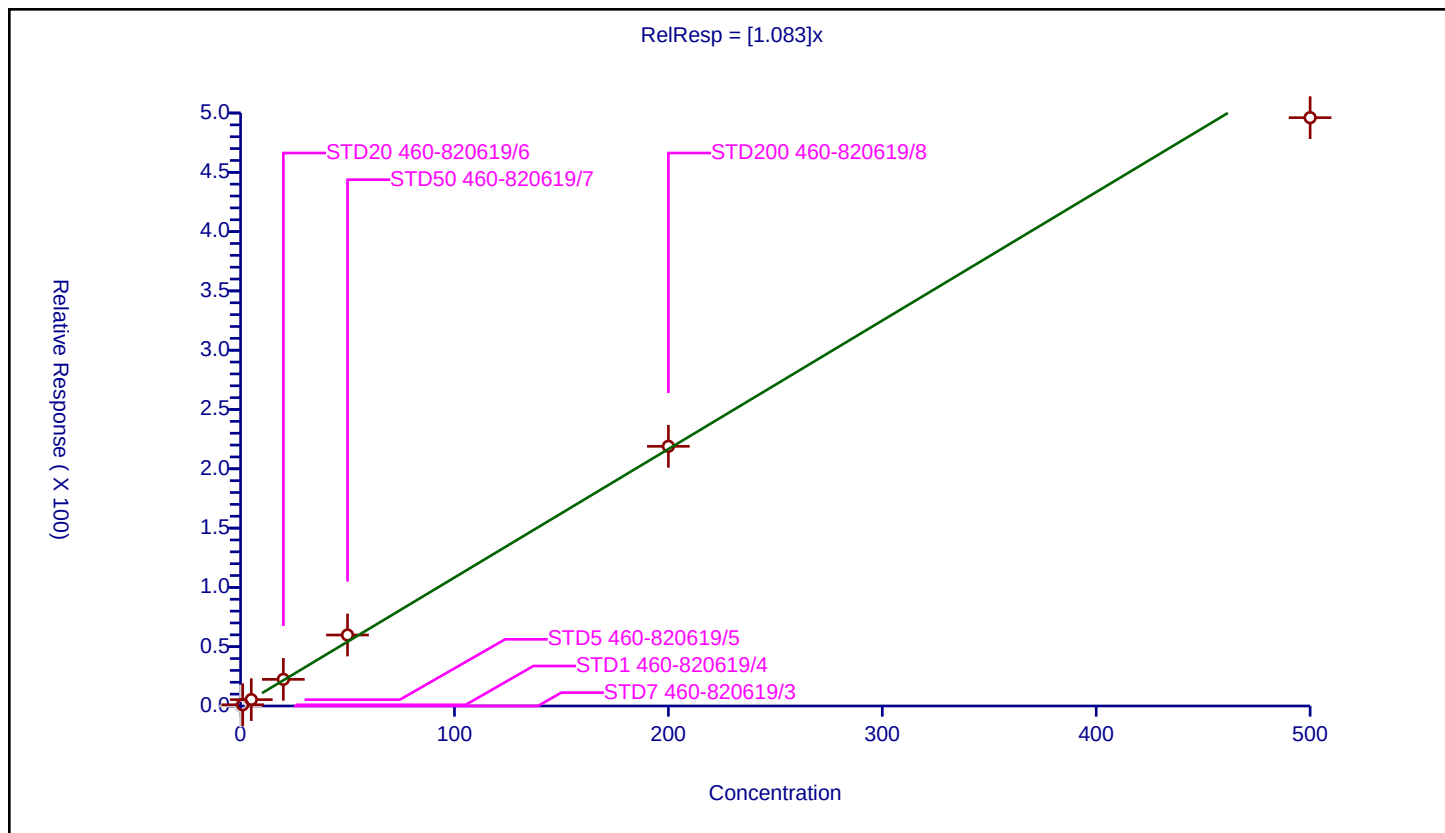
Curve Coefficients

Intercept: 0
 Slope: 1.083

Error Coefficients

Standard Error: 1220000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-820619/3	0.0	0.0	50.0	213537.0	NaN	N
2	STD1 460-820619/4	1.0	1.022284	50.0	214373.0	1.022284	Y
3	STD5 460-820619/5	5.0	5.358396	50.0	210968.0	1.071679	Y
4	STD20 460-820619/6	20.0	22.445423	50.0	230087.0	1.122271	Y
5	STD50 460-820619/7	50.0	59.842794	50.0	225246.0	1.196856	Y
6	STD200 460-820619/8	200.0	218.961125	50.0	237478.0	1.094806	Y
7	STD500 460-820619/9	500.0	496.091731	50.0	251518.0	0.992183	Y



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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-830341/3	A15573.D
Level 2	STD1 460-830341/4	A15574.D
Level 3	STD5 460-830341/5	A15575.D
Level 4	STD20 460-830341/6	A15576.D
Level 5	STD50 460-830341/7	A15577.D
Level 6	STD200 460-830341/8	A15578.D
Level 7	STD500 460-830341/9	A15579.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	+++++ 0.1183	0.1541 0.1288	0.1228	0.1438	0.1428	Ave		0.135 1				10.3		20.0			
Dichlorodifluoromethane	+++++ 0.4777	0.4909 0.5139	0.4153	0.5336	0.5247	Ave		0.492 7			0.1000	8.8		20.0			
Chlorodifluoromethane	+++++ 0.4554	0.5662 0.4802	0.4167	0.5319	0.4445	Ave		0.482 5				11.7		20.0			
Chloromethane	+++++ 0.5886	0.6927 0.5958	0.6386	0.6022	0.6209	Ave		0.623 2			0.1000	6.2		20.0			
Vinyl chloride	+++++ 0.5623	0.6617 0.5692	0.5563	0.5715	0.5865	Ave		0.584 6			0.1000	6.7		20.0			
Butadiene	0.5547 0.5619	0.6563 0.5831	0.5358	0.6200	0.5944	Ave		0.586 6				7.0		20.0			
Bromomethane	+++++ 0.2867	0.3526 0.2215	0.2910	0.3085	0.2833	Ave		0.290 6			0.1000	14.6		20.0			
Chloroethane	+++++ 0.3150	0.3741 0.2945	0.3154	0.3267	0.3203	Ave		0.324 3			0.1000	8.2		20.0			
Dichlorofluoromethane	+++++ 0.7285	0.8177 0.7309	0.6922	0.7185	0.7169	Ave		0.734 1				5.9		20.0			
Trichlorofluoromethane	+++++ 0.4960	0.5042 0.5180	0.4395	0.4942	0.5145	Ave		0.494 4			0.1000	5.8		20.0			
Pentane	+++++ 2.5172	3.8350 2.6670	3.2505	3.8285	3.3761	Ave		3.245 7				17.3		20.0			
Ethyl ether	+++++ 0.3117	0.3342 0.3249	0.3342	0.3007	0.3186	Ave		0.320 7				4.1		20.0			
Ethanol	+++++ 0.0832	0.0859	0.1044	0.0770	0.0996	Ave		0.090 0				12.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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-Methyl-1,3-butadiene	++++ 0.3580	0.3159 0.3770	0.3221	0.3611	0.3751	Ave		0.351 5				7.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2863	0.2839 0.3006	0.2509	0.2868	0.3078	Ave		0.286 0				6.9		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.4982	0.5451 0.5203	0.4945	0.5384	0.5191	Ave		0.519 3				3.9		20.0			
Acrolein	++++ 1.5515	2.8992 1.5010	2.4696	2.4101	1.9995	QuaF		1.882 6	-0.000972						0.9920		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.3196	0.2899 0.3483	0.2832	0.3244	0.3390	Ave		0.317 4			0.1000	8.2		20.0			
1,1-Dichloroethene	++++ 0.3253	0.3397 0.3391	0.3148	0.3130	0.3342	Ave		0.327 7			0.1000	3.6		20.0			
Acetone	++++ 0.3179	0.3588 0.2665	0.3132	0.2613	0.2579	Ave		0.295 9			0.0500	13.7		20.0			
Iodomethane	++++ 0.4938	0.5490 0.4945	0.5002	0.4756	0.4988	Ave		0.502 0				4.9		20.0			
Isopropyl alcohol	++++ 0.7669	0.7733 0.8580	0.8065	0.8212	0.8203	Ave		0.807 7				4.2		20.0			
Carbon disulfide	++++ 1.2908	1.4871 1.3057	1.3076	1.2681	1.3204	Ave		1.329 9			0.1000	5.9		20.0			
3-Chloro-1-propene	++++ 0.2259	0.2117 0.2418	0.1961	0.1965	0.2154	Ave		0.214 6				8.2		20.0			
Methyl acetate	++++ 0.2794	0.2443 0.2933	0.2911	0.2645	0.2772	Ave		0.275 0			0.1000	6.6		20.0			
Cyclopentene	++++ 0.9435	0.9687 0.9651	0.8939	0.9584	0.9993	Ave		0.954 8				3.7		20.0			
Acetonitrile	++++ 1.7377	3.1898 1.6434	2.7732	2.7158	2.7839	QuaF		1.959 8	-0.000064						0.9950		0.9900
Methylene Chloride	++++ 0.3907	0.4621 0.3985	0.4129	0.3898	0.4021	Ave		0.409 4			0.1000	6.6		20.0			
2-Methyl-2-propanol	++++ 1.0789	1.1187 1.2121	1.0273	1.0779	1.1091	Ave		1.104 0				5.6		20.0			
Methyl tert-butyl ether	++++ 1.0126	1.0285 1.0552	1.0213	0.9773	1.0248	Ave		1.020 0			0.1000	2.5		20.0			
trans-1,2-Dichloroethene	++++ 0.3541	0.3725 0.3613	0.3521	0.3495	0.3613	Ave		0.358 5			0.1000	2.3		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 Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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								
Acrylonitrile	0.1596 0.1551	0.1677 0.1506	0.1675	0.1549	0.1574	Ave		0.159 0				4.1		20.0			
Hexane	++++ 0.3617	0.4482 0.3993	0.3820	0.4136	0.4140	Ave		0.403 1				7.4		20.0			
Isopropyl ether	++++ 1.2628	1.3425 1.2681	1.3446	1.2807	1.3143	Ave		1.302 2				2.8		20.0			
1,1-Dichloroethane	++++ 0.6743	0.7901 0.6832	0.7070	0.6717	0.6872	Ave		0.702 2		0.2000		6.4		20.0			
Vinyl acetate	++++ 2.4300	2.0186 2.6517	2.2658	2.5185	2.6253	Ave		2.418 3				10.0		20.0			
2-Chloro-1,3-butadiene	++++ 0.3120	0.2869 0.3227	0.3076	0.3072	0.3257	Ave		0.310 4				4.5		20.0			
Text-butyl ethyl ether	++++ 1.0835	1.1705 1.0964	1.1612	1.0884	1.1281	Ave		1.121 4				3.4		20.0			
2,2-Dichloropropane	++++ 0.1188	0.1124 0.1222	0.1055	0.1024	0.1161	Ave		0.112 9				6.8		20.0			
cis-1,2-Dichloroethene	++++ 0.3759	0.3689 0.3828	0.3966	0.3625	0.3805	Ave		0.377 9		0.1000		3.1		20.0			
Ethyl acetate	++++ 0.2627	0.2521 0.2723	0.2215	0.2216	0.2583	Ave		0.248 1				8.7		20.0			
2-Butanone (MEK)	++++ 0.3206	0.3048 0.3011	0.2997	0.2864	0.3046	Ave		0.302 9		0.0500		3.6		20.0			
Methyl acrylate	++++ 0.2966	0.2521 0.3323	0.2655	0.2555	0.2914	Ave		0.282 2				10.9		20.0			
Propionitrile	++++ 2.0826	3.2464 ++++	3.2088	2.9460	2.5833	Ave		2.813 4				17.3		20.0			
Tetrahydrofuran	++++ 0.3474	0.3527 0.3417	0.3404	0.3135	0.3512	Ave		0.341 2				4.2		20.0			
Chlorobromomethane	++++ 0.1686	0.1748 0.1693	0.1647	0.1585	0.1698	Ave		0.167 6				3.3		20.0			
Methacrylonitrile	++++ 0.1549	0.1469 0.1407	0.1597	0.1522	0.1605	Ave		0.152 5				5.0		20.0			
Chloroform	++++ 0.5686	0.5948 0.5626	0.5658	0.5414	0.5698	Ave		0.567 2		0.2000		3.0		20.0			
Cyclohexane	++++ 0.7428	0.7460 0.7850	0.6717	0.7549	0.7845	Ave		0.747 5		0.1000		5.6		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 Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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								
1,1,1-Trichloroethane	++++ 0.4569	0.3249 0.4903	0.3587	0.3633	0.4171	Ave		0.401 9			0.1000	15.9		20.0			
Carbon tetrachloride	++++ 0.3058	0.2111 ++++	0.1919	0.2159	0.2587	Ave		0.236 7			0.1000	19.3		20.0			
1,1-Dichloropropene	++++ 0.4904	0.4990 0.5001	0.4725	0.4724	0.5008	Ave		0.489 2				2.8		20.0			
Isobutyl alcohol	++++ 0.5358	0.5059 0.6075	0.4204	0.4308	0.4427	Ave		0.490 5				14.9		20.0			
Isooctane	++++ 1.0171	1.0691 1.2651	1.0449	1.1497	1.1597	Ave		1.117 6				8.2		20.0			
Benzene	++++ 1.9558	2.1972 1.8004	2.1626	2.0532	2.0742	Ave		2.040 6			0.5000	7.1		20.0			
Isopropyl acetate	++++ 0.1491	0.4843 0.1547	0.1934	0.1380	0.1467	QuaF		0.145 4	0.0000188						1.0000		0.9900
Tert-amyl methyl ether	++++ 0.3047	0.2775 0.3108	0.2940	0.2851	0.3058	Ave		0.296 3				4.4		20.0			
1,2-Dichloroethane	++++ 0.4449	0.5530 0.4471	0.4997	0.4439	0.4556	Ave		0.474 0			0.1000	9.3		20.0			
n-Heptane	++++ 0.3229	0.3113 0.3564	0.2988	0.3521	0.3706	Ave		0.335 3				8.5		20.0			
n-Butanol	++++ 0.3158	0.3193 0.3603	0.2648	0.2722	0.2917	Ave		0.304 0				11.6		20.0			
Trichloroethene	++++ 0.3335	0.3368 0.3400	0.3204	0.3143	0.3339	Ave		0.329 8			0.2000	3.1		20.0			
Ethyl acrylate	++++ 0.0321	0.0118 0.0348	0.0244	0.0182	0.0283	QuaF		0.029 7	0.0000102						1.0000		0.9900
Methylcyclohexane	++++ 0.6562	0.5974 0.7250	0.5813	0.6568	0.7152	Ave		0.655 3			0.1000	9.0		20.0			
1,2-Dichloropropane	++++ 0.3771	0.5157 0.3866	0.3974	0.3600	0.3838	Ave		0.403 4			0.1000	14.0		20.0			
Methyl methacrylate	++++ 0.2335	0.1462 0.2480	0.1427	0.1655	0.2055	QuaF		0.219 5	0.0000286						1.0000		0.9900
n-Propyl acetate	++++ 0.5020	0.4403 0.5265	0.3759	0.3914	0.4706	Ave		0.451 1				13.3		20.0			
1,4-Dioxane	++++ 1.0665	1.3673 1.0728	1.4152	1.2467	1.2150	Ave		1.230 6				11.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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								
Dibromomethane	++++ 0.1961	0.1985 0.2014	0.1879	0.1776	0.1967	Ave		0.193 0				4.5		20.0			
Bromodichloromethane	++++ 0.3775	0.2646 ++++	0.2517	0.2596	0.3184	Ave		0.294 3			0.2000	18.1		20.0			
2-Chloroethyl vinyl ether	++++ 0.2327	0.1973 0.2426	0.2045	0.2027	0.2215	Ave		0.216 9				8.4		20.0			
2-Nitropropane	++++ 0.0421	0.0618 0.0497	0.0487	0.0359	0.0403	Ave		0.046 4				19.8		20.0			
Epichlorohydrin	0.2319 0.2577	0.2207 0.2497	0.2184	0.2245	0.2532	Ave		0.236 6				7.0		20.0			
cis-1,3-Dichloropropene	++++ 0.7805	0.5930 0.7851	0.6491	0.6608	0.7354	Ave		0.700 7			0.2000	11.2		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.4996	2.3331 2.0983	2.4313	2.4563	2.6040	Ave		2.403 8			0.0500	7.2		20.0			
Toluene	++++ 1.9212	2.1498 1.7332	2.0687	1.9540	2.0248	Ave		1.975 3			0.4000	7.3		20.0			
Ethyl methacrylate	++++ 0.4256	0.2238 0.4558	0.1975	0.2582	0.3417	QuaF		0.392 3	0.0001279						1.0000		0.9900
trans-1,3-Dichloropropene	++++ 0.6876	0.5390 0.6932	0.5151	0.5524	0.6376	Ave		0.604 1			0.1000	13.0		20.0			
1,1,2-Trichloroethane	++++ 0.3393	0.3216 0.3411	0.3369	0.3216	0.3422	Ave		0.333 8			0.1000	2.9		20.0			
Tetrachloroethene	++++ 0.3905	0.3803 0.3859	0.3809	0.3818	0.4048	Ave		0.387 4			0.2000	2.4		20.0			
1,3-Dichloropropane	++++ 0.7171	0.7270 0.7062	0.7524	0.7033	0.7285	Ave		0.722 4				2.5		20.0			
2-Hexanone	++++ 0.9240	0.7172 0.8492	0.7830	0.8132	0.8884	Ave		0.829 2			0.0500	9.0		20.0			
n-Butyl acetate	++++ 0.1142	0.0738 0.1202	0.0752	0.0836	0.1009	Qua2	-0.01 8	0.089 1	0.0000719						0.9920		0.9900
Chlorodibromomethane	++++ 0.3085	0.1715 0.3631	0.1973	0.1917	0.2391	Qua2	-0.04 3	0.212 1	0.0003272		0.1000				0.9940		0.9900
Ethylene Dibromide	++++ 0.3773	0.2993 0.3820	0.3134	0.3321	0.3611	Ave		0.344 2			0.1000	10.0		20.0			
Chlorobenzene	++++ 1.1593	1.1620 1.0900	1.2102	1.1446	1.1929	Ave		1.159 8			0.5000	3.6		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 Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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								
Ethylbenzene	++++ 0.6806	0.7276 0.6525	0.6846	0.6698	0.6923	Ave		0.684 6			0.1000	3.7		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3650	0.2103 0.3862	0.2292	0.2415	0.2936	Qua2	-0.05 9	0.263 7	0.0002821						0.9910		0.9900
m-Xylene & p-Xylene	++++ 0.8274	0.7912 0.7905	0.8179	0.8039	0.8472	Ave		0.813 0			0.1000	2.7		20.0			
n-Butyl acrylate	++++ 0.2920	0.1811 0.3254	0.1423	0.1732	0.2325	QuaF		0.261 4	0.0001286						1.0000		0.9900
o-Xylene	++++ 0.8479	0.7957 0.7829	0.8206	0.8181	0.8635	Ave		0.821 4			0.3000	3.7		20.0			
Styrene	++++ 1.3395	1.1143 1.2075	1.2000	1.2481	1.3670	Ave		1.246 1			0.3000	7.6		20.0			
Amyl acetate (mixed isomers)	++++ 1.5366	0.9940 1.6207	0.9341	0.9993	1.2617	QuaF		1.436 6	0.0003709						1.0000		0.9900
Bromoform	++++ 0.1804	0.1110 0.2212	0.0898	0.1131	0.1346	Qua2	-0.00 6	0.112 6	0.0002352		0.1000				0.9900		0.9900
Isopropylbenzene	++++ 2.1118	2.0447 1.7094	2.1475	2.1822	2.3003	Ave		2.082 6			0.1000	9.7		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.1067	0.8389 1.1292	0.9243	0.8845	1.0296	Ave		0.985 5			0.3000	12.2		20.0			
Bromobenzene	++++ 0.8888	0.9021 0.8759	0.8503	0.8185	0.8856	Ave		0.870 2				3.5		20.0			
N-Propylbenzene	++++ 4.8826	5.3137 3.9298	5.1072	5.0233	5.1888	Ave		4.907 6				10.2		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.3235	0.2168 ++++	0.2009	0.2433	0.2800	Ave		0.252 9				19.6		20.0			
1,2,3-Trichloropropane	++++ 0.2958	0.2973 0.3049	0.2795	0.2780	0.2919	Ave		0.291 2				3.6		20.0			
4-Ethyltoluene	++++ 3.9669	3.9670 3.3891	3.9451	3.9298	4.1999	Ave		3.899 6				6.9		20.0			
2-Chlorotoluene	++++ 3.8415	3.7407 3.5627	3.7982	3.6907	3.9015	Ave		3.755 9				3.2		20.0			
1,3,5-Trimethylbenzene	++++ 3.6259	3.4053 3.2003	3.4680	3.4607	3.7081	Ave		3.478 1				5.1		20.0			
Butyl Methacrylate	++++ 1.1142	0.2763 1.2587	0.3823	0.4899	0.7568	QuaF		0.965 5	0.0005896						0.9990		0.9900

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 Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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								
4-Chlorotoluene	++++ 2.9647	3.0266 2.7424	3.0979	2.9251	3.0299	Ave		2.964 4				4.2		20.0			
tert-Butylbenzene	++++ 2.9643	2.6281 2.7551	2.6663	2.7342	2.9847	Ave		2.788 8				5.4		20.0			
1,2,4-Trimethylbenzene	++++ 3.6254	3.1332 3.1925	3.4464	3.5123	3.7175	Ave		3.437 9				6.8		20.0			
sec-Butylbenzene	++++ 0.9096	0.7554 0.9177	0.7744	0.8338	0.9190	Ave		0.851 6				8.8		20.0			
4-Isopropyltoluene	++++ 3.7484	3.3871 3.2758	3.5147	3.6613	3.9170	Ave		3.584 0				6.6		20.0			
1,3-Dichlorobenzene	++++ 1.7797	1.7622 1.7360	1.7800	1.7348	1.8088	Ave		1.766 9		0.6000		1.6		20.0			
1,4-Dichlorobenzene	++++ 1.7863	2.0476 1.6104	1.8089	1.7413	1.8312	Ave		1.804 3		0.5000		7.9		20.0			
1,2,3-Trimethylbenzene	++++ 3.8636	3.6053 3.2581	3.7956	3.7210	4.0194	Ave		3.710 5				7.0		20.0			
Benzyl chloride	++++ 1.9610	1.3152 2.0690	1.1996	1.3200	1.6207	QuaF		1.835 4	0.0004707						1.0000		0.9900
Indan	++++ 3.7463	3.8038 3.1521	3.8160	3.6832	3.9321	Ave		3.688 9				7.5		20.0			
p-Diethylbenzene	++++ 2.1486	2.0530 1.9664	2.1500	2.1237	2.2652	Ave		2.117 8				4.8		20.0			
n-Butylbenzene	++++ 2.1535	2.1518 2.1058	2.1824	2.1461	2.2648	Ave		2.167 4				2.5		20.0			
1,2-Dichlorobenzene	++++ 1.7785	1.8610 1.7204	1.7814	1.6945	1.7889	Ave		1.770 8		0.4000		3.3		20.0			
1,2,4,5-Tetramethylbenzene	++++ 3.6158	3.0511 3.2966	3.3342	3.3579	3.7011	Ave		3.392 8				6.9		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1871	0.0922 0.2129	0.0925	0.1099	0.1378	QuaF		0.163 3	0.0000995	0.0500					1.0000		0.9900
1,3,5-Trichlorobenzene	++++ 1.3276	1.3841 1.3015	1.3677	1.2989	1.3806	Ave		1.343 4				2.9		20.0			
1,2,4-Trichlorobenzene	++++ 1.2388	1.3491 1.2302	1.1732	1.1603	1.2435	Ave		1.232 5		0.2000		5.4		20.0			
Hexachlorobutadiene	++++ 0.5275	0.4332 0.5523	0.4072	0.4496	0.5383	Ave		0.484 7				12.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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								
Naphthalene	++++ 3.2684	3.0880 3.1094	2.9066	2.8453	3.1550	Ave		3.062 1				5.2		20.0			
1,2,3-Trichlorobenzene	++++ 1.0847	1.2066 1.0744	1.0900	0.9825	1.0785	Ave		1.086 1				6.6		20.0			
Dibromofluoromethane (Surr)	0.2365 0.2775	0.2447 0.2797	0.2445	0.2535	0.2687	Ave		0.257 9				6.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3898 0.3876	0.3856 0.4108	0.3844	0.3813	0.3777	Ave		0.388 2				2.8		20.0			
Toluene-d8 (Surr)	1.6478 1.6637	1.6717 1.6041	1.6731	1.6904	1.6685	Ave		1.659 9				1.7		20.0			
4-Bromofluorobenzene	0.4114 0.4155	0.4163 0.4122	0.4193	0.4240	0.4159	Ave		0.416 4				1.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-830341/3	A15573.D
Level 2	STD1 460-830341/4	A15574.D
Level 3	STD5 460-830341/5	A15575.D
Level 4	STD20 460-830341/6	A15576.D
Level 5	STD50 460-830341/7	A15577.D
Level 6	STD200 460-830341/8	A15578.D
Level 7	STD500 460-830341/9	A15579.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	Ave	++++ 238505	1428 660551	5527	28345	72146	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 963437	4548 2635703	18695	105178	265178	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 918336	5246 2462788	18757	104838	224626	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1187132	6418 3055761	28749	118695	313784	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1133952	6130 2919218	25045	112652	296376	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1285 1133175	6080 2990896	24120	122208	300380	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 578238	3267 1135942	13099	60807	143149	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 635211	3466 1510475	14197	64388	161891	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1469167	7576 3748519	31163	141616	362301	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1000324	4671 2656587	19784	97401	260019	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 273161	1328 797935	5638	28634	75812	++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	++++ 628630	3096 1666264	15045	59267	160982	++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	++++	++++	3623	11525	44711	++++	++++	200	800	2000

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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
			180587	513775				8000	20000			
2-Methyl-1,3-butadiene	FB	Ave	++++ 721902	2927 1933635	14500	71181	189550	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 577406	2630 1541991	11295	56524	155526	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 1004741	5050 2668730	22263	106117	262331	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	QuaF	++++ 85363	2036 182147	8687	18278	45528	++++ 203	4.06 406	20.3	40.6	101
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 644502	2686 1786370	12747	63934	171325	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 655964	3147 1739048	14171	61688	168887	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 460903	2373 1023459	10331	36846	92296	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 995909	5086 2536123	22518	93747	252088	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 416121	1339 1283552	6994	30708	92102	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 2603241	13777 6696581	58865	249941	667297	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 455621	1961 1240012	8826	38737	108877	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 1126925	4527 3008464	26213	104285	280147	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1902843	8975 4949864	40240	188895	505019	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	QuaF	++++ 942878	5523 2458447	24050	101560	312573	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++	4281	18589	76824	203227	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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
			787969	2044037				200	500			
2-Methyl-2-propanol	TBAd 9	Ave	++++ 585406	1937 1813248	8909	40310	124531	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 2042152	9529 5411945	45978	192635	517894	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 714131	3451 1852934	15849	68880	182604	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2957 3127293	15539 7723533	75409	305334	795673	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 729503	4152 2047946	17199	81521	209242	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2546627	12438 6504066	60529	252423	664194	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1359843	7320 3504030	31827	132400	347271	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	TBAd 9	Ave	++++ 263699	699 793337	3930	18836	58952	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 629305	2658 1655336	13849	60543	164610	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 2185079	10844 5623276	52276	214524	570118	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 239648	1041 626864	4751	20185	58676	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 758031	3418 1963284	17855	71440	192283	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 152346	667 418346	2922	12501	36978	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	++++ 464810	2016 1156358	9884	40398	108996	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	++++ 598075	2336 1704370	11951	50369	147272	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 1129967	5621 ++++	27828	110169	290046	++++ 2000	10.0 ++++	50.0	200	500

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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
Tetrahydrofuran	BUT	Ave	++++ 201453	933 524959	4491	17688	50274	++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	++++ 339931	1619 868387	7415	31243	85799	++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	++++ 3124258	13613 7215488	71906	300043	811276	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1146618	5511 2885554	25469	106707	287961	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1498039	6911 4026303	30238	148790	396472	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 921453	3010 2514650	16146	71616	210766	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 616727	1956 ++++	8639	42550	130751	++++ 200	1.00 ++++	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 988980	4623 2565151	21271	93114	253088	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 726846	2190 2271922	9114	40271	124252	++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	++++ 2051241	9905 6488597	47040	226614	586040	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 2858866	13758 6861871	65558	277178	735599	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	QuaF	++++ 300766	4487 793655	8706	27192	74161	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 614535	2571 1594066	13234	56188	154542	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 897304	5123 2293021	22497	87490	230260	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 651104	2884 1827711	13451	69404	187270	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 428381	1382 1347515	5741	25448	81873	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++	3120	14422	61946	168738	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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
			672581	1744004				200	500			
Ethyl acrylate	FB	QuaF	++++ 64783	109 178412	1100	3581	14301	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1323340	5535 3718696	26167	129463	361437	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 760447	4778 1983023	17890	70963	193957	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	QuaF	++++ 941920	2709 2544033	12846	65260	207704	++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	++++ 1012458	4079 2700535	16924	77137	237813	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	++++ 166063	1781 426147	3732	14912	40362	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 395444	1839 1032873	8461	35014	99418	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 761220	2451 ++++	11330	51166	160910	++++ 200	1.00 ++++	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 470336	1832 1247416	9226	40041	112210	++++ 200	1.00 501	5.01	20.0	50.1
2-Nitropropane	FB	Ave	++++ 169898	1146 509624	4384	14135	40746	++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1520 1494625	5838 3836366	28818	126669	362424	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1140952	3713 2992294	19678	89207	260794	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 3623730	15430 8059313	80189	346435	931837	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2808376	13461 6606070	62711	263776	718092	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	QuaF	++++ 858285	2073 2337752	8891	50897	172664	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1005044	3375 2641957	15614	74567	226123	++++ 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 Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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-Trichloroethane	CBNZ d5	Ave	++++ 496020	2014 1299911	10214	43416	121349	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 570862	2381 1470901	11546	51535	143550	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1048224	4552 2691436	22810	94949	258361	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 1339546	4743 3261821	25826	114695	317908	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Qua2	++++ 166993	462 457966	2280	11283	35798	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Qua2	++++ 451000	1074 1383838	5982	25875	84806	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 551595	1874 1455967	9502	44826	128058	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1694656	7276 4154275	36687	154518	423045	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 994825	4556 2486795	20754	90416	245518	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Qua2	++++ 533549	1317 1471798	6947	32599	104109	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1209506	4954 3013096	24794	108519	300454	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	QuaF	++++ 426815	1134 1240253	4314	23388	82468	++++ 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 Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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
o-Xylene	CBNZ d5	Ave	+++++	4982	24876	110442	306239	+++++	1.00	5.00	20.0	50.0
			1239354	2983771				200	500			
Styrene	CBNZ d5	Ave	+++++	6977	36377	168485	484813	+++++	1.00	5.00	20.0	50.0
			1958029	4602442				200	500			
Amyl acetate (mixed isomers)	DCBd 4	QuaF	+++++	3320	15224	72386	237112	+++++	1.00	5.00	20.0	50.0
			1140441	3013279				200	500			
Bromoform	CBNZ d5	Qua2	+++++	695	2723	15268	47727	+++++	1.00	5.00	20.0	50.0
			263646	843082				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	12803	65100	294592	815798	+++++	1.00	5.00	20.0	50.0
			3086893	6515106				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	2802	15065	64067	193487	+++++	1.00	5.00	20.0	50.0
			821379	2099579				200	500			
Bromobenzene	DCBd 4	Ave	+++++	3013	13859	59287	166420	+++++	1.00	5.00	20.0	50.0
			659645	1628610				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	17748	83241	363868	975096	+++++	1.00	5.00	20.0	50.0
			3623795	7306572				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	724	3274	17627	52613	+++++	1.00	5.00	20.0	50.0
			240075	+++++				200	+++++			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	993	4555	20134	54860	+++++	1.00	5.00	20.0	50.0
			219518	566869				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	13250	64300	284661	789266	+++++	1.00	5.00	20.0	50.0
			2944164	6301321				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	12494	61905	267338	733181	+++++	1.00	5.00	20.0	50.0
			2851053	6624056				200	500			

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2691101	11374 5950274	56523	250683	696836	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 826961	923 2340205	6231	35487	142221	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 2200311	10109 5098953	50492	211884	569389	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 2200053	8778 5122452	43457	198055	560898	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2690687	10465 5935707	56171	254419	698613	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 675050	2523 1706235	12621	60396	172698	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2781978	11313 6090544	57284	265212	736105	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1320878	5886 3227741	29012	125663	339917	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1325768	6839 2994187	29482	126133	344127	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2867497	12042 6057689	61863	269534	755339	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	QuaF	++++ 1455397	4393 3846897	19552	95618	304567	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2780465	12705 5860571	62195	266801	738949	++++ 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 Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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
p-Diethylbenzene	DCBd 4	Ave	++++ 1594668	6857 3656134	35042	153832	425691	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1598248	7187 3915355	35570	155454	425605	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1319948	6216 3198747	29034	122740	336183	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2683581	10191 6129279	54342	243234	695537	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	QuaF	++++ 138839	308 395796	1507	7962	25893	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 985352	4623 2419863	22291	94086	259454	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 919397	4506 2287277	19121	84051	233678	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 391465	1447 1026961	6636	32571	101155	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2425768	10314 5781260	47373	206101	592900	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 805047	4030 1997637	17766	71172	202668	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	109585 139898	113357 143434	110051	124900	135790	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	180565 195442	178616 210694	173046	187890	190883	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	510394	523373	507189	570504	591722	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-252877-1 Analy Batch No.: 830341

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/25/2022 10:49 Calibration End Date: 02/25/2022 13:09 Calibration ID: 89323

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
			607979	611383				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	127433	130319	127099	143105	147482	50.0	50.0	50.0	50.0	50.0
			151829	157094				50.0	50.0			

Curve Type Legend

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

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 25-Feb-2022 10:49:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0141906-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 25-Feb-2022 20:01:46 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: desais

Date: 25-Feb-2022 13:36:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
172 Butadiene	39	2.026	2.038	-0.012	64	1285	0.2500	0.2364	M
* 30 TBA-d9 (IS)	65	3.678	3.684	-0.006	4	160016	1000.0	1000.0	
35 Acrylonitrile	53	3.940	3.946	-0.006	75	2957	2.00	2.01	
* 42 2-Butanone-d5	46	4.678	4.684	-0.006	75	327789	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.086	-0.006	95	109585	50.0	45.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.373	-0.007	1	180565	50.0	50.2	
* 66 Fluorobenzene	96	5.580	5.586	-0.006	98	463273	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	1	27495	1000.0	1000.0	
80 Epichlorohydrin	57	6.726	6.726	0.000	48	1520	5.00	4.90	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	98	510394	50.0	49.6	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	89	309741	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	84	127433	50.0	49.4	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	0	167502	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACRY/EPIH MIX_00097	Amount Added: 20.00	Units: uL	
ACROLEIN W_00137	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00150	Amount Added: 0.00	Units: uL	
GASES Li_00464	Amount Added: 2.50	Units: uL	
GAS Hi_00408	Amount Added: 0.00	Units: uL	
Ethanol mix_00061	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00120	Amount Added: 0.00	Units: uL	
MIX I Hi_00147	Amount Added: 0.00	Units: uL	
14DIOXINTER_00138	Amount Added: 0.00	Units: uL	
524freon_00049	Amount Added: 0.00	Units: uL	
8FreonHi_00041	Amount Added: 0.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

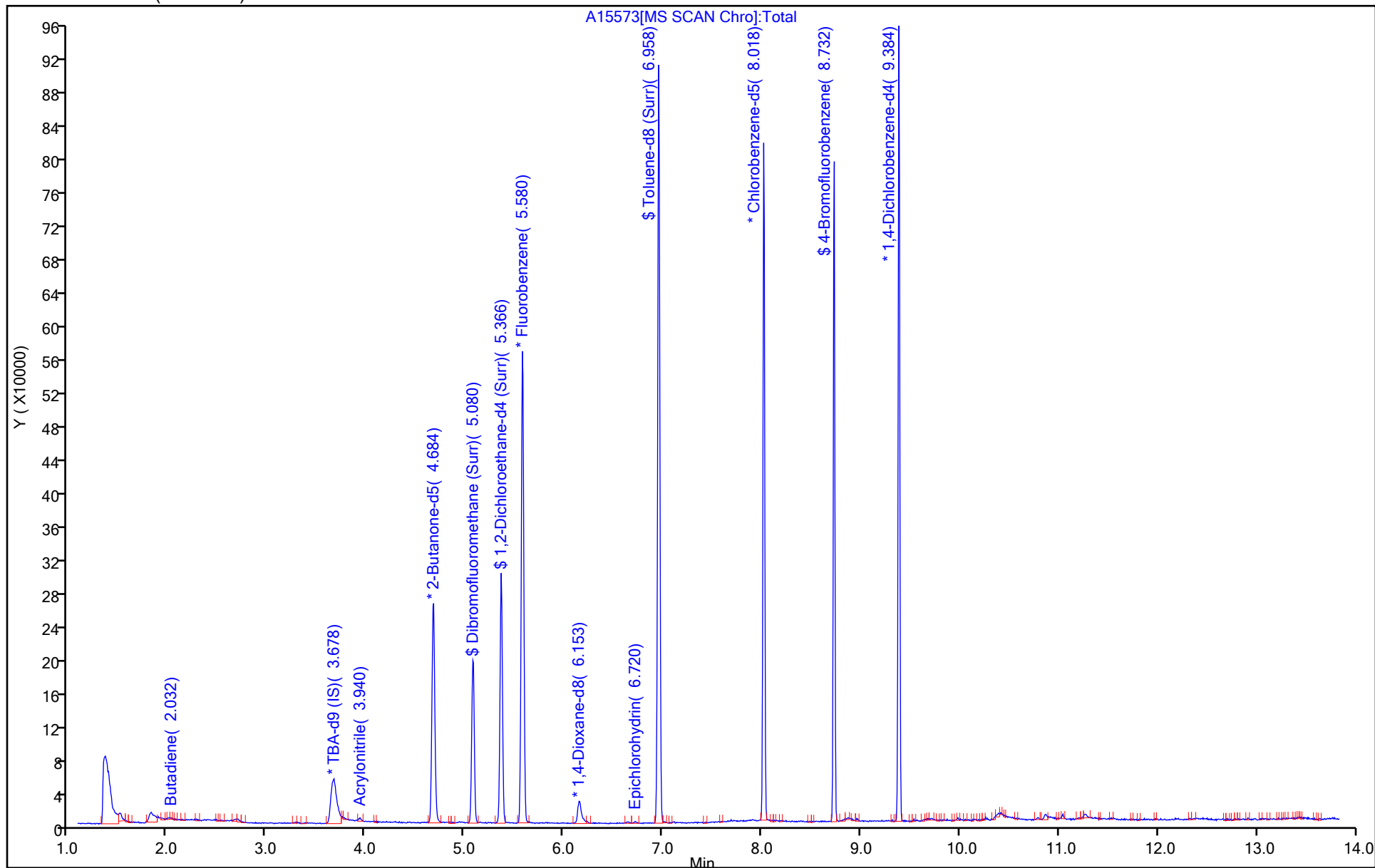
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

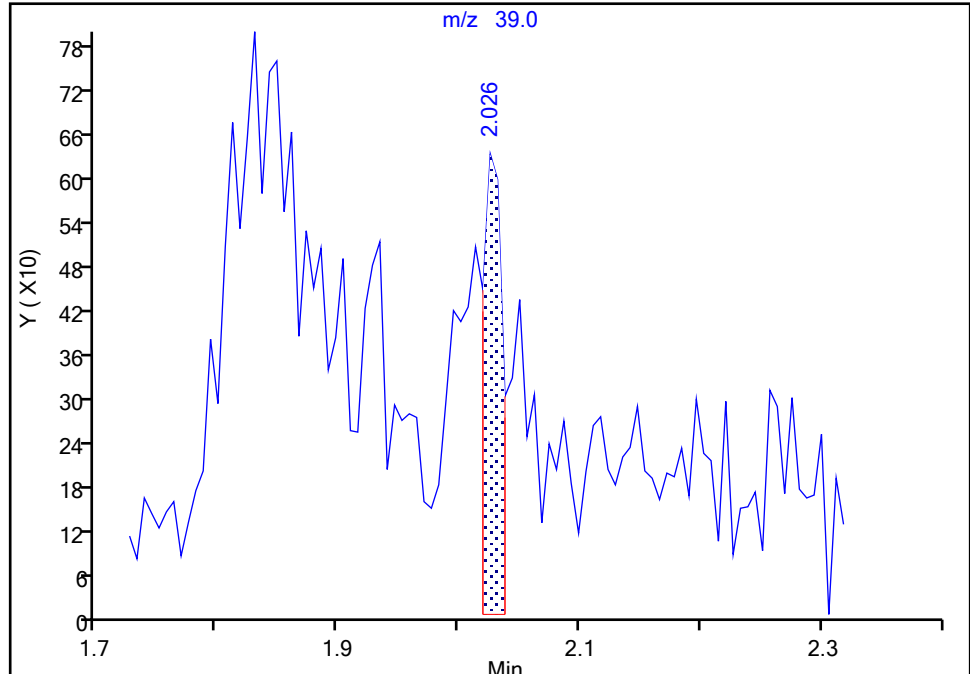
MS SCAN

172 Butadiene, CAS: 106-99-0

Signal: 1

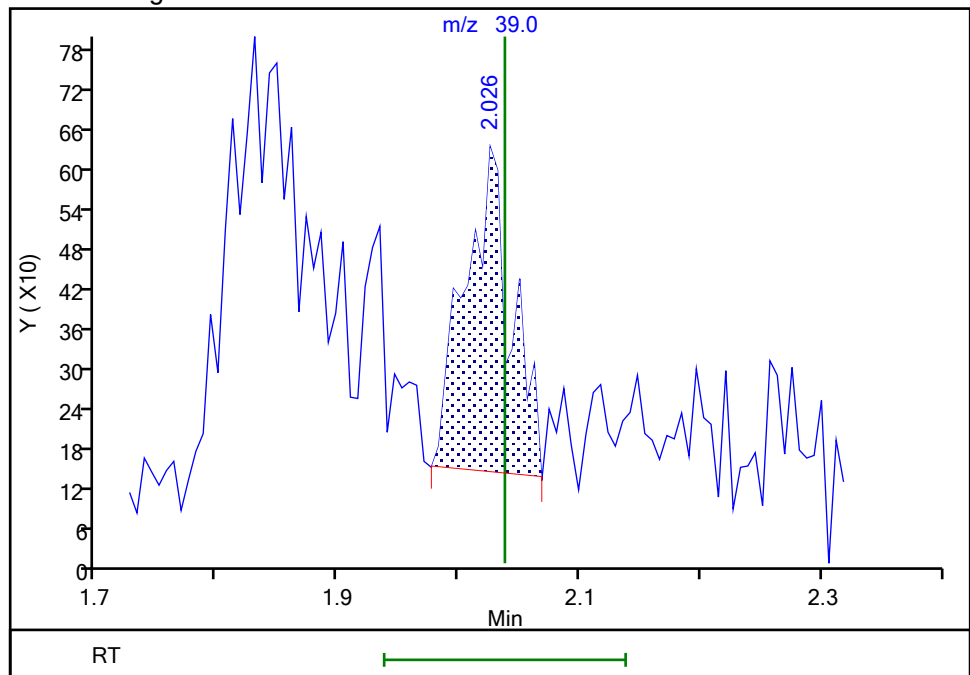
RT: 2.03
Area: 718
Amount: 0.146257
Amount Units: ug/l

Processing Integration Results



RT: 2.03
Area: 1285
Amount: 0.236423
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 19:01:49

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

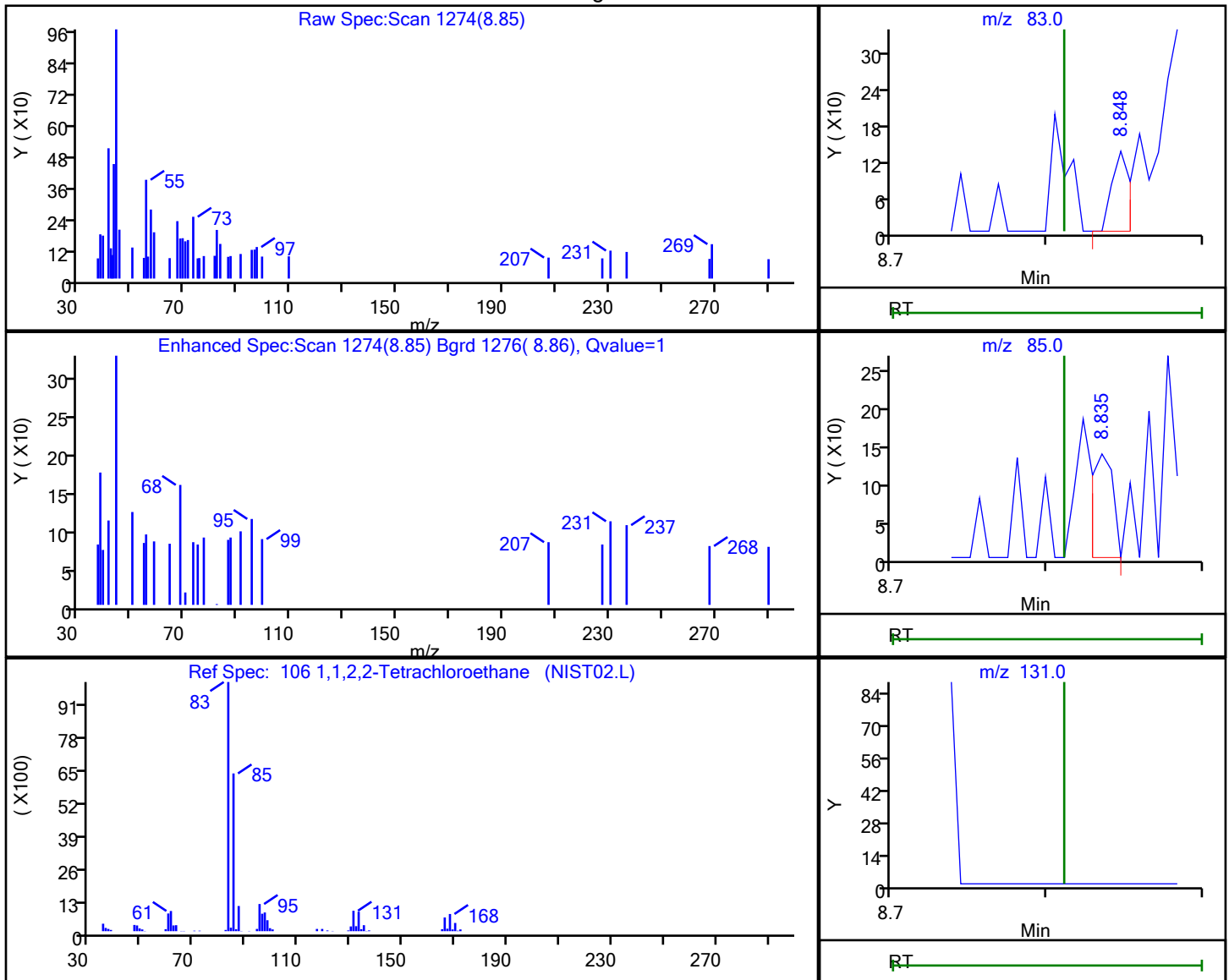
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.85	83.00	108	0.032711
8.84	85.00	131	
8.82	131.00	0	

Reviewer: desais, 25-Feb-2022 13:36:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

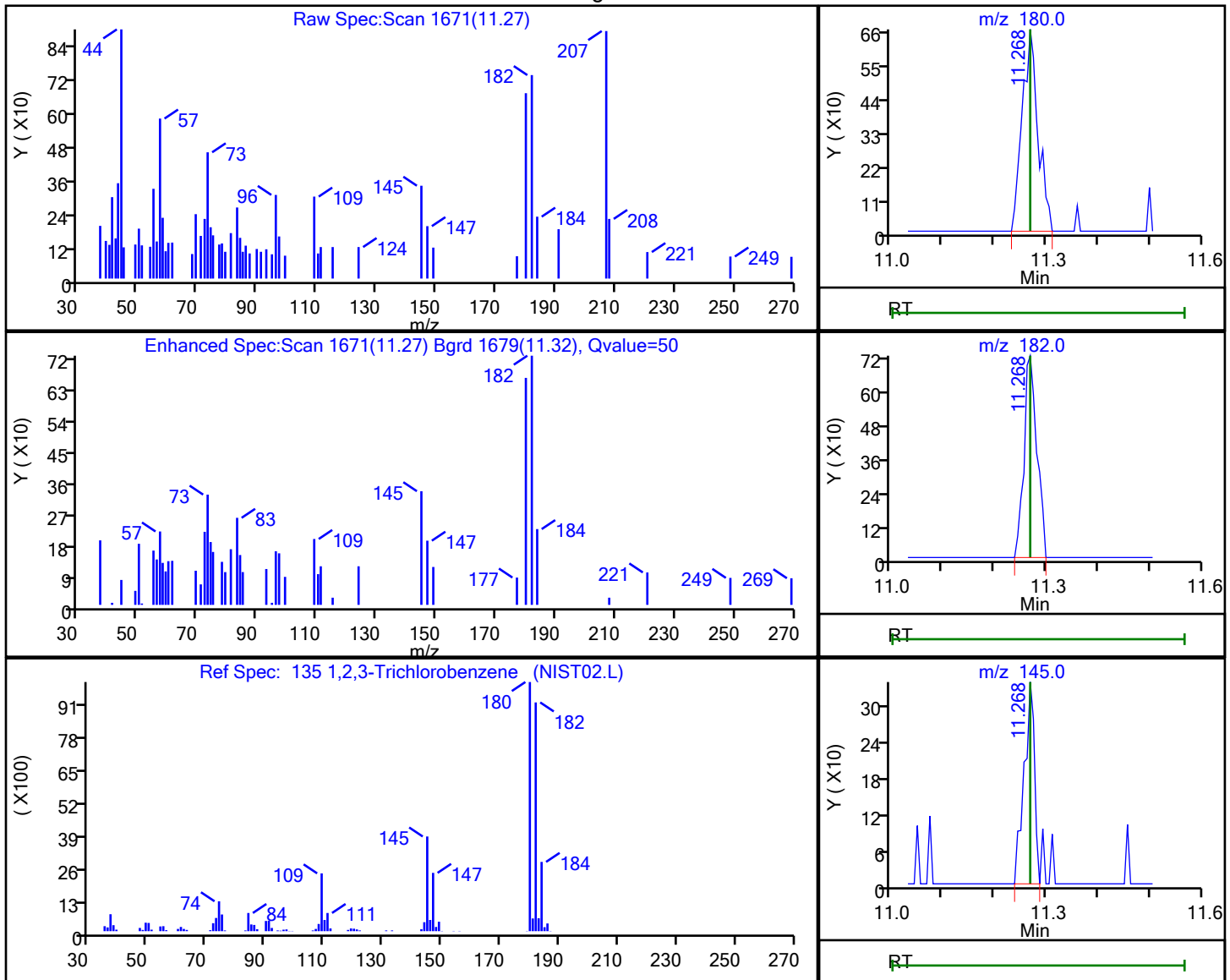
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
11.27	180.00	1418	0.389717
11.27	182.00	1272	
11.27	145.00	465	

Reviewer: desais, 25-Feb-2022 13:36:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

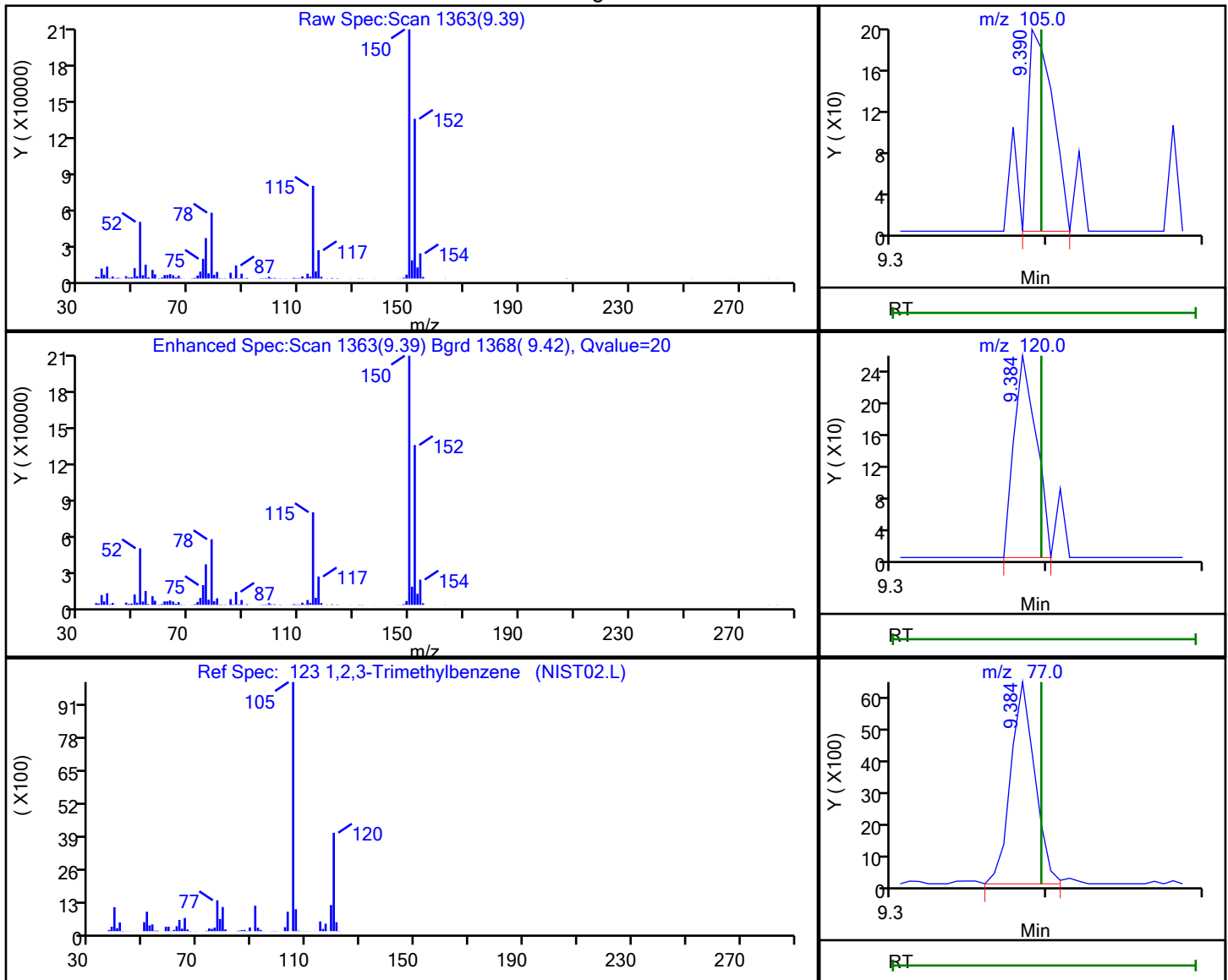
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
9.39	105.00	218	0.017538
9.38	120.00	253	
9.38	77.00	7041	

Reviewer: desais, 25-Feb-2022 13:36:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

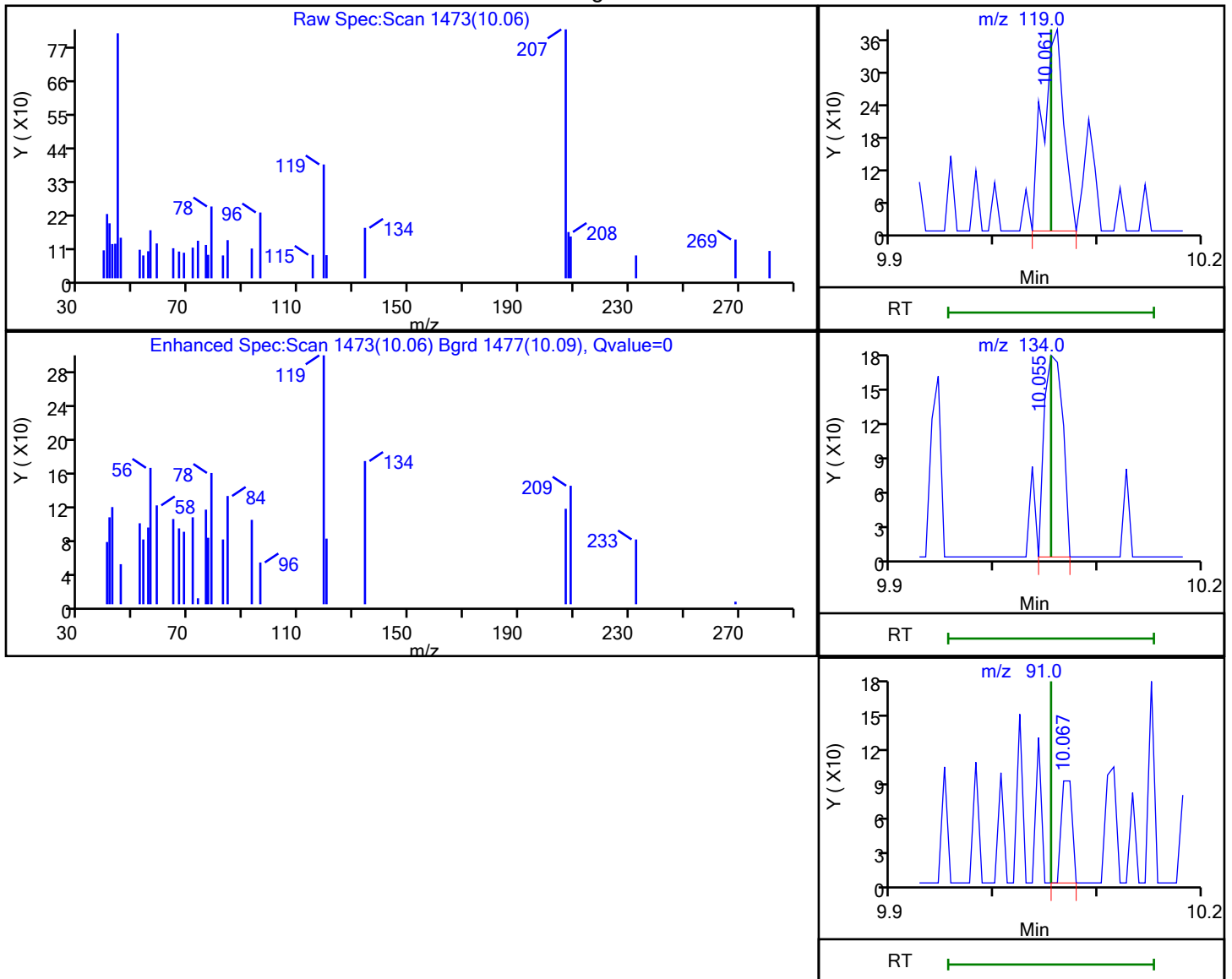
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

163 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
10.06	119.00	523	0.046015
10.05	134.00	217	
10.07	91.00	64	

Reviewer: desais, 25-Feb-2022 13:36:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

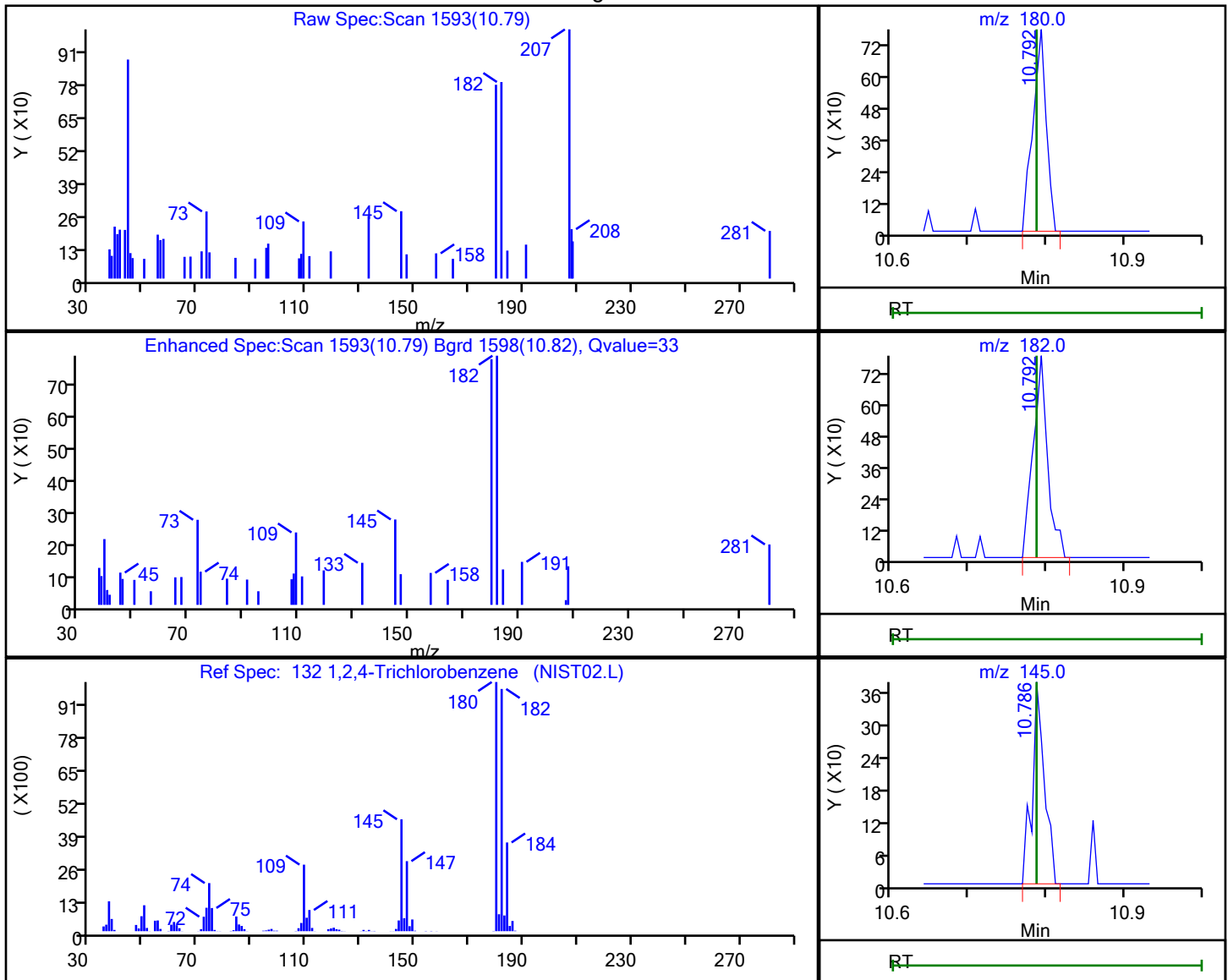
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
10.79	180.00	932	0.225724
10.79	182.00	1030	
10.79	145.00	416	

Reviewer: desais, 25-Feb-2022 13:36:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

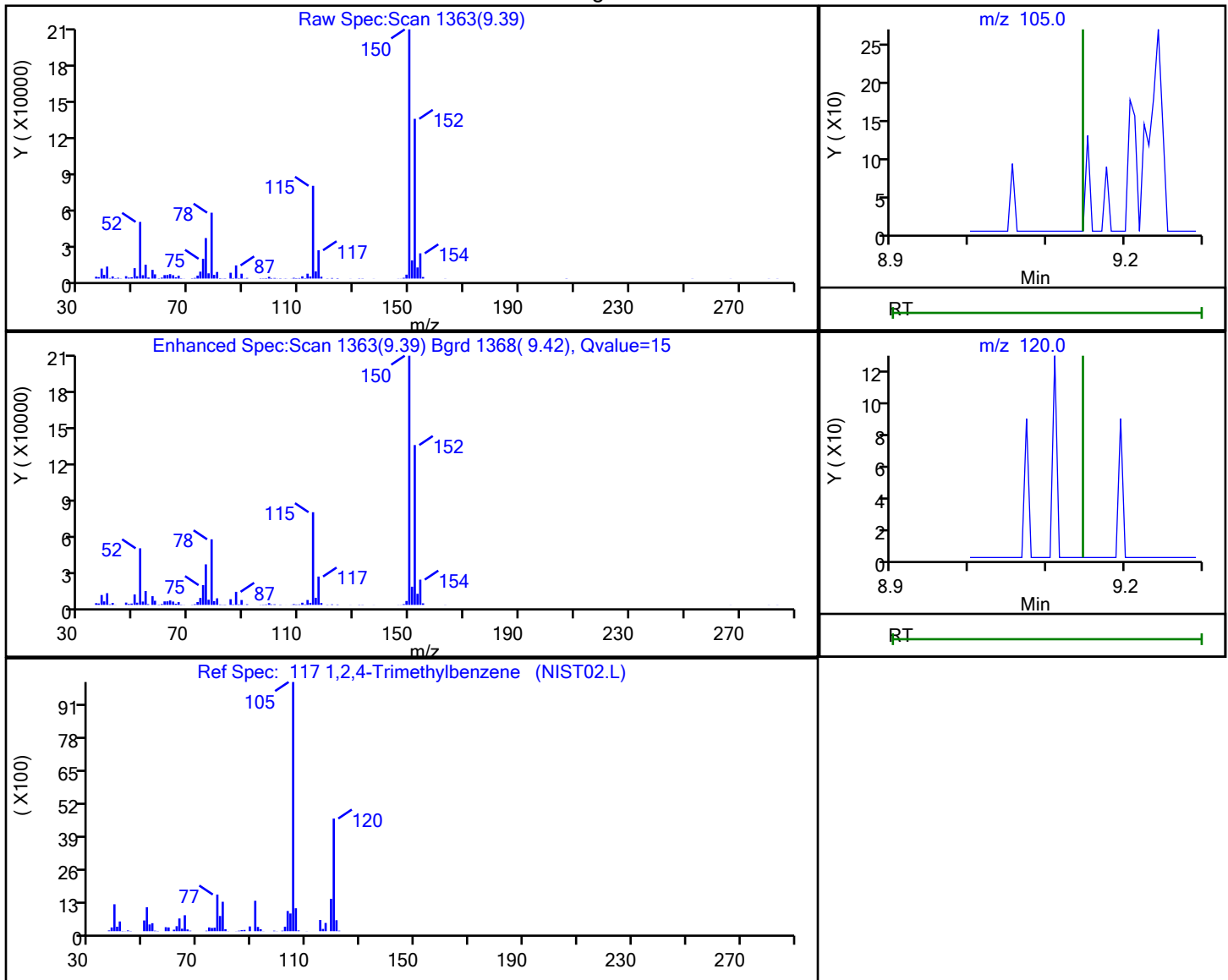
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
9.39	105.00	256	0.022228
9.38	120.00	253	

Reviewer: desais, 25-Feb-2022 13:36:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

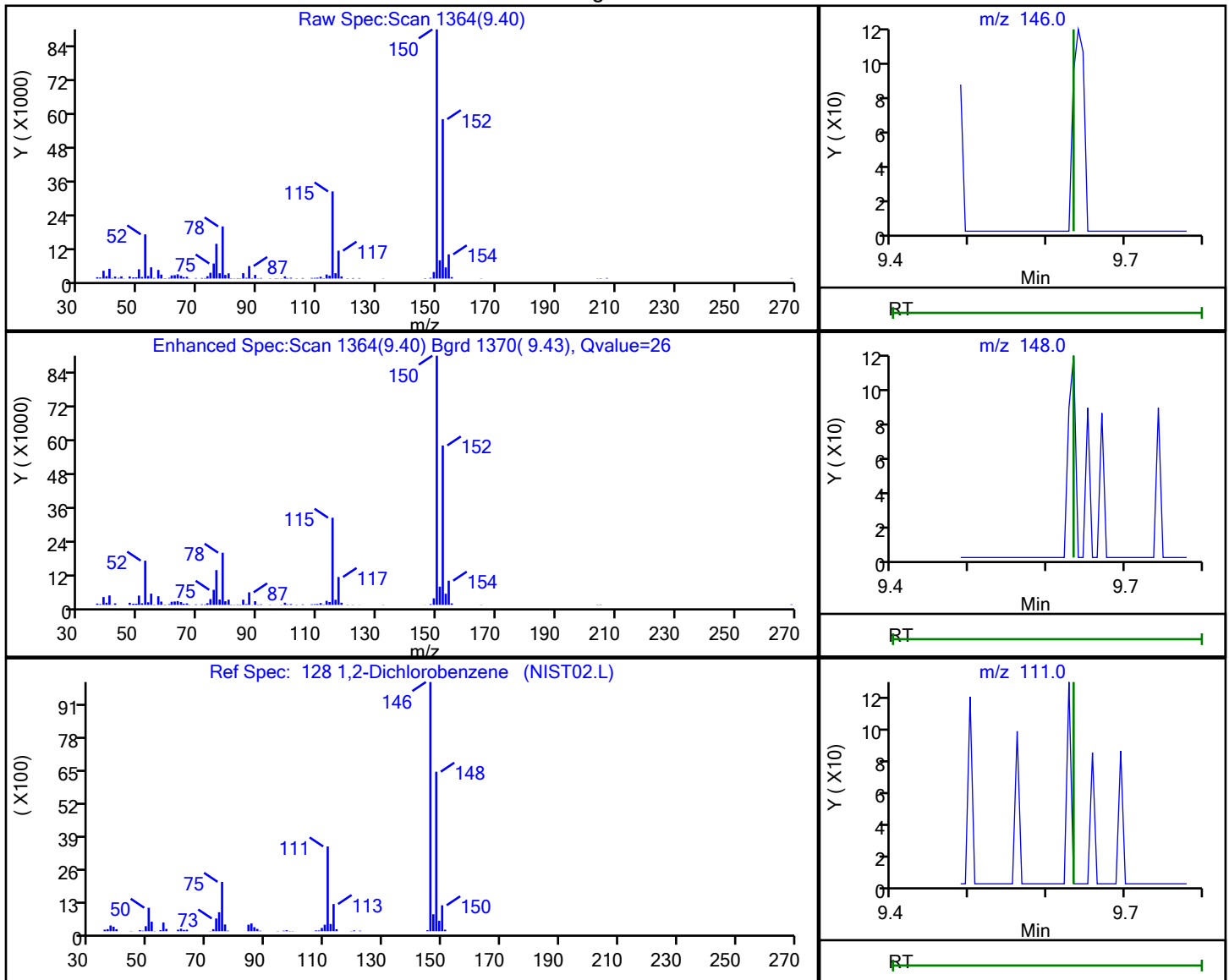
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
9.40	146.00	161	0.027140
9.39	148.00	673	
9.38	111.00	2539	

Reviewer: desais, 25-Feb-2022 13:36:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

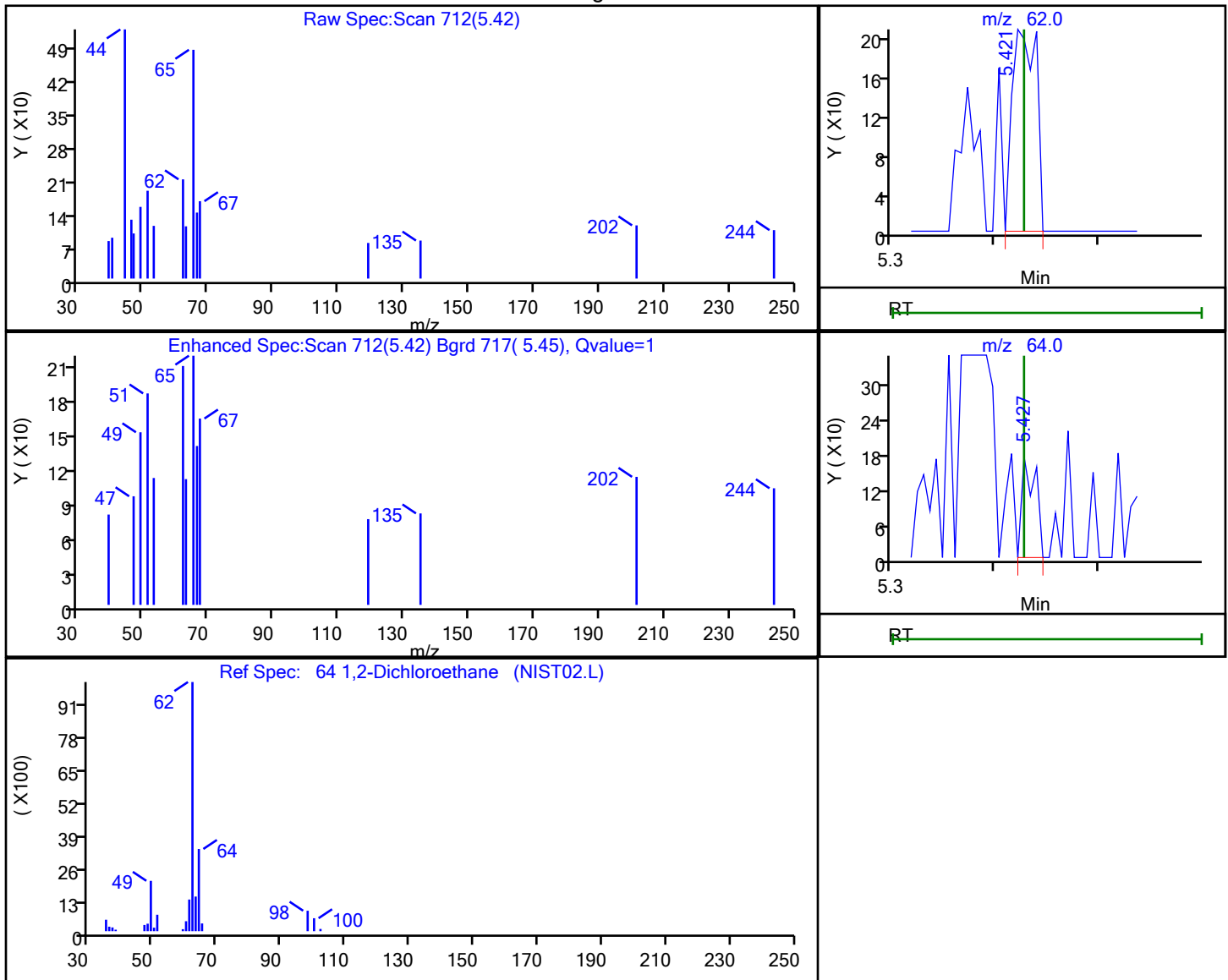
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.42	62.00	337	0.076727
5.43	64.00	159	

Reviewer: desais, 25-Feb-2022 13:36:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

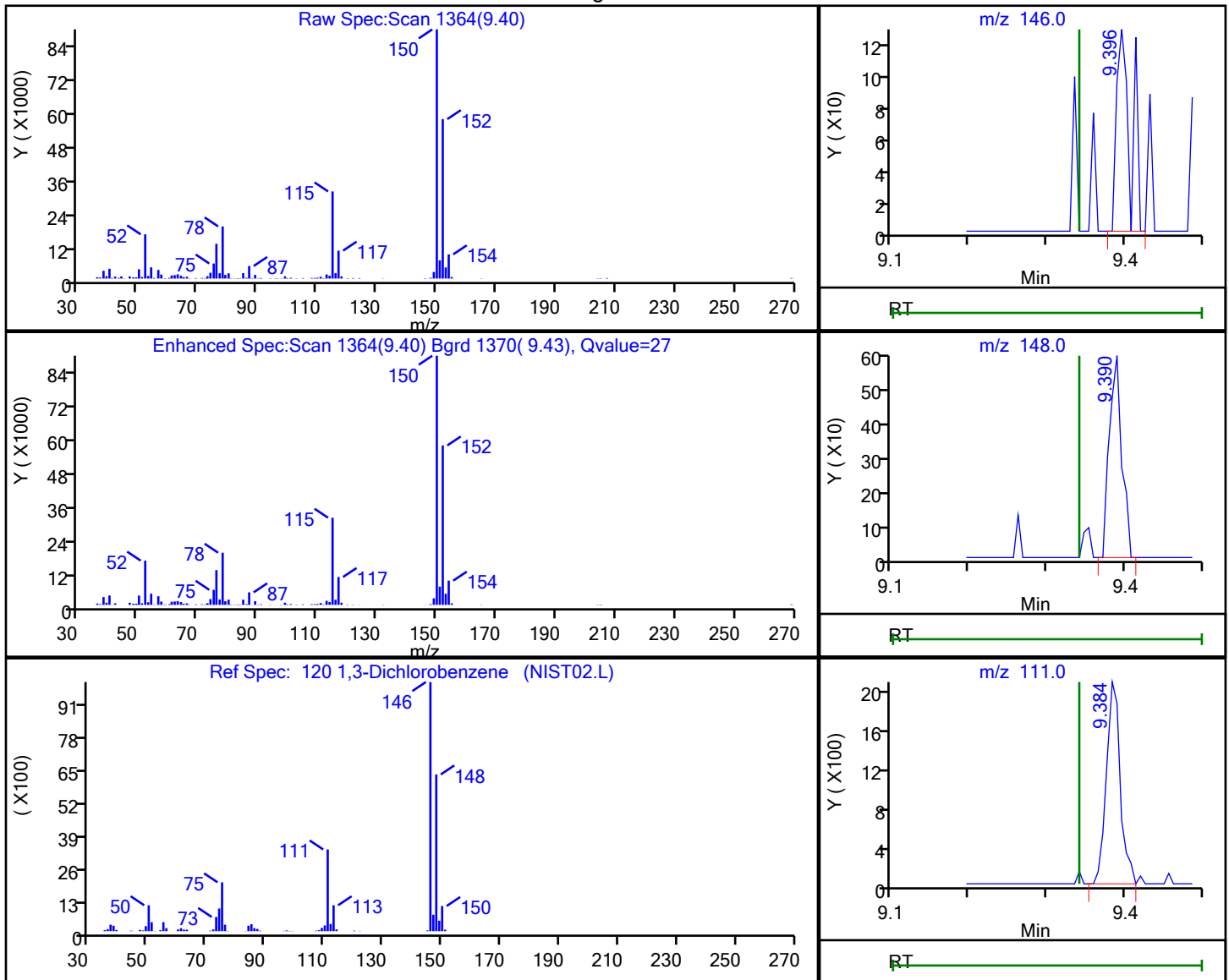
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
9.40	146.00	161	0.027199
9.39	148.00	673	
9.38	111.00	2539	

Reviewer: desais, 25-Feb-2022 13:36:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

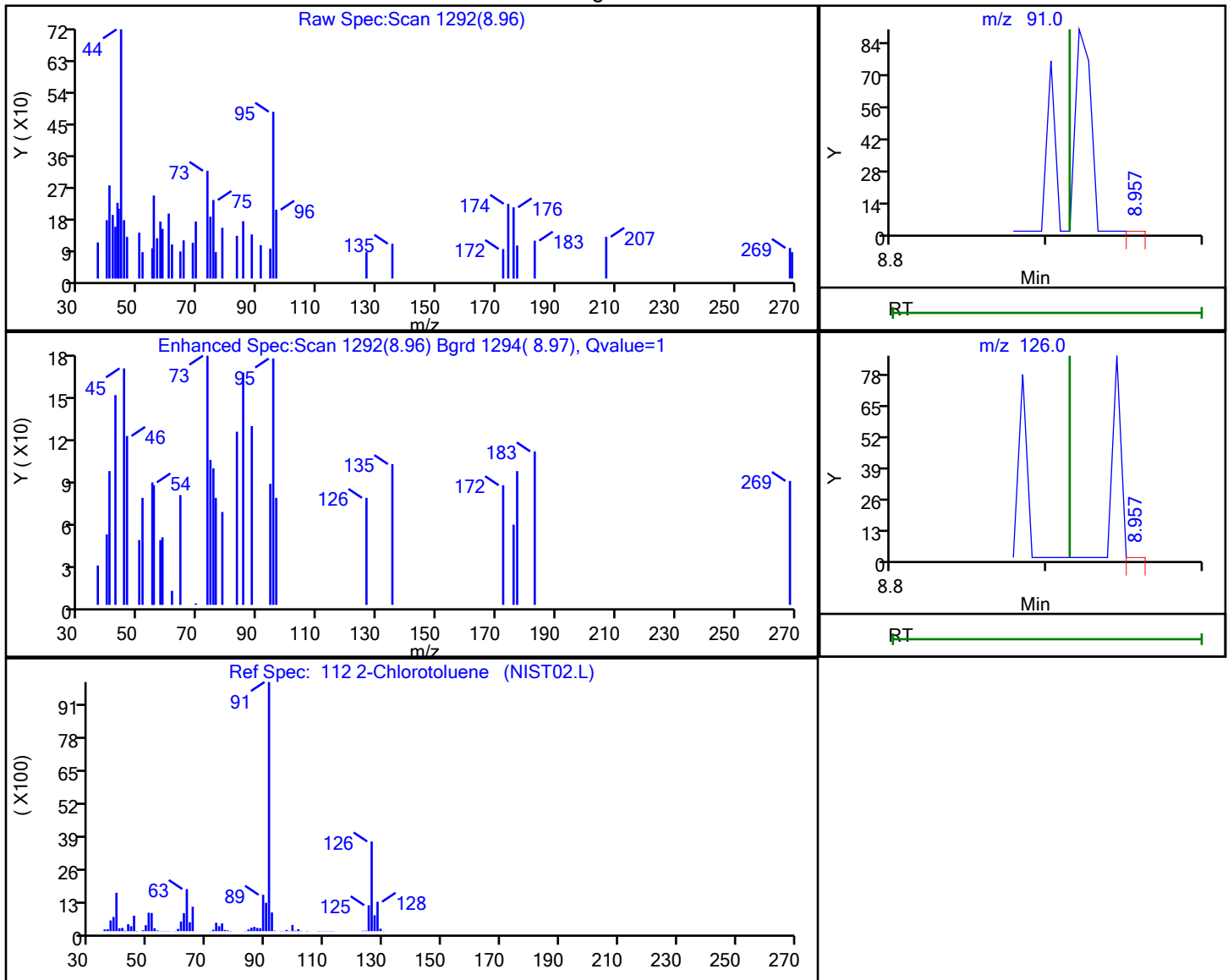
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
8.96	91.00	35	0.002782
8.96	126.00	28	

Reviewer: desais, 25-Feb-2022 13:36:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

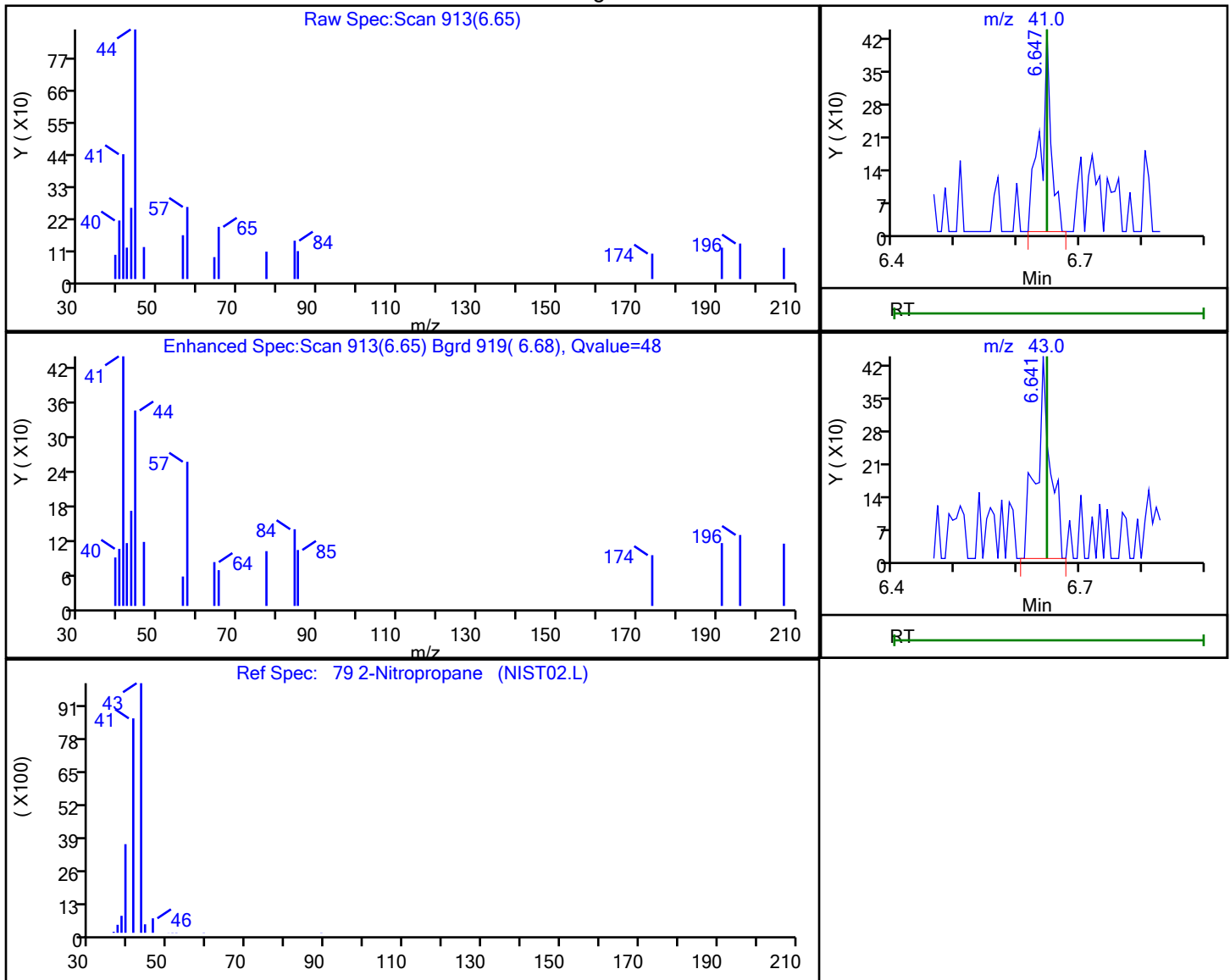
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.65	41.00	512	1.190434
6.64	43.00	676	

Reviewer: desais, 25-Feb-2022 13:36:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

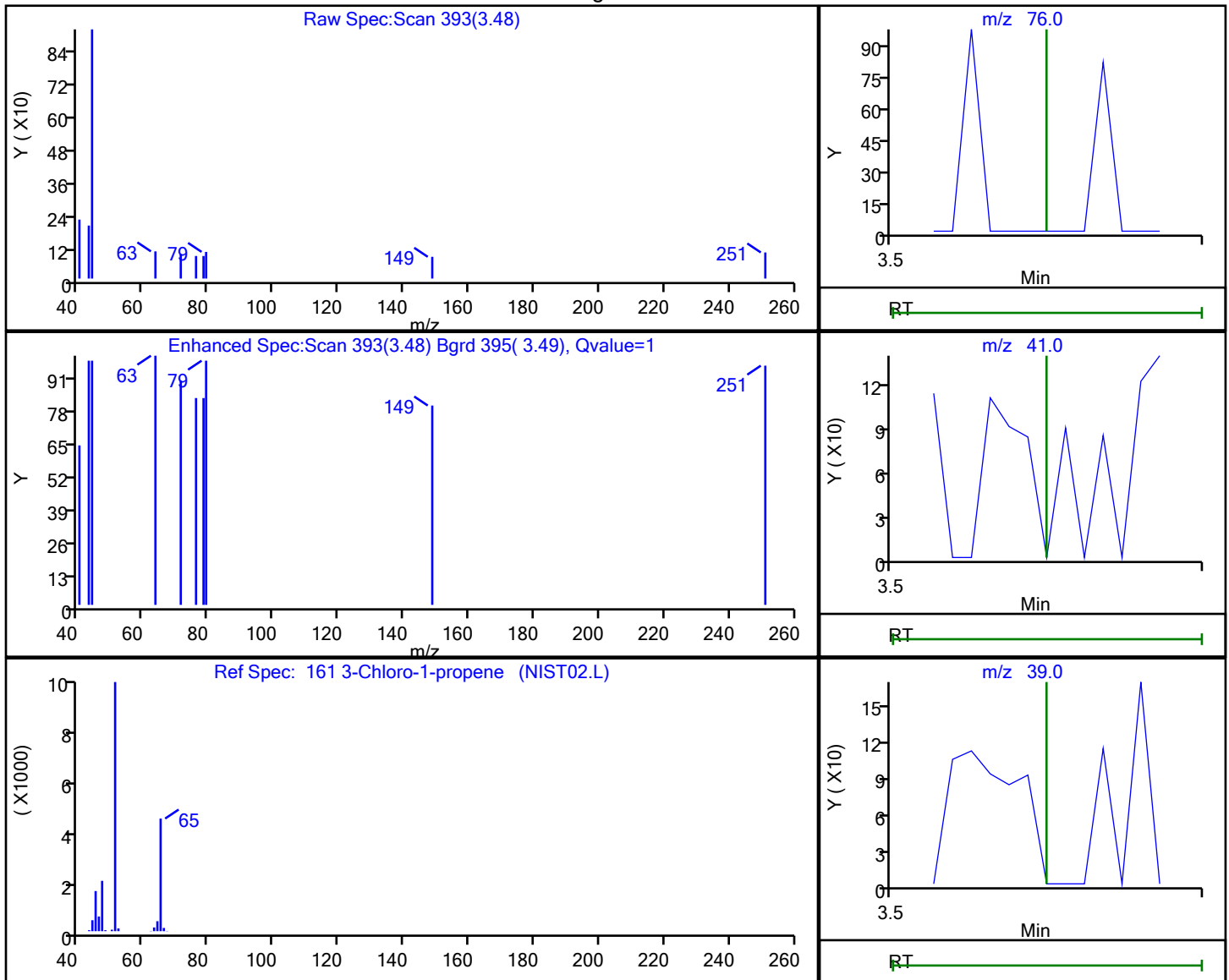
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

161 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.48	76.00	30	0.015090
3.47	41.00	31	
3.47	39.00	81	

Reviewer: desais, 25-Feb-2022 13:35:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

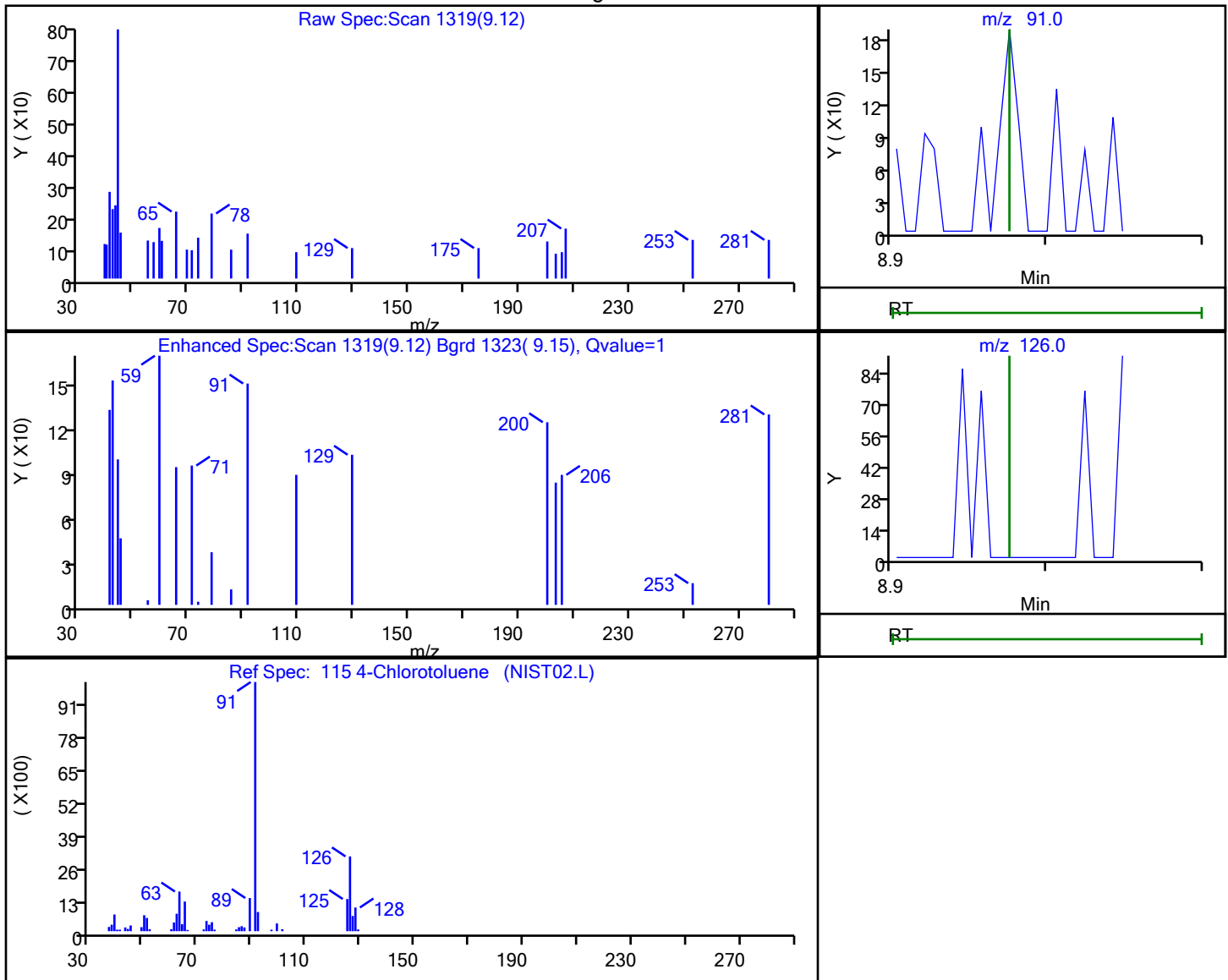
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
9.12	91.00	117	0.011781
9.13	126.00	124	

Reviewer: desais, 25-Feb-2022 13:36:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

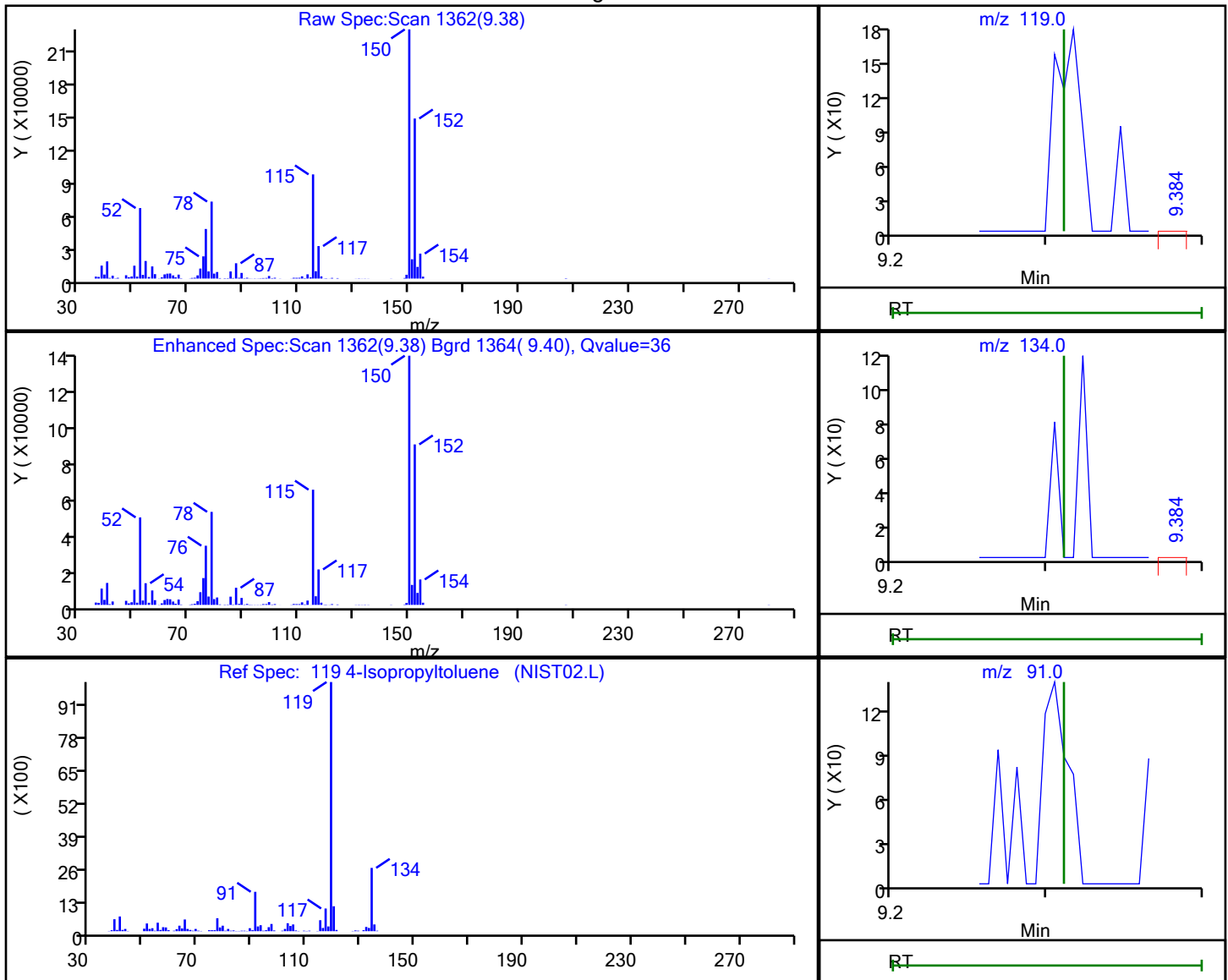
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
9.38	119.00	87	0.007246
9.38	134.00	81	
9.38	91.00	772	

Reviewer: desais, 25-Feb-2022 13:36:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

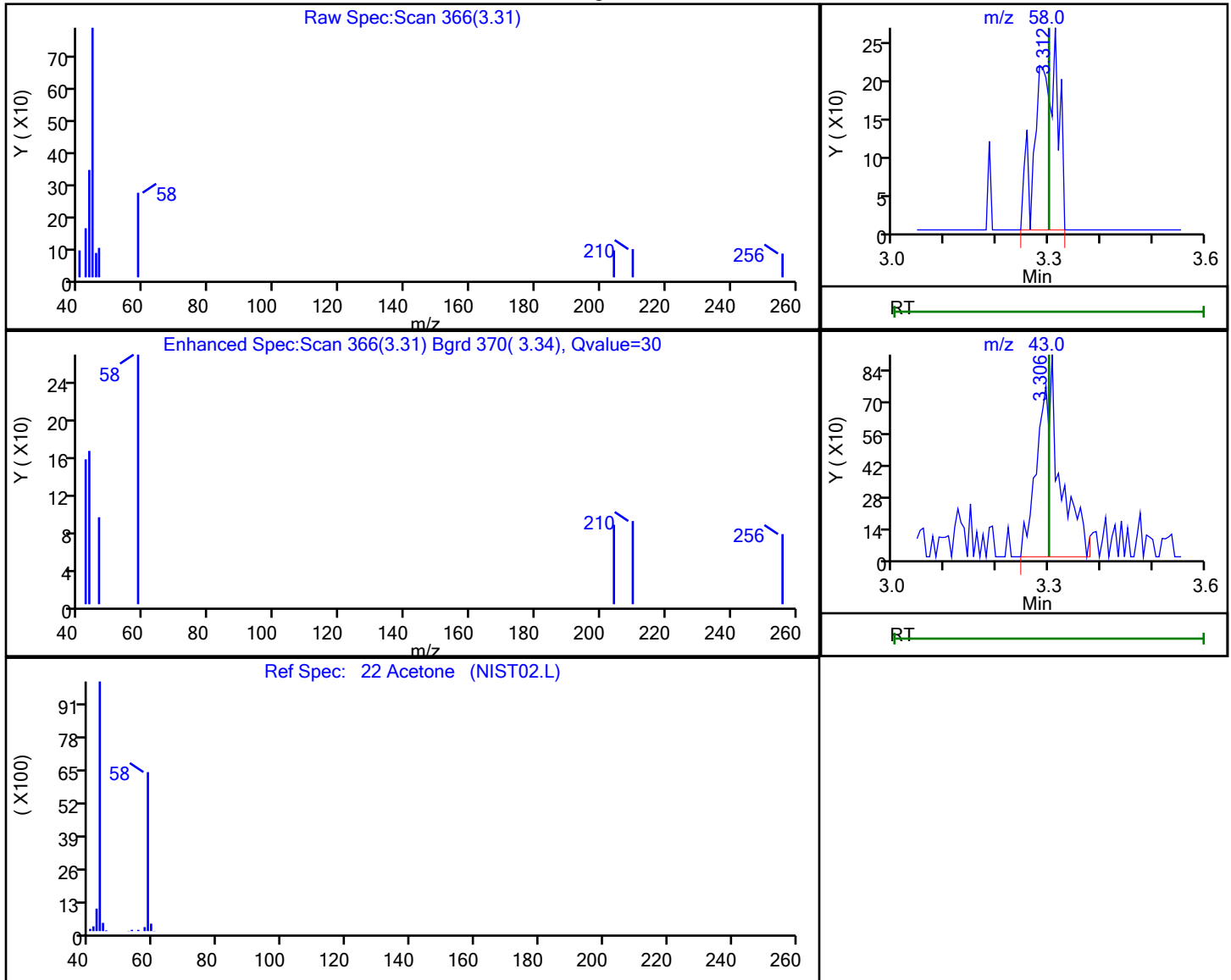
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.31	58.00	720	1.855611
3.31	43.00	2623	

Reviewer: desais, 25-Feb-2022 13:35:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

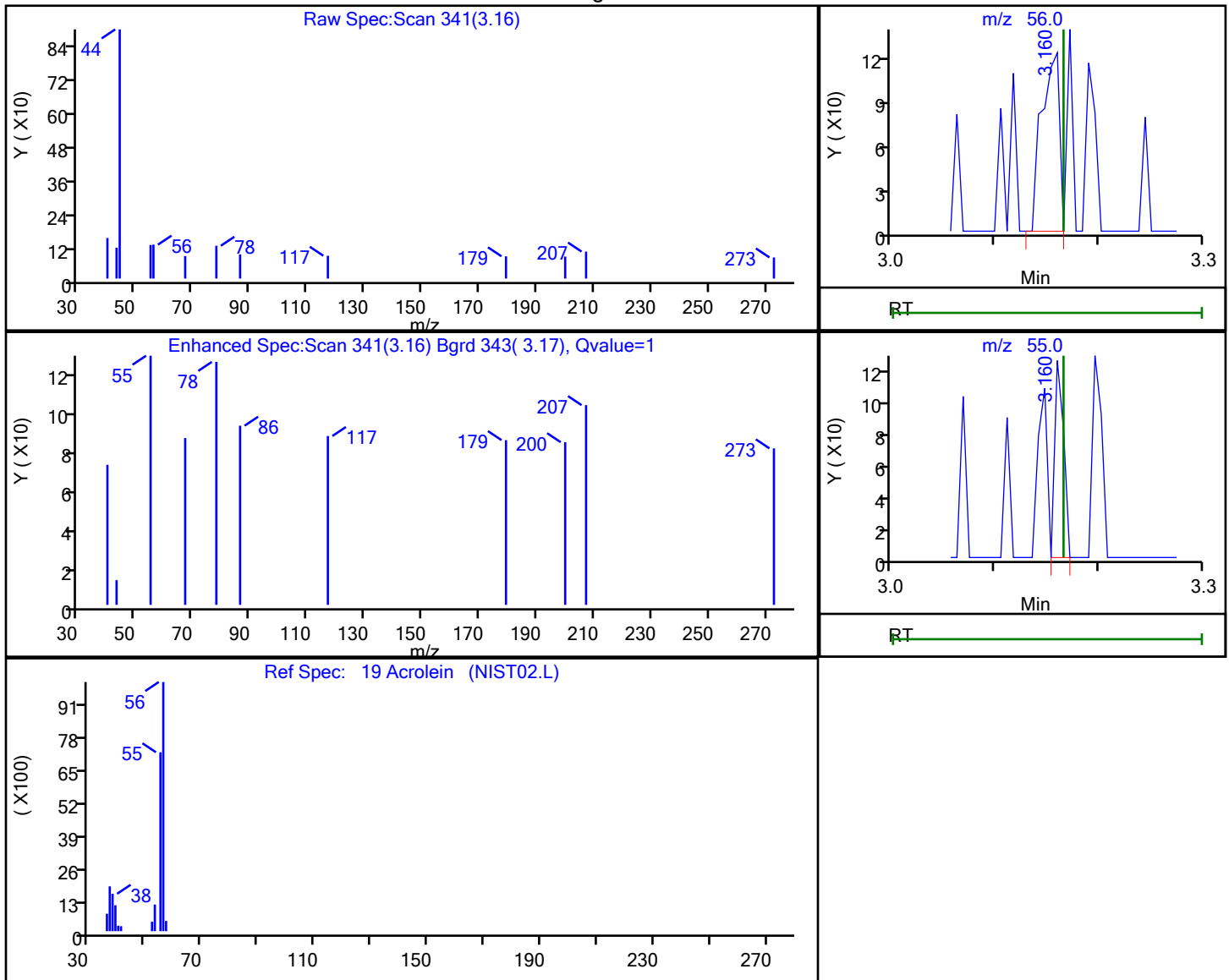
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
3.16	56.00	146	0.484763
3.16	55.00	73	

Reviewer: desais, 25-Feb-2022 13:35:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

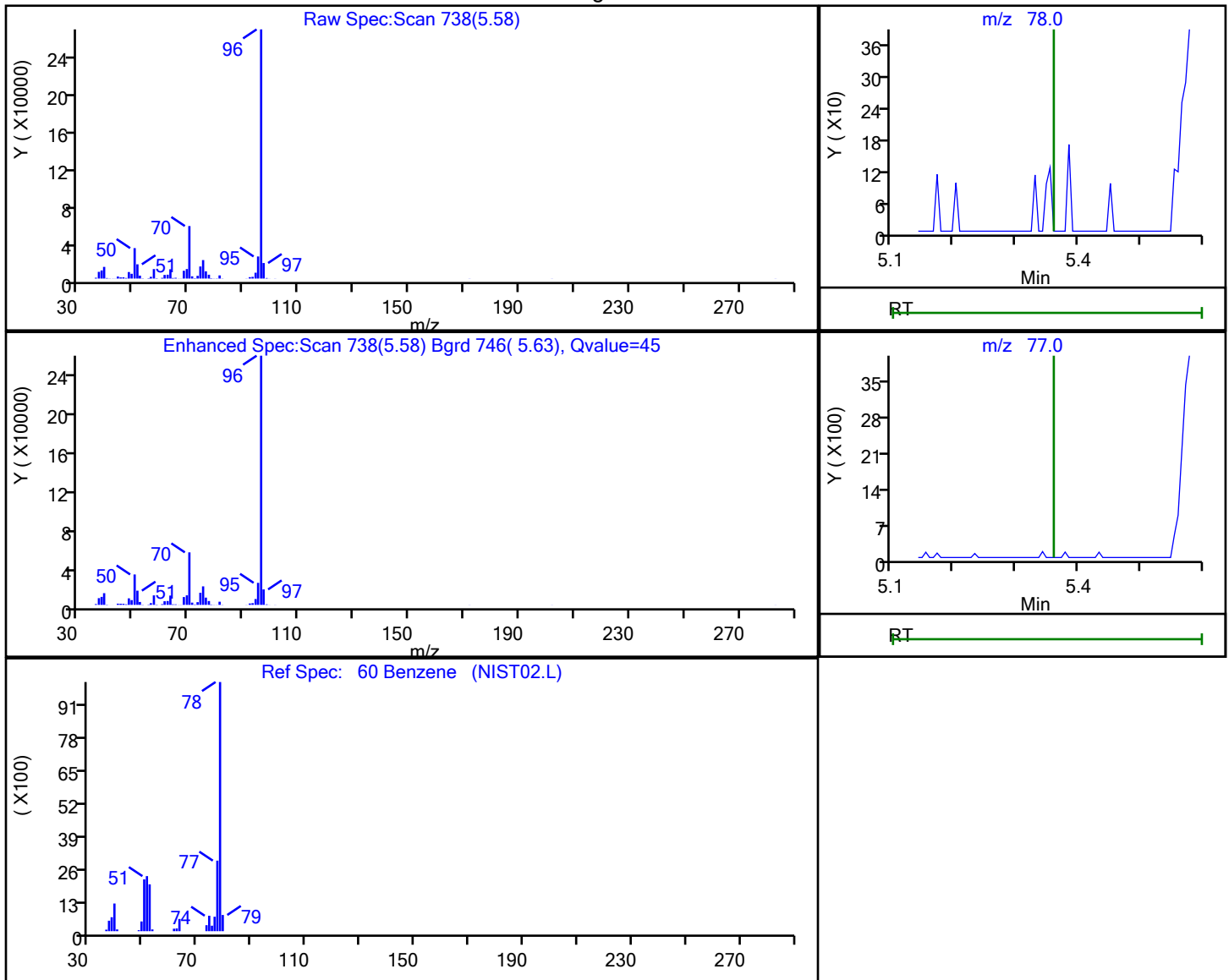
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.58	78.00	915	0.072384
5.59	77.00	7929	

Reviewer: desais, 25-Feb-2022 13:36:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

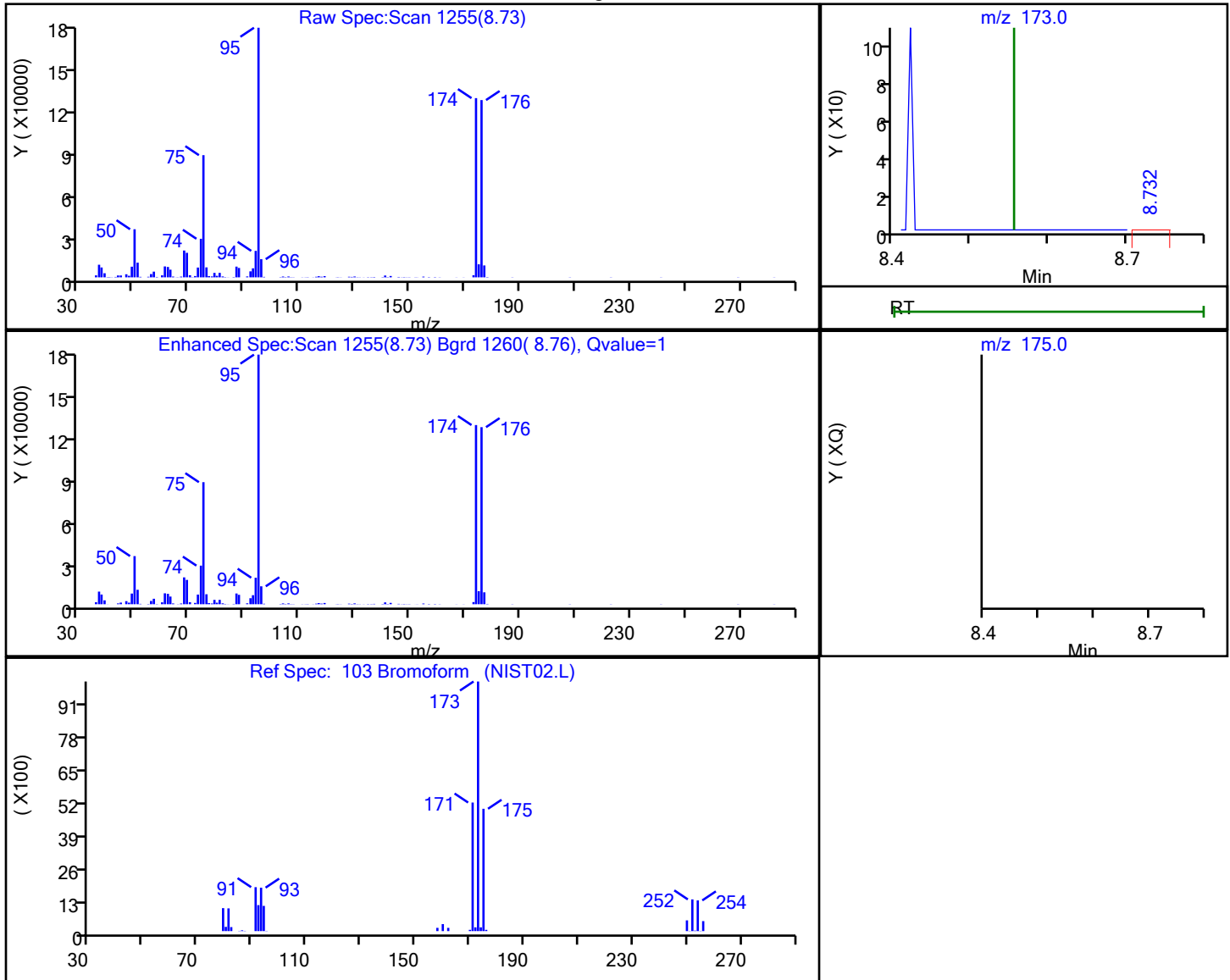
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.73	173.00	1074	1.165488
8.73	175.00	9379	

Reviewer: desais, 25-Feb-2022 13:36:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

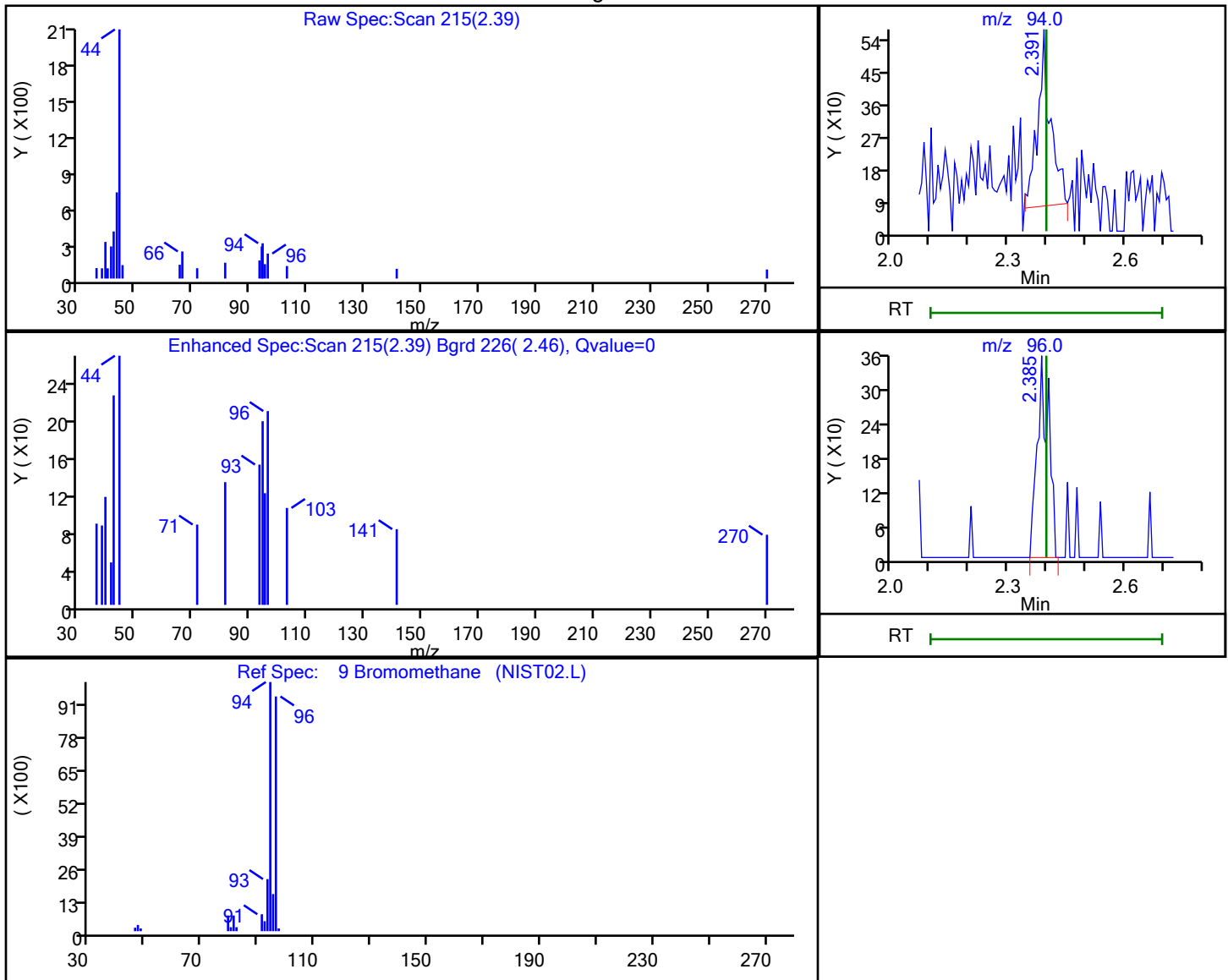
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.39	94.00	1133	0.376526
2.39	96.00	722	

Reviewer: desais, 25-Feb-2022 13:35:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

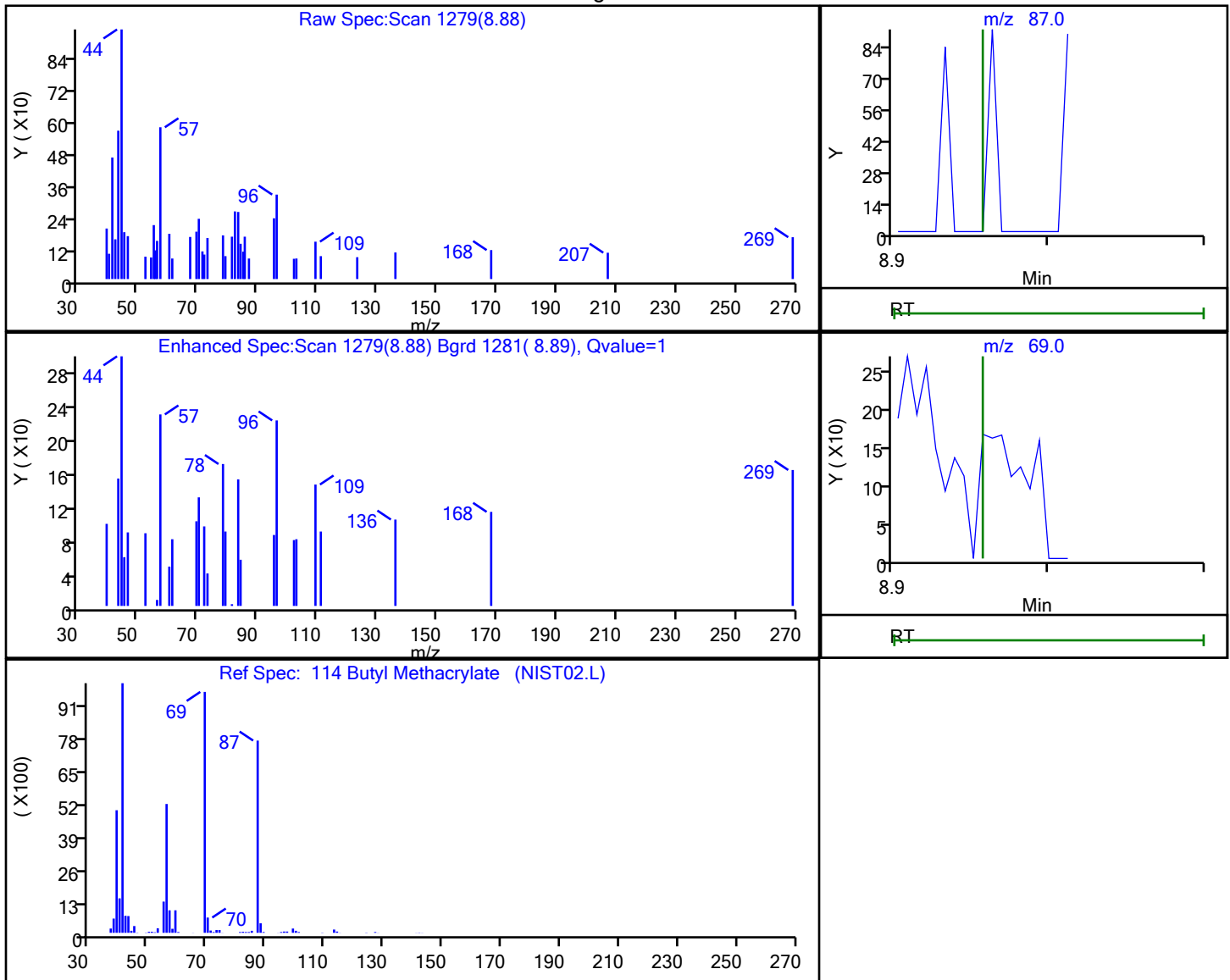
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
8.88	87.00	29	0.008966
8.87	69.00	320	

Reviewer: desais, 25-Feb-2022 13:36:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

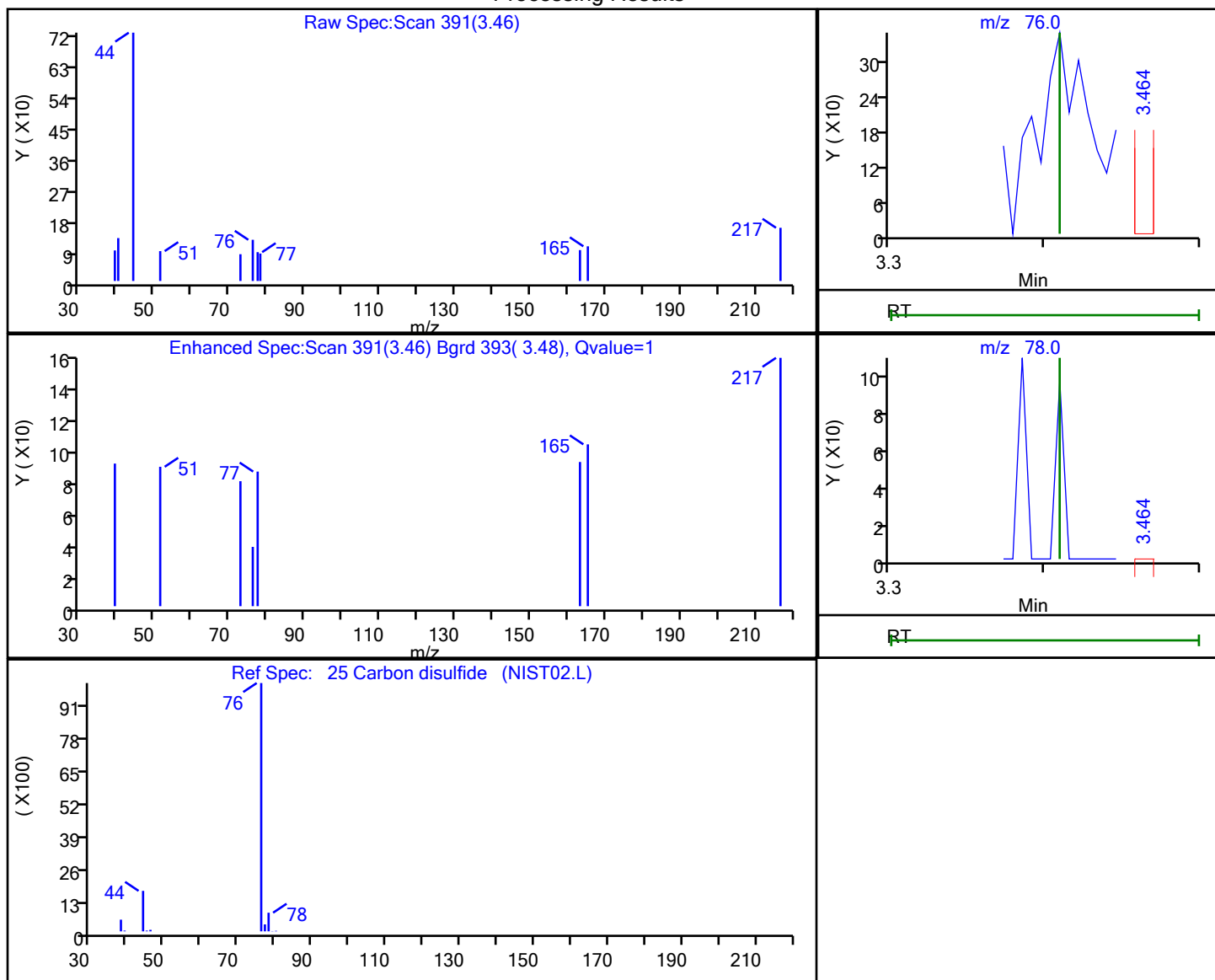
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.46	76.00	44	0.003571
3.46	78.00	29	

Reviewer: desais, 25-Feb-2022 13:35:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

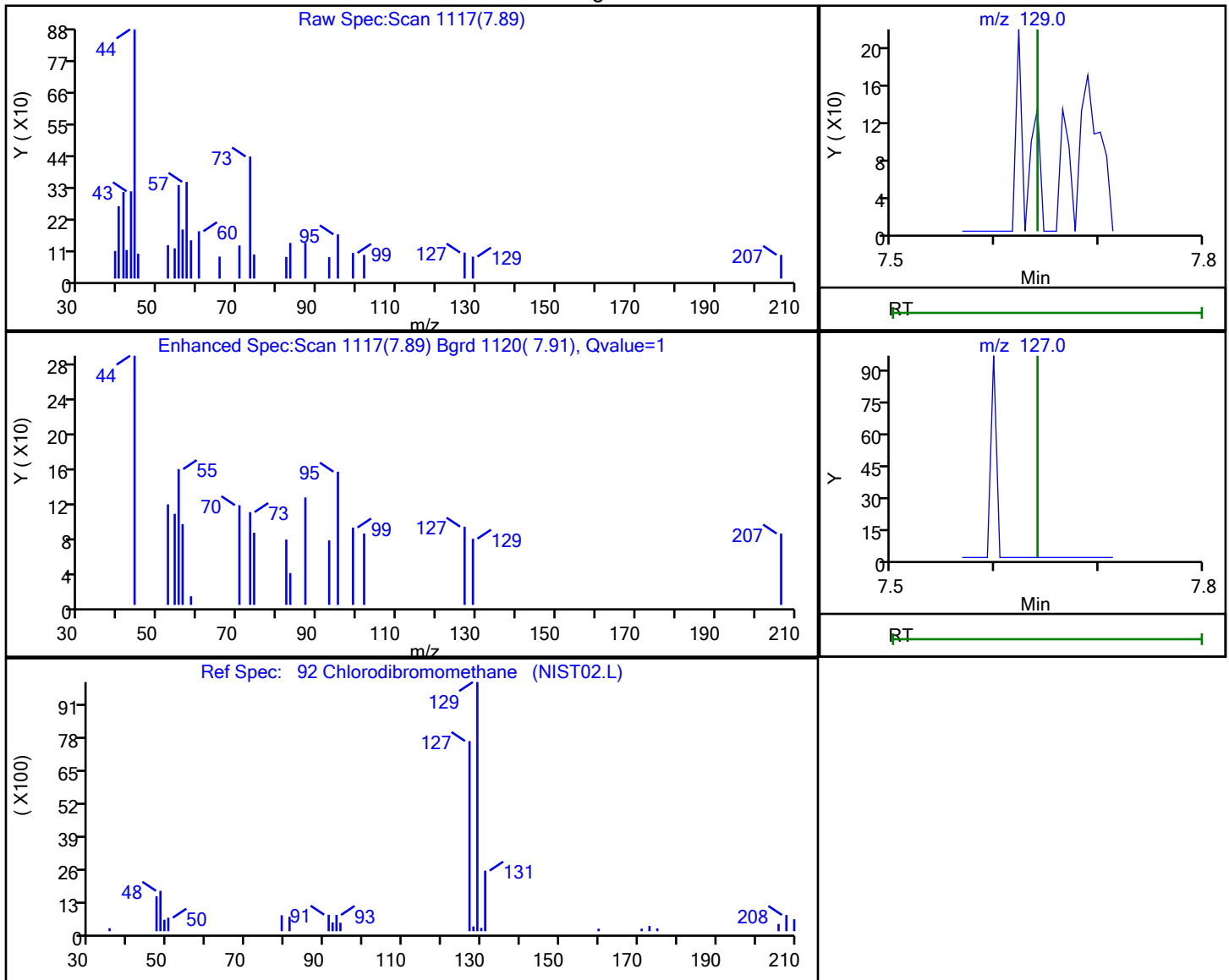
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

92 Chlorodibromomethane, CAS: 124-48-1

Processing Results



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

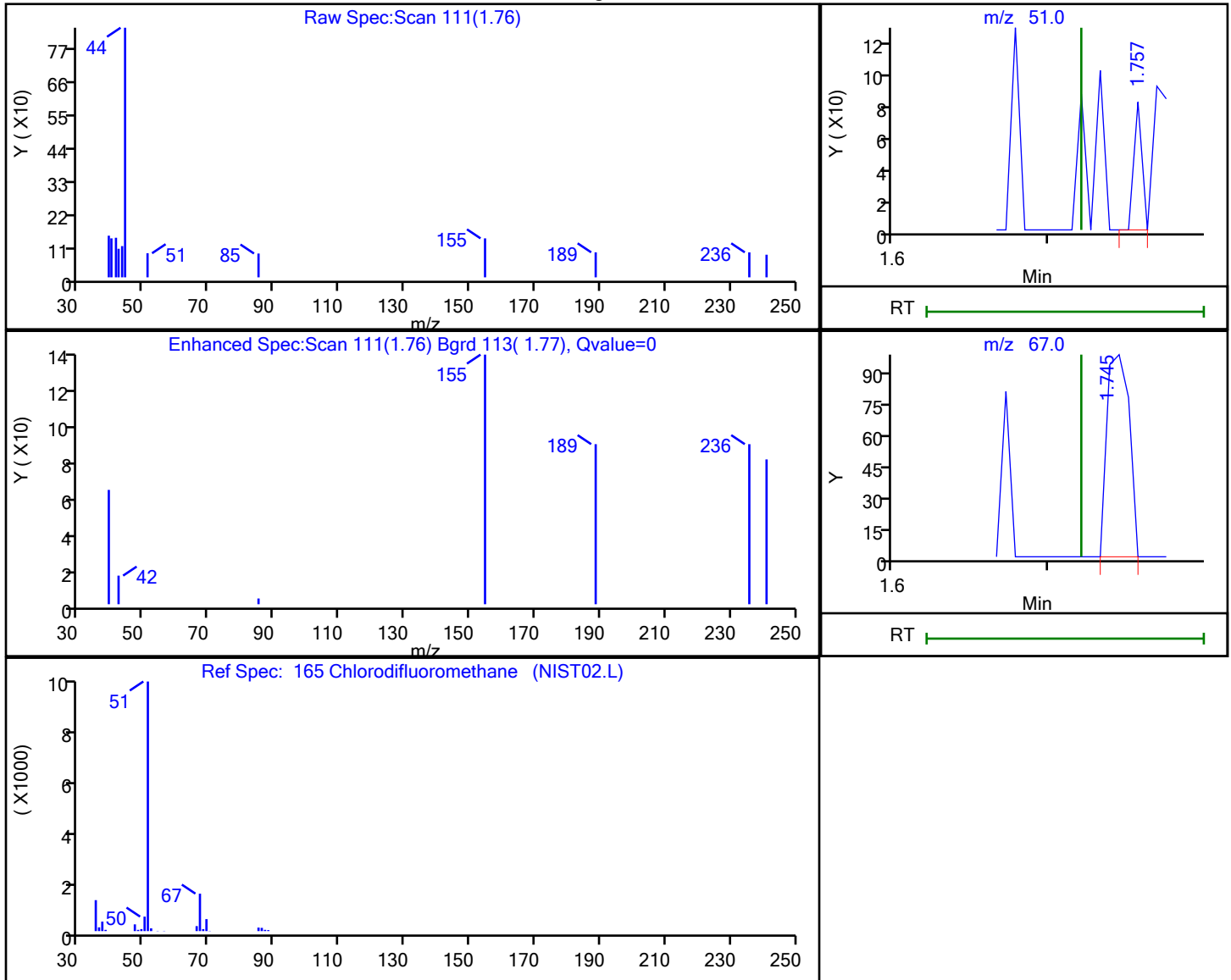
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.76	51.00	30	0.006709
1.75	67.00	99	

Reviewer: desais, 25-Feb-2022 13:35:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

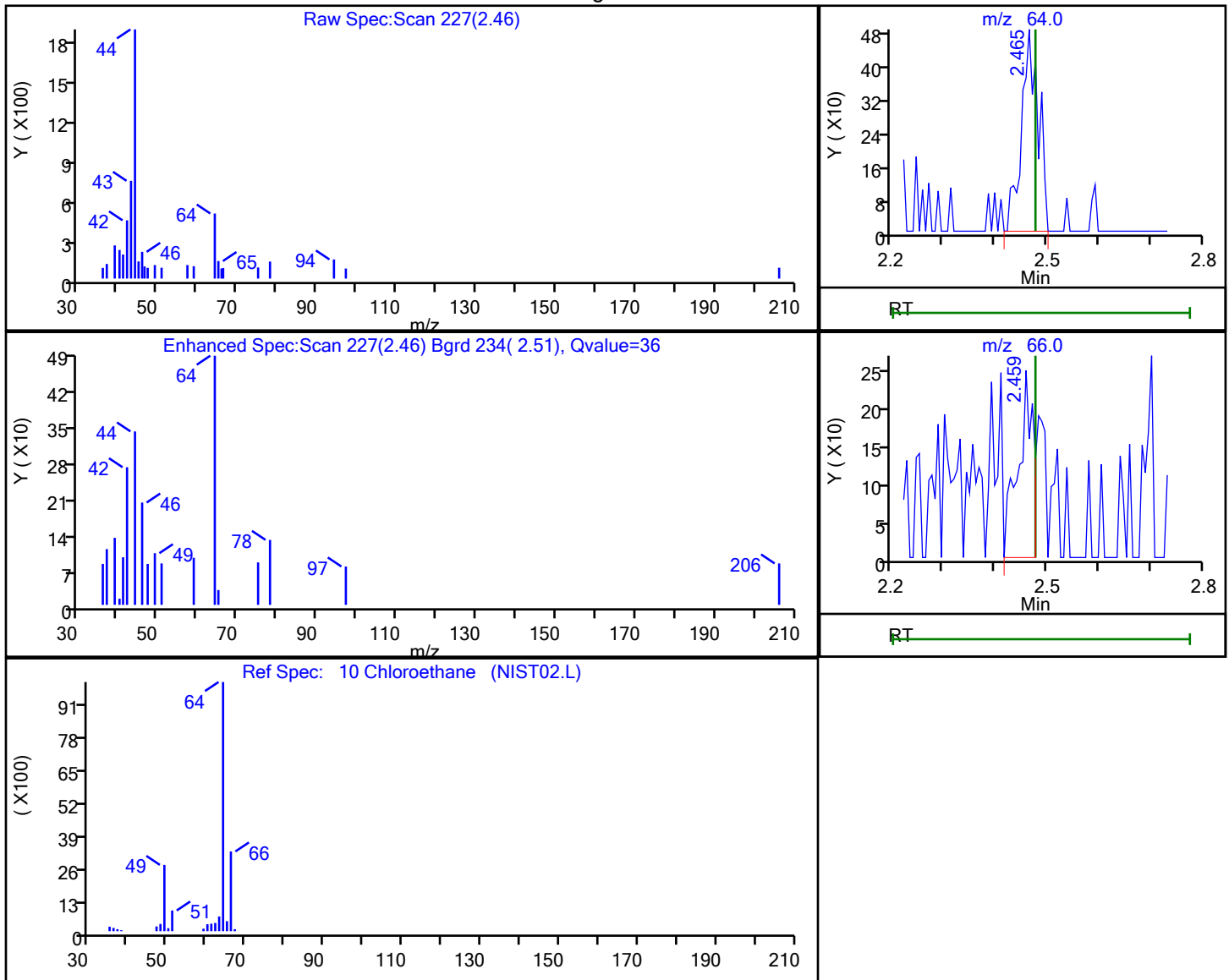
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.46	64.00	1103	0.344037
2.46	66.00	492	

Reviewer: desais, 25-Feb-2022 13:35:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

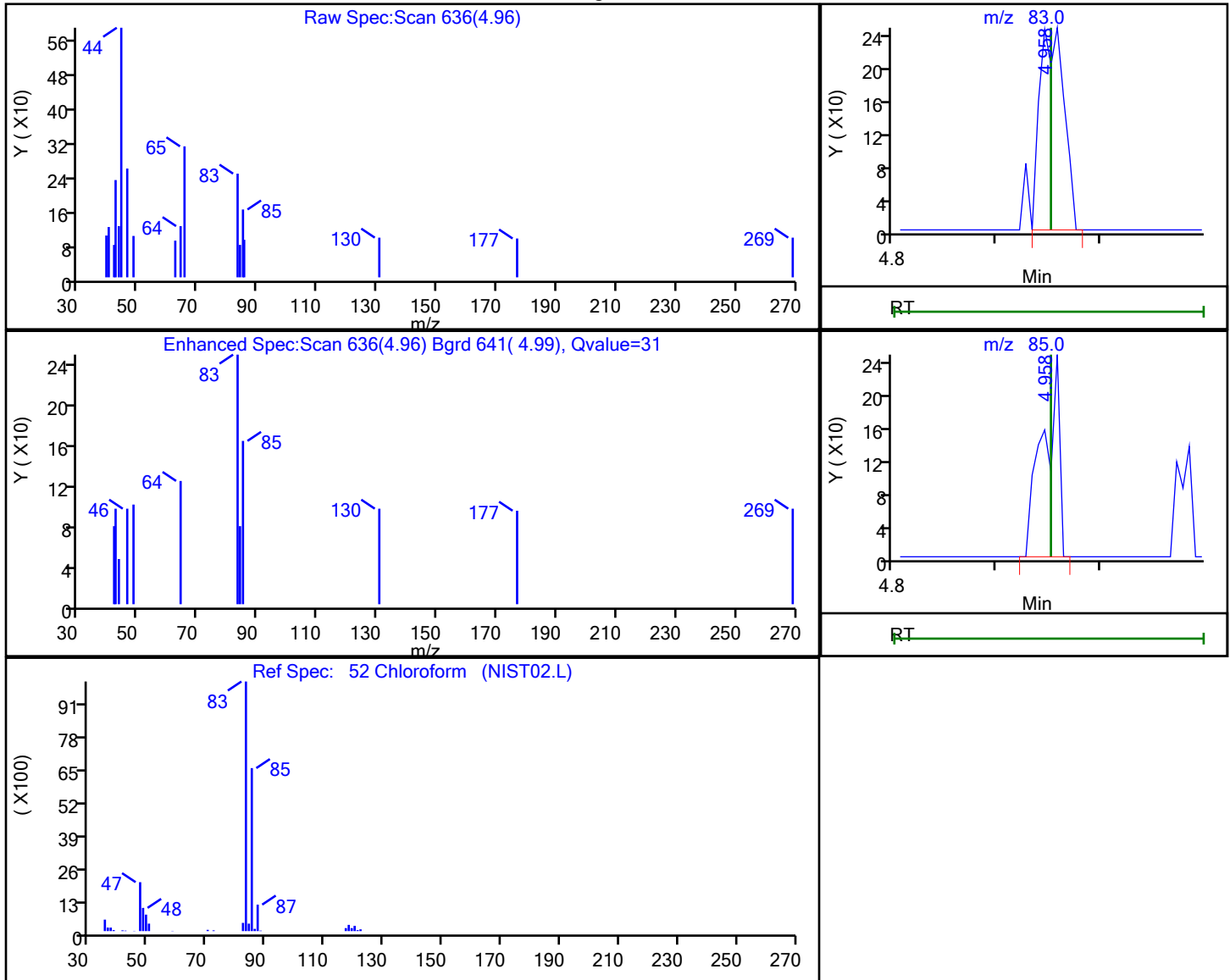
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

52 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.96	83.00	396	0.075357
4.96	85.00	272	

Reviewer: desais, 25-Feb-2022 13:36:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

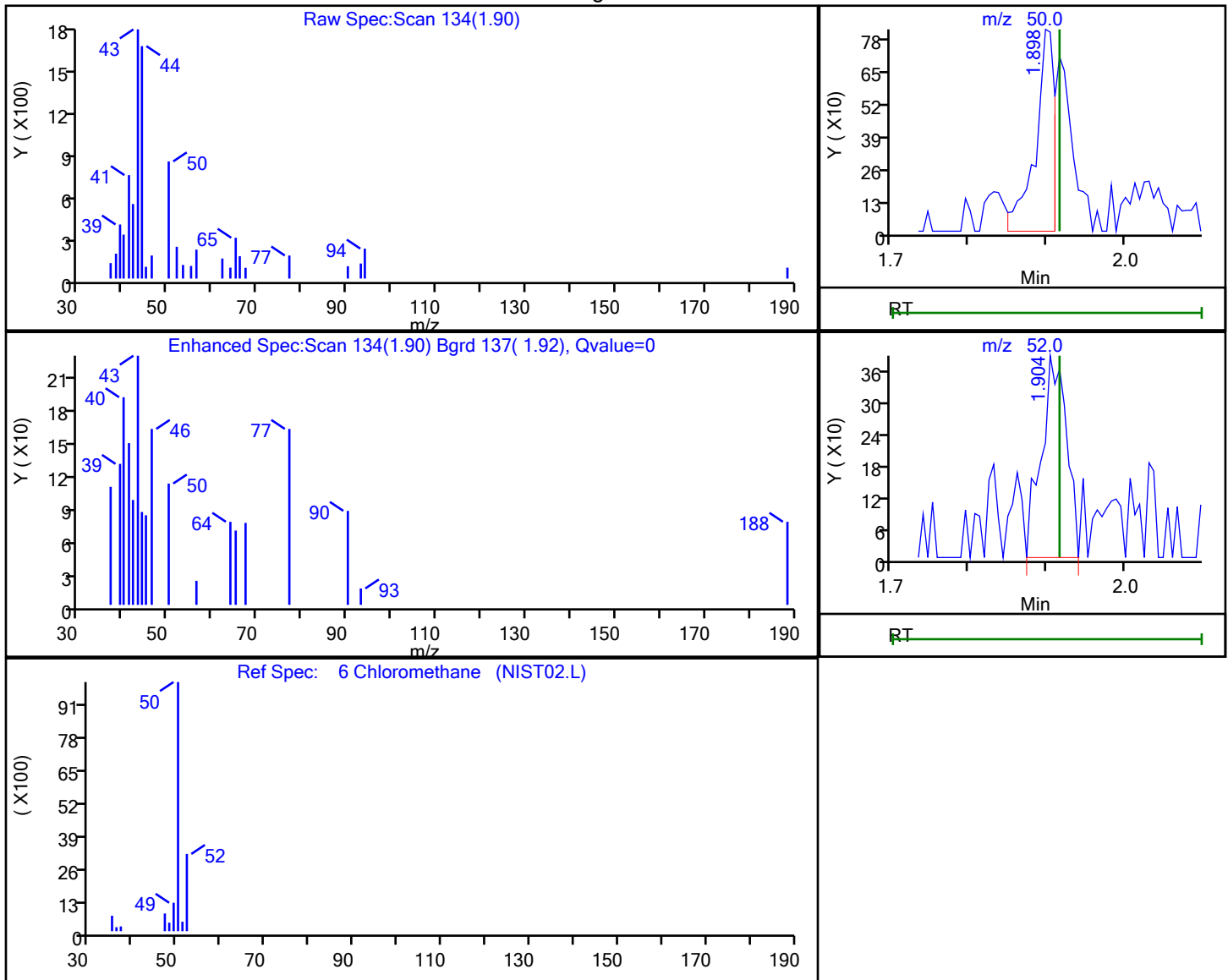
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.90	50.00	1408	0.244719
1.90	52.00	882	

Reviewer: desais, 25-Feb-2022 13:35:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

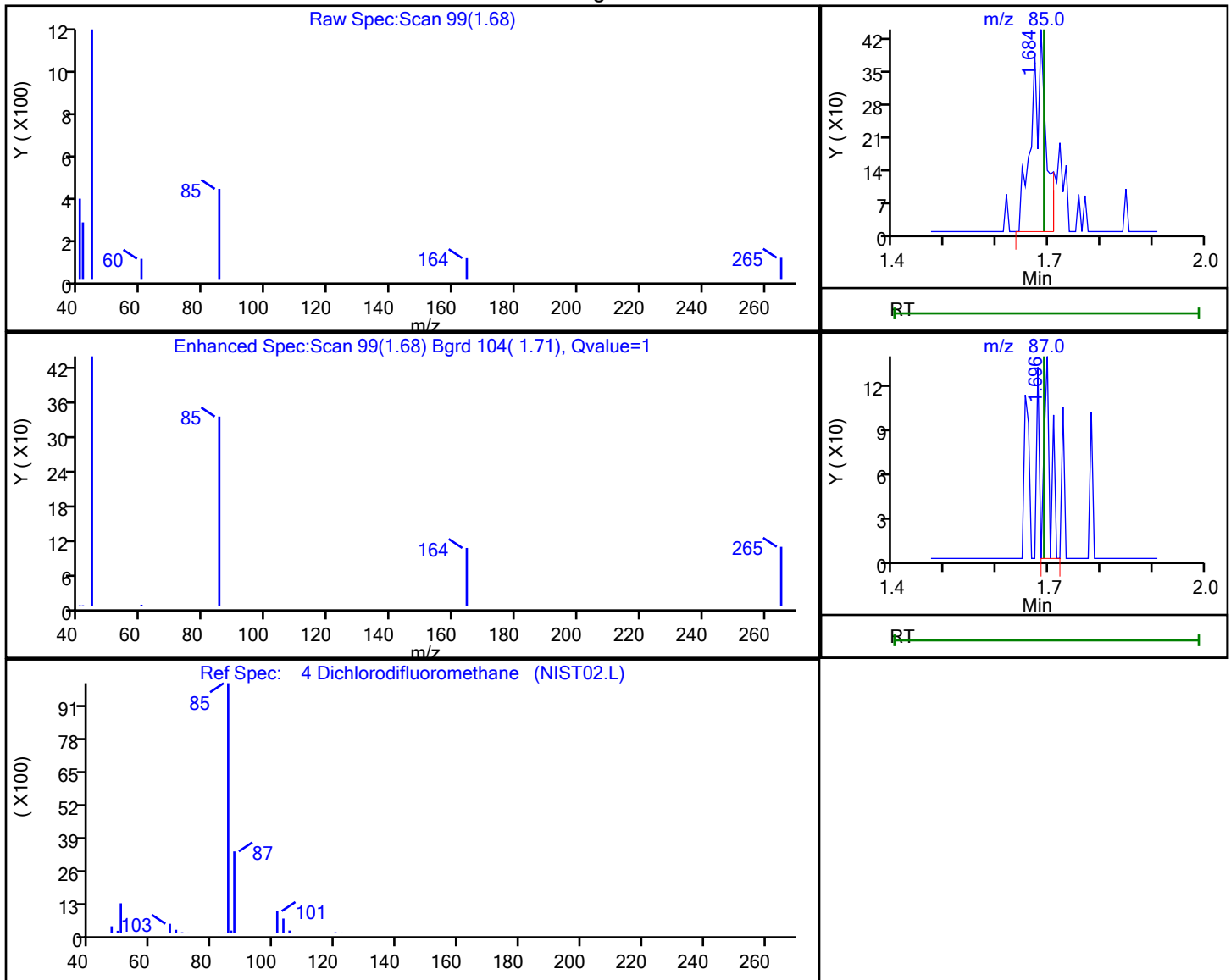
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.68	85.00	812	0.195246
1.70	87.00	110	

Reviewer: desais, 25-Feb-2022 13:35:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

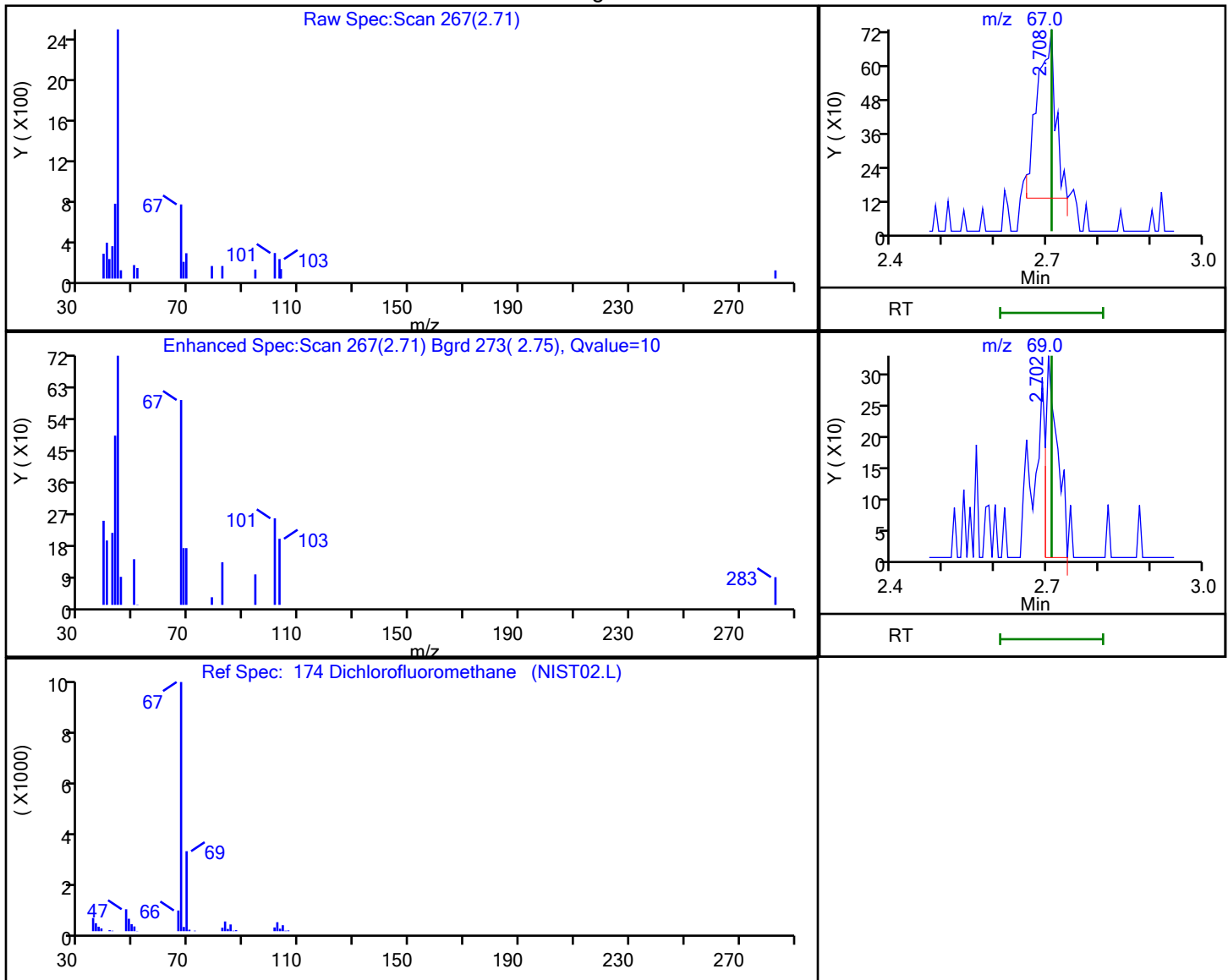
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

174 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.71	67.00	1466	0.219856
2.70	69.00	504	

Reviewer: desais, 25-Feb-2022 13:35:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

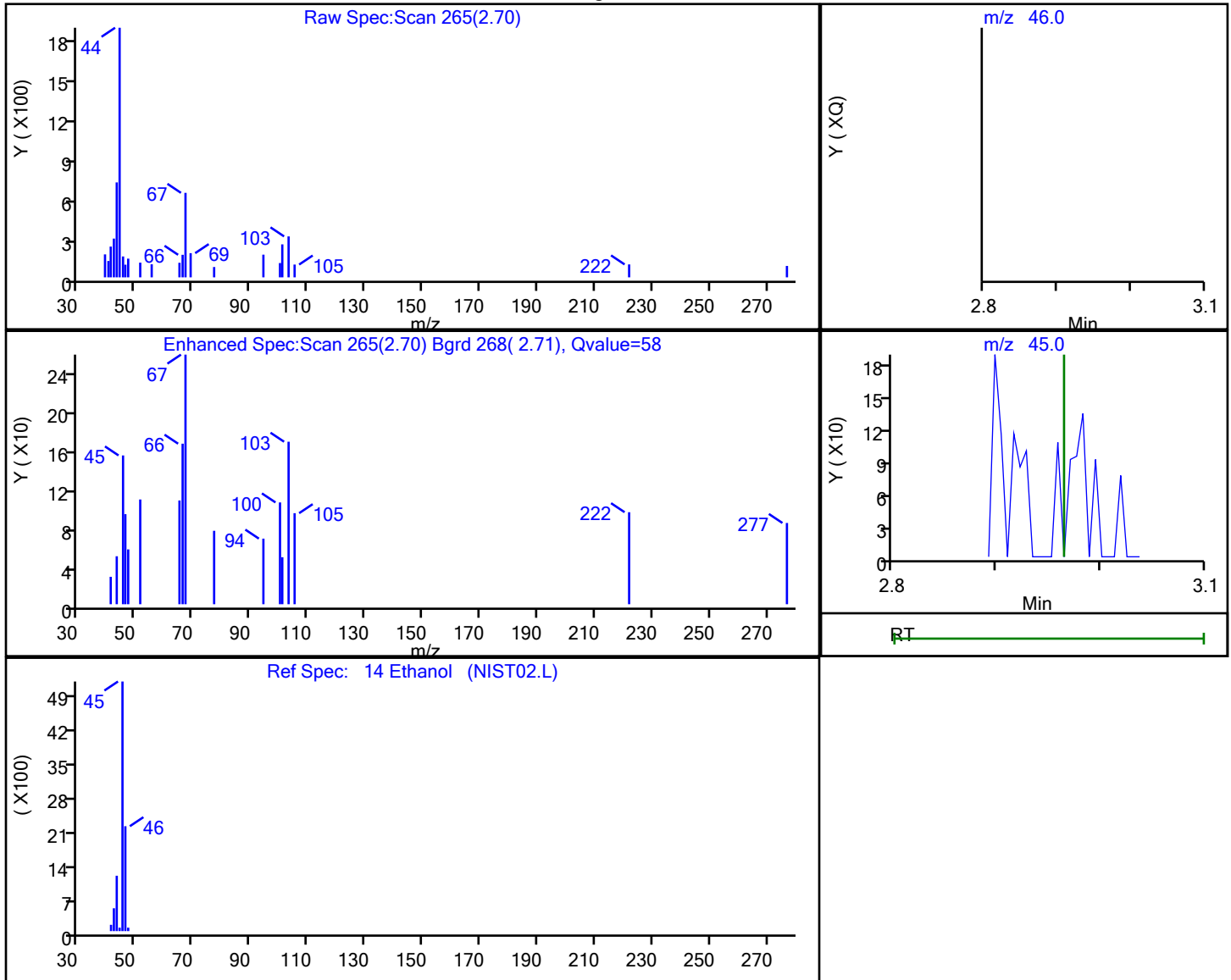
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.70	46.00	34	2.536448
2.68	45.00	339	

Reviewer: desais, 25-Feb-2022 13:35:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

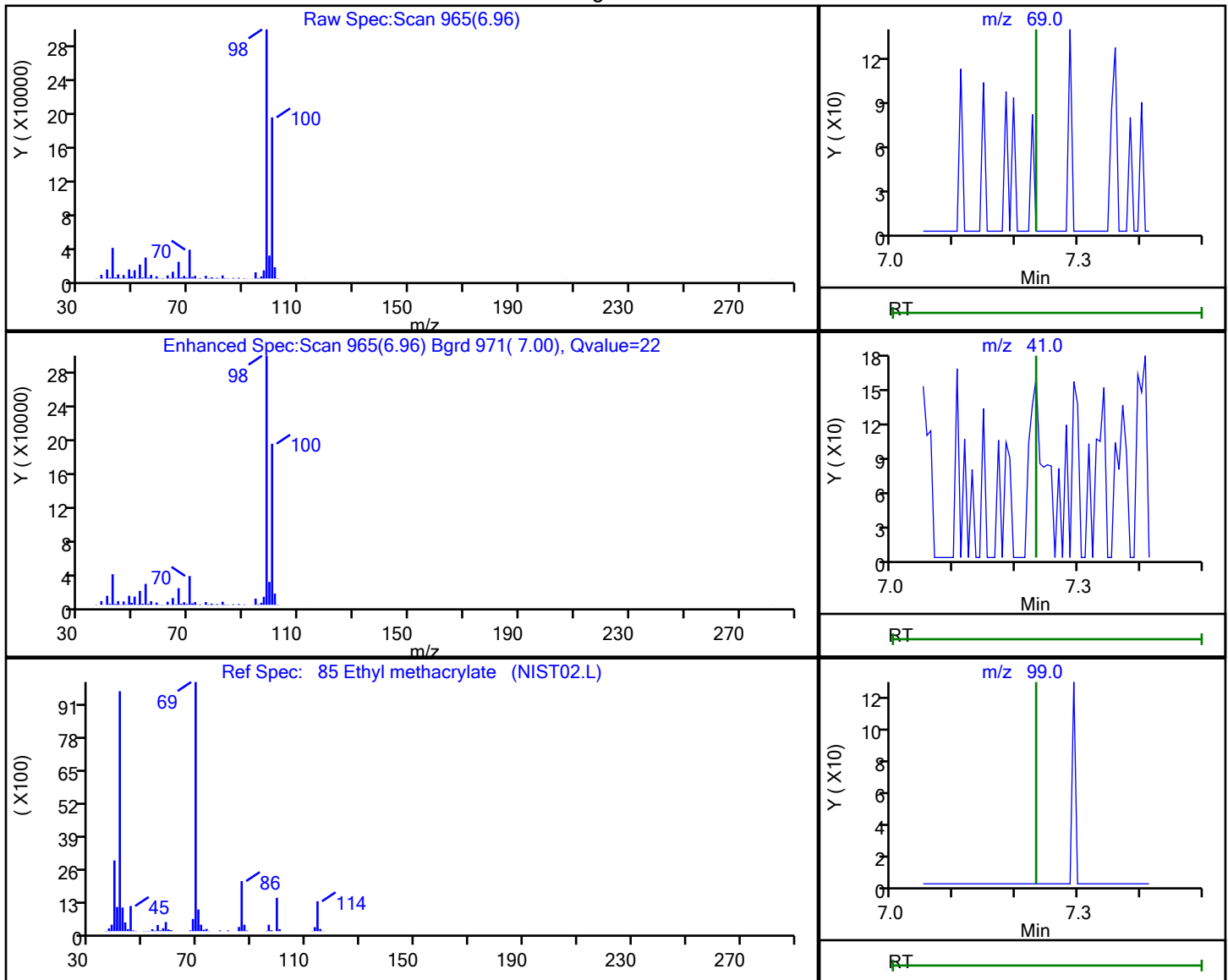
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

85 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.96	69.00	1630	0.448415
6.96	41.00	2020	
6.96	99.00	48791	

Reviewer: desais, 25-Feb-2022 13:36:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

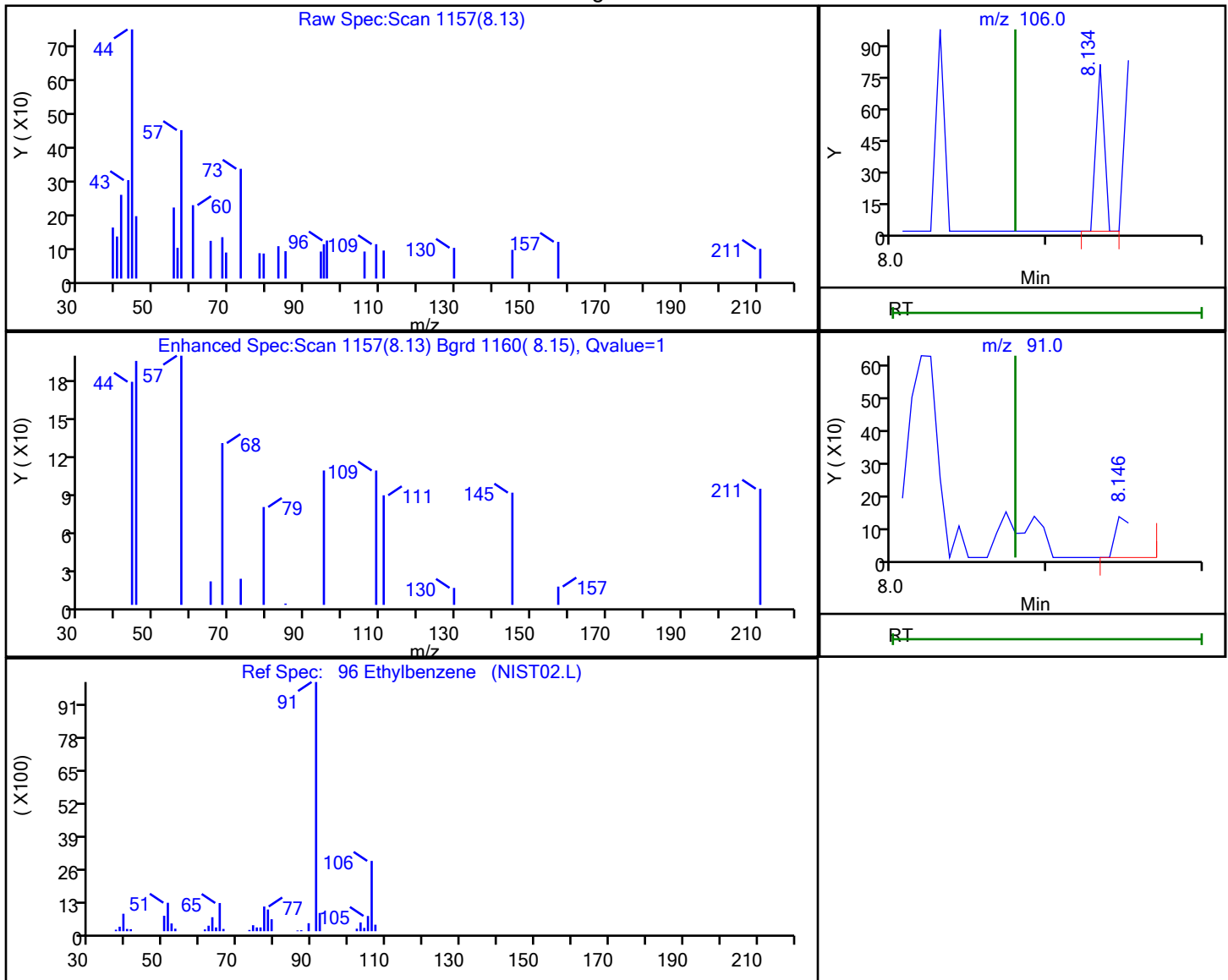
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.13	106.00	30	0.007074
8.15	91.00	122	

Reviewer: desais, 25-Feb-2022 13:36:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

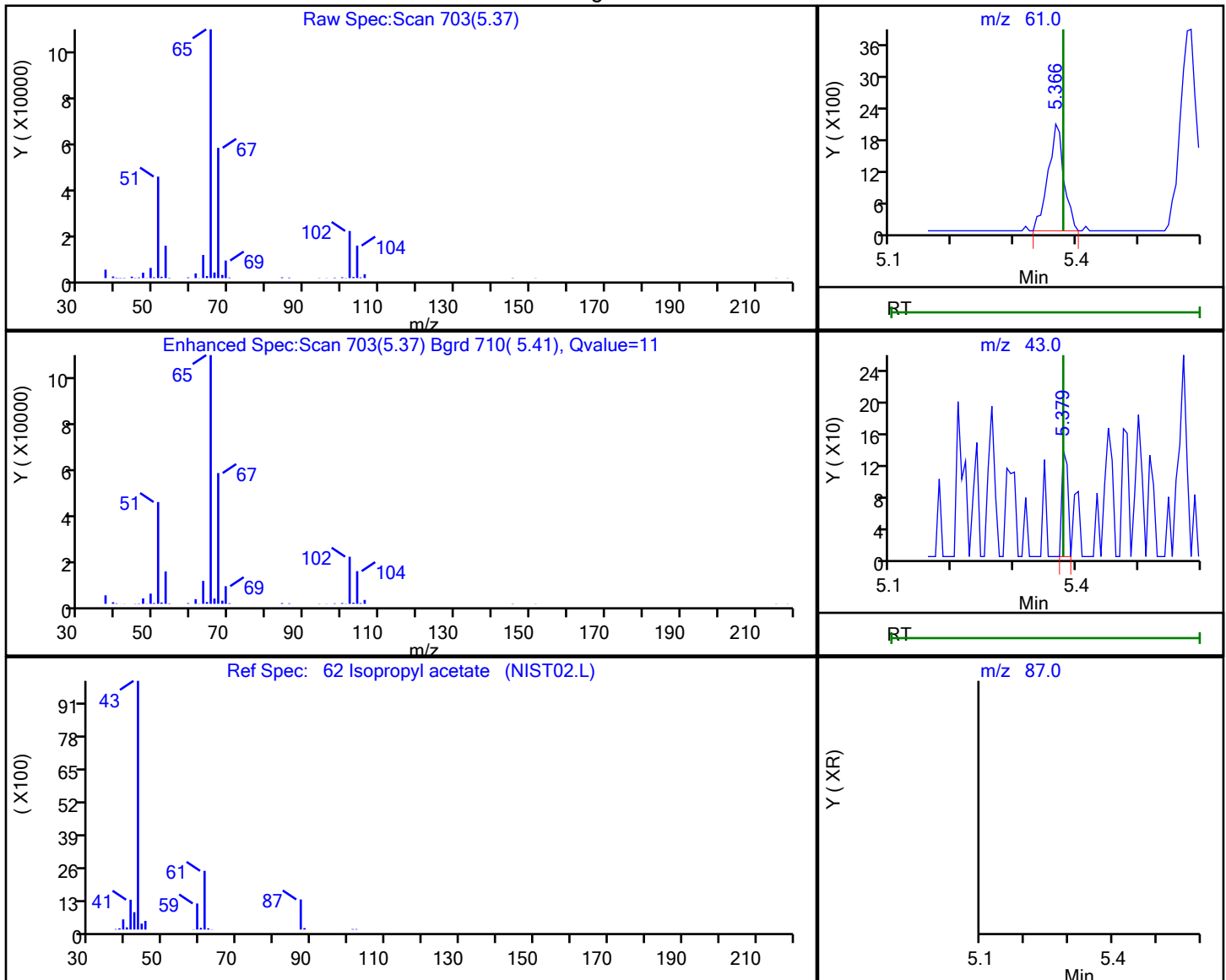
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.37	61.00	3590	2.664478
5.38	43.00	94	
5.38	87.00	0	

Reviewer: desais, 25-Feb-2022 13:36:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

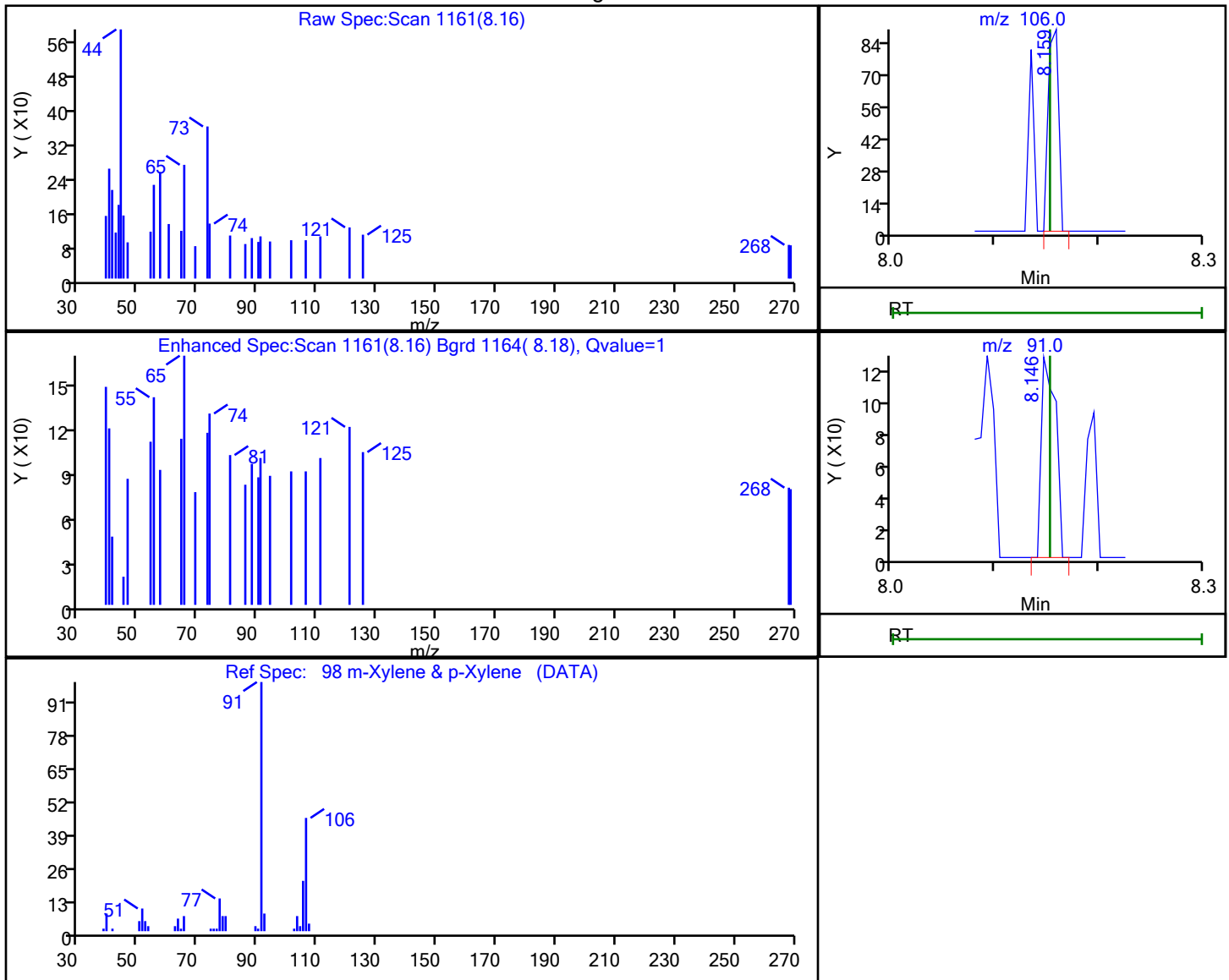
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.16	106.00	63	0.012509
8.15	91.00	122	

Reviewer: desais, 25-Feb-2022 13:36:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

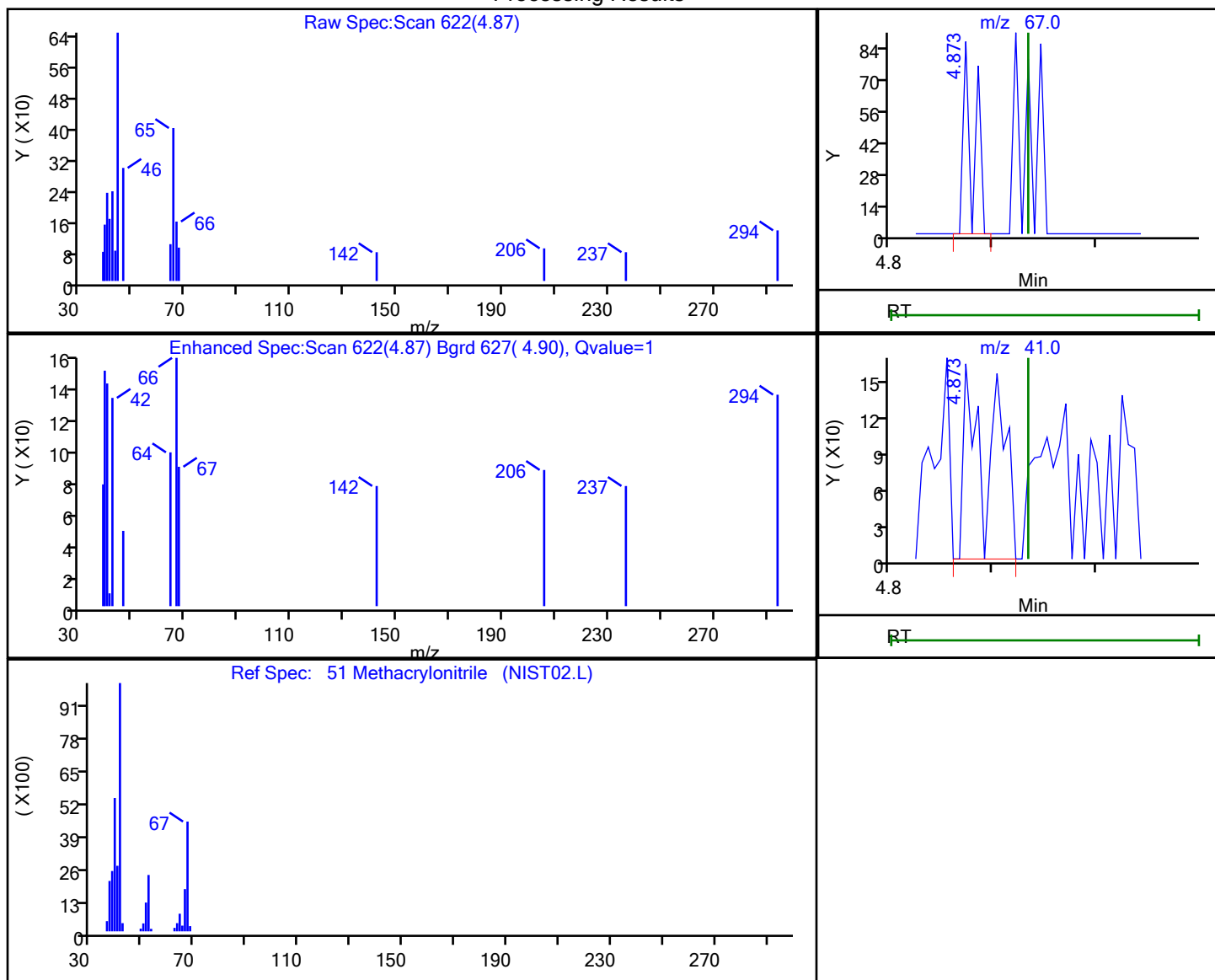
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.87	67.00	60	0.042462
4.87	41.00	303	

Reviewer: desais, 25-Feb-2022 13:36:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

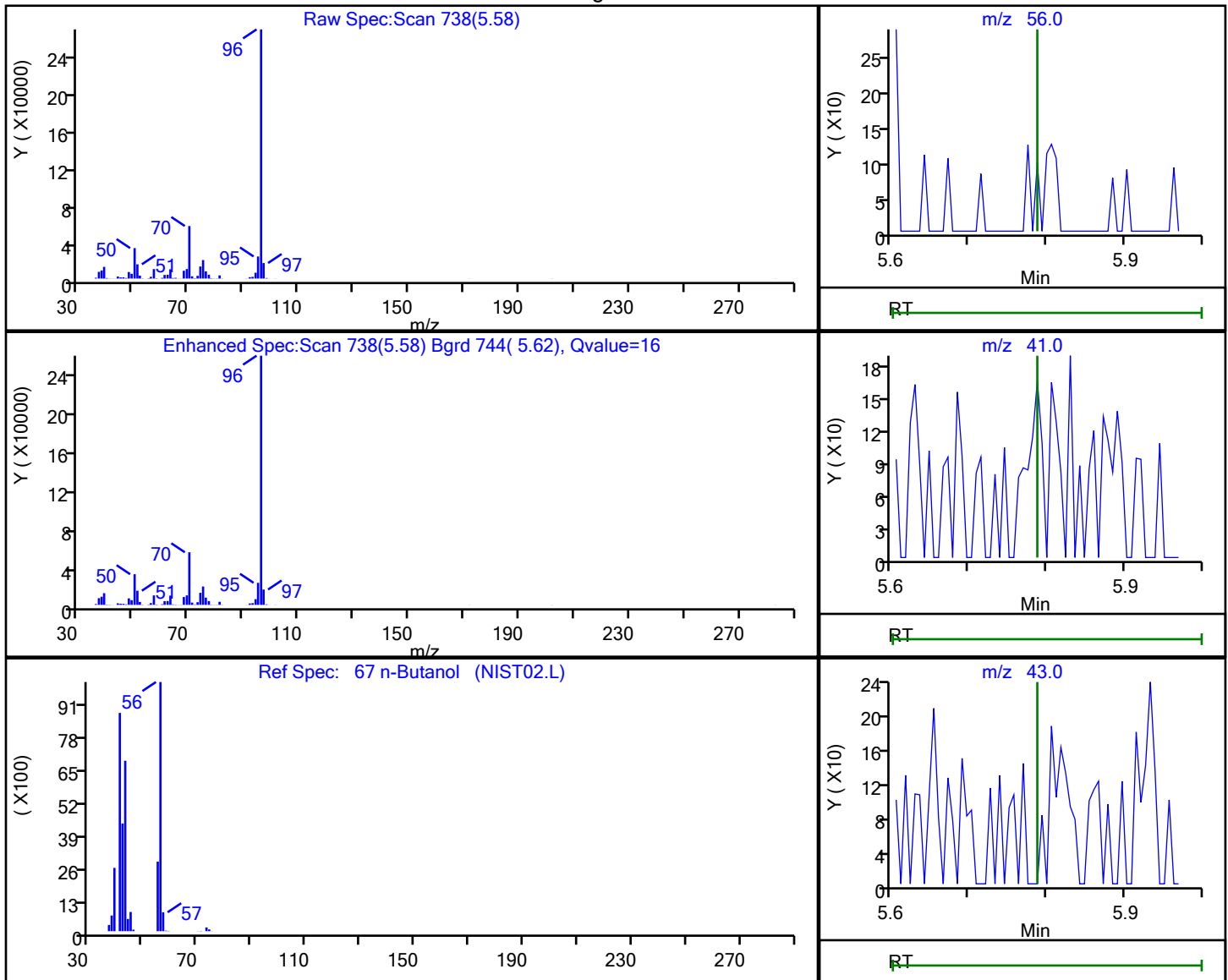
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.58	56.00	3018	62.038999
5.59	41.00	115	
5.57	43.00	254	

Reviewer: desais, 25-Feb-2022 13:36:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

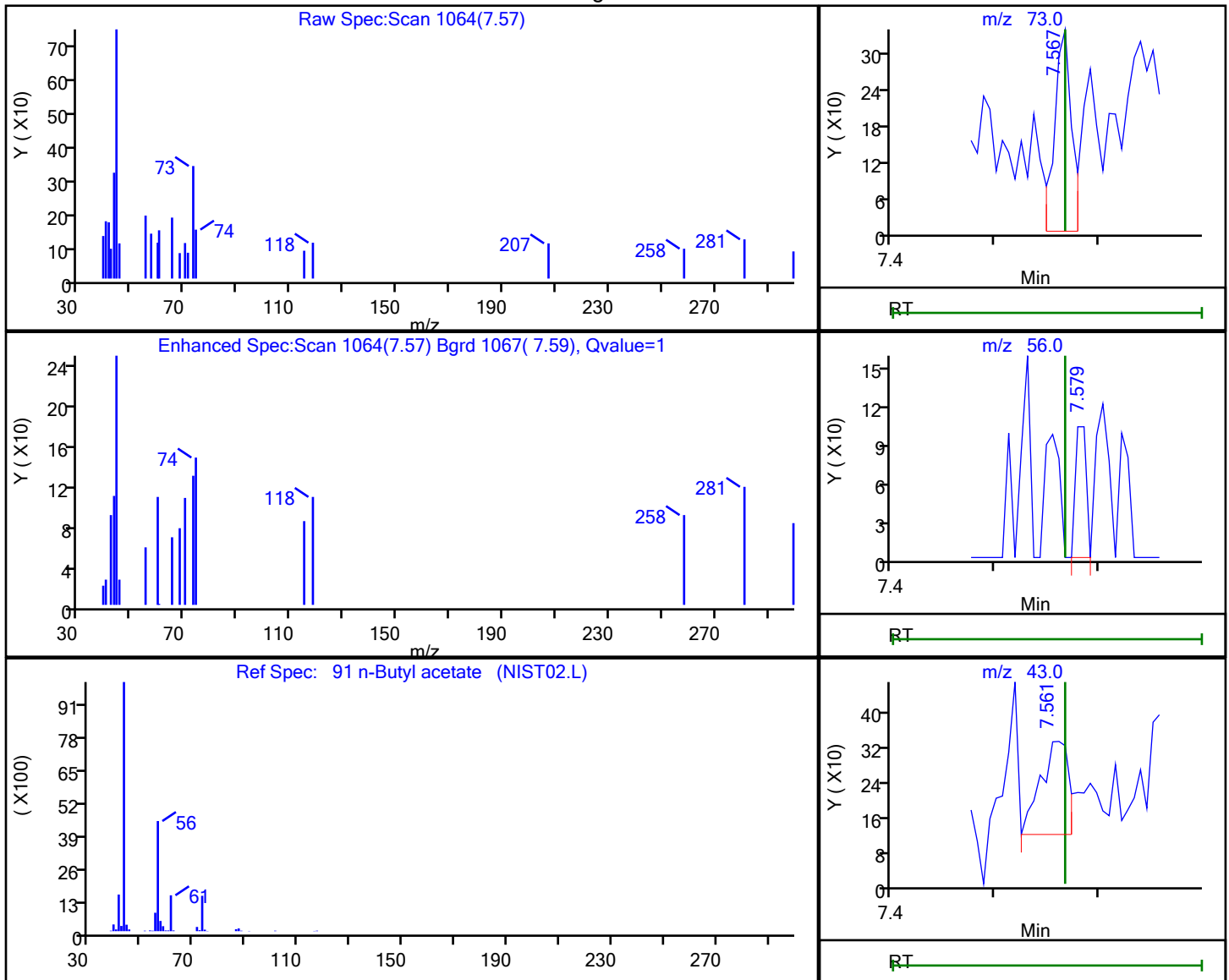
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.57	73.00	397	0.592210
7.58	56.00	75	
7.56	43.00	404	

Reviewer: desais, 25-Feb-2022 13:36:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

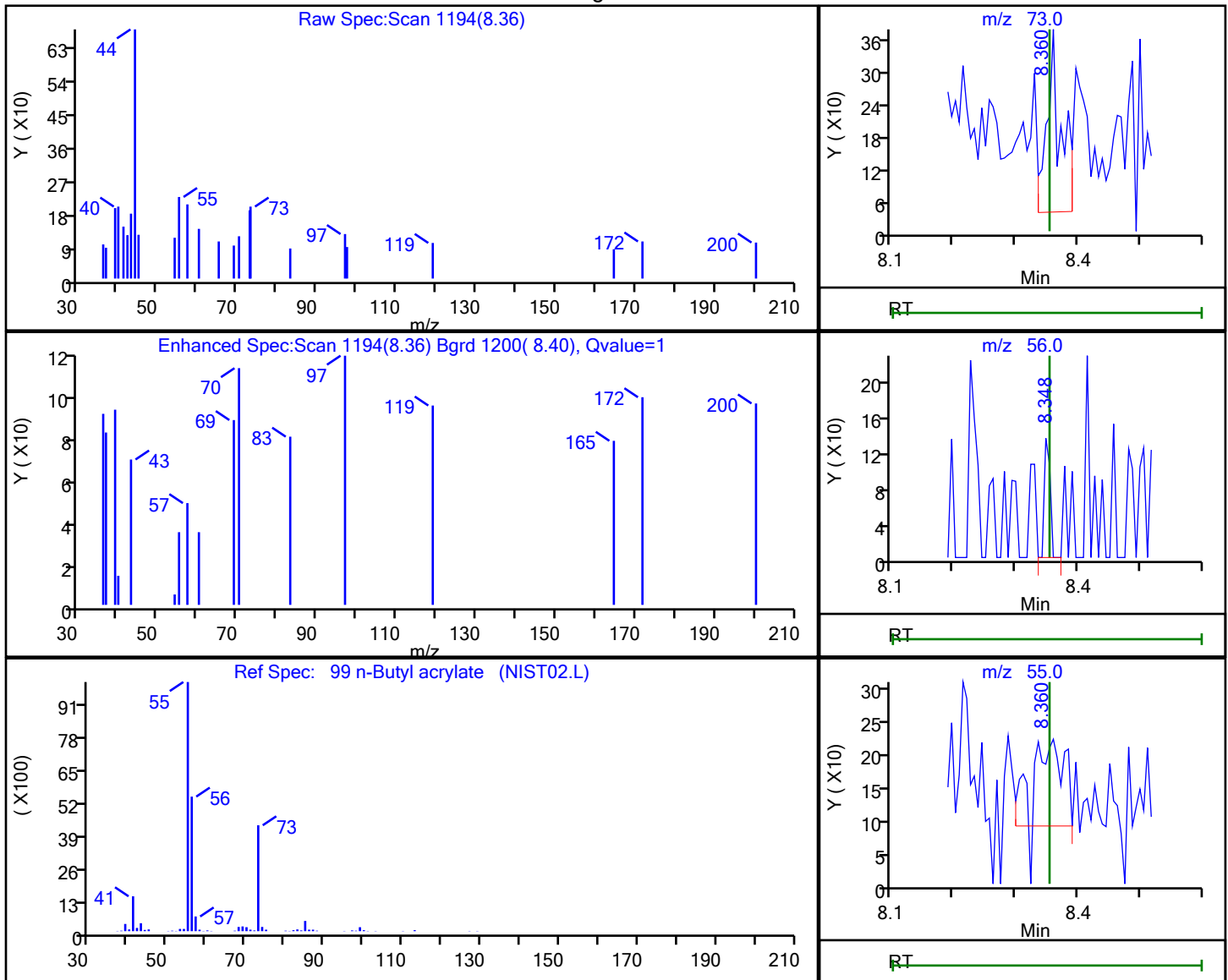
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

99 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.36	73.00	546	0.337142
8.35	56.00	86	
8.36	55.00	449	

Reviewer: desais, 25-Feb-2022 13:36:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

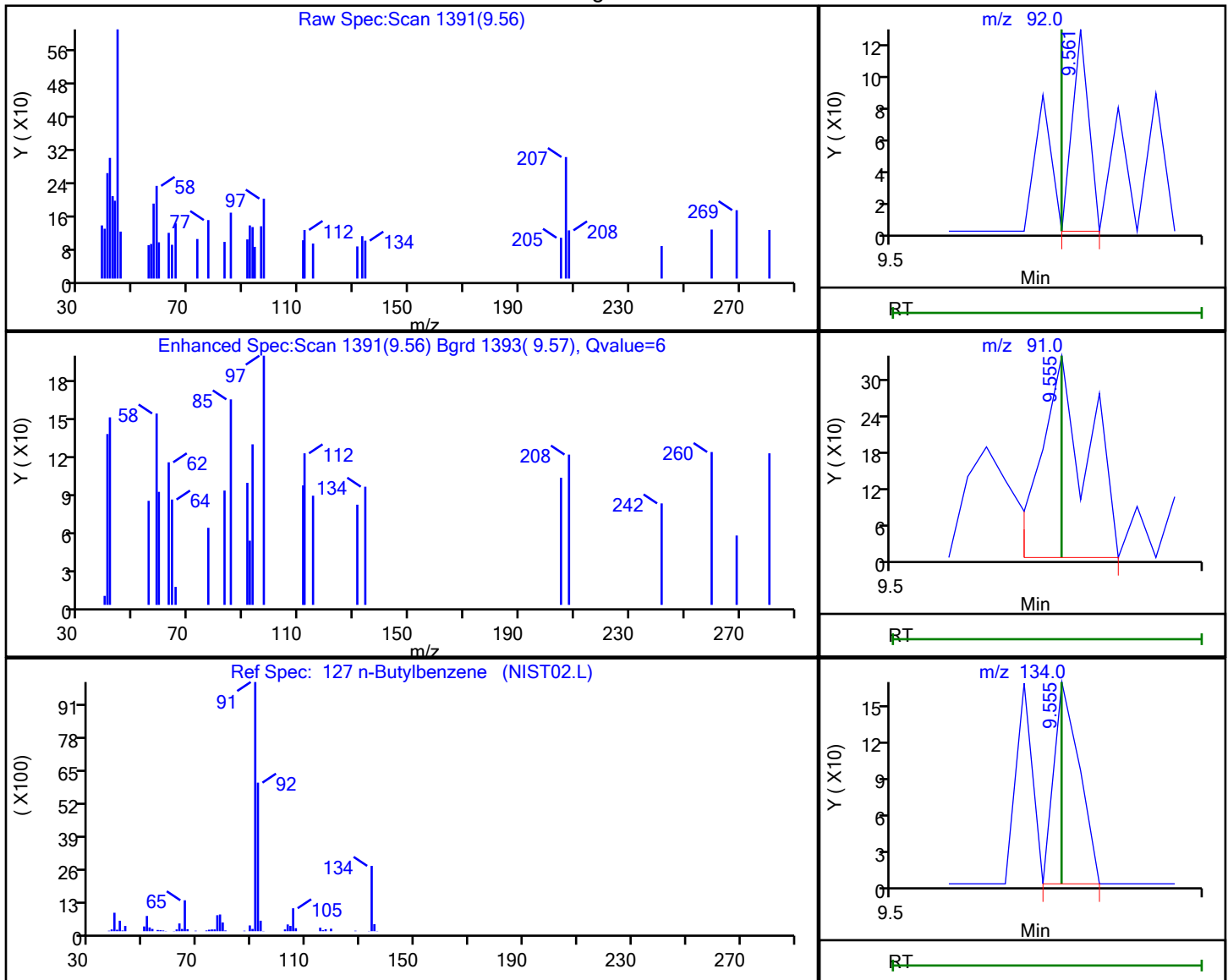
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
9.56	92.00	47	0.006473
9.55	91.00	348	
9.55	134.00	94	

Reviewer: desais, 25-Feb-2022 13:36:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

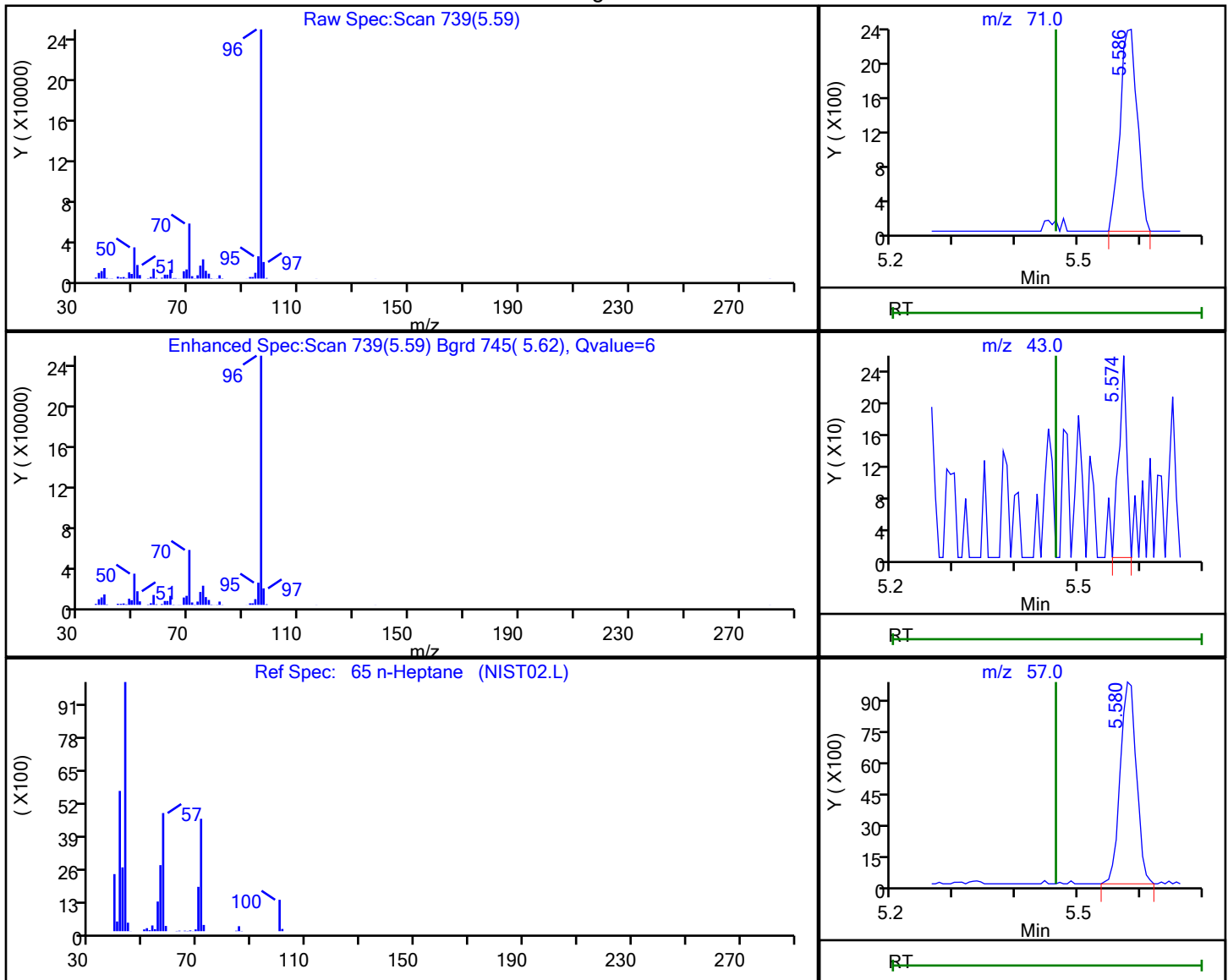
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.59	71.00	4520	1.454783
5.57	43.00	226	
5.58	57.00	18018	

Reviewer: desais, 25-Feb-2022 13:36:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

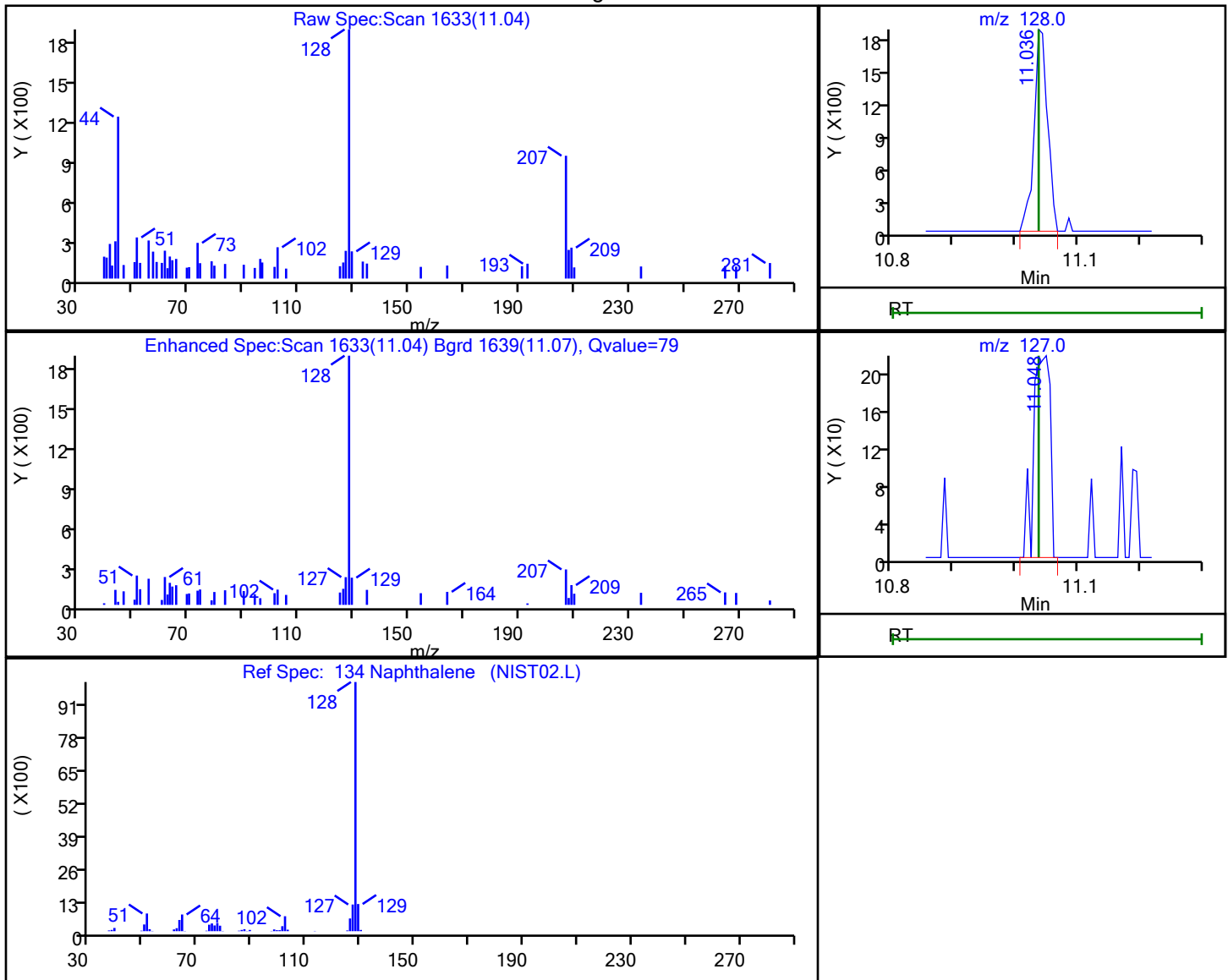
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
11.04	128.00	2845	0.277340
11.05	127.00	411	

Reviewer: desais, 25-Feb-2022 13:36:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

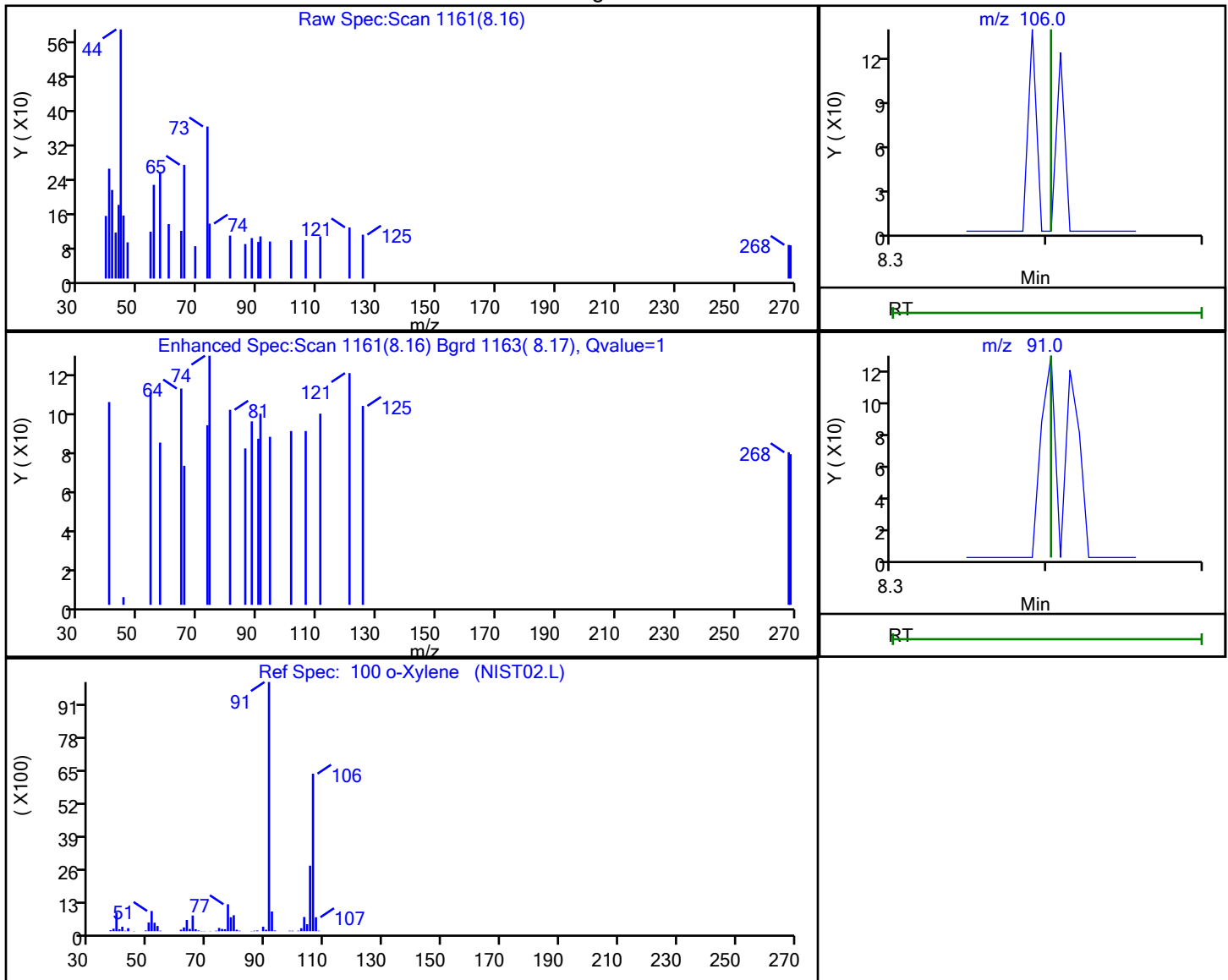
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

100 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
8.16	106.00	63	0.012381
8.15	91.00	122	

Reviewer: desais, 25-Feb-2022 13:36:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

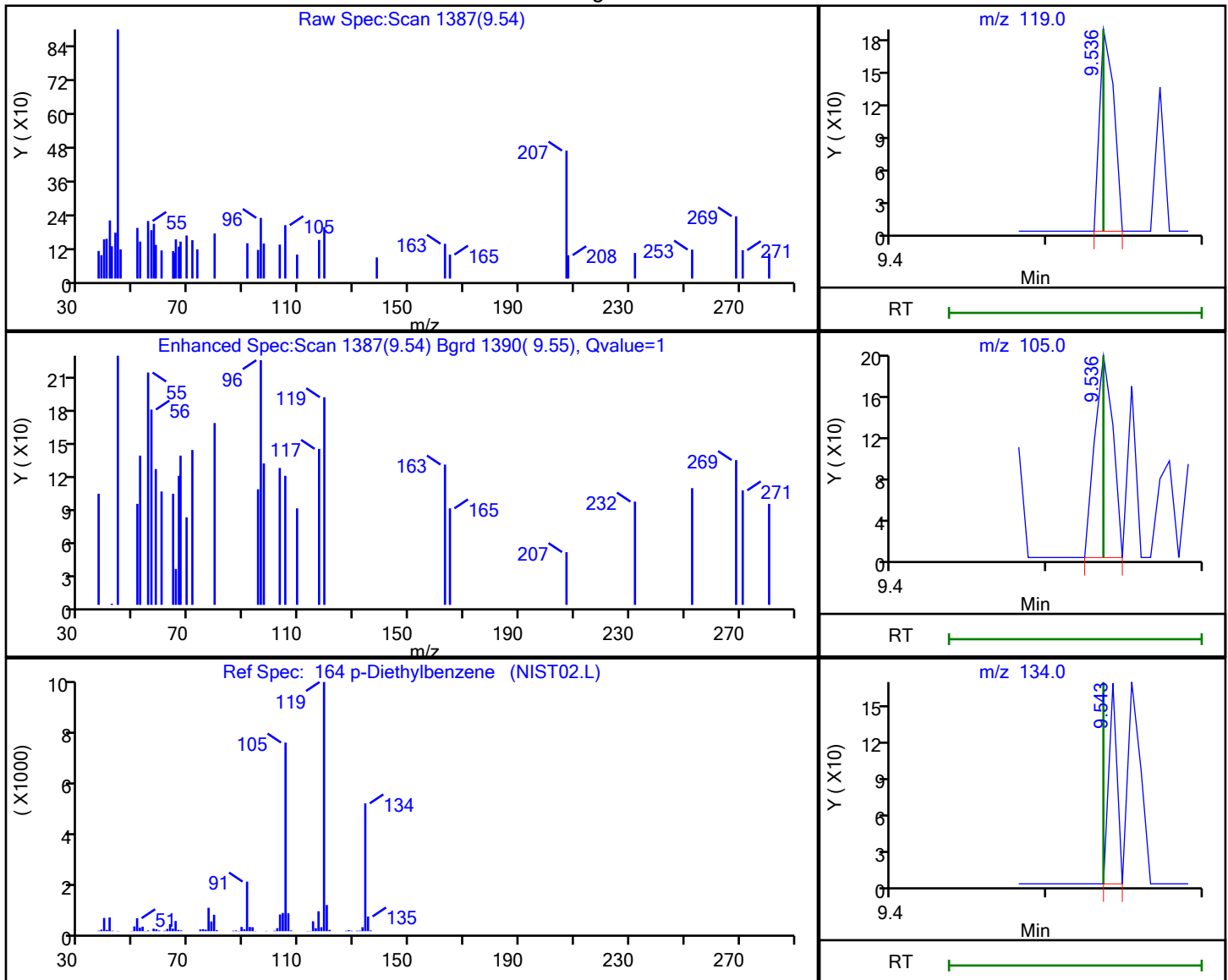
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

164 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
9.54	119.00	117	0.016491
9.54	105.00	156	
9.54	134.00	60	

Reviewer: desais, 25-Feb-2022 13:36:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

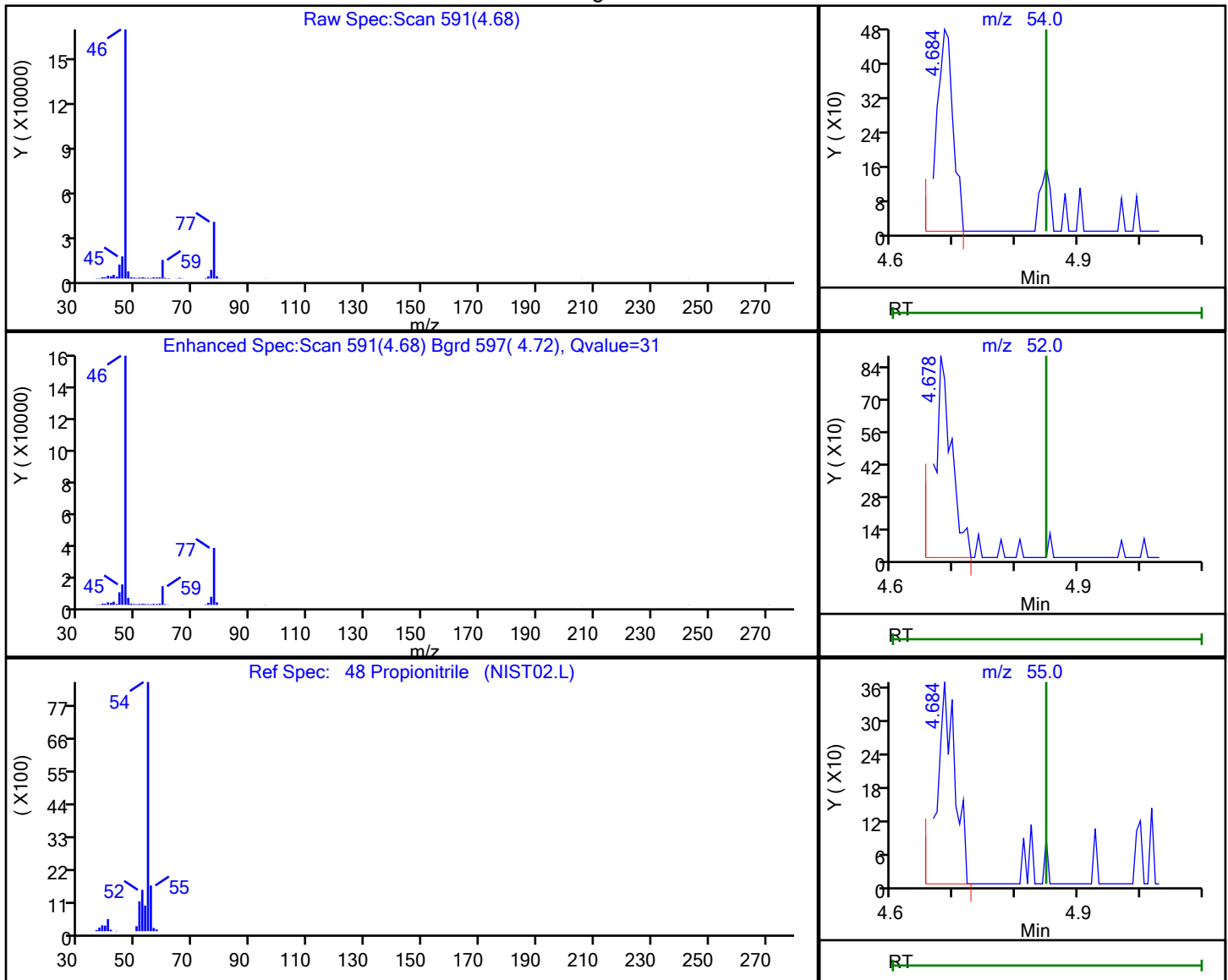
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.68	54.00	860	2.399982
4.68	52.00	1561	
4.68	55.00	699	

Reviewer: desais, 25-Feb-2022 13:36:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

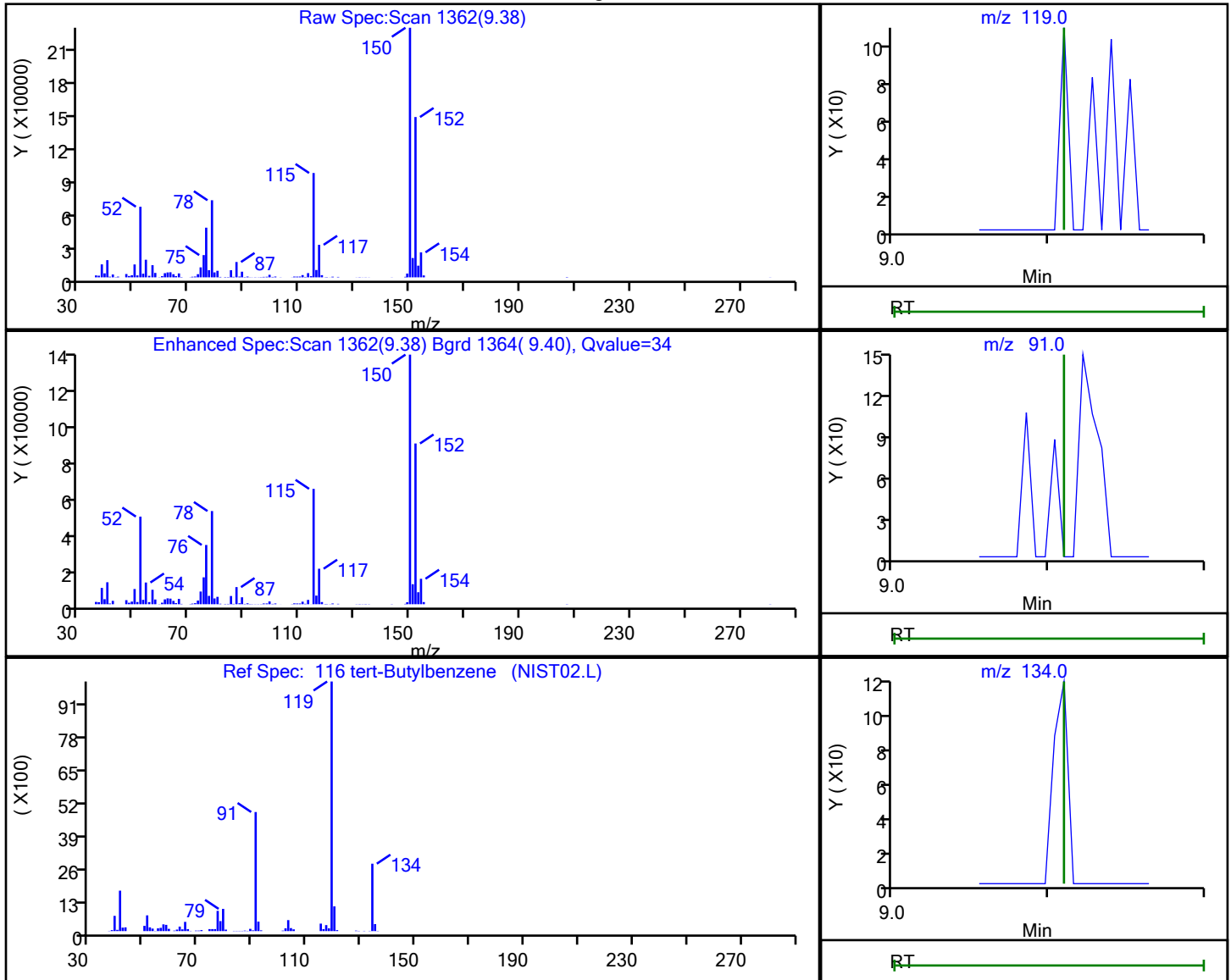
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.38	119.00	87	0.009312
9.38	91.00	772	
9.38	134.00	81	

Reviewer: desais, 25-Feb-2022 13:36:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

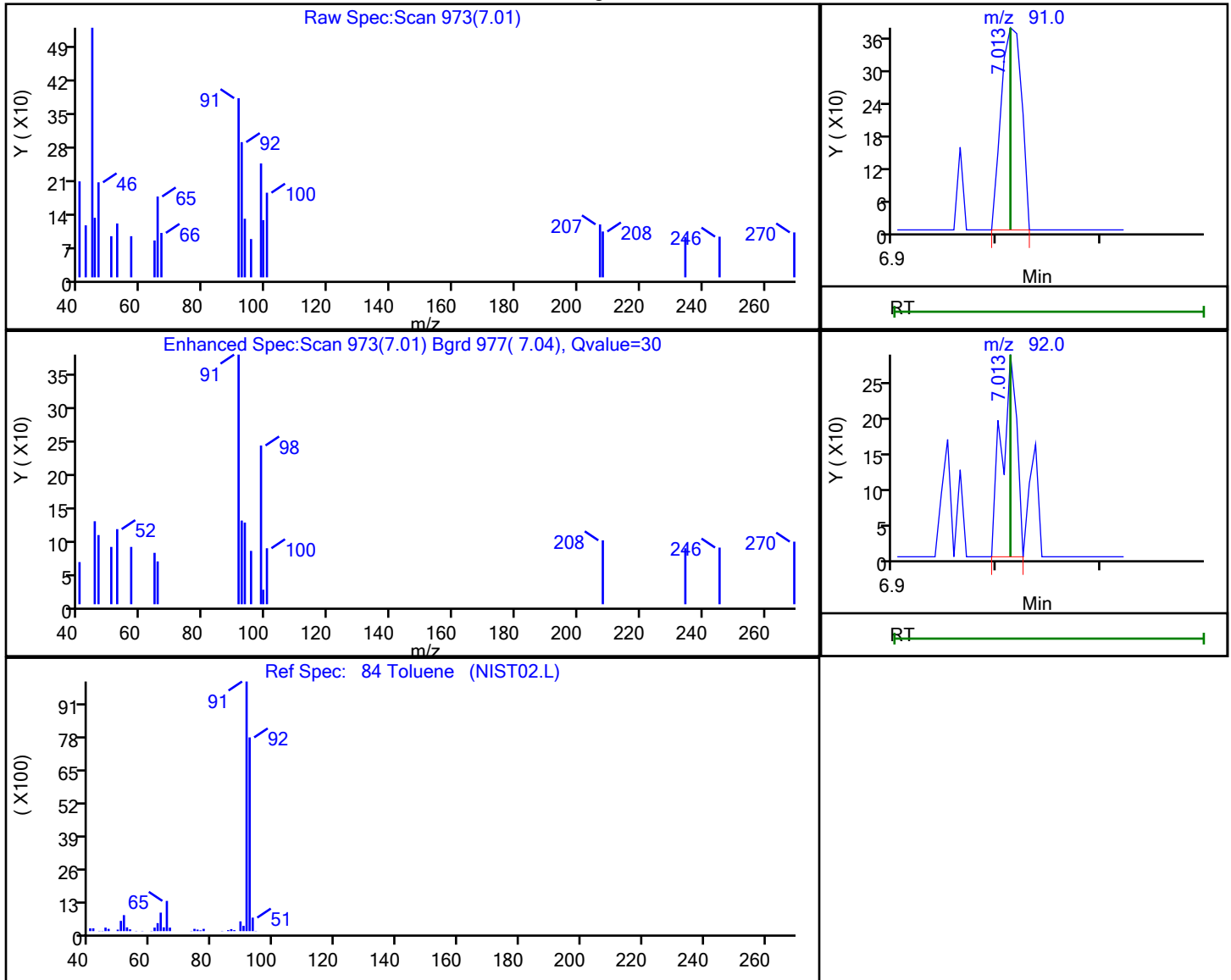
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.01	91.00	524	0.042823
7.01	92.00	289	

Reviewer: desais, 25-Feb-2022 13:36:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15573.D

Injection Date: 25-Feb-2022 10:49:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

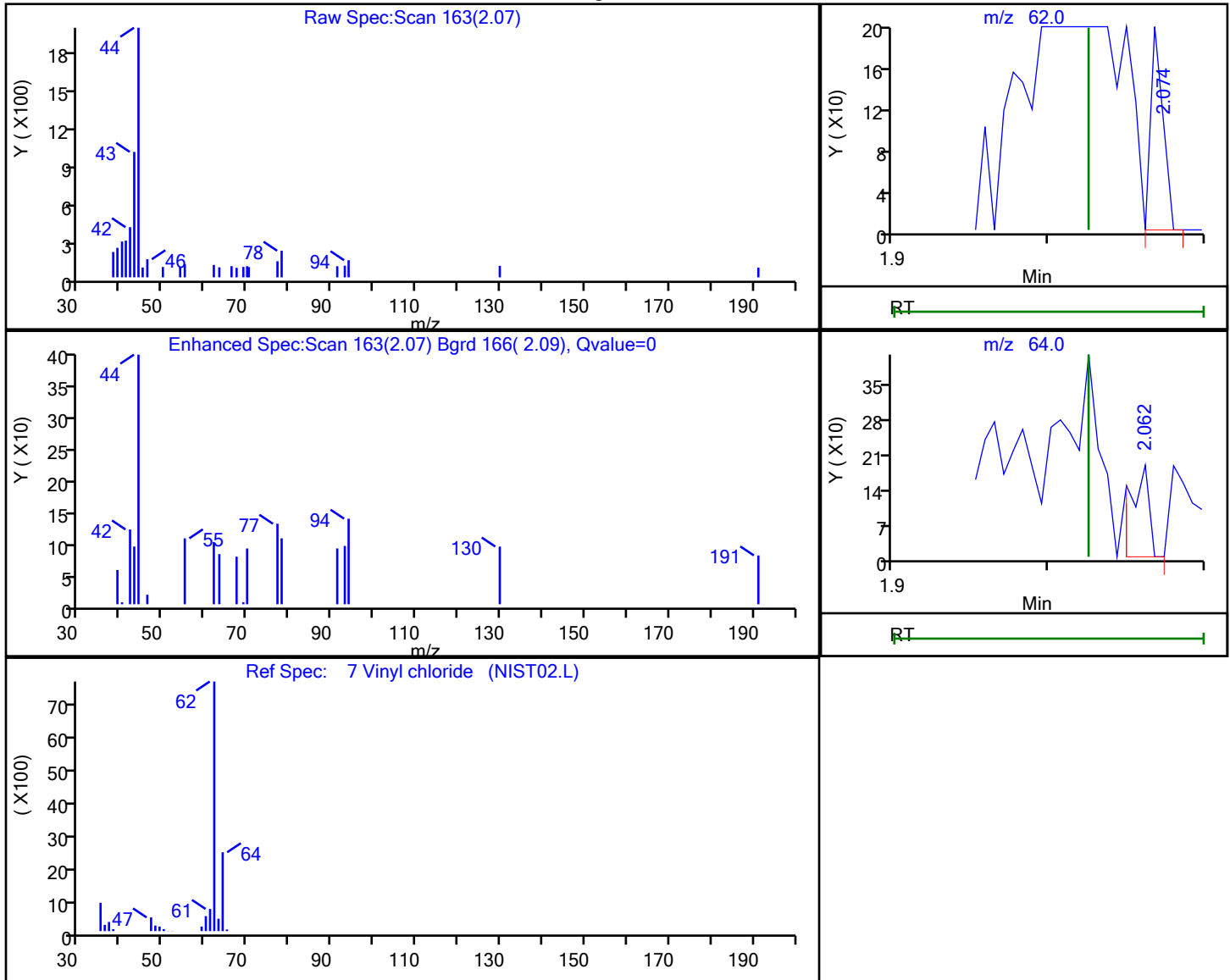
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
2.07	62.00	114	0.021902
2.06	64.00	156	

Reviewer: desais, 25-Feb-2022 13:35:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 25-Feb-2022 11:12:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0141906-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 25-Feb-2022 20:01:52 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: desais

Date: 25-Feb-2022 13:35:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.660	1.654	0.006	53	1428	1.00	1.14	Ma
4 Dichlorodifluoromethane	85	1.690	1.690	0.000	72	4548	1.00	1.00	M
165 Chlorodifluoromethane	51	1.715	1.721	-0.006	97	5246	1.00	1.17	M
6 Chloromethane	50	1.910	1.916	-0.006	99	6418	1.00	1.11	M
7 Vinyl chloride	62	2.032	2.026	0.006	80	6130	1.00	1.13	
172 Butadiene	39	2.032	2.038	-0.006	98	6080	1.00	1.12	M
9 Bromomethane	94	2.392	2.397	-0.005	73	3267	1.00	1.21	
10 Chloroethane	64	2.471	2.477	-0.006	74	3466	1.00	1.15	
12 Trichlorofluoromethane	101	2.690	2.708	-0.018	41	4671	1.00	1.02	
174 Dichlorofluoromethane	67	2.702	2.708	-0.006	77	7576	1.00	1.11	
13 Pentane	72	2.727	2.739	-0.012	89	1328	2.00	2.36	
14 Ethanol	46	2.965	2.964	0.001	76	335	40.0	21.5	
15 Ethyl ether	59	2.958	2.964	-0.006	87	3096	1.00	1.04	
16 2-Methyl-1,3-butadiene	53	2.989	2.995	-0.006	63	2927	1.00	0.8987	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.019	3.044	-0.025	70	2630	1.00	0.99	Ma
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.099	3.105	-0.006	62	5050	1.00	1.05	
19 Acrolein	56	3.154	3.166	-0.012	26	2036	4.06	6.27	M
20 1,1,2,2-TCTFE	101	3.178	3.178	0.000	50	2686	1.00	0.9135	
21 1,1-Dichloroethene	96	3.208	3.208	0.000	78	3147	1.00	1.04	
22 Acetone	58	3.306	3.300	0.006	77	2373	5.00	6.06	
23 Iodomethane	142	3.379	3.379	0.000	94	5086	1.00	1.09	a
24 Isopropyl alcohol	45	3.391	3.403	-0.012	29	1339	10.0	9.57	Ma
25 Carbon disulfide	76	3.410	3.409	0.001	94	13777	1.00	1.12	
161 3-Chloro-1-propene	76	3.544	3.550	-0.006	1	1961	1.00	0.9865	
27 Methyl acetate	43	3.556	3.562	-0.006	75	4527	2.00	1.78	
166 Cyclopentene	67	3.574	3.568	0.006	51	8975	1.00	1.01	
29 Acetonitrile	41	3.623	3.623	0.000	89	5523	10.0	16.3	M
* 30 TBA-d9 (IS)	65	3.672	3.684	-0.012	34	173143	1000.0	1000.0	
31 Methylene Chloride	84	3.690	3.690	0.000	28	4281	1.00	1.13	
32 2-Methyl-2-propanol	59	3.739	3.745	-0.006	12	1937	10.0	10.1	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.849	3.855	-0.006	97	9529	1.00	1.01	M
34 trans-1,2-Dichloroethene	96	3.873	3.873	0.000	75	3451	1.00	1.04	
35 Acrylonitrile	53	3.946	3.946	0.000	93	15539	10.0	10.6	
36 Hexane	43	4.019	4.019	0.000	92	4152	1.00	1.11	
37 Isopropyl ether	45	4.220	4.226	-0.006	94	12438	1.00	1.03	
38 1,1-Dichloroethane	63	4.257	4.257	0.000	71	7320	1.00	1.13	
39 Vinyl acetate	86	4.269	4.269	0.000	98	699	2.00	1.67	
40 2-Chloro-1,3-butadiene	88	4.306	4.300	0.006	67	2658	1.00	0.9244	
41 Tert-butyl ethyl ether	59	4.507	4.513	-0.006	77	10844	1.00	1.04	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	85	330681	250.0	250.0	
43 2,2-Dichloropropane	97	4.702	4.714	-0.012	44	1041	1.00	1.00	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	74	3418	1.00	0.9764	
46 Ethyl acetate	70	4.726	4.732	-0.006	90	667	2.00	2.03	
45 2-Butanone (MEK)	72	4.726	4.732	-0.006	96	2016	5.00	5.03	
47 Methyl acrylate	55	4.781	4.775	0.006	58	2336	1.00	0.8934	
48 Propionitrile	54	4.842	4.848	-0.006	64	5621	10.0	11.5	
49 Tetrahydrofuran	72	4.921	4.909	0.012	32	933	2.00	2.07	
50 Chlorobromomethane	128	4.915	4.915	0.000	72	1619	1.00	1.04	
51 Methacrylonitrile	67	4.928	4.934	-0.006	93	13613	10.0	9.63	
52 Chloroform	83	4.952	4.952	0.000	86	5511	1.00	1.05	
53 Cyclohexane	56	5.074	5.074	0.000	32	6911	1.00	1.00	
54 1,1,1-Trichloroethane	97	5.074	5.086	-0.012	36	3010	1.00	0.8085	M
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.086	0.000	95	113357	50.0	47.5	
56 Carbon tetrachloride	117	5.178	5.184	-0.006	76	1956	1.00	0.8920	
57 1,1-Dichloropropene	75	5.202	5.202	0.000	84	4623	1.00	1.02	
58 Isobutyl alcohol	43	5.269	5.269	0.000	51	2190	25.0	25.8	
59 Isooctane	57	5.324	5.330	-0.006	56	9905	1.00	0.9566	
60 Benzene	78	5.360	5.360	0.000	40	13758	1.00	1.08	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.367	5.373	-0.006	39	178616	50.0	49.7	
62 Isopropyl acetate	61	5.367	5.379	-0.012	13	4487	1.00	3.33	
63 Tert-amyl methyl ether	87	5.391	5.397	-0.006	39	2571	1.00	0.9365	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	78	5123	1.00	1.17	
65 n-Heptane	71	5.464	5.464	0.000	84	2884	1.00	0.9283	
* 66 Fluorobenzene	96	5.586	5.586	0.000	98	463229	50.0	50.0	
67 n-Butanol	56	5.793	5.787	0.006	42	1382	25.0	26.3	
68 Trichloroethene	95	5.866	5.872	-0.006	78	3120	1.00	1.02	
69 Ethyl acrylate	99	5.940	5.946	-0.006	29	109	1.00	0.3959	Ma
70 Methylcyclohexane	83	5.988	5.988	0.000	90	5535	1.00	0.9117	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	85	4778	1.00	1.28	M
* 73 1,4-Dioxane-d8	96	6.159	6.153	0.006	29	26052	1000.0	1000.0	
72 Methyl methacrylate	69	6.159	6.159	0.000	38	2709	2.00	1.33	
74 n-Propyl acetate	43	6.190	6.196	-0.006	29	4079	1.00	0.9760	Ma
75 1,4-Dioxane	88	6.202	6.208	-0.006	27	1781	50.0	55.6	a
76 Dibromomethane	93	6.244	6.238	0.006	69	1839	1.00	1.03	
77 Dichlorobromomethane	83	6.354	6.360	-0.006	66	2451	1.00	0.8988	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	77	1832	1.00	0.9118	
79 2-Nitropropane	41	6.641	6.647	-0.006	67	1146	2.00	2.66	
80 Epichlorohydrin	57	6.726	6.726	0.000	83	5838	20.0	18.7	
81 cis-1,3-Dichloropropene	75	6.769	6.769	0.000	76	3713	1.00	0.8463	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.884	-0.006	81	15430	5.00	4.85	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	98	523373	50.0	50.4	
84 Toluene	91	7.013	7.012	0.001	89	13461	1.00	1.09	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.226	7.232	-0.006	48	2073	1.00	0.5703	
86 trans-1,3-Dichloropropene	75	7.232	7.232	0.000	77	3375	1.00	0.8922	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	78	2014	1.00	0.9636	
88 Tetrachloroethene	166	7.409	7.415	-0.006	76	2381	1.00	0.9817	
89 1,3-Dichloropropane	76	7.506	7.506	0.000	86	4552	1.00	1.01	
90 2-Hexanone	58	7.519	7.518	0.001	96	4743	5.00	4.32	
91 n-Butyl acetate	73	7.561	7.567	-0.006	64	462	1.00	1.03	
92 Chlorodibromomethane	129	7.640	7.640	0.000	60	1074	1.00	1.01	
93 Ethylene Dibromide	107	7.738	7.744	-0.006	74	1874	1.00	0.8695	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	88	313074	50.0	50.0	
95 Chlorobenzene	112	8.037	8.043	-0.006	45	7276	1.00	1.00	
96 Ethylbenzene	106	8.079	8.079	0.000	95	4556	1.00	1.06	
97 1,1,1,2-Tetrachloroethane	131	8.092	8.092	0.000	47	1317	1.00	1.02	
98 m-Xylene & p-Xylene	106	8.153	8.152	0.001	97	4954	1.00	0.9731	
99 n-Butyl acrylate	73	8.354	8.354	0.000	91	1134	1.00	0.6926	
100 o-Xylene	106	8.403	8.402	0.001	91	4982	1.00	0.9686	
101 Styrene	104	8.415	8.415	0.000	90	6977	1.00	0.8942	
102 Amyl acetate (mixed isomers)	43	8.476	8.482	-0.006	66	3320	1.00	0.6918	
103 Bromoform	173	8.555	8.555	0.000	21	695	1.00	1.04	
104 Isopropylbenzene	105	8.604	8.604	0.000	95	12803	1.00	0.9818	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	85	130319	50.0	50.0	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	72	2802	1.00	0.8512	
107 Bromobenzene	156	8.823	8.823	0.000	82	3013	1.00	1.04	
108 N-Propylbenzene	91	8.835	8.835	0.000	97	17748	1.00	1.08	
109 trans-1,4-Dichloro-2-butene	53	8.848	8.847	0.001	38	724	1.00	0.8572	
110 1,2,3-Trichloropropane	110	8.854	8.854	0.000	86	993	1.00	1.02	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	13250	1.00	1.02	
112 2-Chlorotoluene	91	8.915	8.915	0.001	84	12494	1.00	1.00	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	79	11374	1.00	0.9791	
114 Butyl Methacrylate	87	8.957	8.957	0.000	68	923	1.00	0.2862	
115 4-Chlorotoluene	91	8.976	8.975	0.001	95	10109	1.00	1.02	
116 tert-Butylbenzene	119	9.110	9.110	0.000	43	8778	1.00	0.9424	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	95	10465	1.00	0.9114	
118 sec-Butylbenzene	134	9.238	9.238	0.000	97	2523	1.00	0.8870	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	79	11313	1.00	0.9450	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	16	5886	1.00	1.00	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	98	167003	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	41	6839	1.00	1.13	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	53	12042	1.00	0.9717	
124 Benzyl chloride	91	9.482	9.481	0.001	81	4393	1.00	0.7165	
162 2,3-Dihydroindene	117	9.536	9.530	0.006	1	12705	1.00	1.03	
164 p-Diethylbenzene	119	9.536	9.536	0.000	57	6857	1.00	0.9694	a
127 n-Butylbenzene	92	9.555	9.555	0.000	95	7187	1.00	0.99	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	88	6216	1.00	1.05	
163 1,2,4,5-Tetramethylbenzene	119	10.055	10.055	0.000	0	10191	1.00	0.8993	
130 1,2-Dibromo-3-Chloropropane	157	10.177	10.164	0.013	1	308	1.00	0.5643	a
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	84	4623	1.00	1.03	
132 1,2,4-Trichlorobenzene	180	10.792	10.786	0.006	69	4506	1.00	1.09	
133 Hexachlorobutadiene	225	10.859	10.865	-0.006	43	1447	1.00	0.8938	
134 Naphthalene	128	11.036	11.036	0.000	96	10314	1.00	1.01	
135 1,2,3-Trichlorobenzene	180	11.262	11.268	-0.006	74	4030	1.00	1.11	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		2.00	1.94	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00137	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00150	Amount Added: 10.00	Units: uL	
GASES Li_00464	Amount Added: 10.00	Units: uL	
524freon_00049	Amount Added: 10.00	Units: uL	
14DIOXINTER_00138	Amount Added: 30.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

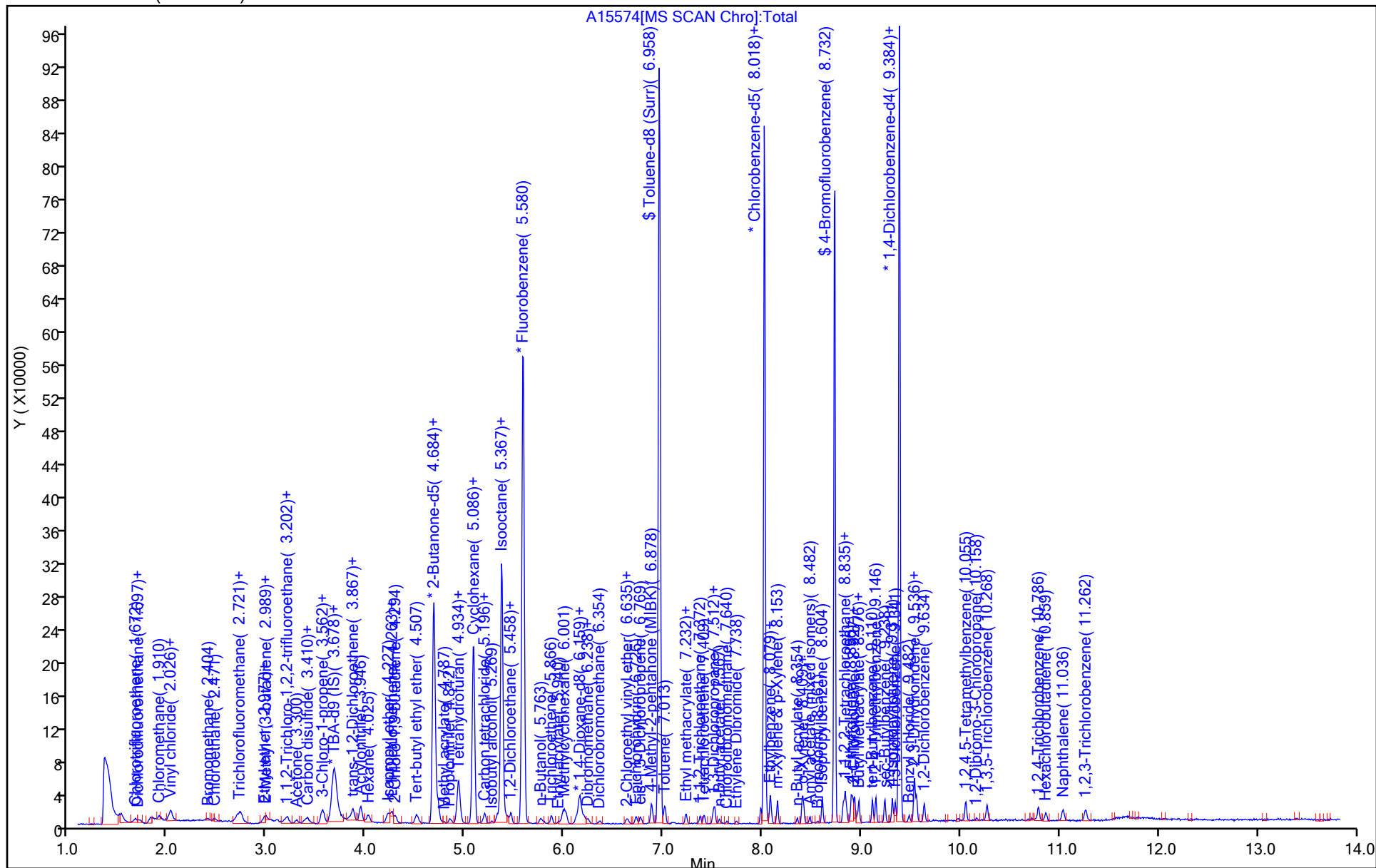
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

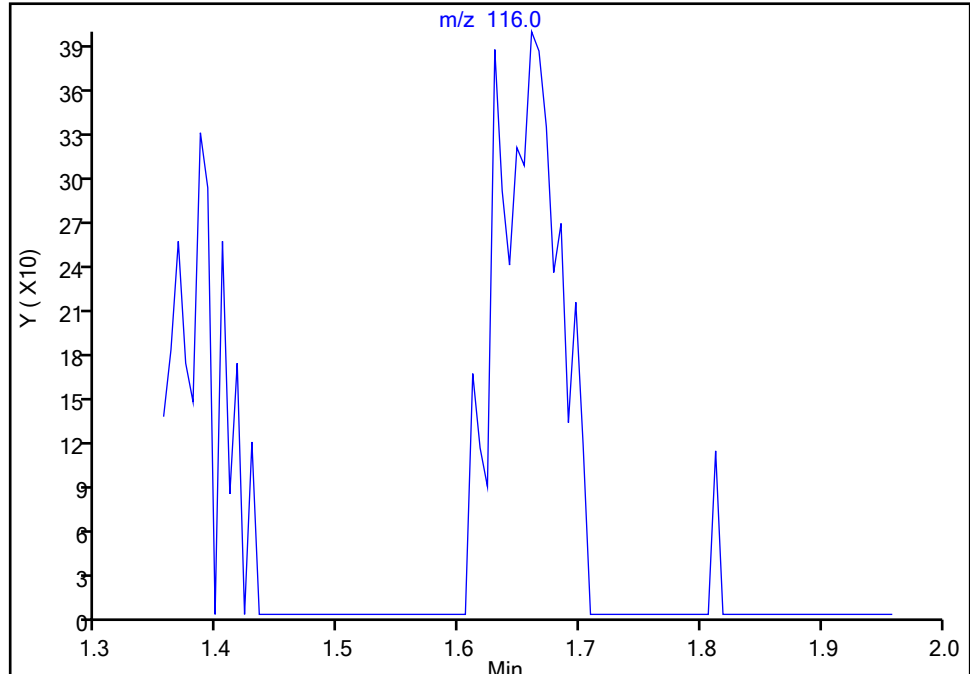
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

Not Detected

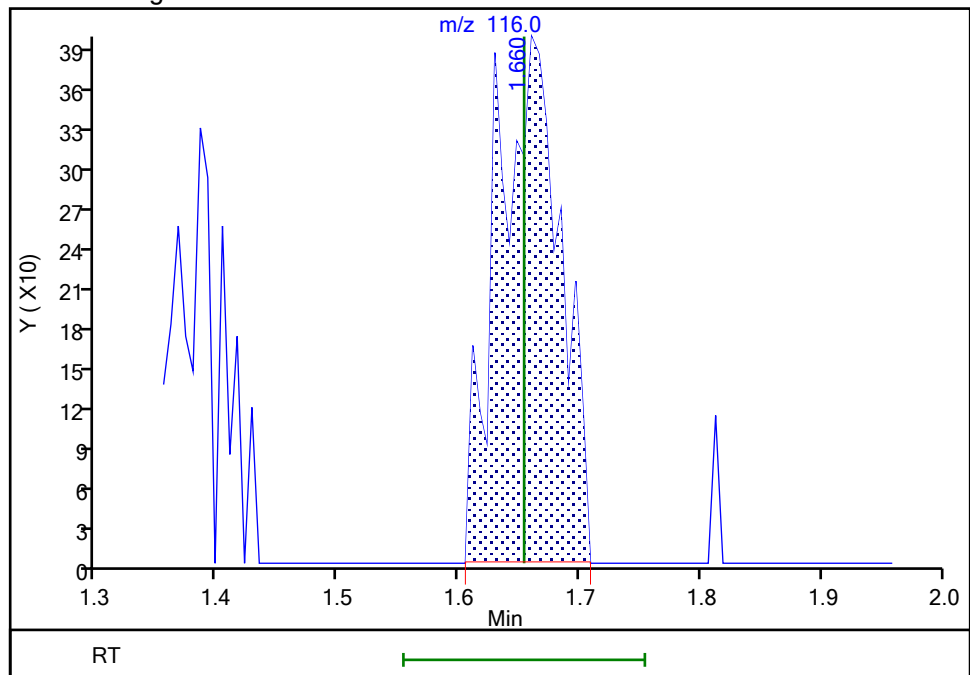
Expected RT: 1.65

Processing Integration Results



Manual Integration Results

RT: 1.66
Area: 1428
Amount: 1.140993
Amount Units: ug/l



Reviewer: desais, 25-Feb-2022 13:31:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

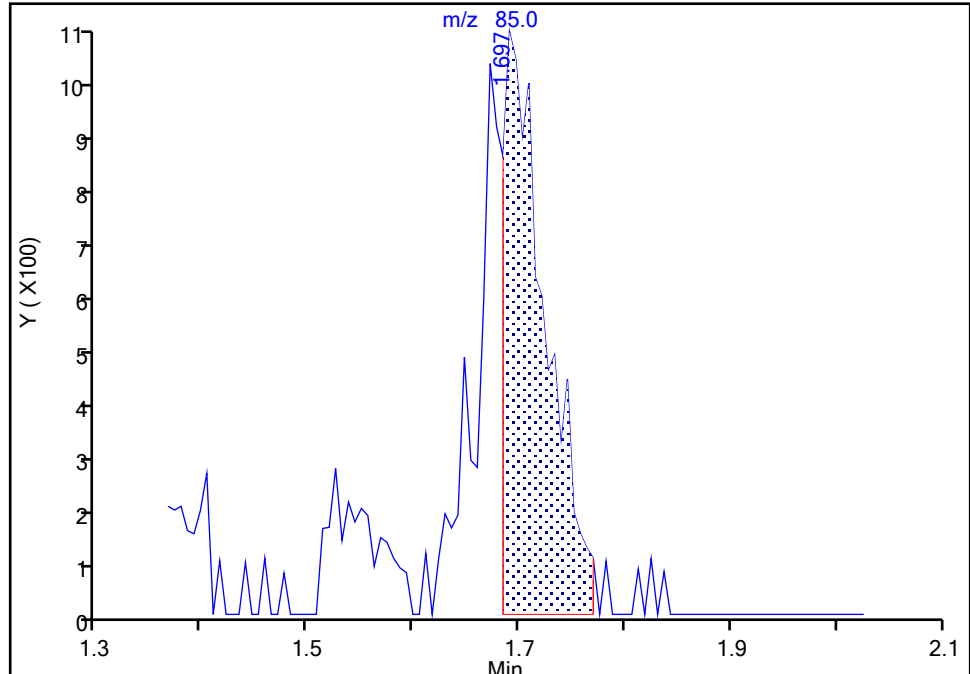
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
Injection Date: 25-Feb-2022 11:12:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

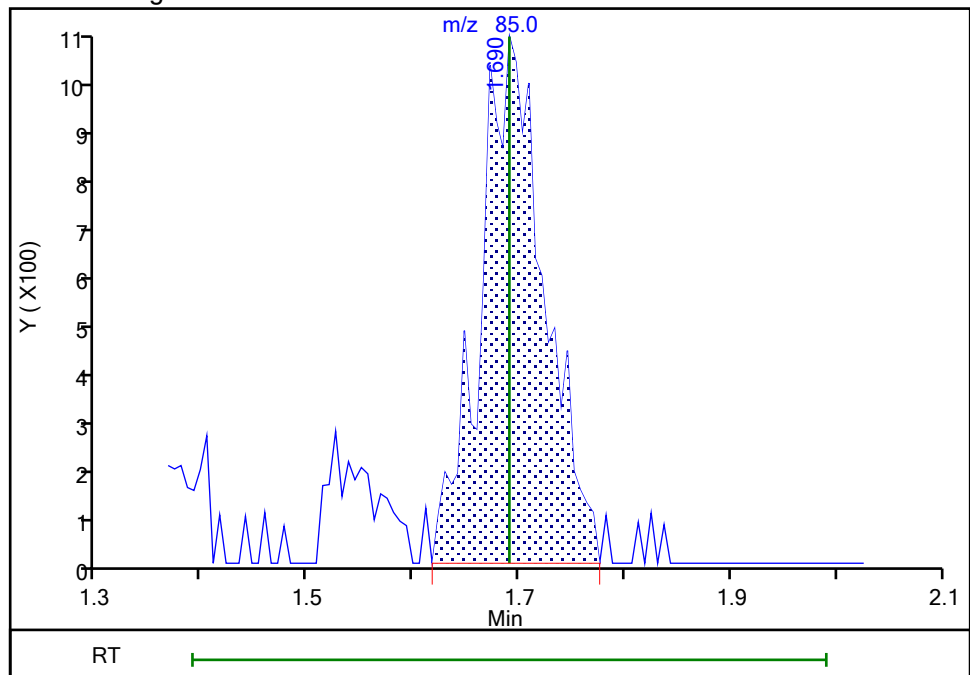
RT: 1.70
Area: 3022
Amount: 0.701119
Amount Units: ug/l

Processing Integration Results



RT: 1.69
Area: 4548
Amount: 0.996367
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 18:44:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

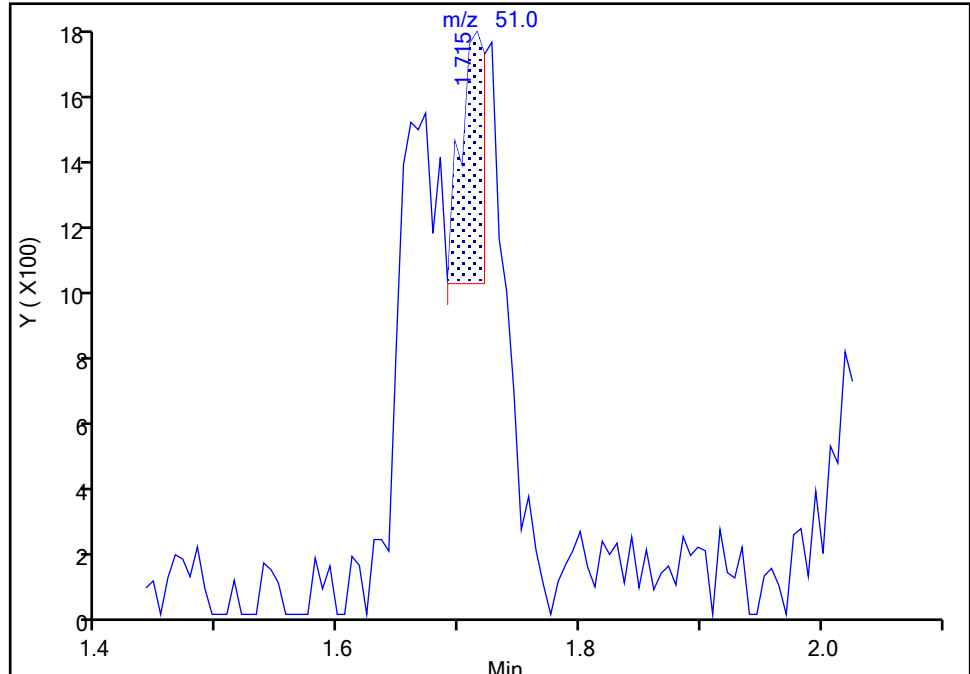
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
Injection Date: 25-Feb-2022 11:12:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

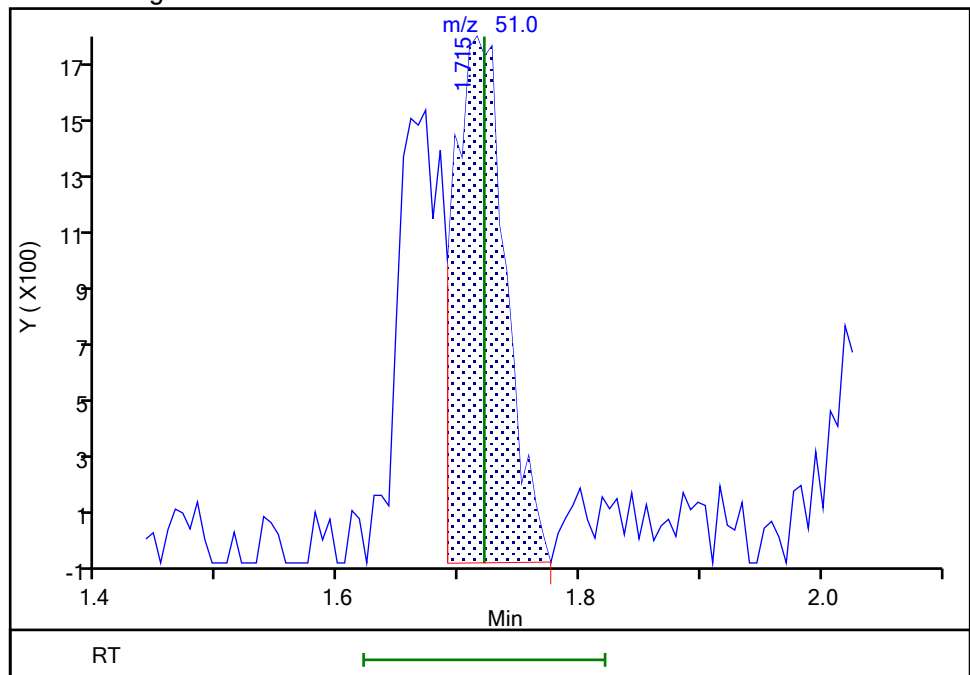
RT: 1.71
Area: 1081
Amount: 0.264507
Amount Units: ug/l

Processing Integration Results



RT: 1.71
Area: 5246
Amount: 1.173631
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 18:44:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

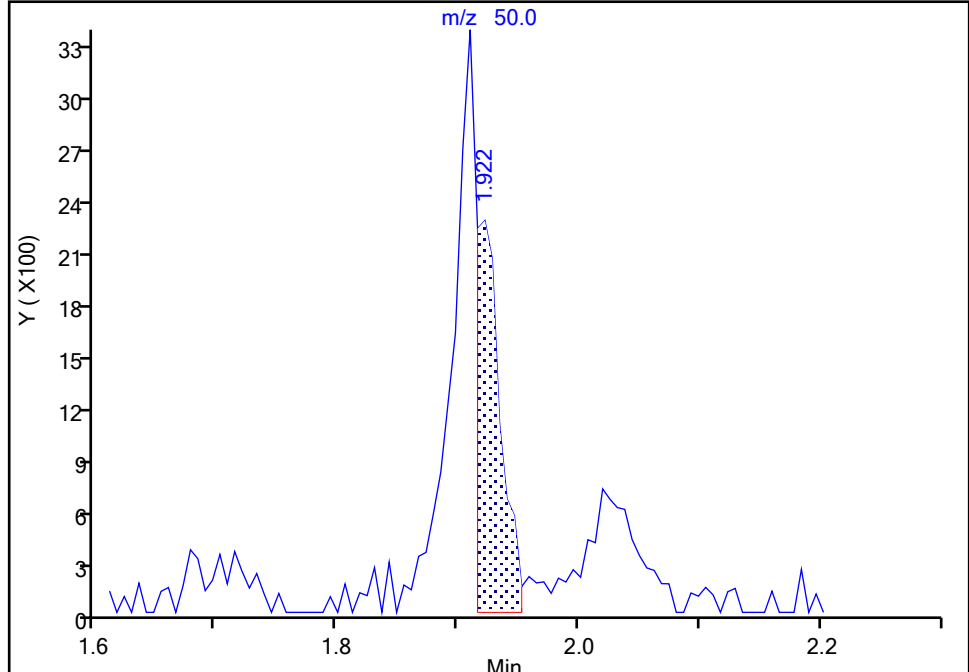
MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

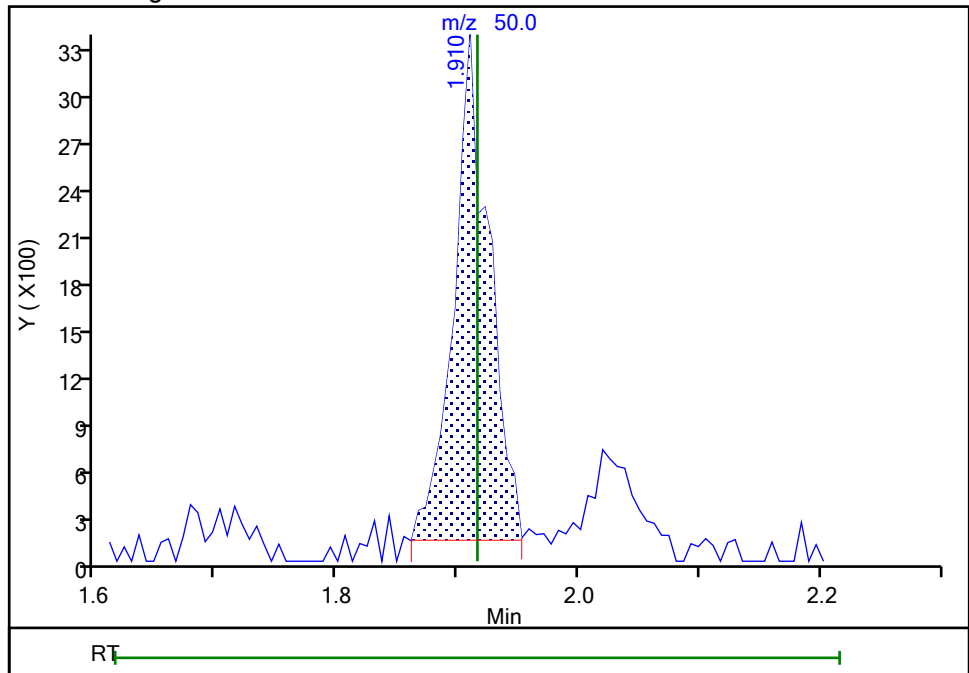
RT: 1.92
Area: 3222
Amount: 0.608336
Amount Units: ug/l

Processing Integration Results



RT: 1.91
Area: 6418
Amount: 1.111681
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:32:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

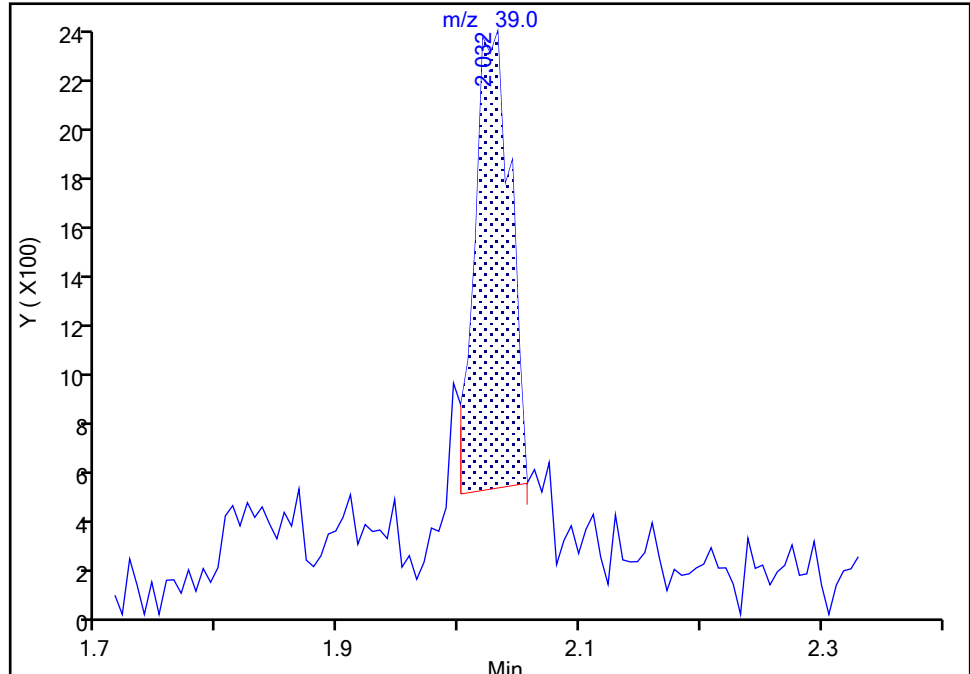
MS SCAN

172 Butadiene, CAS: 106-99-0

Signal: 1

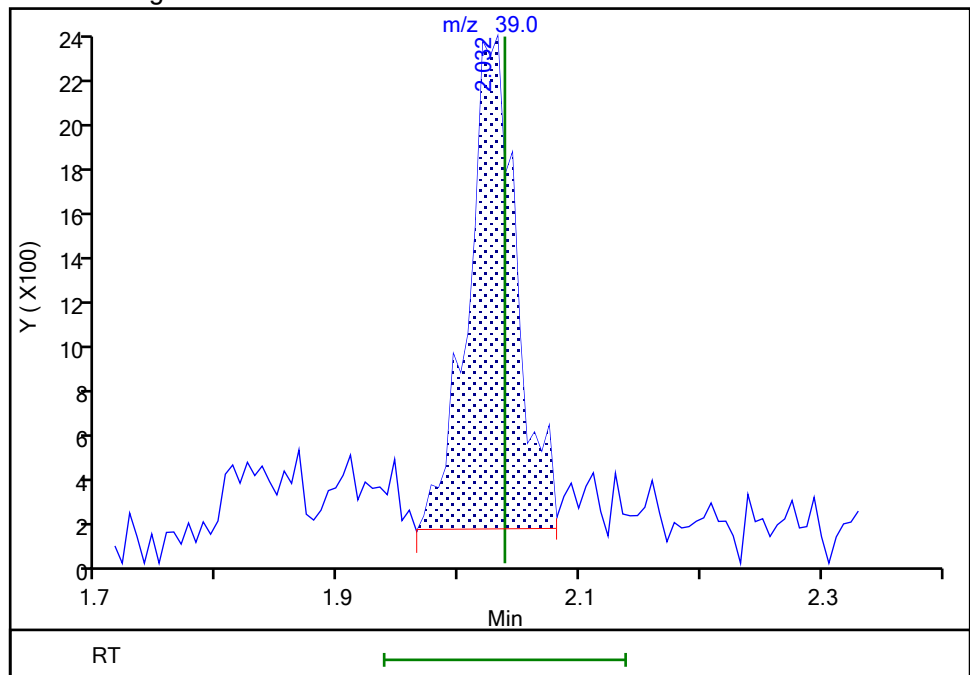
RT: 2.03
Area: 3783
Amount: 0.735377
Amount Units: ug/l

Processing Integration Results



RT: 2.03
Area: 6080
Amount: 1.118744
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 18:44:59

Audit Action: Manually Integrated

Audit Reason: Baseline

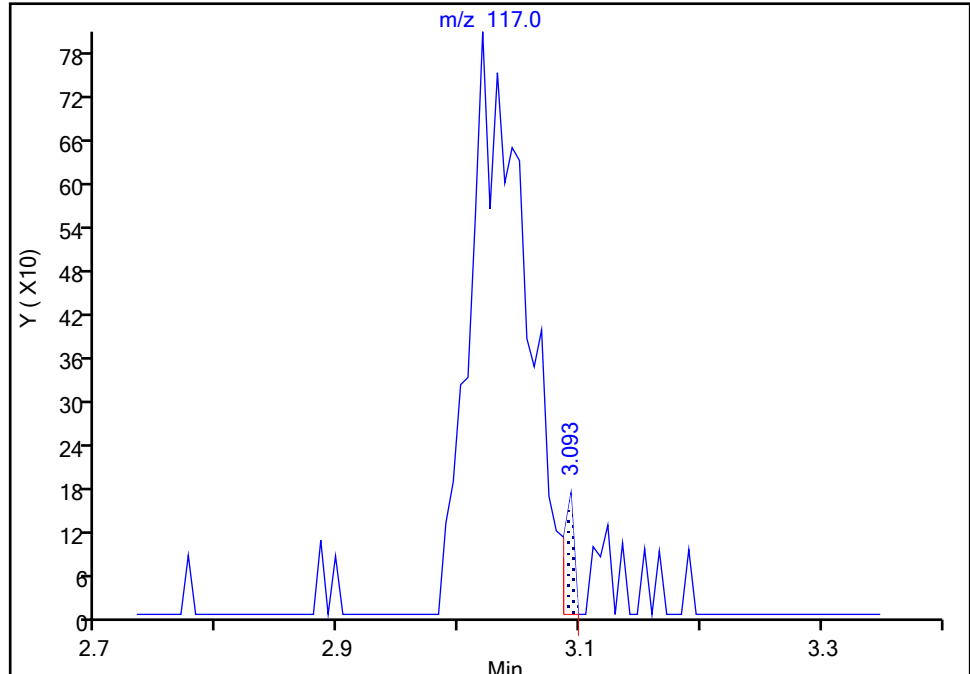
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
Injection Date: 25-Feb-2022 11:12:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4
Signal: 1

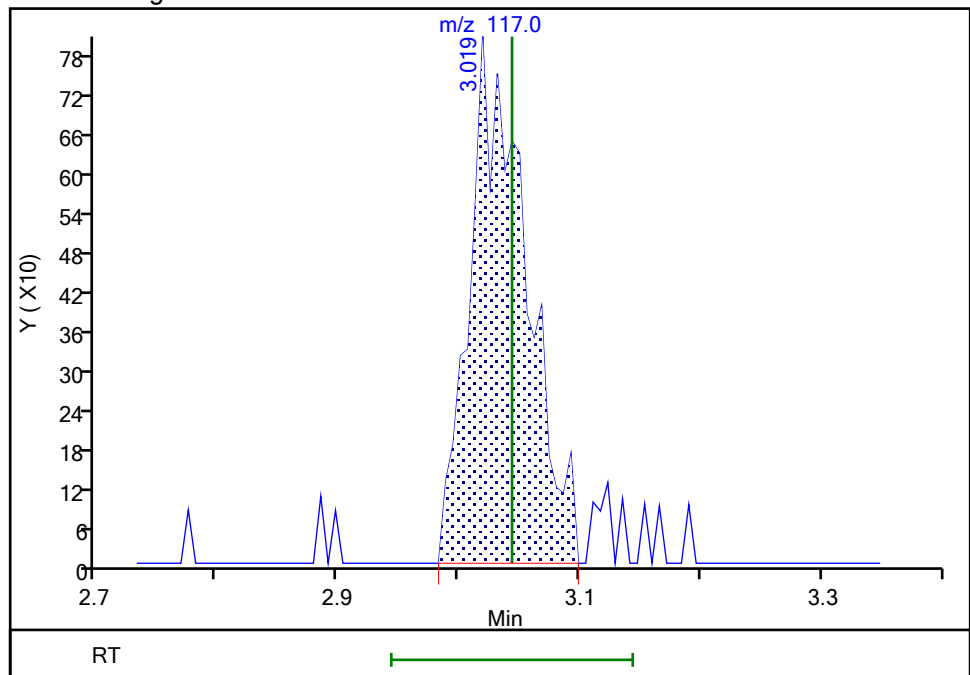
RT: 3.09
Area: 101
Amount: 0.038823
Amount Units: ug/l

Processing Integration Results



RT: 3.02
Area: 2630
Amount: 0.992424
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:32:41
Audit Action: Manually Integrated

Audit Reason: Missed Peak
Page 580 of 897

03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

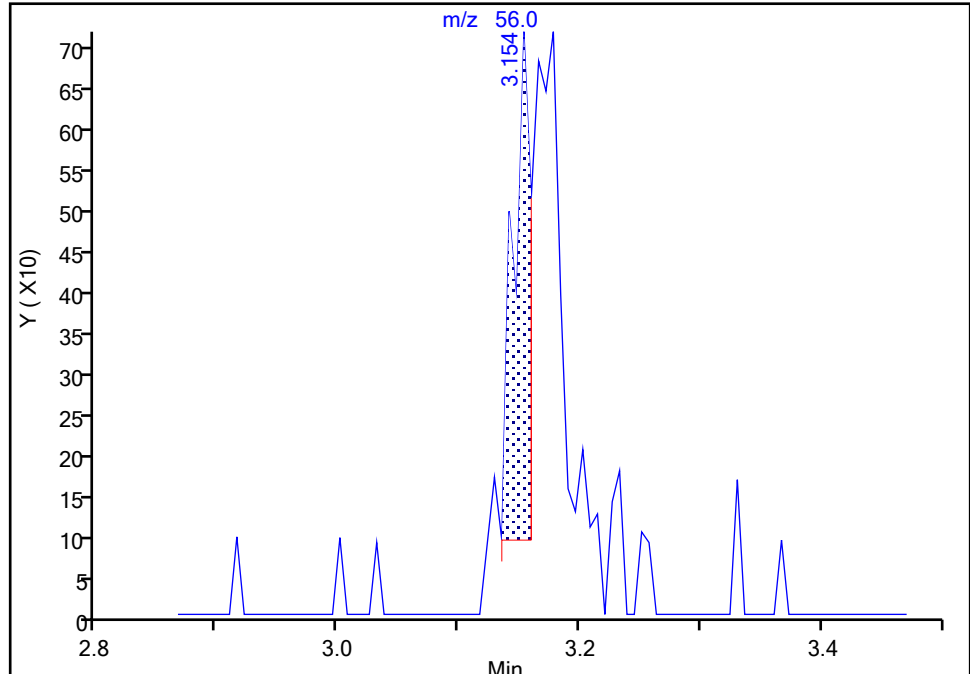
MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

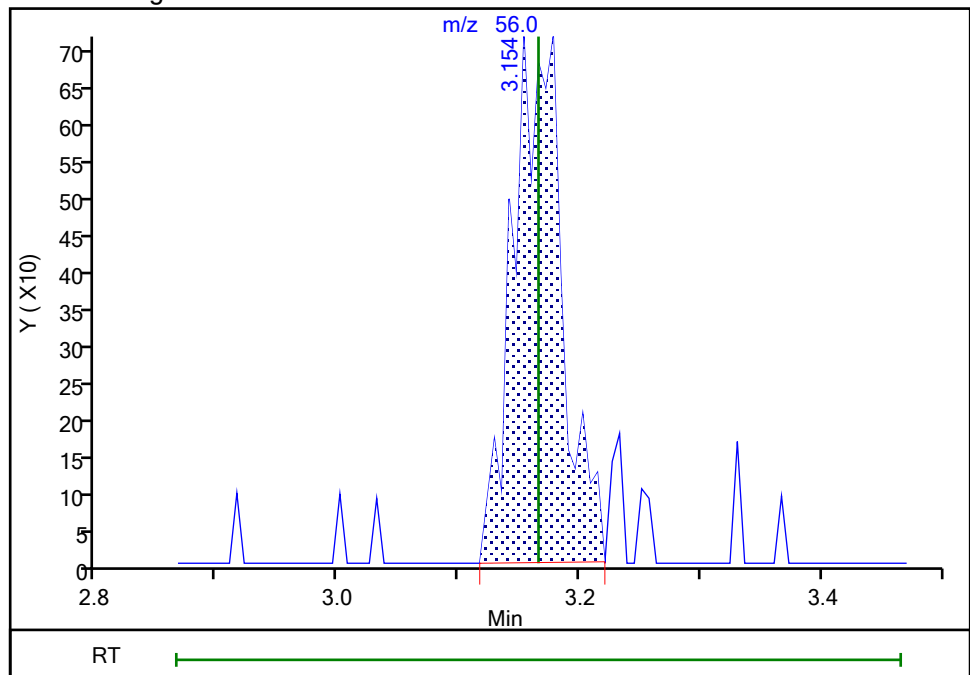
RT: 3.15
Area: 636
Amount: 1.955072
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 2036
Amount: 6.266306
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:32:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

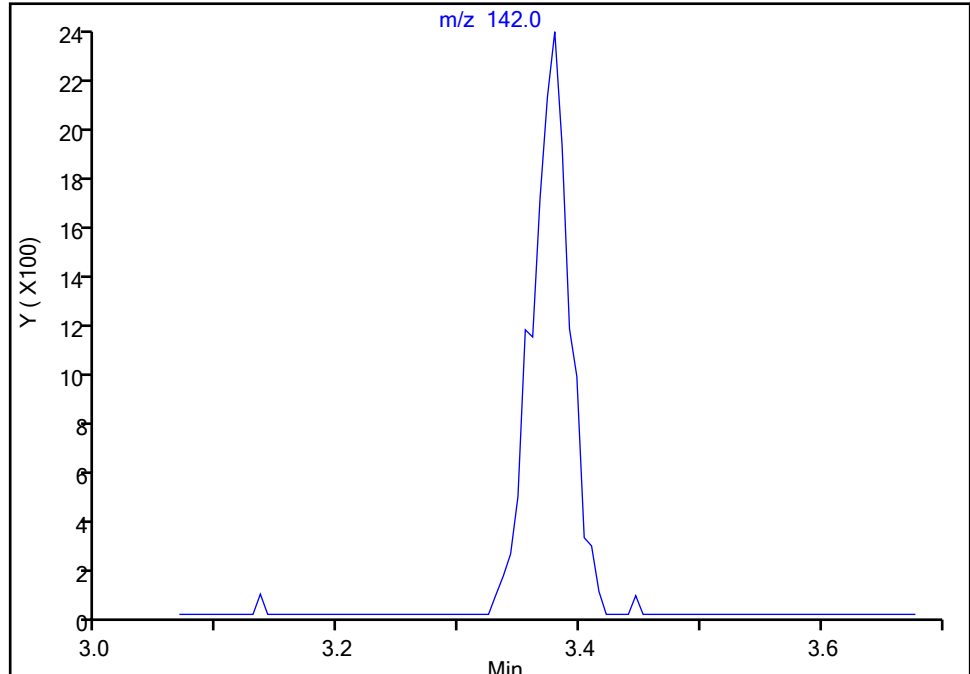
23 Iodomethane, CAS: 74-88-4

Signal: 1

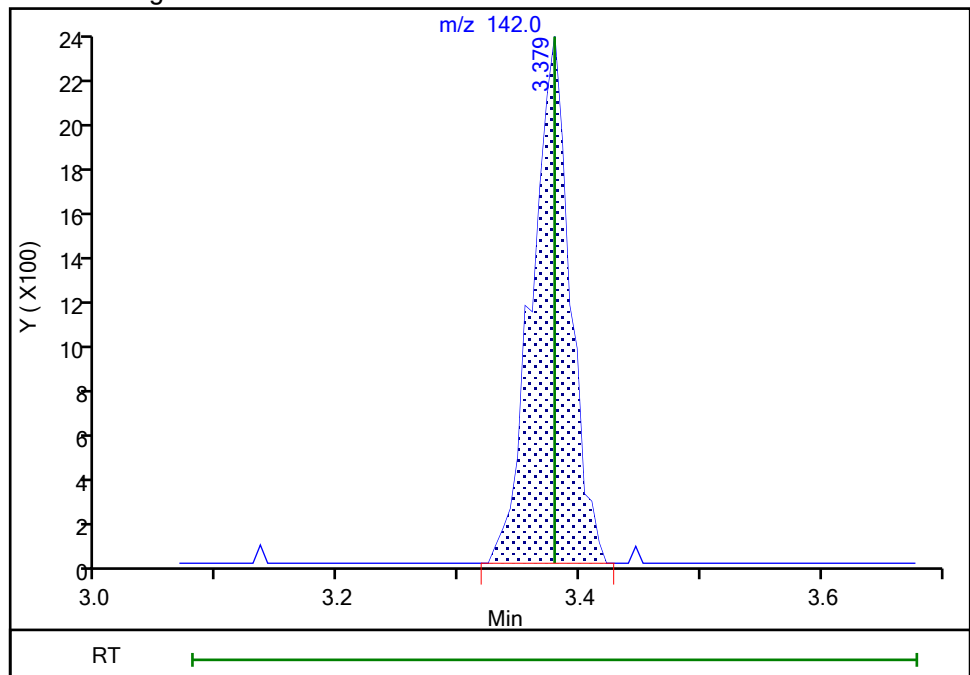
Not Detected

Expected RT: 3.38

Processing Integration Results



Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:33:02

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

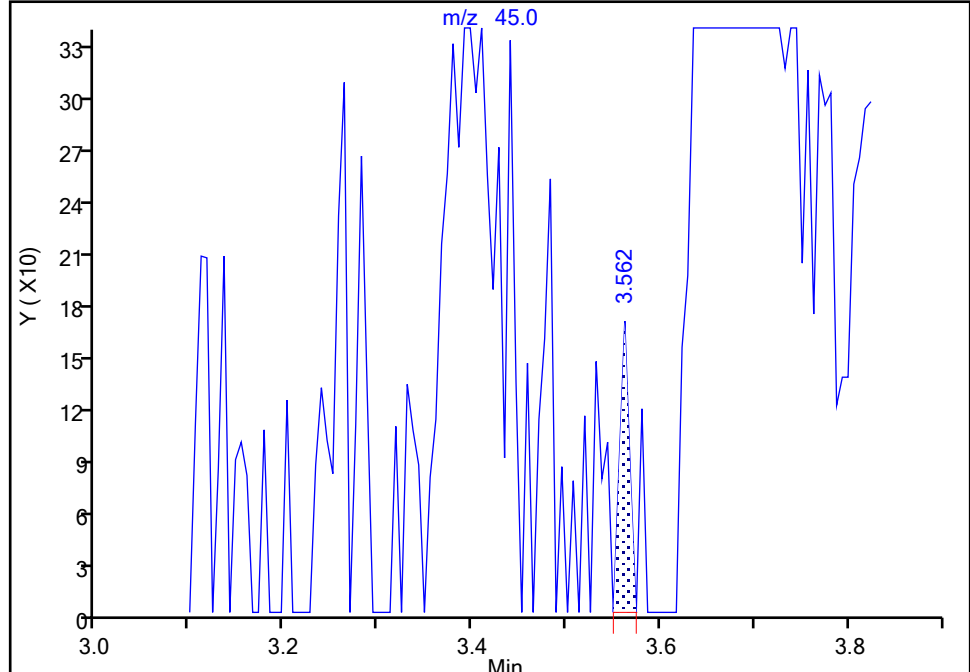
MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

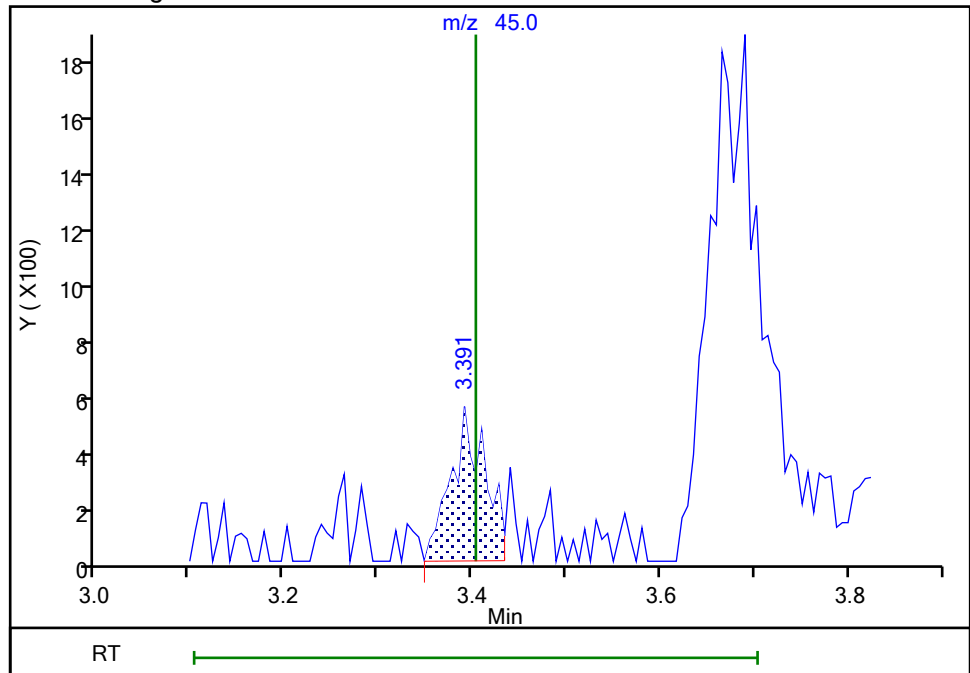
RT: 3.56
Area: 120
Amount: 0.959489
Amount Units: ug/l

Processing Integration Results



RT: 3.39
Area: 1339
Amount: 9.574634
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 18:45:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

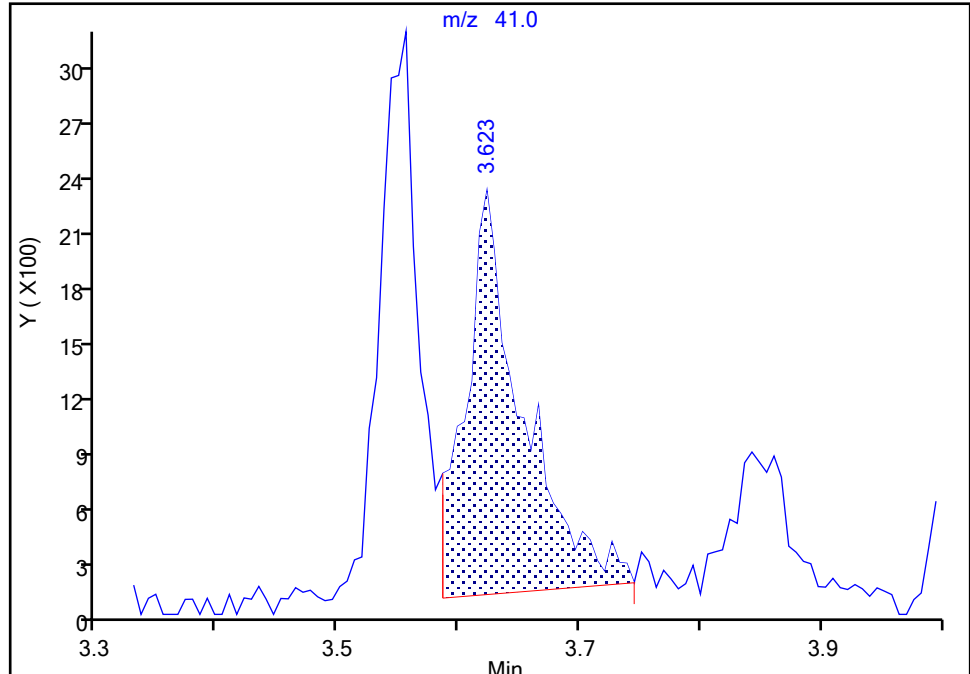
MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

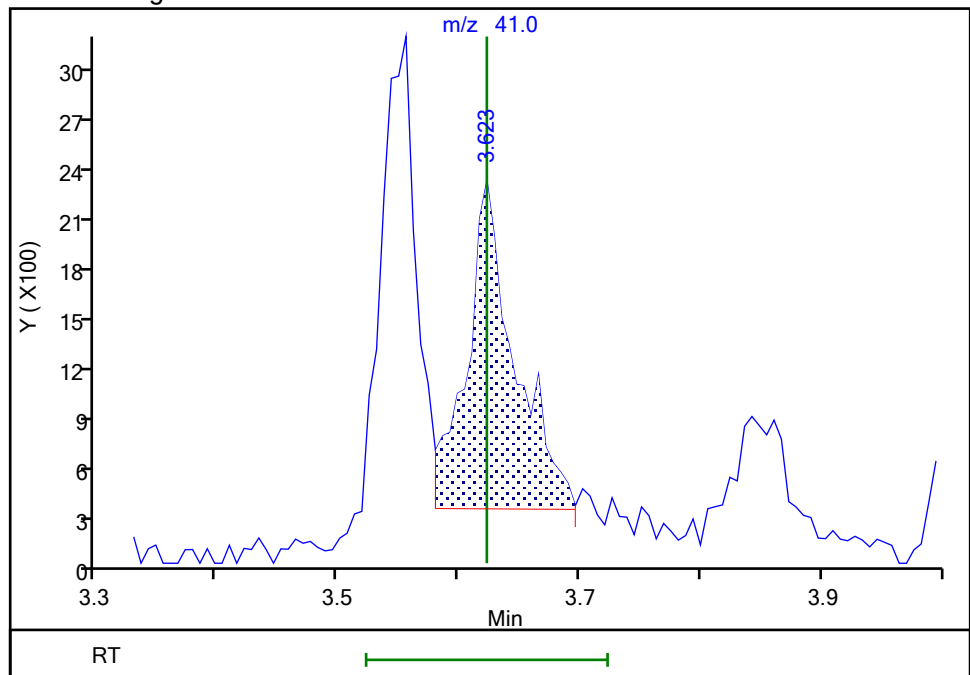
RT: 3.62
Area: 7302
Amount: 21.528082
Amount Units: ug/l

Processing Integration Results



RT: 3.62
Area: 5523
Amount: 16.285262
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 19:08:52

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

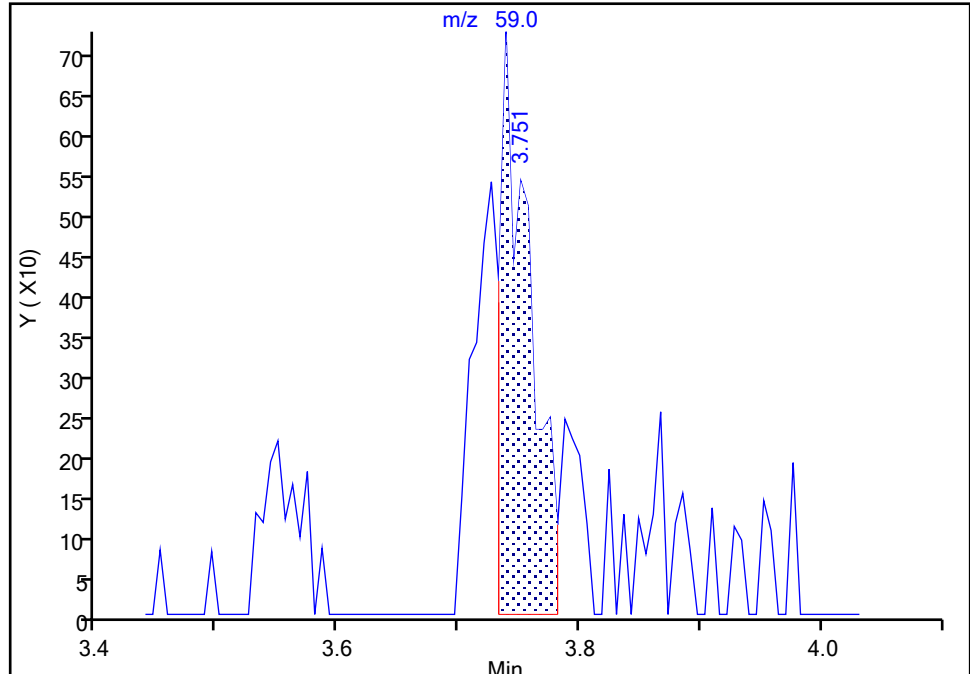
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
Injection Date: 25-Feb-2022 11:12:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

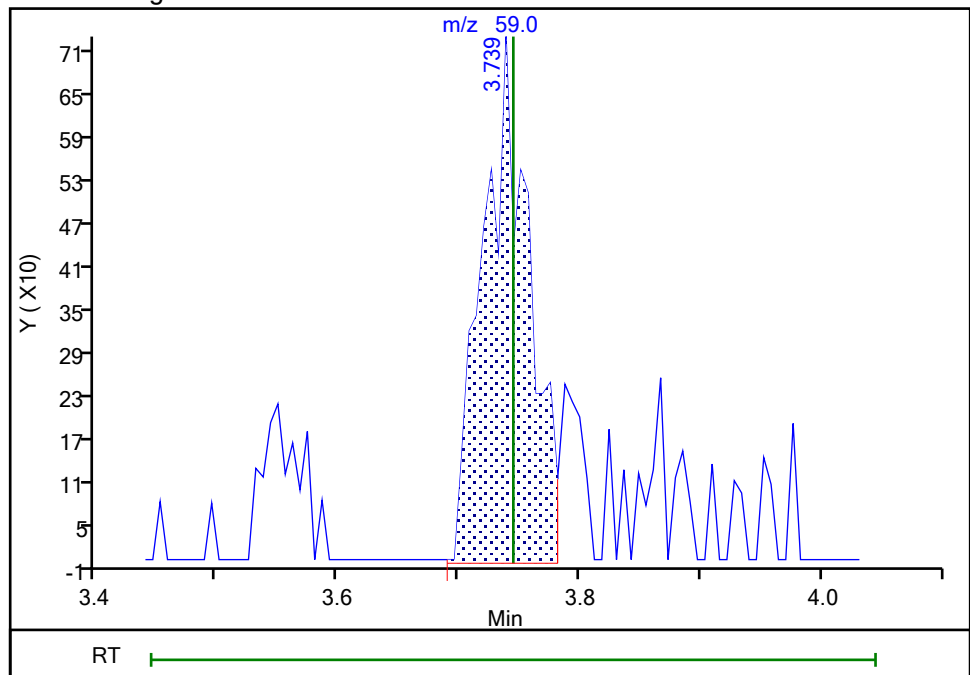
RT: 3.75
Area: 1251
Amount: 6.960831
Amount Units: ug/l

Processing Integration Results



RT: 3.74
Area: 1937
Amount: 10.133230
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:33:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

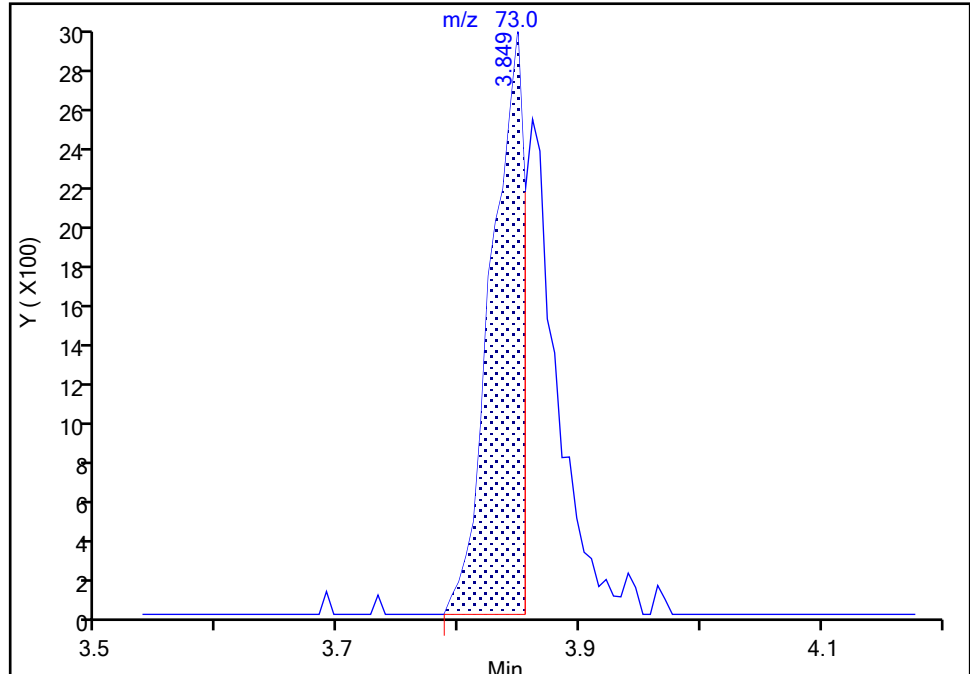
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
Injection Date: 25-Feb-2022 11:12:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

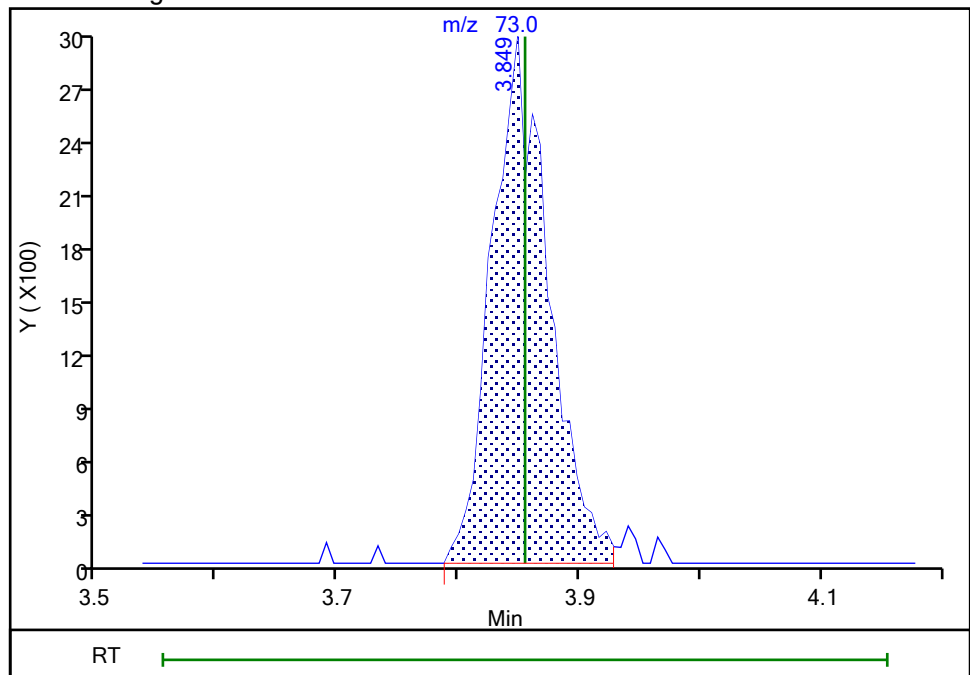
RT: 3.85
Area: 5628
Amount: 0.639589
Amount Units: ug/l

Processing Integration Results



RT: 3.85
Area: 9529
Amount: 1.008405
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:33:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

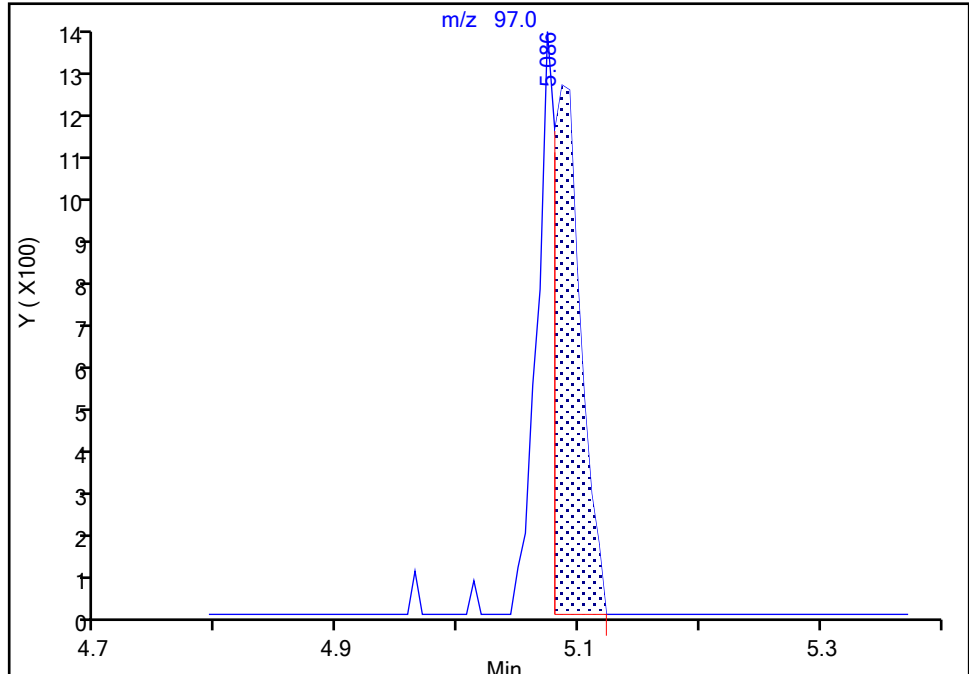
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
Injection Date: 25-Feb-2022 11:12:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

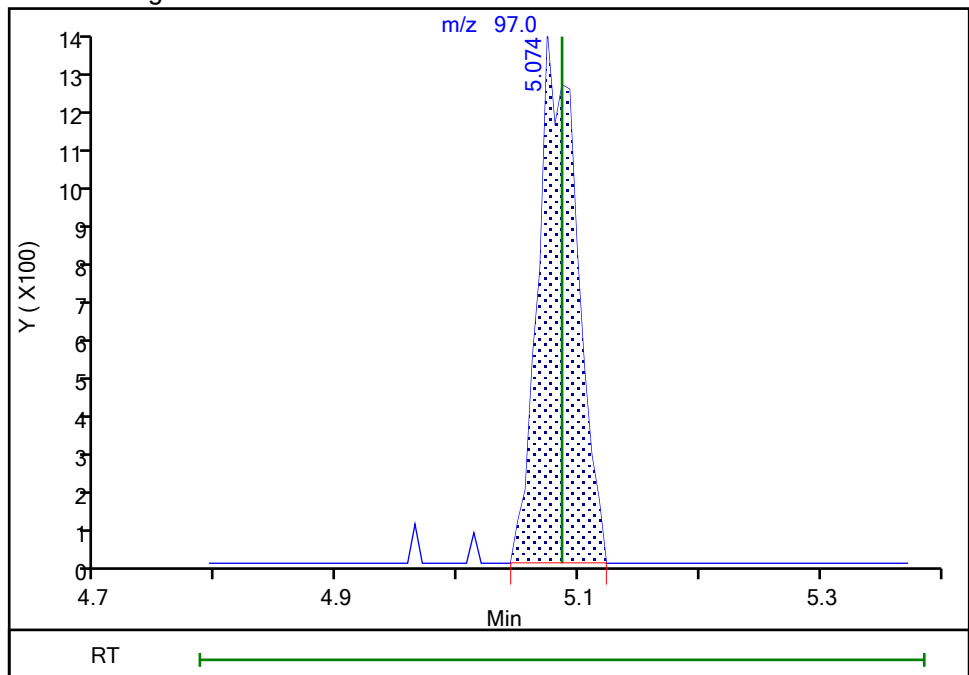
RT: 5.09
Area: 1943
Amount: 0.488053
Amount Units: ug/l

Processing Integration Results



RT: 5.07
Area: 3010
Amount: 0.808476
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:33:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

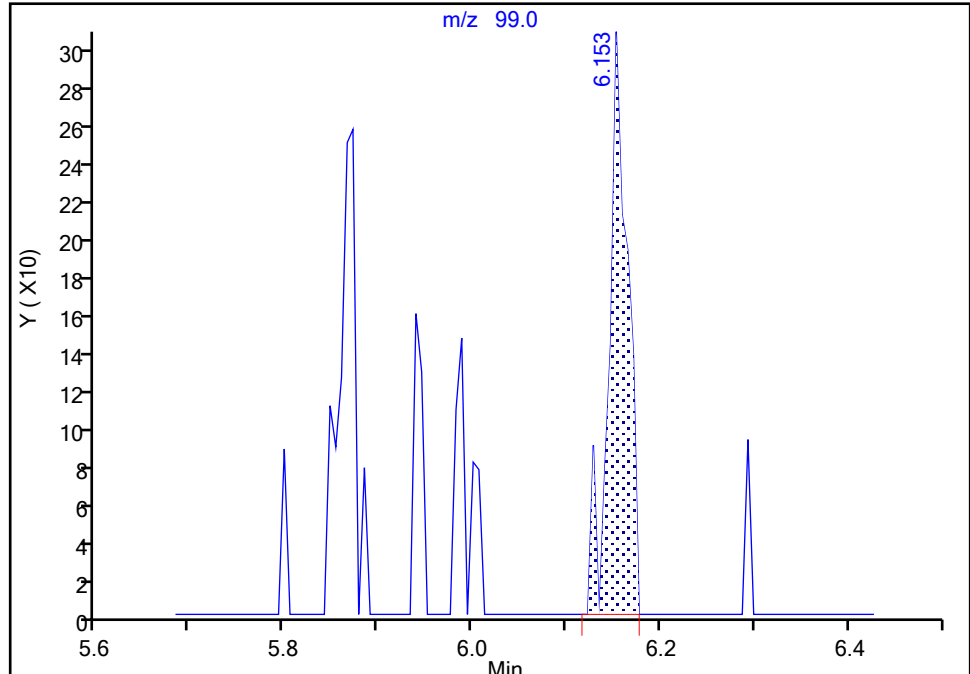
MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

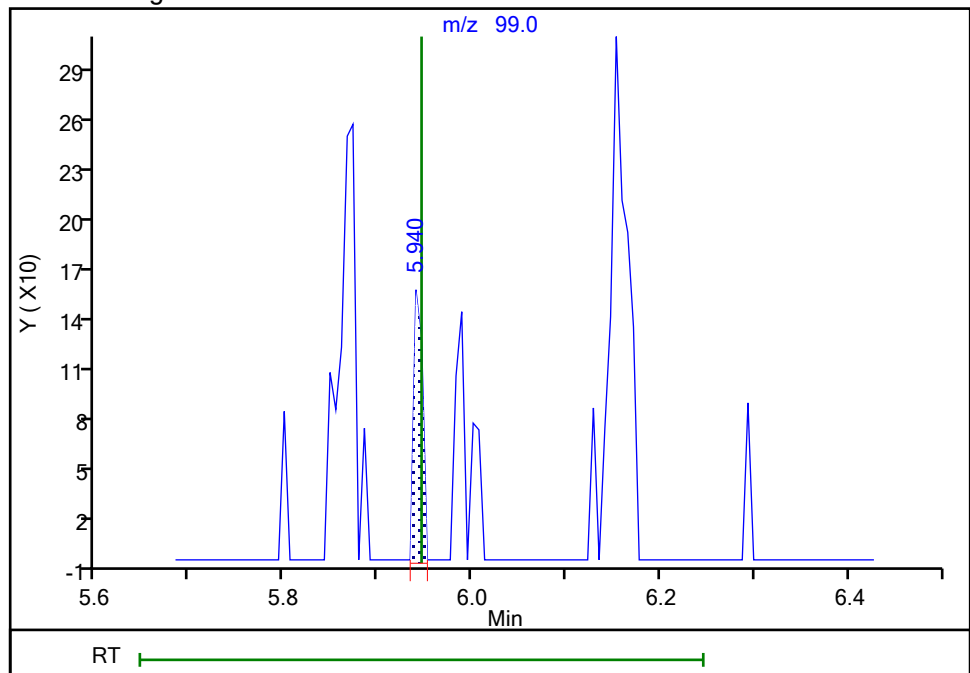
RT: 6.15
Area: 427
Amount: 1.060087
Amount Units: ug/l

Processing Integration Results



RT: 5.94
Area: 109
Amount: 0.395948
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:34:23

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

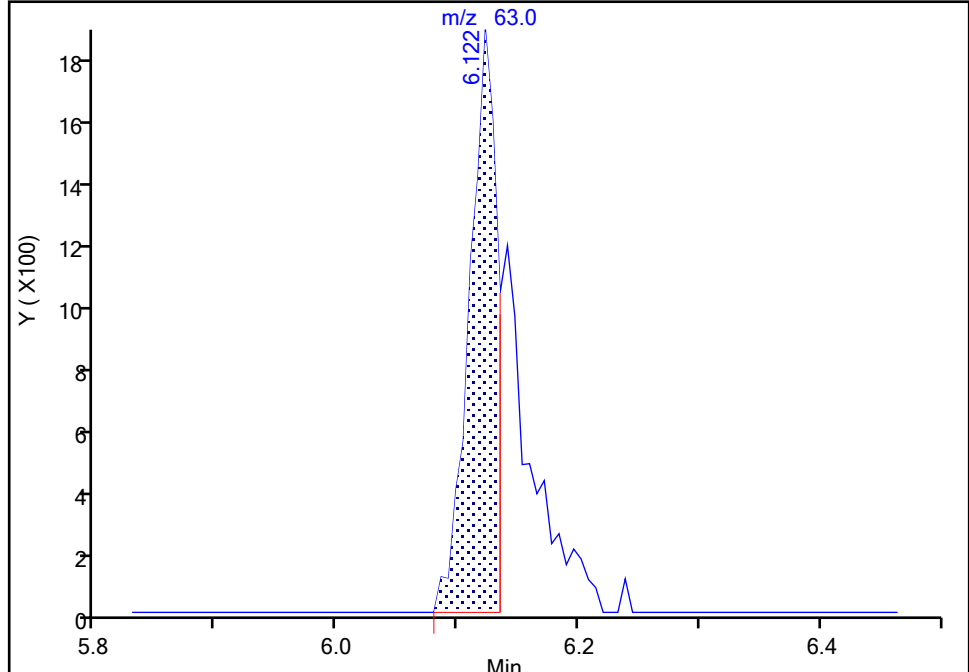
MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

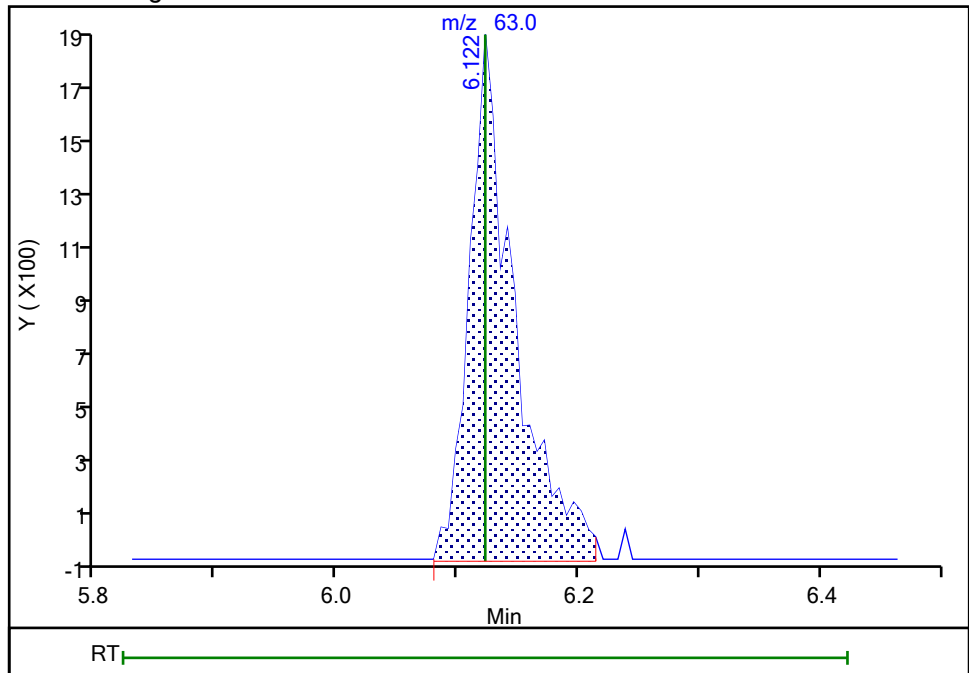
RT: 6.12
Area: 2913
Amount: 0.850037
Amount Units: ug/l

Processing Integration Results



RT: 6.12
Area: 4778
Amount: 1.278312
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:34:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

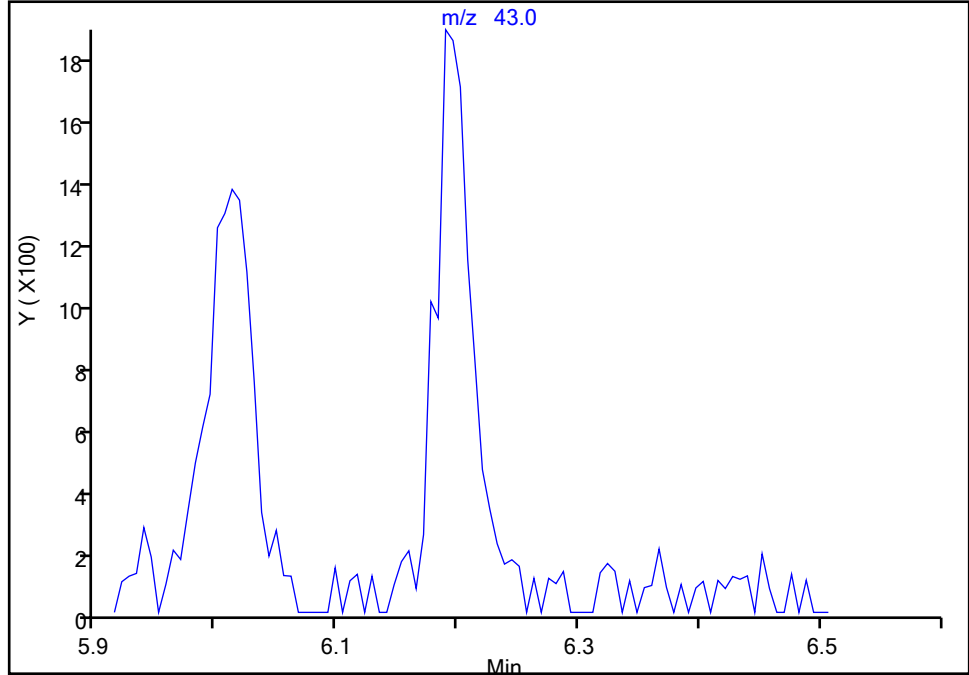
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
Injection Date: 25-Feb-2022 11:12:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

74 n-Propyl acetate, CAS: 109-60-4

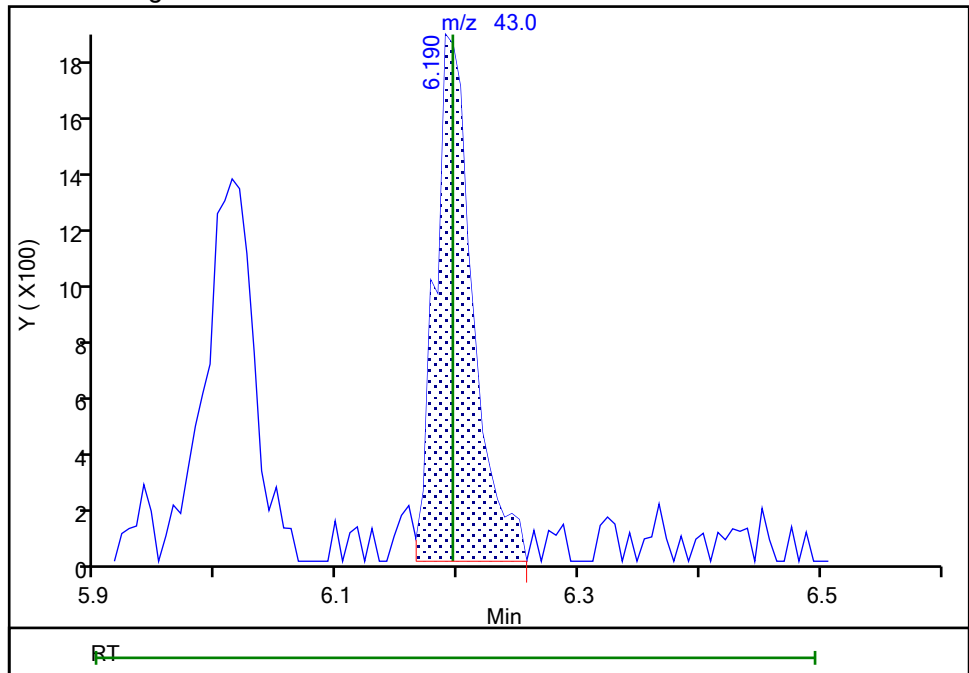
Signal: 1

Not Detected
Expected RT: 6.20

Processing Integration Results



Manual Integration Results



RT: 6.19
Area: 4079
Amount: 0.975968
Amount Units: ug/l

Reviewer: baronm, 25-Feb-2022 18:46:24
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

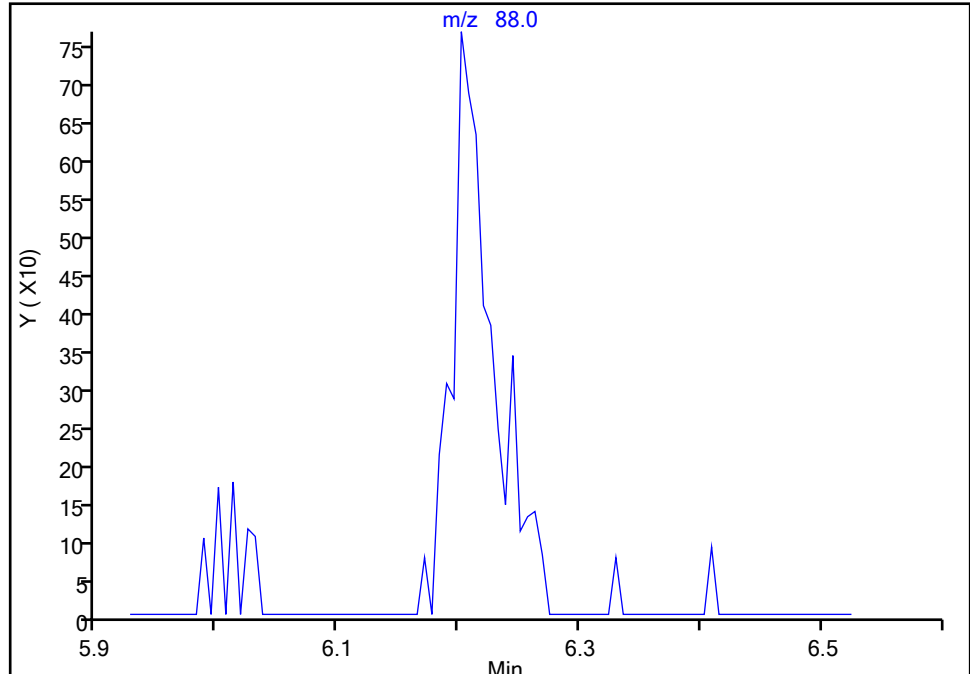
75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

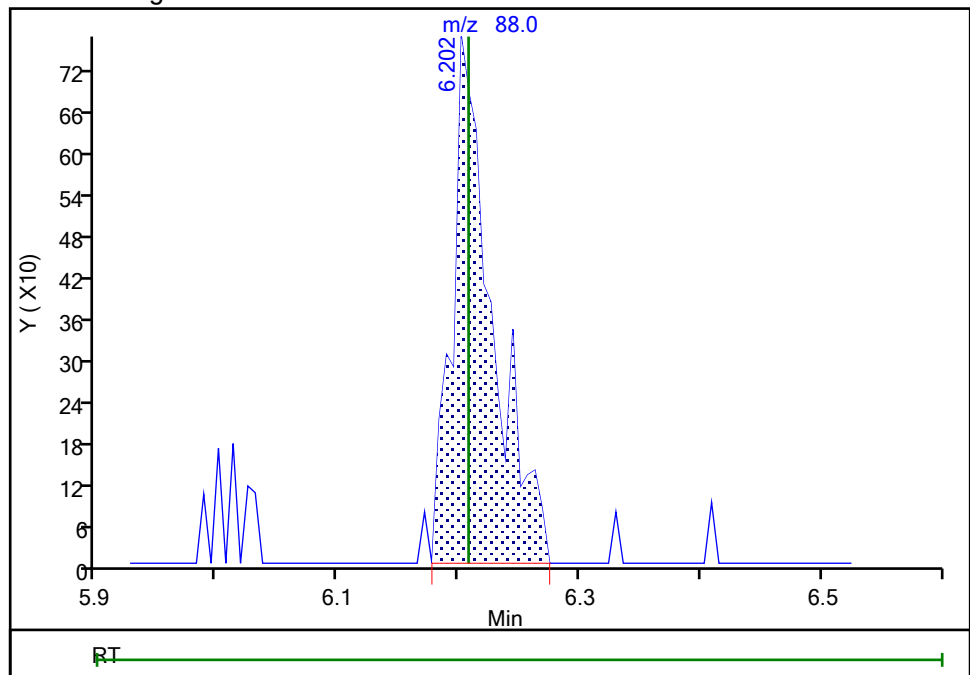
Not Detected

Expected RT: 6.21

Processing Integration Results



Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:34:44

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

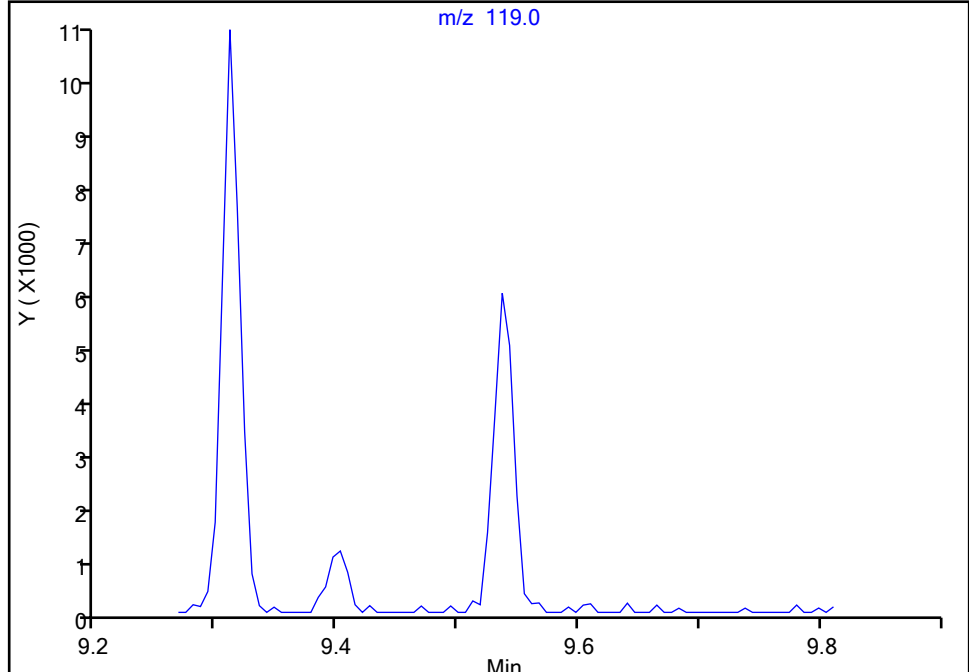
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D
Injection Date: 25-Feb-2022 11:12:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

164 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

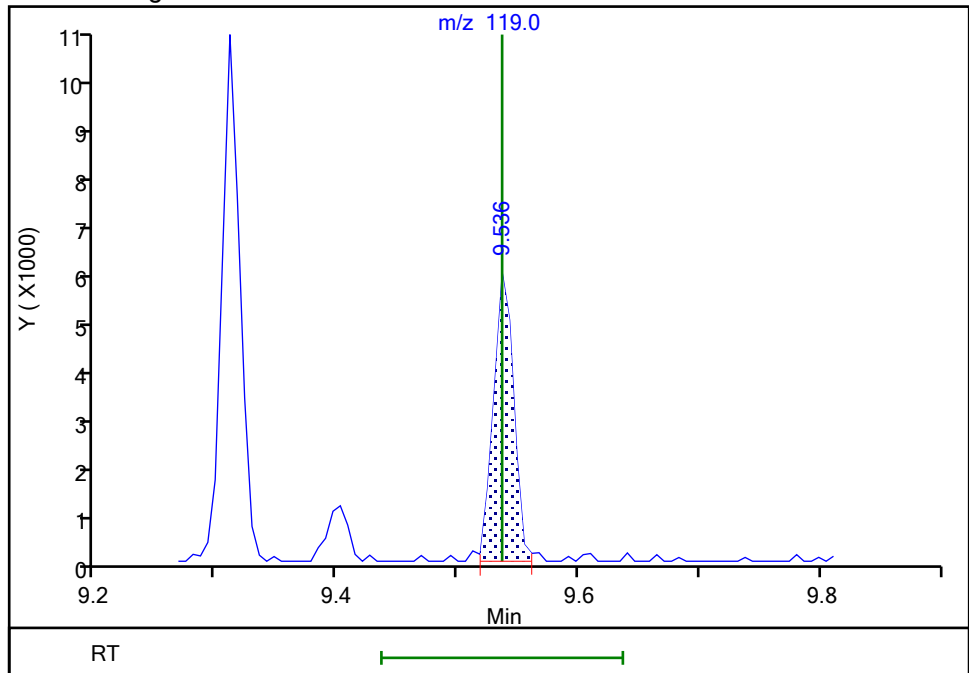
Not Detected
Expected RT: 9.54

Processing Integration Results



RT: 9.54
Area: 6857
Amount: 0.969374
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:35:03
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration
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03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15574.D

Injection Date: 25-Feb-2022 11:12:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

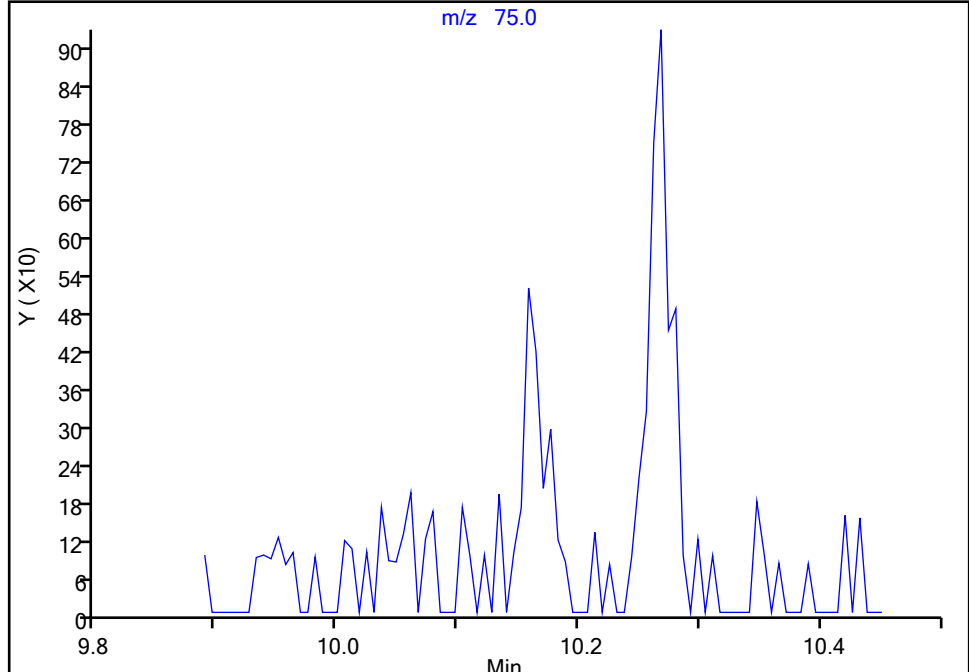
130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

Not Detected

Expected RT: 10.16

Processing Integration Results



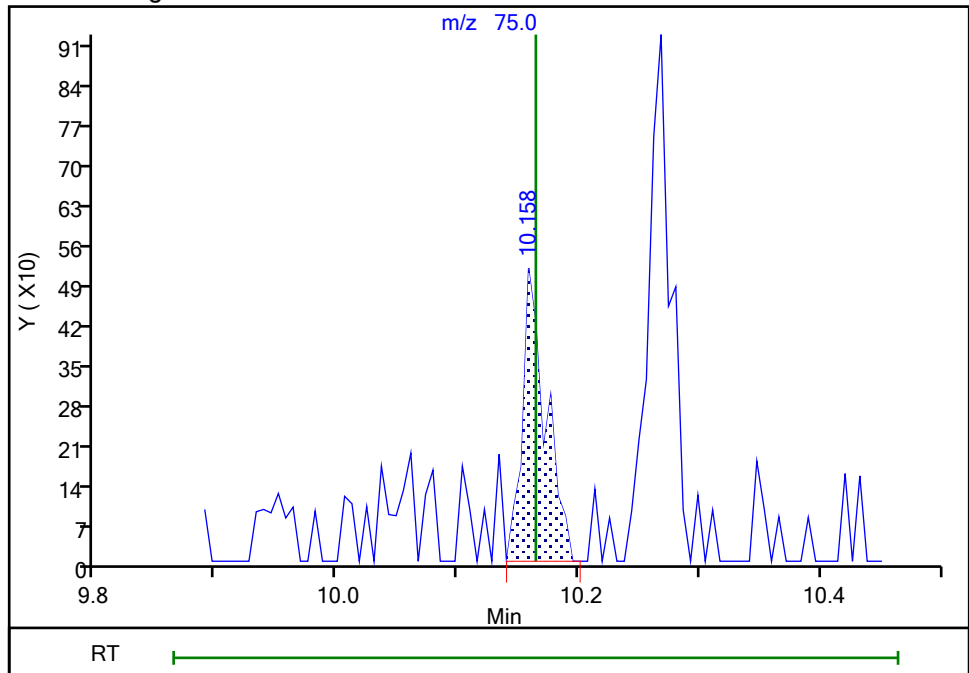
RT: 10.16

Area: 686

Amount: 0.564333

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:35:07

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 25-Feb-2022 11:36:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0141906-005
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 25-Feb-2022 20:01:57 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: desais

Date: 25-Feb-2022 13:30:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.642	1.654	-0.012	53	5527	5.00	4.54	a
4 Dichlorodifluoromethane	85	1.690	1.690	0.000	79	18695	5.00	4.21	
165 Chlorodifluoromethane	51	1.709	1.721	-0.012	78	18757	5.00	4.32	
6 Chloromethane	50	1.904	1.916	-0.012	88	28749	5.00	5.12	
7 Vinyl chloride	62	2.013	2.026	-0.013	82	25045	5.00	4.76	
172 Butadiene	39	2.026	2.038	-0.012	96	24120	5.00	4.57	
9 Bromomethane	94	2.391	2.397	-0.006	88	13099	5.00	5.01	
10 Chloroethane	64	2.471	2.477	-0.006	94	14197	5.00	4.86	
12 Trichlorofluoromethane	101	2.696	2.708	-0.012	61	19784	5.00	4.44	a
174 Dichlorofluoromethane	67	2.696	2.708	-0.012	97	31163	5.00	4.71	
13 Pentane	72	2.727	2.739	-0.012	95	5638	10.0	10.0	
14 Ethanol	46	2.964	2.964	0.000	71	3623	200.0	232.0	M
15 Ethyl ether	59	2.958	2.964	-0.006	93	15045	5.00	5.21	
16 2-Methyl-1,3-butadiene	53	2.983	2.995	-0.012	64	14500	5.00	4.58	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.032	3.044	-0.012	70	11295	5.00	4.39	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.092	3.105	-0.013	91	22263	5.00	4.76	a
19 Acrolein	56	3.166	3.166	0.000	87	8687	20.3	27.0	
20 1,1,2,2-TCTFE	101	3.178	3.178	0.000	73	12747	5.00	4.46	
21 1,1-Dichloroethene	96	3.196	3.208	-0.012	86	14171	5.00	4.80	
22 Acetone	58	3.294	3.300	-0.006	82	10331	25.0	26.5	
23 Iodomethane	142	3.373	3.379	-0.006	98	22518	5.00	4.98	
24 Isopropyl alcohol	45	3.391	3.403	-0.012	28	6994	50.0	49.9	
25 Carbon disulfide	76	3.410	3.409	0.001	100	58865	5.00	4.92	
161 3-Chloro-1-propene	76	3.544	3.550	-0.006	12	8826	5.00	4.57	
27 Methyl acetate	43	3.550	3.562	-0.012	82	26213	10.0	10.6	
166 Cyclopentene	67	3.562	3.568	-0.006	67	40240	5.00	4.68	
29 Acetonitrile	41	3.623	3.623	0.000	98	24050	50.0	70.9	M
* 30 TBA-d9 (IS)	65	3.672	3.684	-0.012	49	173448	1000.0	1000.0	
31 Methylene Chloride	84	3.690	3.690	0.000	58	18589	5.00	5.04	
32 2-Methyl-2-propanol	59	3.739	3.745	-0.006	97	8909	50.0	46.5	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.842	3.855	-0.013	95	45978	5.00	5.01	
34 trans-1,2-Dichloroethene	96	3.867	3.873	-0.006	81	15849	5.00	4.91	
35 Acrylonitrile	53	3.940	3.946	-0.006	94	75409	50.0	52.7	
36 Hexane	43	4.013	4.019	-0.006	92	17199	5.00	4.74	
37 Isopropyl ether	45	4.220	4.226	-0.006	95	60529	5.00	5.16	
38 1,1-Dichloroethane	63	4.251	4.257	-0.006	79	31827	5.00	5.03	
39 Vinyl acetate	86	4.263	4.269	-0.006	99	3930	10.0	9.37	
40 2-Chloro-1,3-butadiene	88	4.293	4.300	-0.007	87	13849	5.00	4.96	
41 Tert-butyl ethyl ether	59	4.513	4.513	0.000	86	52276	5.00	5.18	
* 42 2-Butanone-d5	46	4.678	4.684	-0.006	86	329826	250.0	250.0	
43 2,2-Dichloropropane	97	4.708	4.714	-0.006	62	4751	5.00	4.67	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	54	17855	5.00	5.25	
46 Ethyl acetate	70	4.720	4.732	-0.012	88	2922	10.0	8.93	
45 2-Butanone (MEK)	72	4.726	4.732	-0.006	96	9884	25.0	24.7	
47 Methyl acrylate	55	4.775	4.775	0.000	94	11951	5.00	4.70	
48 Propionitrile	54	4.842	4.848	-0.006	36	27828	50.0	57.0	
49 Tetrahydrofuran	72	4.909	4.909	0.000	50	4491	10.0	9.98	
50 Chlorobromomethane	128	4.915	4.915	0.000	45	7415	5.00	4.91	
51 Methacrylonitrile	67	4.928	4.934	-0.006	93	71906	50.0	52.4	
52 Chloroform	83	4.952	4.952	0.000	94	25469	5.00	4.99	
53 Cyclohexane	56	5.068	5.074	-0.006	54	30238	5.00	4.49	
54 1,1,1-Trichloroethane	97	5.080	5.086	-0.006	36	16146	5.00	4.46	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.086	-0.006	96	110051	50.0	47.4	
56 Carbon tetrachloride	117	5.177	5.184	-0.007	83	8639	5.00	4.05	
57 1,1-Dichloropropene	75	5.196	5.202	-0.006	94	21271	5.00	4.83	
58 Isobutyl alcohol	43	5.269	5.269	0.000	64	9114	125.0	107.1	
59 Isooctane	57	5.324	5.330	-0.006	56	47040	5.00	4.67	
60 Benzene	78	5.354	5.360	-0.006	64	65558	5.00	5.30	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.373	-0.007	49	173046	50.0	49.5	
62 Isopropyl acetate	61	5.366	5.379	-0.013	13	8706	5.00	6.65	
63 Tert-amyl methyl ether	87	5.385	5.397	-0.012	39	13234	5.00	4.96	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	88	22497	5.00	5.27	
65 n-Heptane	71	5.458	5.464	-0.006	92	13451	5.00	4.46	
* 66 Fluorobenzene	96	5.580	5.586	-0.006	97	450177	50.0	50.0	
67 n-Butanol	56	5.787	5.787	0.000	91	5741	125.0	108.9	
68 Trichloroethene	95	5.866	5.872	-0.006	93	14422	5.00	4.86	
69 Ethyl acrylate	99	5.952	5.946	0.006	1	1100	5.00	4.11	
70 Methylcyclohexane	83	5.982	5.988	-0.006	94	26167	5.00	4.43	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	81	17890	5.00	4.93	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	82	26371	1000.0	1000.0	
72 Methyl methacrylate	69	6.153	6.159	-0.006	91	12846	10.0	6.49	
74 n-Propyl acetate	43	6.196	6.196	0.000	96	16924	5.00	4.17	
75 1,4-Dioxane	88	6.208	6.208	0.000	33	3732	100.0	115.0	
76 Dibromomethane	93	6.238	6.238	0.000	90	8461	5.00	4.87	
77 Dichlorobromomethane	83	6.354	6.360	-0.006	89	11330	5.00	4.28	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	86	9226	5.01	4.73	
79 2-Nitropropane	41	6.641	6.647	-0.006	72	4384	10.0	10.5	
80 Epichlorohydrin	57	6.720	6.726	-0.006	79	28818	100.0	92.3	
81 cis-1,3-Dichloropropene	75	6.769	6.769	0.000	89	19678	5.00	4.63	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.884	-0.006	84	80189	25.0	25.3	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	98	507189	50.0	50.4	
84 Toluene	91	7.012	7.012	0.000	94	62711	5.00	5.24	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.226	7.232	-0.006	64	8891	5.00	2.52	
86 trans-1,3-Dichloropropene	75	7.232	7.232	0.000	91	15614	5.00	4.26	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	87	10214	5.00	5.05	
88 Tetrachloroethene	166	7.409	7.415	-0.006	88	11546	5.00	4.92	
89 1,3-Dichloropropane	76	7.500	7.506	-0.006	96	22810	5.00	5.21	
90 2-Hexanone	58	7.518	7.518	0.000	96	25826	25.0	23.6	
91 n-Butyl acetate	73	7.567	7.567	0.000	97	2280	5.00	4.40	
92 Chlorodibromomethane	129	7.640	7.640	0.000	85	5982	5.00	4.82	
93 Ethylene Dibromide	107	7.738	7.744	-0.006	90	9502	5.00	4.55	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	89	303144	50.0	50.0	
95 Chlorobenzene	112	8.037	8.043	-0.006	91	36687	5.00	5.22	
96 Ethylbenzene	106	8.079	8.079	0.000	99	20754	5.00	5.00	
97 1,1,1,2-Tetrachloroethane	131	8.092	8.092	0.000	54	6947	5.00	4.55	
98 m-Xylene & p-Xylene	106	8.152	8.152	0.000	98	24794	5.00	5.03	
99 n-Butyl acrylate	73	8.354	8.354	0.000	94	4314	5.00	2.72	
100 o-Xylene	106	8.402	8.402	0.000	92	24876	5.00	4.99	
101 Styrene	104	8.415	8.415	0.000	91	36377	5.00	4.82	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	88	15224	5.00	3.25	
103 Bromoform	173	8.555	8.555	0.000	66	2723	5.00	4.01	
104 Isopropylbenzene	105	8.604	8.604	0.000	95	65100	5.00	5.16	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	84	127099	50.0	50.4	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	81	15065	5.00	4.69	
107 Bromobenzene	156	8.823	8.823	0.000	84	13859	5.00	4.89	
108 N-Propylbenzene	91	8.835	8.835	0.000	97	83241	5.00	5.20	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.847	0.000	55	3274	5.00	3.97	
110 1,2,3-Trichloropropane	110	8.854	8.854	0.000	76	4555	5.00	4.80	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	64300	5.00	5.06	
112 2-Chlorotoluene	91	8.915	8.915	0.001	91	61905	5.00	5.06	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	76	56523	5.00	4.99	
114 Butyl Methacrylate	87	8.957	8.957	0.000	91	6231	5.00	1.98	
115 4-Chlorotoluene	91	8.975	8.975	0.000	98	50492	5.00	5.23	
116 tert-Butylbenzene	119	9.110	9.110	0.000	55	43457	5.00	4.78	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	98	56171	5.00	5.01	
118 sec-Butylbenzene	134	9.238	9.238	0.000	99	12621	5.00	4.55	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	83	57284	5.00	4.90	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	73	29012	5.00	5.04	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	98	162986	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	62	29482	5.00	5.01	
123 1,2,3-Trimethylbenzene	105	9.402	9.396	0.006	98	61863	5.00	5.11	
124 Benzyl chloride	91	9.481	9.481	0.000	96	19552	5.00	3.27	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	22	62195	5.00	5.17	
164 p-Diethylbenzene	119	9.536	9.536	0.000	66	35042	5.00	5.08	
127 n-Butylbenzene	92	9.555	9.555	0.000	98	35570	5.00	5.03	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	91	29034	5.00	5.03	
163 1,2,4,5-Tetramethylbenzene	119	10.055	10.055	0.000	0	54342	5.00	4.91	
130 1,2-Dibromo-3-Chloropropane	157	10.164	10.164	0.000	55	1507	5.00	2.83	
131 1,3,5-Trichlorobenzene	180	10.274	10.268	0.006	95	22291	5.00	5.09	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	90	19121	5.00	4.76	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	88	6636	5.00	4.20	
134 Naphthalene	128	11.036	11.036	0.000	99	47373	5.00	4.75	
135 1,2,3-Trichlorobenzene	180	11.262	11.268	-0.006	91	17766	5.00	5.02	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		10.0	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00464	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00150	Amount Added: 10.00	Units: uL	
ACROLEIN W_00137	Amount Added: 4.00	Units: uL	
524freon_00049	Amount Added: 10.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D

Injection Date: 25-Feb-2022 11:36:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

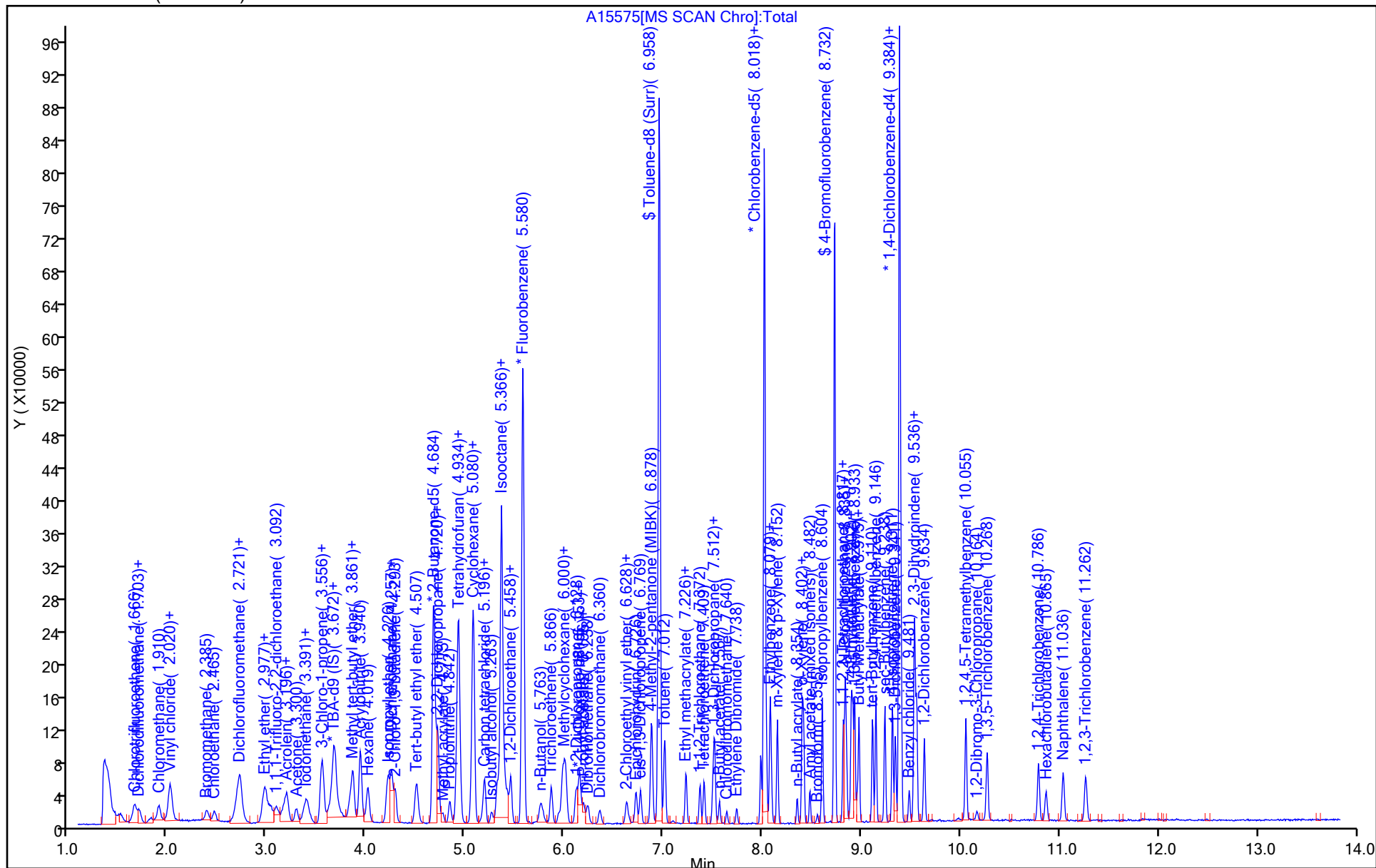
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D

Injection Date: 25-Feb-2022 11:36:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

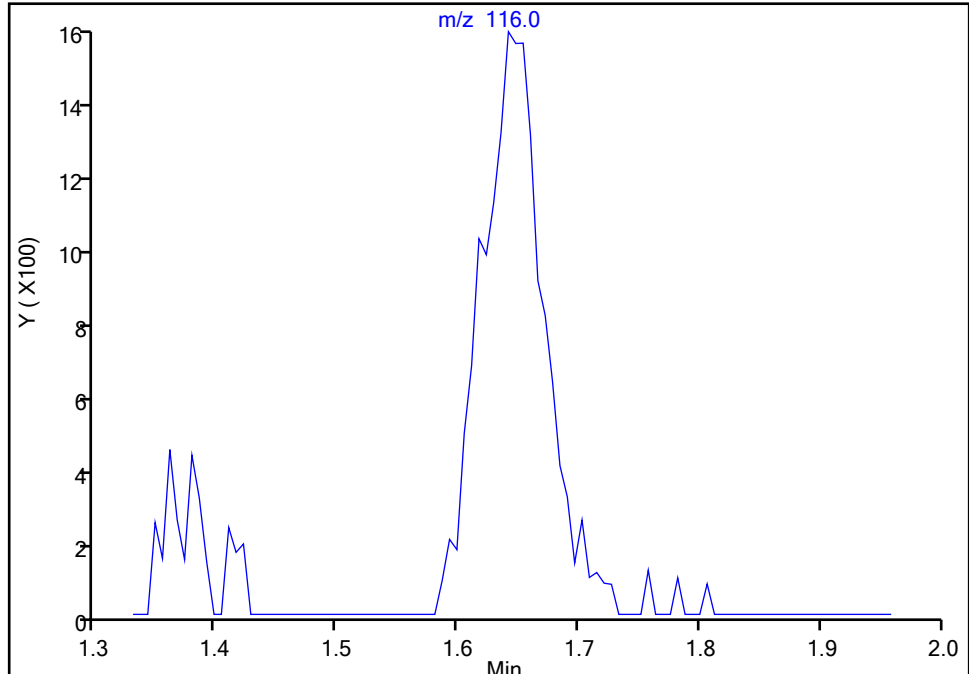
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

Not Detected

Expected RT: 1.65

Processing Integration Results



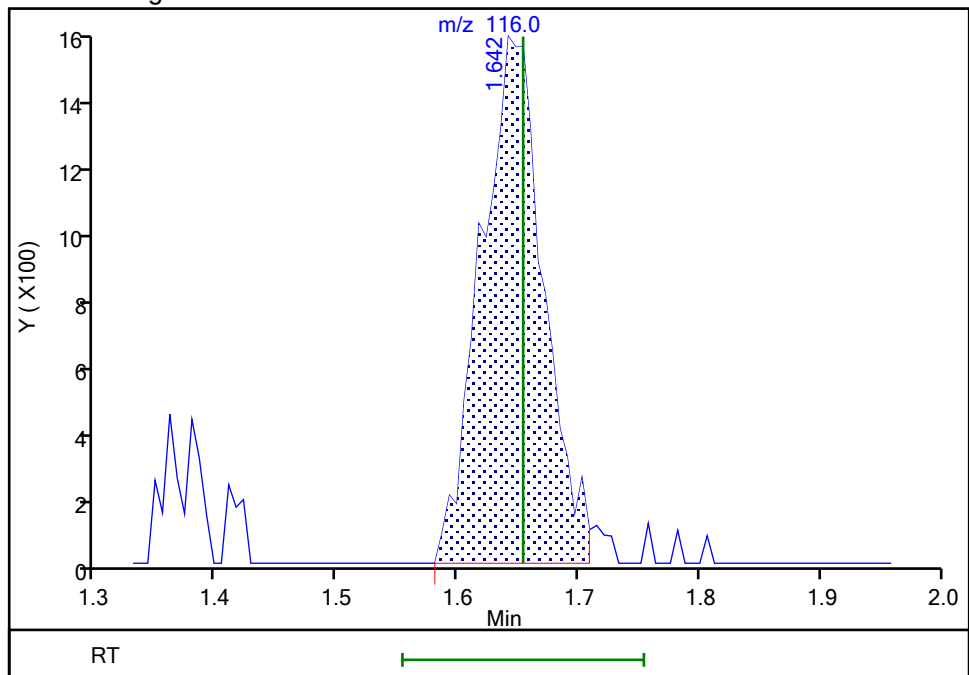
RT: 1.64

Area: 5527

Amount: 4.544191

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:29:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

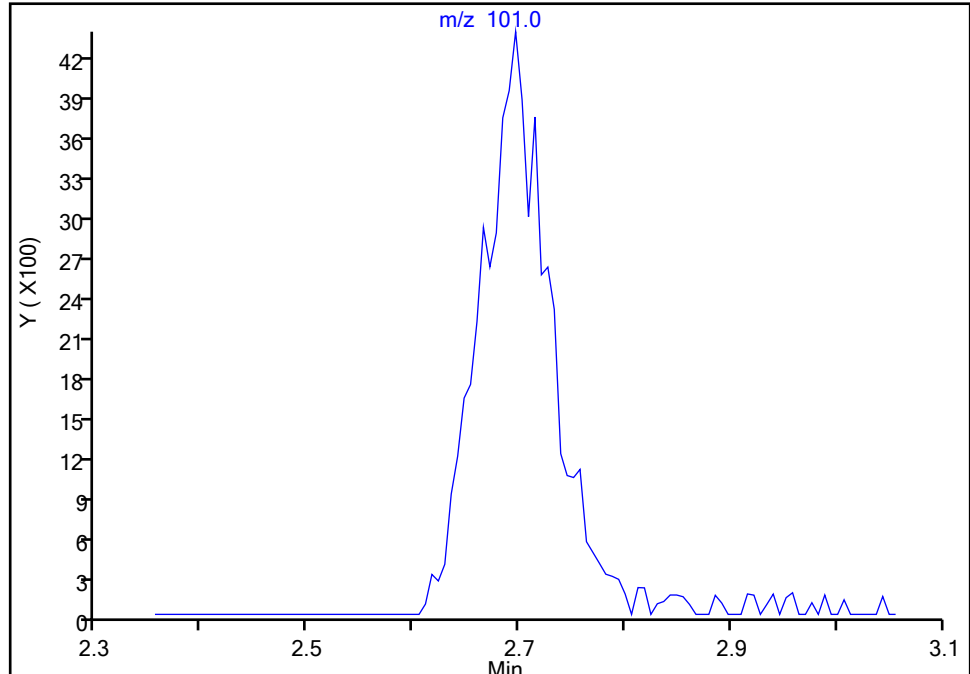
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D
Injection Date: 25-Feb-2022 11:36:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

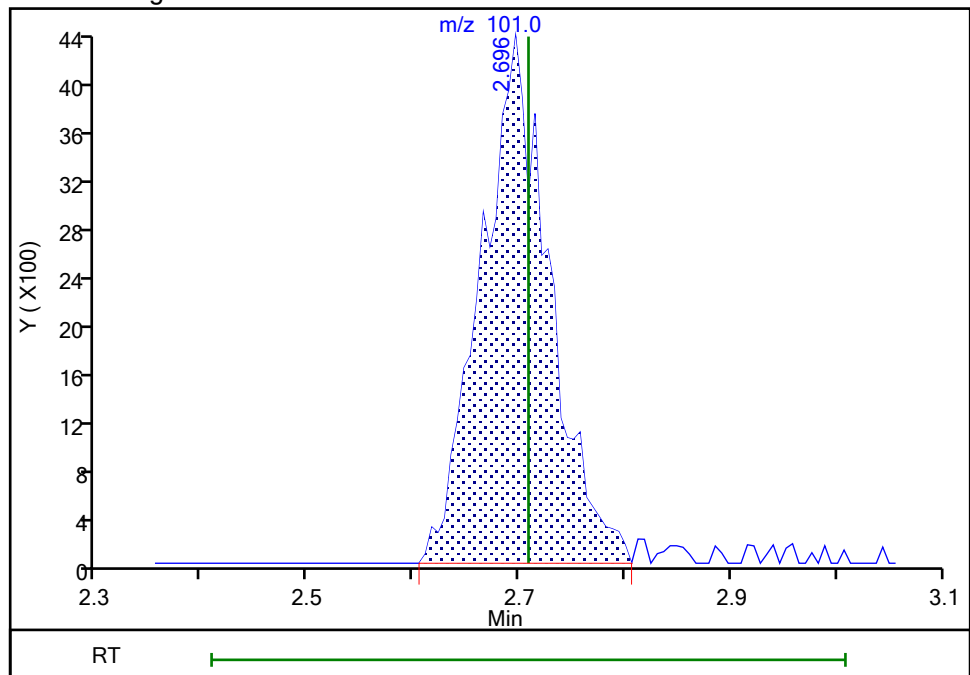
Not Detected
Expected RT: 2.71

Processing Integration Results



RT: 2.70
Area: 19784
Amount: 4.444620
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:29:20
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D

Injection Date: 25-Feb-2022 11:36:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

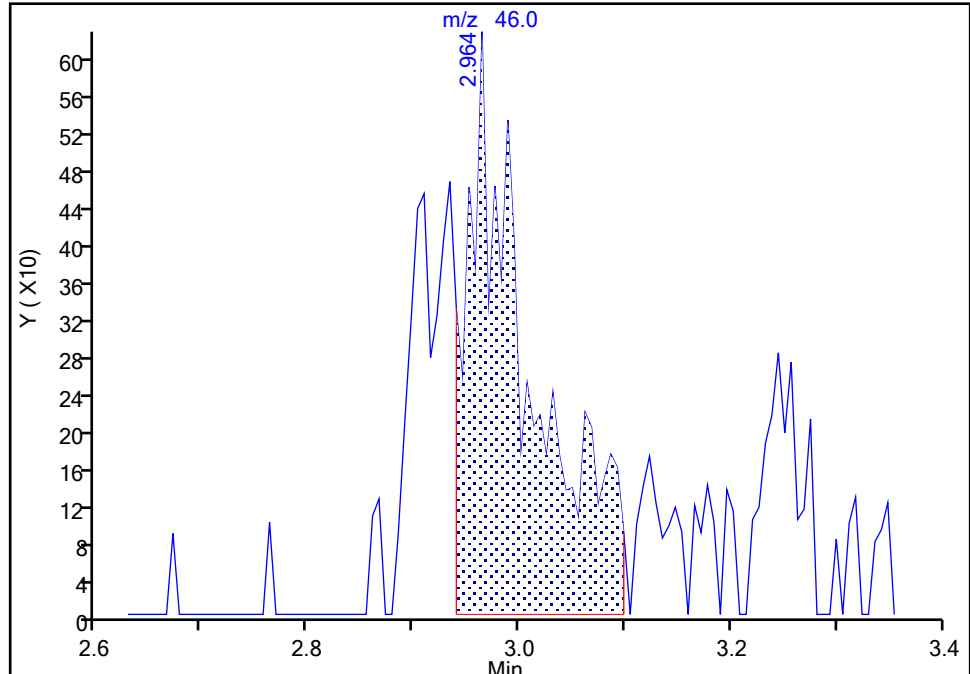
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

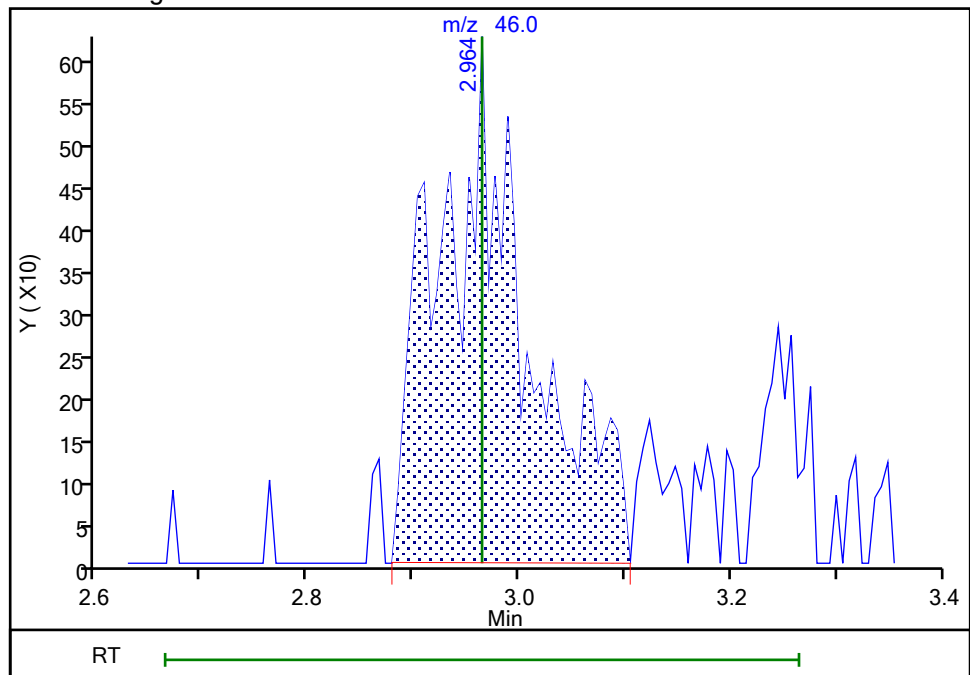
RT: 2.96
Area: 2546
Amount: 175.2867
Amount Units: ug/l

Processing Integration Results



RT: 2.96
Area: 3623
Amount: 232.0326
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:29:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D

Injection Date: 25-Feb-2022 11:36:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

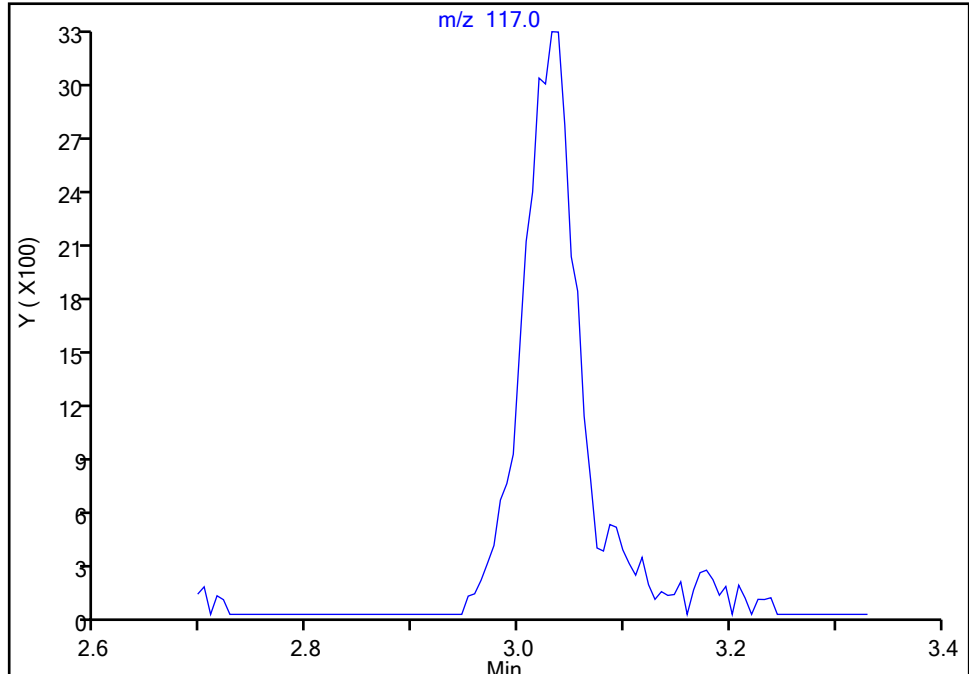
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

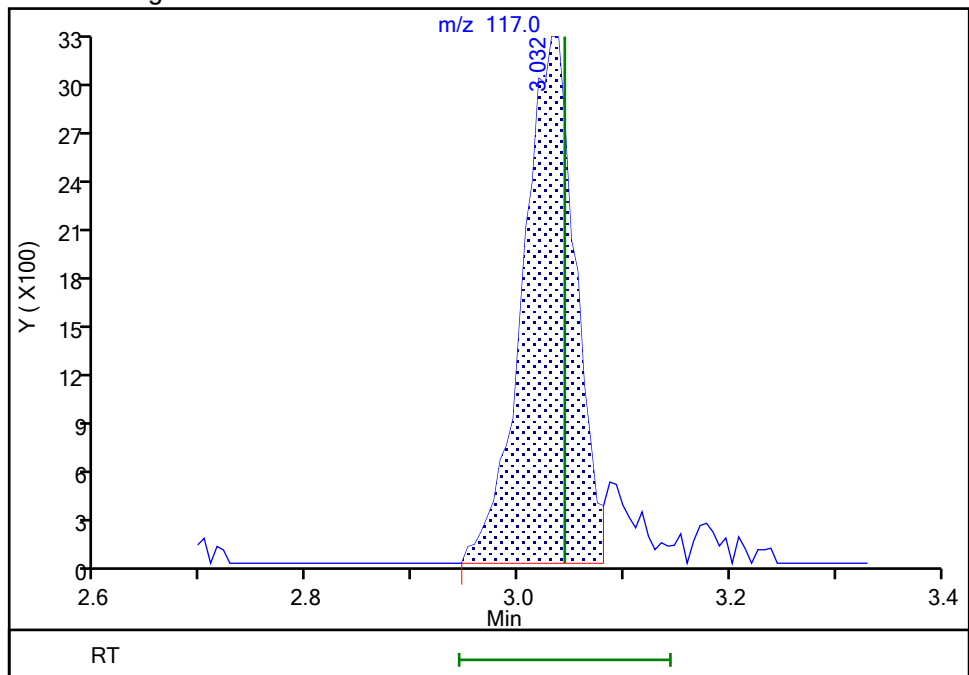
Not Detected

Expected RT: 3.04

Processing Integration Results



Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:29:38

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

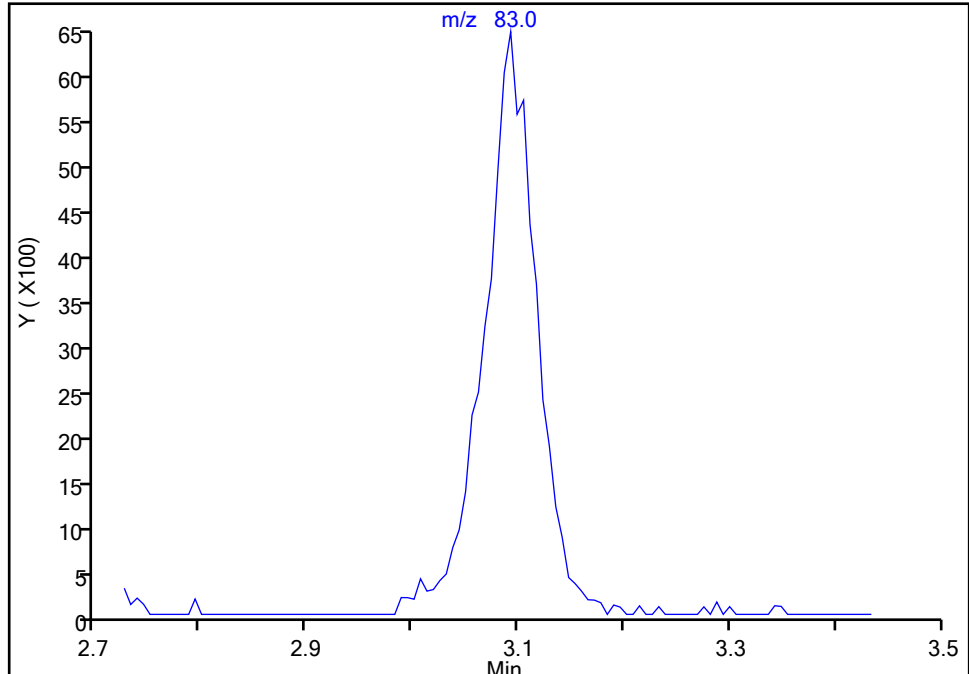
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D
Injection Date: 25-Feb-2022 11:36:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2
Signal: 1

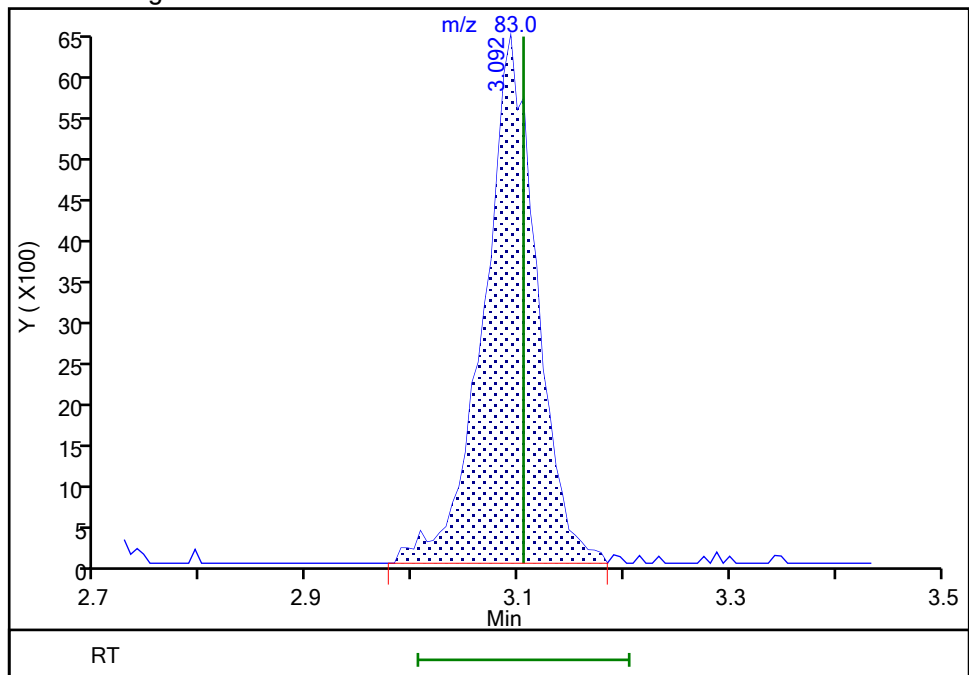
Not Detected
Expected RT: 3.10

Processing Integration Results



RT: 3.09
Area: 22263
Amount: 4.761827
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:29:42
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration
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03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D

Injection Date: 25-Feb-2022 11:36:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

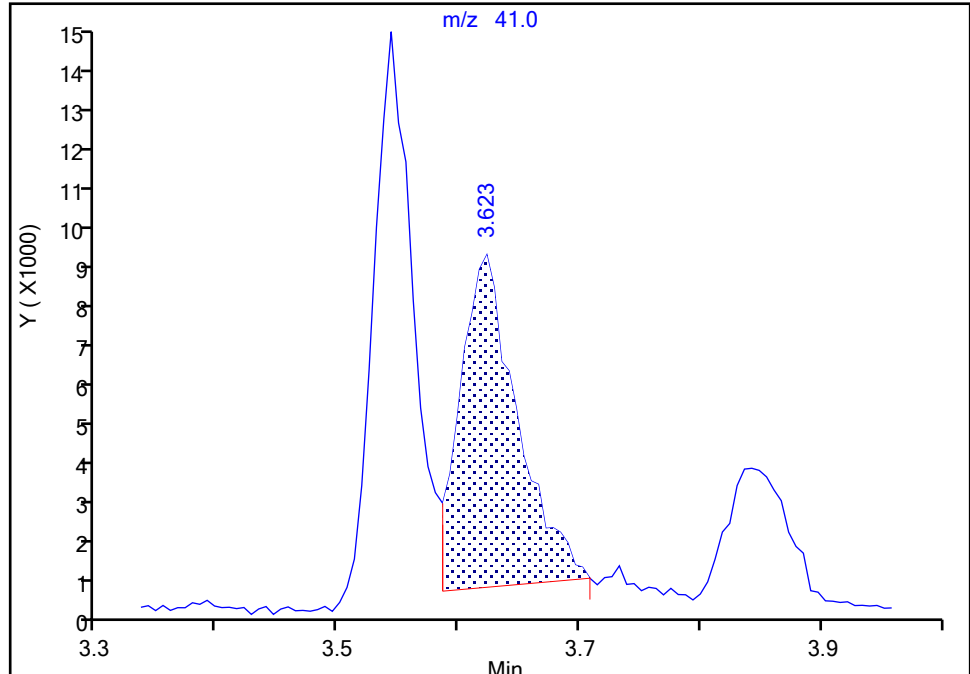
MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

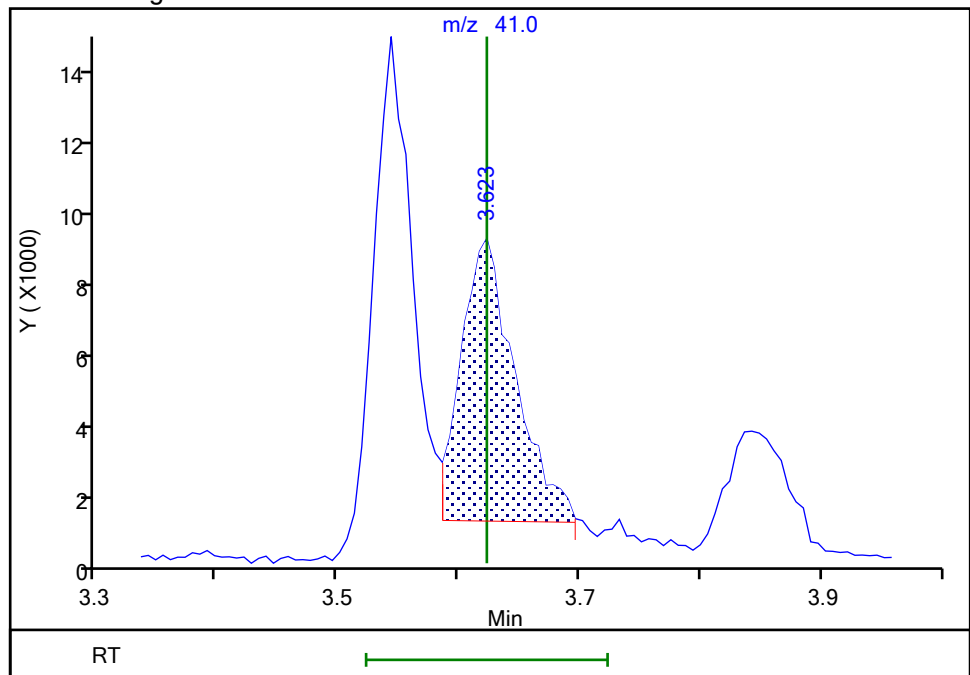
RT: 3.62
Area: 27109
Amount: 79.939440
Amount Units: ug/l

Processing Integration Results



RT: 3.62
Area: 24050
Amount: 70.916909
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 19:09:20

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15575.D

Injection Date: 25-Feb-2022 11:36:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

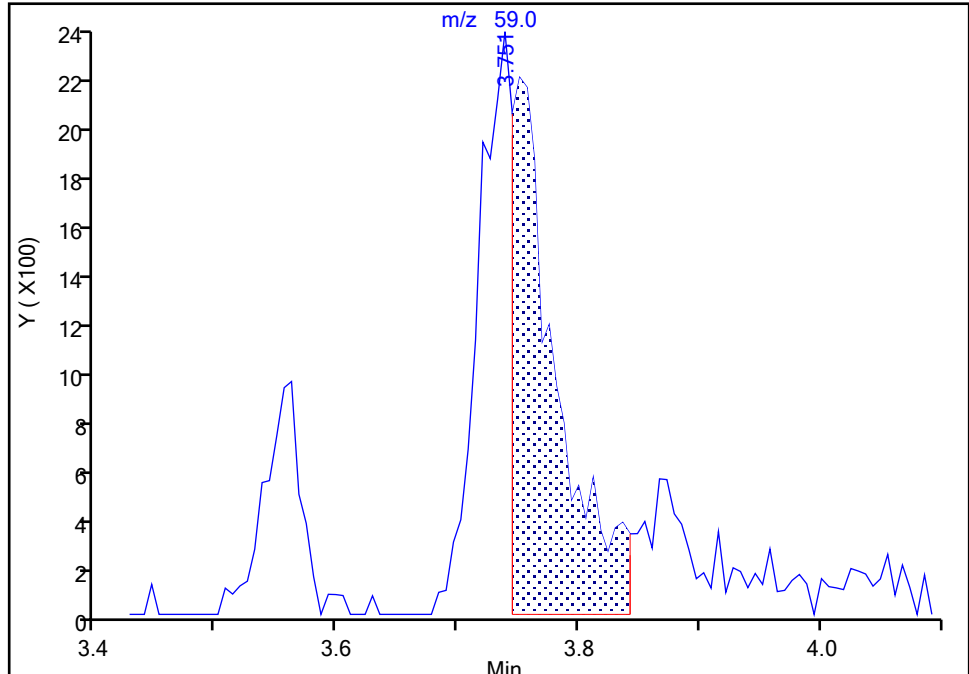
MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

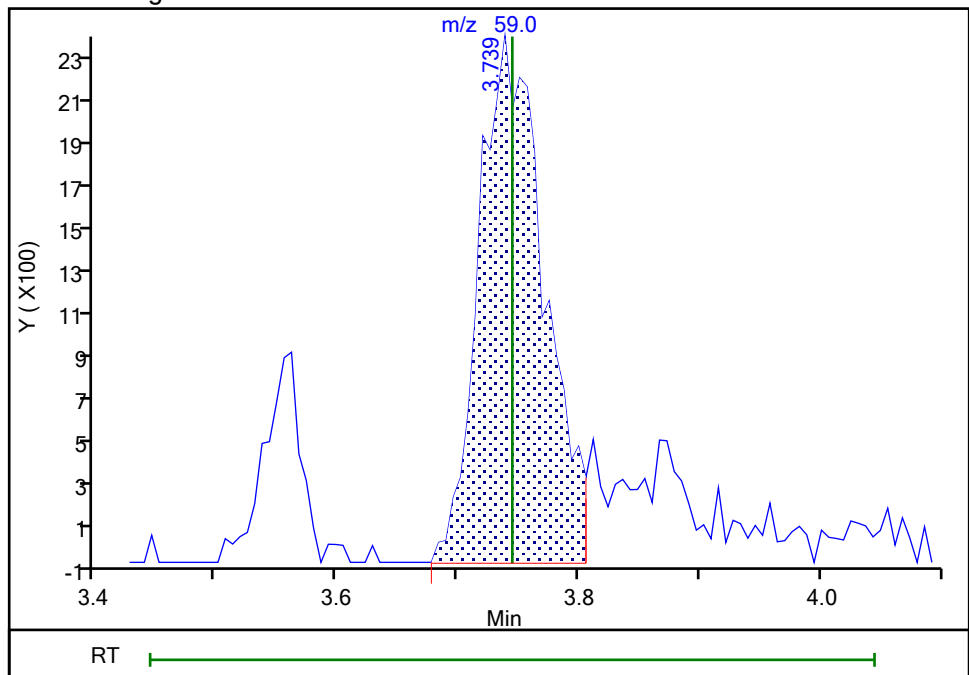
RT: 3.75
Area: 5719
Amount: 32.776514
Amount Units: ug/l

Processing Integration Results



RT: 3.74
Area: 8909
Amount: 46.524627
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:30:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15576.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 25-Feb-2022 11:59:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0141906-006
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 25-Feb-2022 20:02:03 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: desais

Date: 25-Feb-2022 13:15:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.654	1.654	0.000	89	28345	20.0	21.3	a
4 Dichlorodifluoromethane	85	1.702	1.702	0.000	79	105178	20.0	21.7	
165 Chlorodifluoromethane	51	1.721	1.721	0.000	78	104838	20.0	22.0	
6 Chloromethane	50	1.916	1.916	0.000	89	118695	20.0	19.3	
7 Vinyl chloride	62	2.026	2.026	0.000	83	112652	20.0	19.6	
172 Butadiene	39	2.038	2.038	0.000	98	122208	20.0	21.1	
9 Bromomethane	94	2.397	2.397	0.000	97	60807	20.0	21.2	
10 Chloroethane	64	2.477	2.477	0.000	96	64388	20.0	20.1	
12 Trichlorofluoromethane	101	2.708	2.708	0.000	50	97401	20.0	20.0	
174 Dichlorofluoromethane	67	2.708	2.708	0.000	90	141616	20.0	19.6	
13 Pentane	72	2.733	2.733	0.000	96	28634	40.0	47.2	
14 Ethanol	46	2.964	2.964	0.000	78	11525	800.0	684.7	
15 Ethyl ether	59	2.971	2.971	0.000	92	59267	20.0	18.8	
16 2-Methyl-1,3-butadiene	53	2.989	2.989	0.000	93	71181	20.0	20.5	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.038	3.038	0.000	93	56524	20.0	20.1	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.105	3.105	0.000	94	106117	20.0	20.7	a
19 Acrolein	56	3.160	3.160	0.000	58	18278	40.6	53.4	
20 1,1,2,2-Tetrafluoroethane	101	3.184	3.184	0.000	91	63934	20.0	20.4	
21 1,1-Dichloroethene	96	3.202	3.202	0.000	87	61688	20.0	19.1	
22 Acetone	58	3.306	3.306	0.000	79	36846	100.0	88.3	
23 Iodomethane	142	3.379	3.379	0.000	98	93747	20.0	18.9	
24 Isopropyl alcohol	45	3.403	3.403	0.000	1	30708	200.0	203.3	
25 Carbon disulfide	76	3.409	3.409	0.000	99	249941	20.0	19.1	
161 3-Chloro-1-propene	76	3.550	3.550	0.000	22	38737	20.0	18.3	
27 Methyl acetate	43	3.562	3.562	0.000	72	104285	40.0	38.5	
166 Cyclopentene	67	3.574	3.574	0.000	86	188895	20.0	20.1	
29 Acetonitrile	41	3.623	3.623	0.000	92	101560	200.0	279.7	
* 30 TBA-d9 (IS)	65	3.672	3.672	0.000	60	186979	1000.0	1000.0	
31 Methylene Chloride	84	3.690	3.690	0.000	93	76824	20.0	19.0	
32 2-Methyl-2-propanol	59	3.739	3.739	0.000	16	40310	200.0	195.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.855	3.855	0.000	95	192635	20.0	19.2	
34 trans-1,2-Dichloroethene	96	3.873	3.873	0.000	90	68880	20.0	19.5	
35 Acrylonitrile	53	3.946	3.946	0.000	93	305334	200.0	194.9	
36 Hexane	43	4.025	4.025	0.000	94	81521	20.0	20.5	
37 Isopropyl ether	45	4.226	4.226	0.000	95	252423	20.0	19.7	
38 1,1-Dichloroethane	63	4.257	4.257	0.000	79	132400	20.0	19.1	
39 Vinyl acetate	86	4.269	4.269	0.000	99	18836	40.0	41.7	
40 2-Chloro-1,3-butadiene	88	4.300	4.300	0.000	89	60543	20.0	19.8	
41 Tert-butyl ethyl ether	59	4.513	4.513	0.000	89	214524	20.0	19.4	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	88	352592	250.0	250.0	
43 2,2-Dichloropropane	97	4.708	4.708	0.000	82	20185	20.0	18.1	
44 cis-1,2-Dichloroethene	96	4.726	4.726	0.000	50	71440	20.0	19.2	
46 Ethyl acetate	70	4.726	4.726	0.000	89	12501	40.0	35.7	
45 2-Butanone (MEK)	72	4.732	4.732	0.000	96	40398	100.0	94.6	
47 Methyl acrylate	55	4.775	4.775	0.000	97	50369	20.0	18.1	
48 Propionitrile	54	4.848	4.848	0.000	37	110169	200.0	209.4	
49 Tetrahydrofuran	72	4.915	4.915	0.000	46	17688	40.0	36.8	
50 Chlorobromomethane	128	4.915	4.915	0.000	56	31243	20.0	18.9	
51 Methacrylonitrile	67	4.934	4.934	0.000	94	300043	200.0	199.6	
52 Chloroform	83	4.952	4.952	0.000	81	106707	20.0	19.1	
53 Cyclohexane	56	5.074	5.074	0.000	89	148790	20.0	20.2	
54 1,1,1-Trichloroethane	97	5.080	5.080	0.000	28	71616	20.0	18.1	
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.086	0.000	95	124900	50.0	49.1	
56 Carbon tetrachloride	117	5.177	5.177	0.000	87	42550	20.0	18.2	
57 1,1-Dichloropropene	75	5.202	5.202	0.000	94	93114	20.0	19.3	
58 Isobutyl alcohol	43	5.269	5.269	0.000	77	40271	500.0	439.1	
59 Isooctane	57	5.330	5.330	0.000	66	226614	20.0	20.6	
60 Benzene	78	5.360	5.360	0.000	89	277178	20.0	20.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	84	187890	50.0	49.1	
62 Isopropyl acetate	61	5.379	5.379	0.000	67	27192	20.0	18.9	
63 Tert-amyl methyl ether	87	5.391	5.391	0.000	88	56188	20.0	19.2	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	90	87490	20.0	18.7	
65 n-Heptane	71	5.464	5.464	0.000	93	69404	20.0	21.0	
* 66 Fluorobenzene	96	5.586	5.586	0.000	98	492757	50.0	50.0	
67 n-Butanol	56	5.787	5.787	0.000	86	25448	500.0	447.7	
68 Trichloroethene	95	5.872	5.872	0.000	92	61946	20.0	19.1	
69 Ethyl acrylate	99	5.952	5.952	0.000	6	3581	20.0	12.2	
70 Methylcyclohexane	83	5.988	5.988	0.000	92	129463	20.0	20.0	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	87	70963	20.0	17.8	
* 73 1,4-Dioxane-d8	96	6.159	6.159	0.000	92	29903	1000.0	1000.0	
72 Methyl methacrylate	69	6.159	6.159	0.000	89	65260	40.0	30.0	
74 n-Propyl acetate	43	6.196	6.196	0.000	99	77137	20.0	17.4	
75 1,4-Dioxane	88	6.202	6.202	0.000	29	14912	400.0	405.2	
76 Dibromomethane	93	6.238	6.238	0.000	94	35014	20.0	18.4	
77 Dichlorobromomethane	83	6.360	6.360	0.000	95	51166	20.0	17.6	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	95	40041	20.0	18.7	
79 2-Nitropropane	41	6.641	6.641	0.000	75	14135	40.0	30.9	
80 Epichlorohydrin	57	6.726	6.726	0.000	98	126669	400.0	379.6	
81 cis-1,3-Dichloropropene	75	6.769	6.769	0.000	90	89207	20.0	18.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.878	0.000	71	346435	100.0	102.2	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	98	570504	50.0	50.9	
84 Toluene	91	7.012	7.012	0.000	93	263776	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
85 Ethyl methacrylate	69	7.226	7.226	0.000	69	50897	20.0	13.1	
86 trans-1,3-Dichloropropene	75	7.232	7.232	0.000	91	74567	20.0	18.3	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	82	43416	20.0	19.3	
88 Tetrachloroethene	166	7.409	7.409	0.000	88	51535	20.0	19.7	
89 1,3-Dichloropropane	76	7.500	7.500	0.000	96	94949	20.0	19.5	
90 2-Hexanone	58	7.518	7.518	0.000	95	114695	100.0	98.1	
91 n-Butyl acetate	73	7.567	7.567	0.000	98	11283	20.0	18.7	
92 Chlorodibromomethane	129	7.640	7.640	0.000	95	25875	20.0	17.8	
93 Ethylene Dibromide	107	7.744	7.744	0.000	96	44826	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	88	337490	50.0	50.0	
95 Chlorobenzene	112	8.043	8.043	0.000	89	154518	20.0	19.7	
96 Ethylbenzene	106	8.079	8.079	0.000	98	90416	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.091	8.091	0.000	58	32599	20.0	18.2	
98 m-Xylene & p-Xylene	106	8.152	8.152	0.000	99	108519	20.0	19.8	
99 n-Butyl acrylate	73	8.354	8.354	0.000	88	23388	20.0	13.2	
100 o-Xylene	106	8.402	8.402	0.000	92	110442	20.0	19.9	
101 Styrene	104	8.415	8.415	0.000	91	168485	20.0	20.0	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	91	72386	20.0	13.9	
103 Bromoform	173	8.555	8.555	0.000	74	15268	20.0	19.4	
104 Isopropylbenzene	105	8.604	8.604	0.000	96	294592	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	85	143105	50.0	50.9	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	68	64067	20.0	17.9	
107 Bromobenzene	156	8.823	8.823	0.000	95	59287	20.0	18.8	
108 N-Propylbenzene	91	8.835	8.835	0.000	98	363868	20.0	20.5	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.847	0.000	56	17627	20.0	19.2	
110 1,2,3-Trichloropropane	110	8.854	8.854	0.000	58	20134	20.0	19.1	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	284661	20.0	20.2	
112 2-Chlorotoluene	91	8.914	8.914	0.000	91	267338	20.0	19.7	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	78	250683	20.0	19.9	
114 Butyl Methacrylate	87	8.957	8.957	0.000	95	35487	20.0	10.1	
115 4-Chlorotoluene	91	8.975	8.975	0.000	99	211884	20.0	19.7	
116 tert-Butylbenzene	119	9.110	9.110	0.000	72	198055	20.0	19.6	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	98	254419	20.0	20.4	
118 sec-Butylbenzene	134	9.238	9.238	0.000	99	60396	20.0	19.6	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	88	265212	20.0	20.4	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	80	125663	20.0	19.6	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	97	181091	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	71	126133	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	9.402	9.402	0.000	98	269534	20.0	20.1	
124 Benzyl chloride	91	9.481	9.481	0.000	98	95618	20.0	14.3	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	23	266801	20.0	20.0	
164 p-Diethylbenzene	119	9.536	9.536	0.000	66	153832	20.0	20.1	
127 n-Butylbenzene	92	9.555	9.555	0.000	98	155454	20.0	19.8	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	92	122740	20.0	19.1	
163 1,2,4,5-Tetramethylbenzene	119	10.055	10.055	0.000	0	243234	20.0	19.8	
130 1,2-Dibromo-3-Chloropropane	157	10.170	10.164	0.006	73	7962	20.0	13.3	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	95	94086	20.0	19.3	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	91	84051	20.0	18.8	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	92	32571	20.0	18.6	
134 Naphthalene	128	11.036	11.036	0.000	99	206101	20.0	18.6	
135 1,2,3-Trichlorobenzene	180	11.268	11.268	0.000	94	71172	20.0	18.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		40.0	39.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00137	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00150	Amount Added: 20.00	Units: uL	
GASES Li_00464	Amount Added: 20.00	Units: uL	
524freon_00049	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15576.D

Injection Date: 25-Feb-2022 11:59:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

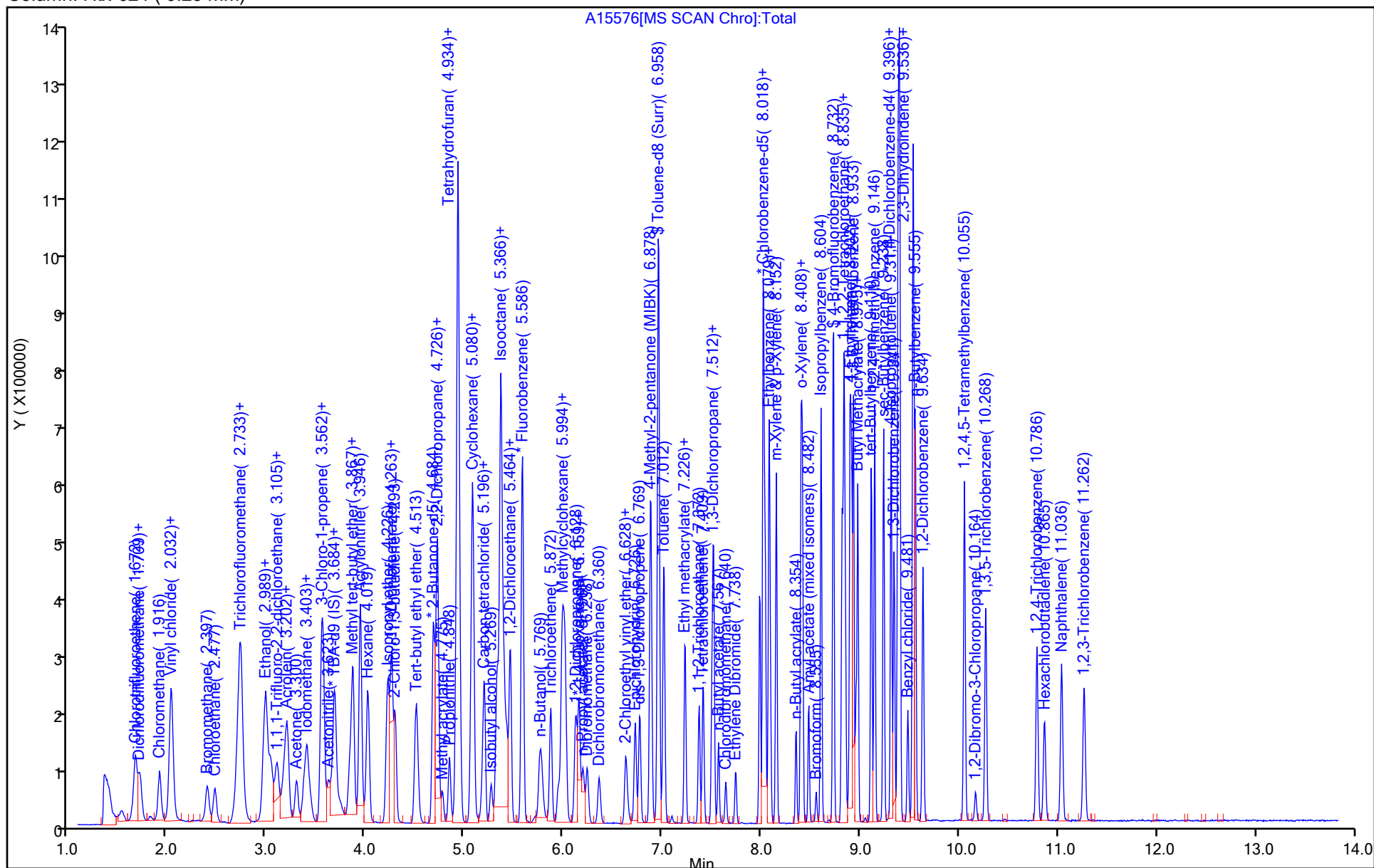
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15576.D

Injection Date: 25-Feb-2022 11:59:30

Instrument ID: CVOAMS1

Lims ID: STD20

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

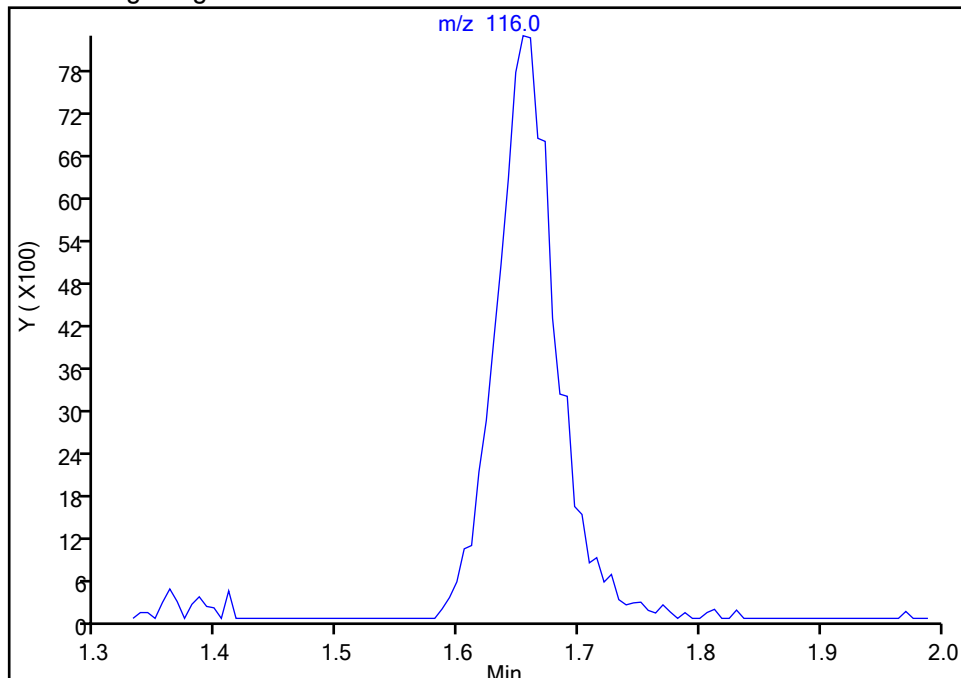
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

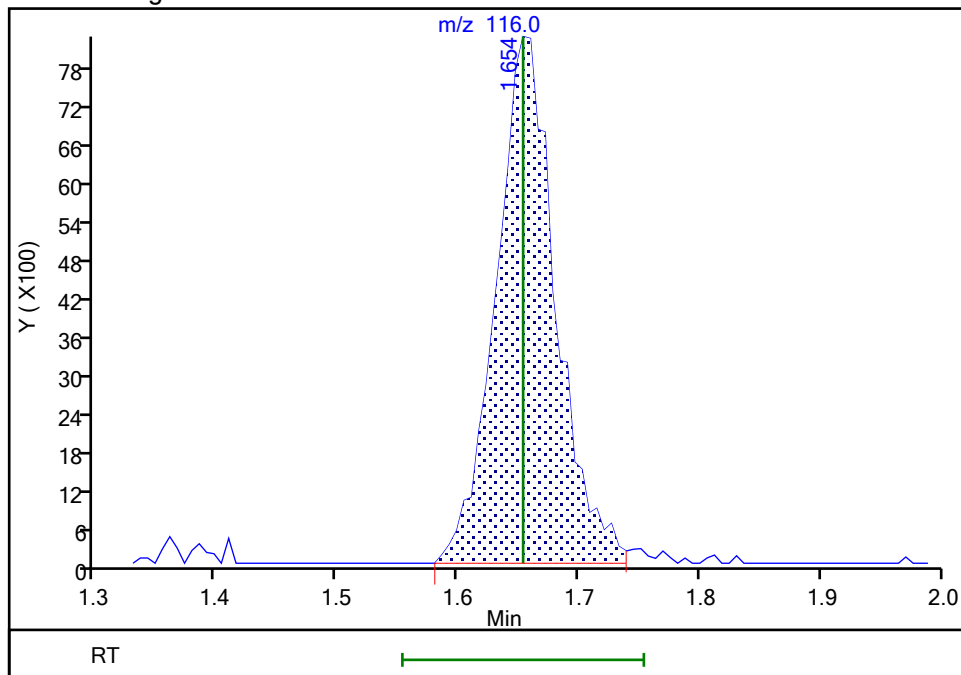
Not Detected

Expected RT: 1.65

Processing Integration Results



Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:15:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

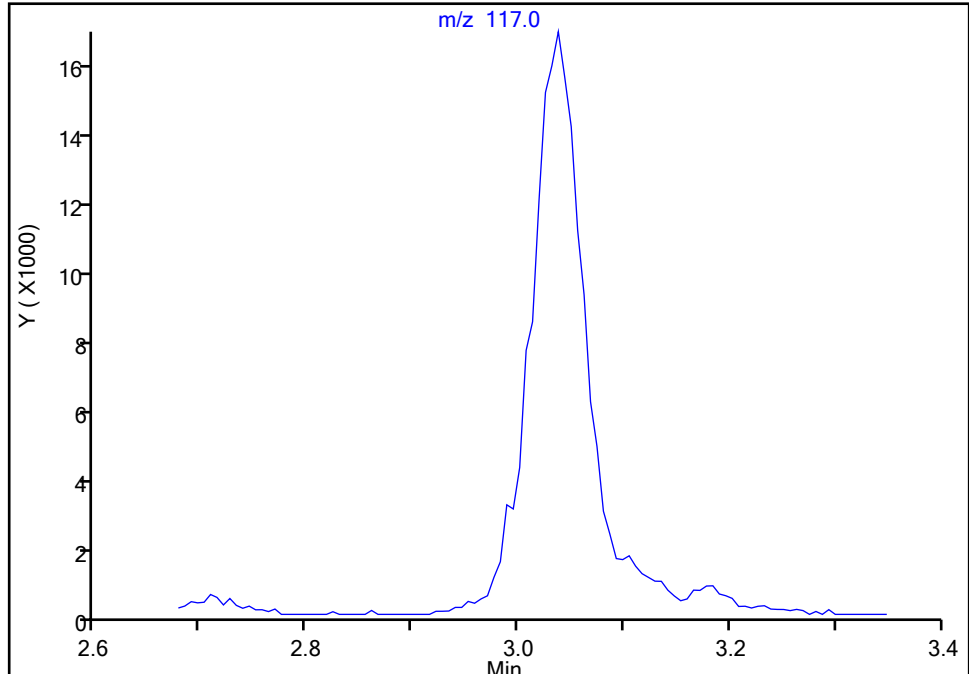
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15576.D
Injection Date: 25-Feb-2022 11:59:30 Instrument ID: CVOAMS1
Lims ID: STD20
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4
Signal: 1

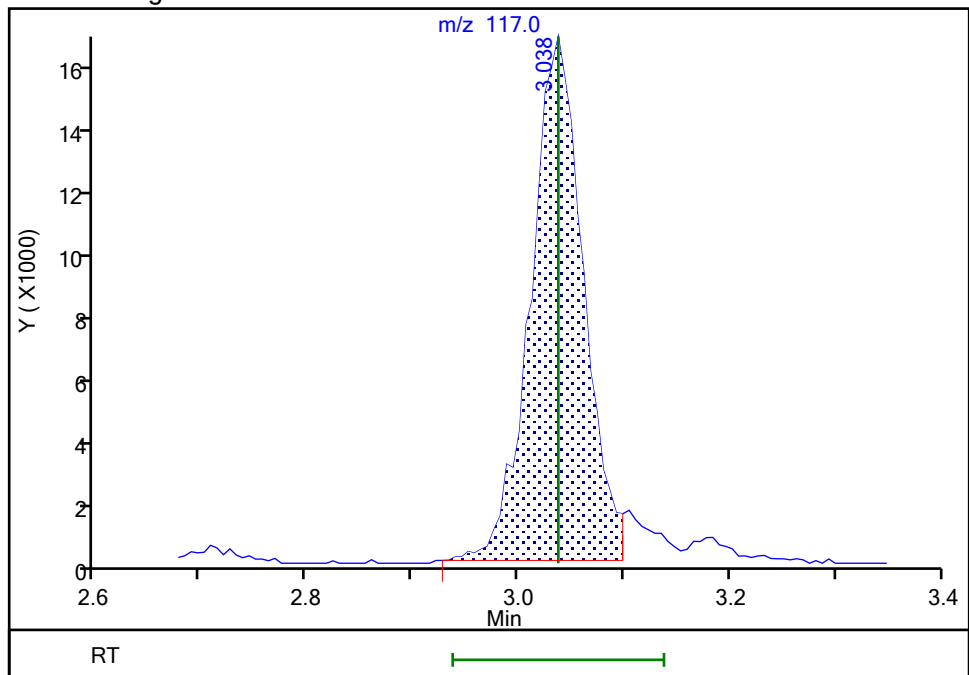
Not Detected
Expected RT: 3.04

Processing Integration Results



RT: 3.04
Area: 56524
Amount: 20.051069
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:14:48
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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03/21/2022

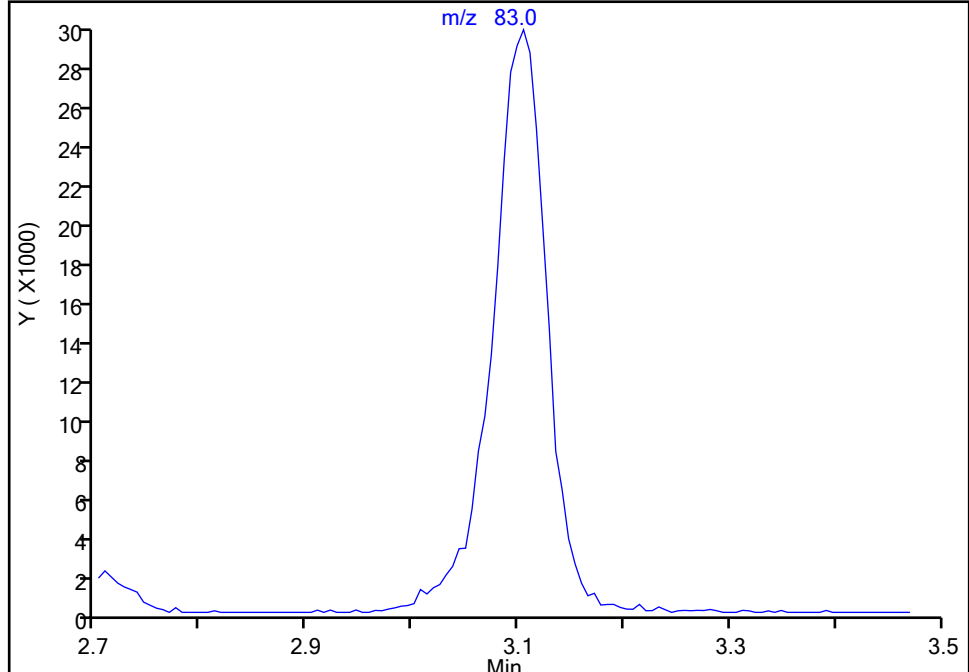
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15576.D
Injection Date: 25-Feb-2022 11:59:30 Instrument ID: CVOAMS1
Lims ID: STD20
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2
Signal: 1

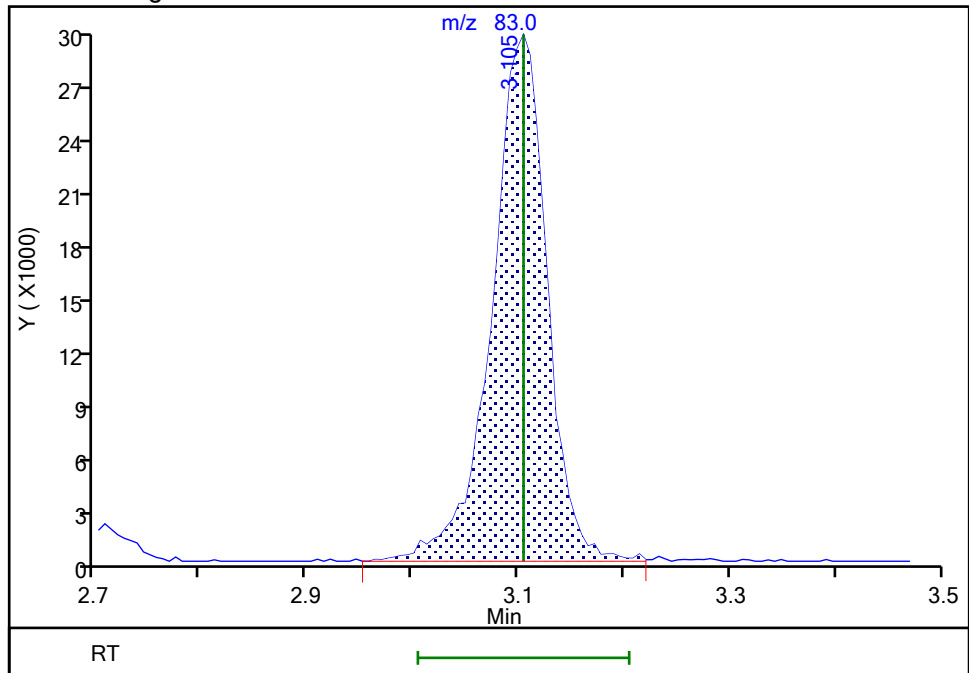
Not Detected
Expected RT: 3.10

Processing Integration Results



RT: 3.10
Area: 106117
Amount: 20.736020
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:14:44
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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03/21/2022

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15577.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 25-Feb-2022 12:22:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0141906-007
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 25-Feb-2022 20:02:08 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: desais

Date: 25-Feb-2022 13:14:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.654	1.654	0.000	90	72146	50.0	52.8	a
4 Dichlorodifluoromethane	85	1.690	1.690	0.000	87	265178	50.0	53.3	
165 Chlorodifluoromethane	51	1.721	1.721	0.000	78	224626	50.0	46.1	
6 Chloromethane	50	1.916	1.916	0.000	89	313784	50.0	49.8	
7 Vinyl chloride	62	2.026	2.026	0.000	83	296376	50.0	50.2	
172 Butadiene	39	2.038	2.038	0.000	97	300380	50.0	50.7	
9 Bromomethane	94	2.397	2.397	0.000	98	143149	50.0	48.7	
10 Chloroethane	64	2.477	2.477	0.000	97	161891	50.0	49.4	
12 Trichlorofluoromethane	101	2.708	2.708	0.000	49	260019	50.0	52.0	
174 Dichlorofluoromethane	67	2.708	2.708	0.000	90	362301	50.0	48.8	
13 Pentane	72	2.739	2.739	0.000	97	75812	100.0	104.0	
14 Ethanol	46	2.964	2.964	0.000	56	44711	2000.0	2211.8	
15 Ethyl ether	59	2.964	2.964	0.000	88	160982	50.0	49.7	
16 2-Methyl-1,3-butadiene	53	2.995	2.995	0.000	94	189550	50.0	53.3	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.044	3.044	0.000	92	155526	50.0	53.8	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.105	3.105	0.000	94	262331	50.0	50.0	a
19 Acrolein	56	3.166	3.166	0.000	57	45528	101.4	114.5	
20 1,1,2,2-TCTFE	101	3.178	3.178	0.000	93	171325	50.0	53.4	
21 1,1-Dichloroethene	96	3.208	3.208	0.000	87	168887	50.0	51.0	
22 Acetone	58	3.300	3.300	0.000	78	92296	250.0	217.9	
23 Iodomethane	142	3.379	3.379	0.000	97	252088	50.0	49.7	
24 Isopropyl alcohol	45	3.403	3.403	0.000	1	92102	500.0	507.8	
25 Carbon disulfide	76	3.409	3.409	0.000	99	667297	50.0	49.6	
161 3-Chloro-1-propene	76	3.550	3.550	0.000	22	108877	50.0	50.2	
27 Methyl acetate	43	3.562	3.562	0.000	75	280147	100.0	100.8	
166 Cyclopentene	67	3.568	3.568	0.000	83	505019	50.0	52.3	
29 Acetonitrile	41	3.623	3.623	0.000	97	312573	500.0	727.6	
* 30 TBA-d9 (IS)	65	3.684	3.684	0.000	75	224556	1000.0	1000.0	
31 Methylene Chloride	84	3.690	3.690	0.000	92	203227	50.0	49.1	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	8	124531	500.0	502.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.855	3.855	0.000	96	517894	50.0	50.2	
34 trans-1,2-Dichloroethene	96	3.873	3.873	0.000	81	182604	50.0	50.4	
35 Acrylonitrile	53	3.946	3.946	0.000	92	795673	500.0	495.2	
36 Hexane	43	4.019	4.019	0.000	95	209242	50.0	51.4	
37 Isopropyl ether	45	4.226	4.226	0.000	96	664194	50.0	50.5	
38 1,1-Dichloroethane	63	4.257	4.257	0.000	67	347271	50.0	48.9	
39 Vinyl acetate	86	4.269	4.269	0.000	99	58952	100.0	108.6	
40 2-Chloro-1,3-butadiene	88	4.300	4.300	0.000	89	164610	50.0	52.5	
41 Tert-butyl ethyl ether	59	4.513	4.513	0.000	89	570118	50.0	50.3	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	90	357844	250.0	250.0	
43 2,2-Dichloropropane	97	4.714	4.714	0.000	58	58676	50.0	51.4	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	62	192283	50.0	50.3	
46 Ethyl acetate	70	4.732	4.732	0.000	92	36978	100.0	104.1	
45 2-Butanone (MEK)	72	4.732	4.732	0.000	96	108996	250.0	251.4	
47 Methyl acrylate	55	4.775	4.775	0.000	93	147272	50.0	51.6	
48 Propionitrile	54	4.848	4.848	0.000	98	290046	500.0	459.1	
49 Tetrahydrofuran	72	4.909	4.909	0.000	57	50274	100.0	103.0	
50 Chlorobromomethane	128	4.915	4.915	0.000	64	85799	50.0	50.6	
51 Methacrylonitrile	67	4.934	4.934	0.000	93	811276	500.0	526.3	
52 Chloroform	83	4.952	4.952	0.000	75	287961	50.0	50.2	
53 Cyclohexane	56	5.074	5.074	0.000	92	396472	50.0	52.5	
54 1,1,1-Trichloroethane	97	5.086	5.086	0.000	46	210766	50.0	51.9	
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.086	0.000	70	135790	50.0	52.1	
56 Carbon tetrachloride	117	5.184	5.184	0.000	86	130751	50.0	54.7	
57 1,1-Dichloropropene	75	5.202	5.202	0.000	95	253088	50.0	51.2	
58 Isobutyl alcohol	43	5.269	5.269	0.000	80	124252	1250.0	1128.1	
59 Isooctane	57	5.330	5.330	0.000	68	586040	50.0	51.9	
60 Benzene	78	5.360	5.360	0.000	81	735599	50.0	50.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.373	5.373	0.000	94	190883	50.0	48.7	
62 Isopropyl acetate	61	5.379	5.379	0.000	96	74161	50.0	50.2	
63 Tert-amyl methyl ether	87	5.397	5.397	0.000	92	154542	50.0	51.6	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	83	230260	50.0	48.1	
65 n-Heptane	71	5.464	5.464	0.000	95	187270	50.0	55.3	
* 66 Fluorobenzene	96	5.586	5.586	0.000	98	505358	50.0	50.0	
67 n-Butanol	56	5.787	5.787	0.000	89	81873	1250.0	1199.3	
68 Trichloroethene	95	5.872	5.872	0.000	92	168738	50.0	50.6	
69 Ethyl acrylate	99	5.946	5.946	0.000	1	14301	50.0	46.9	
70 Methylcyclohexane	83	5.988	5.988	0.000	90	361437	50.0	54.6	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	83	193957	50.0	47.6	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	92	33219	1000.0	1000.0	
72 Methyl methacrylate	69	6.159	6.159	0.000	91	207704	100.0	92.5	
74 n-Propyl acetate	43	6.196	6.196	0.000	99	237813	50.0	52.2	
75 1,4-Dioxane	88	6.208	6.208	0.000	31	40362	1000.0	987.4	
76 Dibromomethane	93	6.238	6.238	0.000	95	99418	50.0	51.0	
77 Dichlorobromomethane	83	6.360	6.360	0.000	94	160910	50.0	54.1	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	94	112210	50.1	51.2	
79 2-Nitropropane	41	6.647	6.647	0.000	52	40746	100.0	86.8	a
80 Epichlorohydrin	57	6.726	6.726	0.000	83	362424	1000.0	1070.2	
81 cis-1,3-Dichloropropene	75	6.769	6.769	0.000	90	260794	50.0	52.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.884	6.884	0.000	84	931837	250.0	270.8	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	98	591722	50.0	50.3	
84 Toluene	91	7.012	7.012	0.000	93	718092	50.0	51.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.232	7.232	0.000	71	172664	50.0	42.9	
86 trans-1,3-Dichloropropene	75	7.232	7.232	0.000	91	226123	50.0	52.8	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	82	121349	50.0	51.3	
88 Tetrachloroethene	166	7.415	7.415	0.000	90	143550	50.0	52.2	
89 1,3-Dichloropropane	76	7.506	7.506	0.000	96	258361	50.0	50.4	
90 2-Hexanone	58	7.518	7.518	0.000	94	317908	250.0	267.9	
91 n-Butyl acetate	73	7.567	7.567	0.000	99	35798	50.0	54.4	
92 Chlorodibromomethane	129	7.640	7.640	0.000	96	84806	50.0	52.3	
93 Ethylene Dibromide	107	7.744	7.744	0.000	99	128058	50.0	52.5	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	84	354648	50.0	50.0	
95 Chlorobenzene	112	8.043	8.043	0.000	89	423045	50.0	51.4	
96 Ethylbenzene	106	8.079	8.079	0.000	99	245518	50.0	50.6	
97 1,1,1,2-Tetrachloroethane	131	8.092	8.092	0.000	64	104109	50.0	52.9	
98 m-Xylene & p-Xylene	106	8.152	8.152	0.000	98	300454	50.0	52.1	
99 n-Butyl acrylate	73	8.354	8.354	0.000	93	82468	50.0	43.5	
100 o-Xylene	106	8.402	8.402	0.000	91	306239	50.0	52.6	
101 Styrene	104	8.415	8.415	0.000	90	484813	50.0	54.9	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	91	237112	50.0	43.4	
103 Bromoform	173	8.555	8.555	0.000	75	47727	50.0	53.8	
104 Isopropylbenzene	105	8.604	8.604	0.000	96	815798	50.0	55.2	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	88	147482	50.0	49.9	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	70	193487	50.0	52.2	
107 Bromobenzene	156	8.823	8.823	0.000	96	166420	50.0	50.9	
108 N-Propylbenzene	91	8.835	8.835	0.000	98	975096	50.0	52.9	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.847	0.000	61	52613	50.0	55.4	
110 1,2,3-Trichloropropane	110	8.854	8.854	0.000	60	54860	50.0	50.1	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	789266	50.0	53.8	
112 2-Chlorotoluene	91	8.915	8.915	0.000	79	733181	50.0	51.9	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	77	696836	50.0	53.3	
114 Butyl Methacrylate	87	8.957	8.957	0.000	92	142221	50.0	38.3	
115 4-Chlorotoluene	91	8.975	8.975	0.000	98	569389	50.0	51.1	
116 tert-Butylbenzene	119	9.110	9.110	0.000	62	560898	50.0	53.5	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	98	698613	50.0	54.1	
118 sec-Butylbenzene	134	9.238	9.238	0.000	99	172698	50.0	54.0	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	84	736105	50.0	54.6	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	81	339917	50.0	51.2	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	96	187925	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	73	344127	50.0	50.7	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	98	755339	50.0	54.2	
124 Benzyl chloride	91	9.481	9.481	0.000	98	304567	50.0	43.7	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	27	738949	50.0	53.3	
164 p-Diethylbenzene	119	9.536	9.536	0.000	70	425691	50.0	53.5	
127 n-Butylbenzene	92	9.555	9.555	0.000	98	425605	50.0	52.2	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	93	336183	50.0	50.5	
163 1,2,4,5-Tetramethylbenzene	119	10.055	10.055	0.000	0	695537	50.0	54.5	
130 1,2-Dibromo-3-Chloropropane	157	10.164	10.164	0.000	84	25893	50.0	41.1	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	95	259454	50.0	51.4	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	90	233678	50.0	50.4	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	94	101155	50.0	55.5	
134 Naphthalene	128	11.036	11.036	0.000	99	592900	50.0	51.5	
135 1,2,3-Trichlorobenzene	180	11.268	11.268	0.000	93	202668	50.0	49.6	
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		100.0	104.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00137	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00150	Amount Added: 50.00	Units: uL	
GASES Li_00464	Amount Added: 50.00	Units: uL	
524freon_00049	Amount Added: 50.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15577.D

Injection Date: 25-Feb-2022 12:22:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

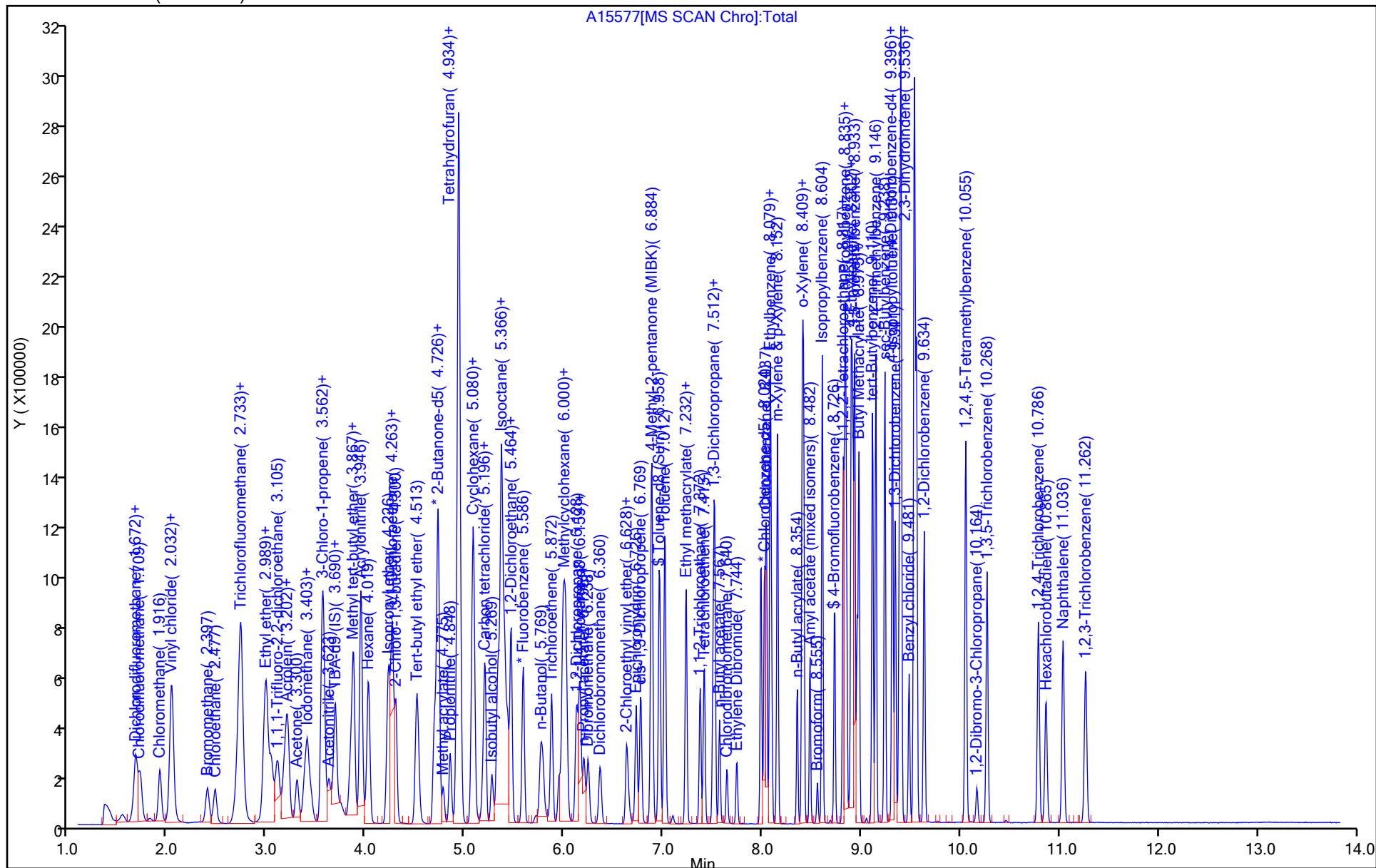
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15577.D

Injection Date: 25-Feb-2022 12:22:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

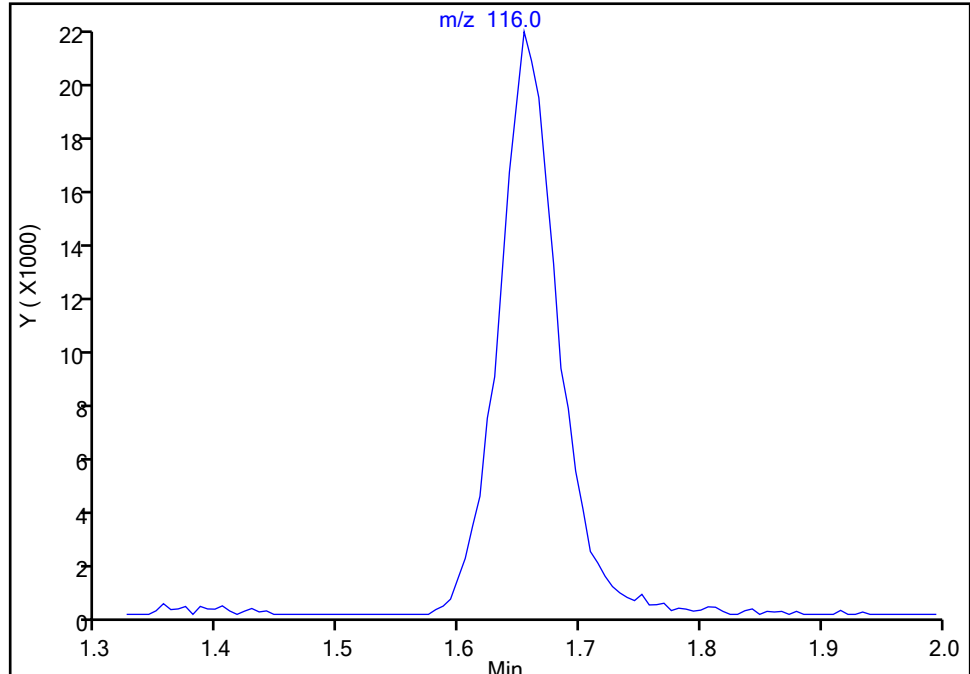
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

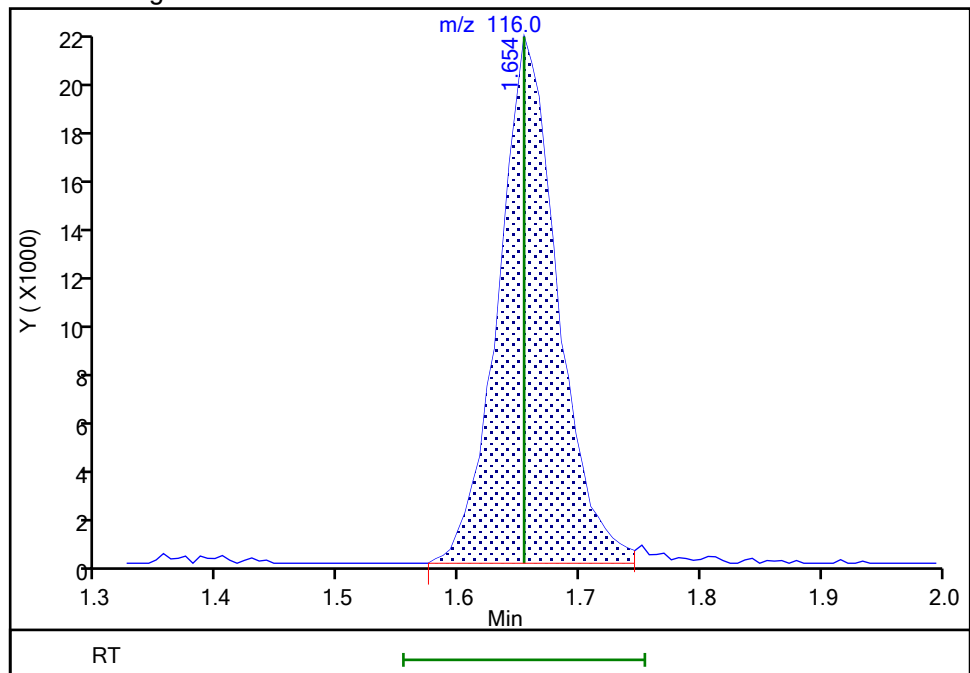
Not Detected

Expected RT: 1.65

Processing Integration Results



Manual Integration Results



RT: 1.65
Area: 72146
Amount: 52.840087
Amount Units: ug/l

Reviewer: desais, 25-Feb-2022 13:17:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

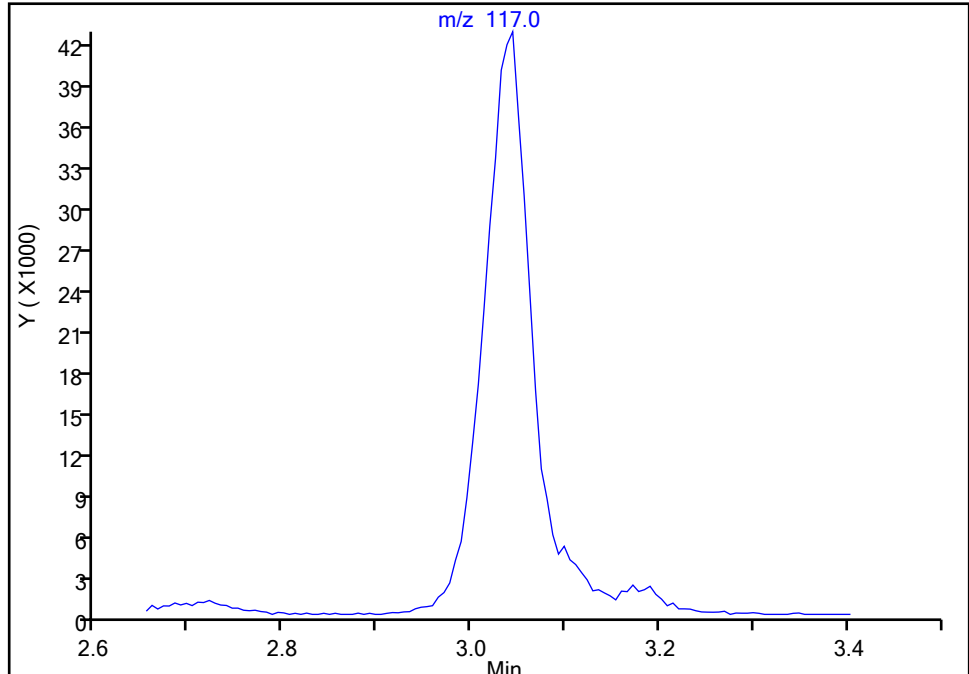
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15577.D
Injection Date: 25-Feb-2022 12:22:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4
Signal: 1

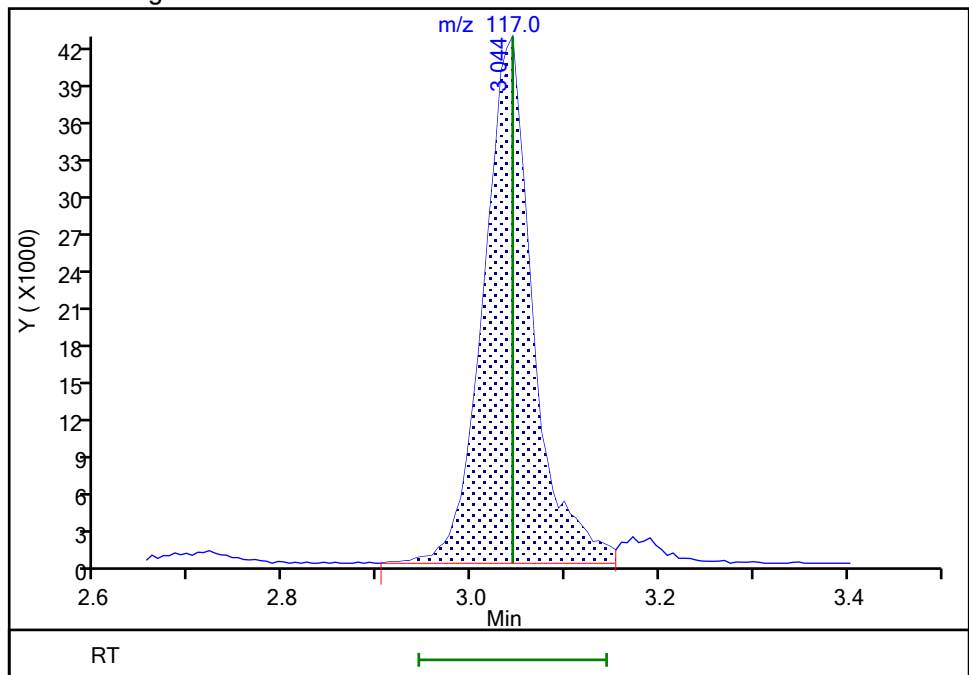
Not Detected
Expected RT: 3.04

Processing Integration Results



RT: 3.04
Area: 155526
Amount: 53.794925
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:17:16
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
Page 620 of 897

03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15577.D

Injection Date: 25-Feb-2022 12:22:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

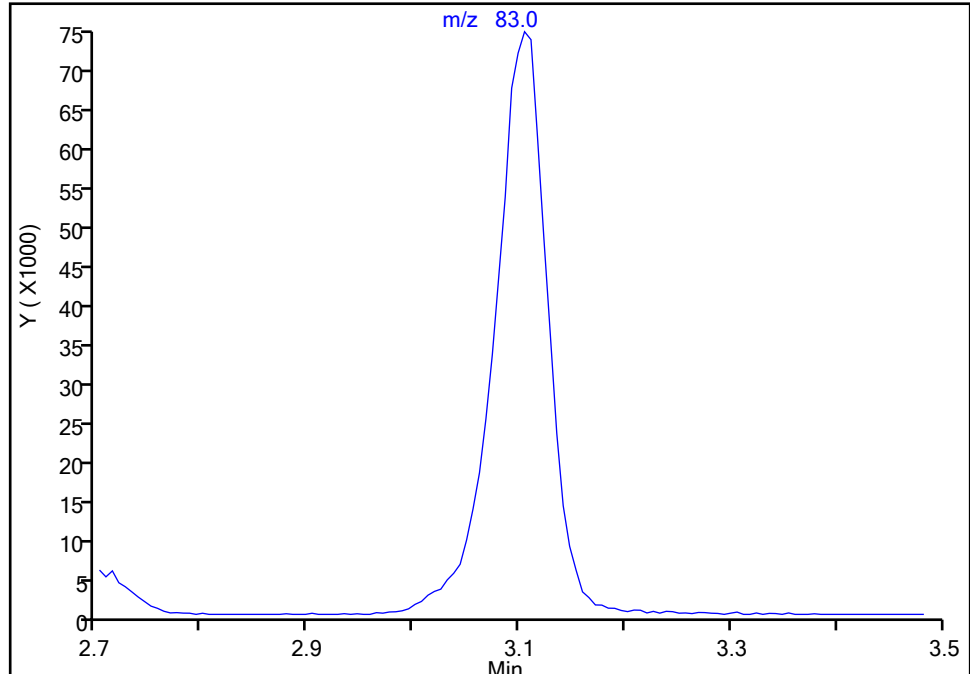
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

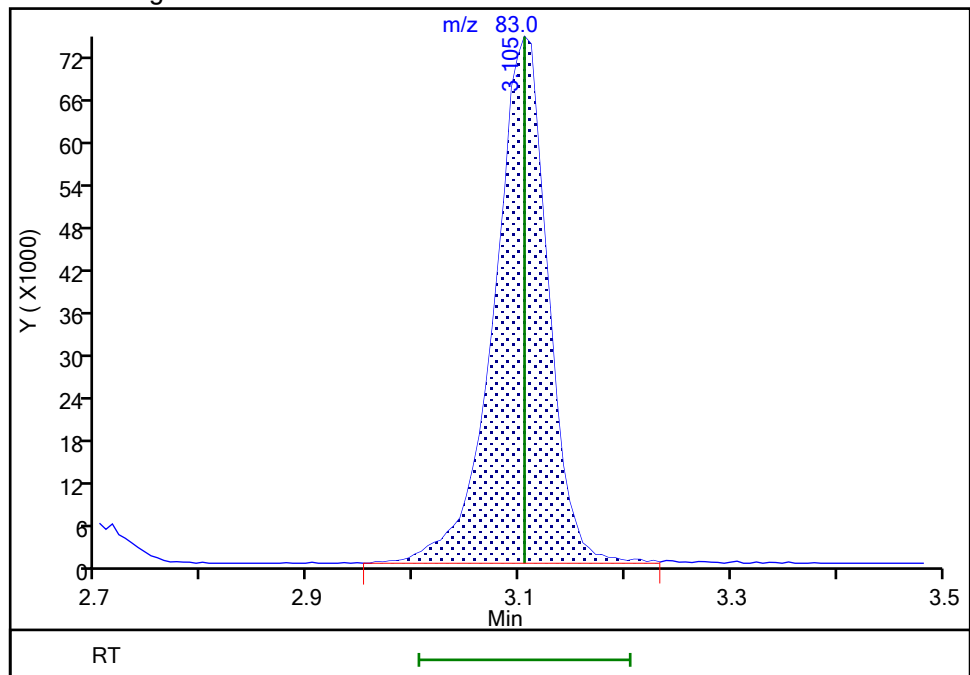
Expected RT: 3.10

Processing Integration Results



RT: 3.10
Area: 262331
Amount: 49.983161
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:17:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15577.D

Injection Date: 25-Feb-2022 12:22:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

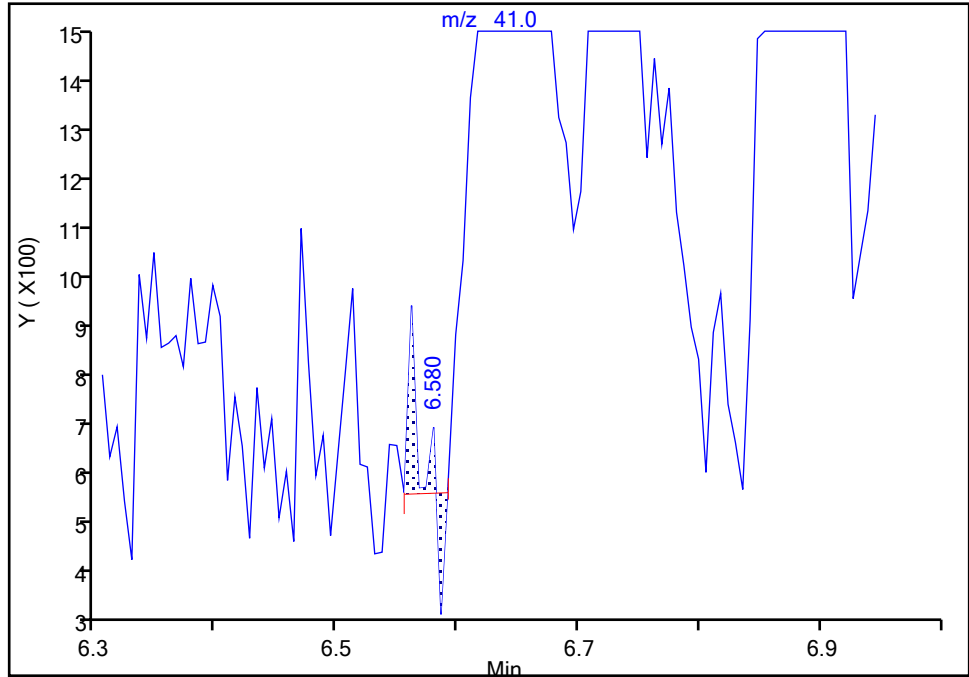
Detector: MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

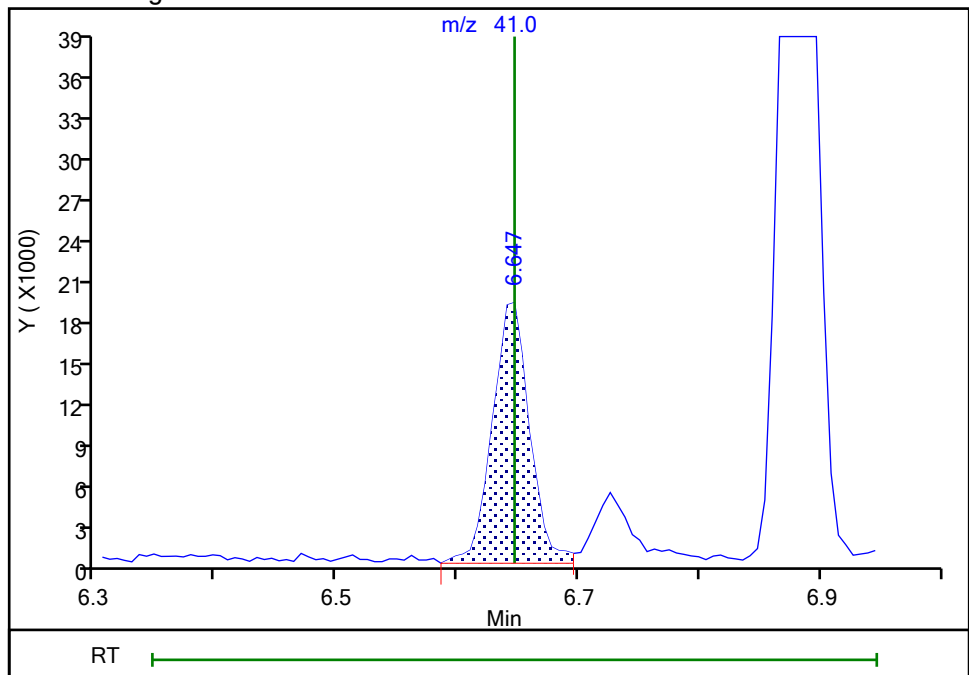
RT: 6.58
Area: 110
Amount: 0.297144
Amount Units: ug/l

Processing Integration Results



RT: 6.65
Area: 40746
Amount: 86.847676
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:17:40

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15578.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 25-Feb-2022 12:45:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0141906-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 25-Feb-2022 20:02:13 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: desais

Date: 25-Feb-2022 13:26:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.648	1.654	-0.006	85	238505	200.0	175.1	a
4 Dichlorodifluoromethane	85	1.684	1.690	-0.006	84	963437	200.0	193.9	
165 Chlorodifluoromethane	51	1.708	1.721	-0.013	78	918336	200.0	188.8	
6 Chloromethane	50	1.904	1.916	-0.012	88	1187132	200.0	188.9	
7 Vinyl chloride	62	2.013	2.026	-0.013	83	1133952	200.0	192.4	
172 Butadiene	39	2.025	2.038	-0.013	97	1133175	200.0	191.6	
9 Bromomethane	94	2.391	2.397	-0.006	99	578238	200.0	197.3	
10 Chloroethane	64	2.464	2.477	-0.013	97	635211	200.0	194.2	
12 Trichlorofluoromethane	101	2.708	2.708	0.000	45	1000324	200.0	200.7	
174 Dichlorofluoromethane	67	2.702	2.708	-0.006	90	1469167	200.0	198.5	
13 Pentane	72	2.733	2.739	-0.006	96	273161	400.0	310.2	
14 Ethanol	46	2.958	2.964	-0.006	75	180587	8000.0	7394.3	
15 Ethyl ether	59	2.952	2.964	-0.012	89	628630	200.0	194.4	
16 2-Methyl-1,3-butadiene	53	2.983	2.995	-0.012	97	721902	200.0	203.7	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.031	3.044	-0.013	90	577406	200.0	200.2	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.098	3.105	-0.007	93	1004741	200.0	191.9	a
19 Acrolein	56	3.159	3.166	-0.007	35	85363	202.8	184.8	
20 1,1,2,2-TCTFE	101	3.172	3.178	-0.006	93	644502	200.0	201.4	
21 1,1-Dichloroethene	96	3.202	3.208	-0.006	87	655964	200.0	198.5	
22 Acetone	58	3.294	3.300	-0.006	87	460903	1000.0	1074.3	
23 Iodomethane	142	3.373	3.379	-0.006	97	995909	200.0	196.7	
24 Isopropyl alcohol	45	3.397	3.403	-0.006	1	416121	2000.0	1899.0	
25 Carbon disulfide	76	3.403	3.409	-0.006	99	2603241	200.0	194.1	
161 3-Chloro-1-propene	76	3.543	3.550	-0.007	1	455621	200.0	210.6	
27 Methyl acetate	43	3.556	3.562	-0.006	77	1126925	400.0	406.4	
166 Cyclopentene	67	3.562	3.568	-0.006	88	1902843	200.0	197.6	
29 Acetonitrile	41	3.617	3.623	-0.006	97	942878	2000.0	1890.7	
* 30 TBA-d9 (IS)	65	3.684	3.684	0.000	83	271294	1000.0	1000.0	
31 Methylene Chloride	84	3.684	3.690	-0.006	91	787969	200.0	190.9	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	8	585406	2000.0	1954.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.848	3.855	-0.007	81	2042152	200.0	198.6	
34 trans-1,2-Dichloroethene	96	3.867	3.873	-0.006	84	714131	200.0	197.6	
35 Acrylonitrile	53	3.940	3.946	-0.006	94	3127293	2000.0	1950.9	
36 Hexane	43	4.013	4.019	-0.006	94	729503	200.0	179.5	
37 Isopropyl ether	45	4.220	4.226	-0.006	96	2546627	200.0	193.9	
38 1,1-Dichloroethane	63	4.251	4.257	-0.006	65	1359843	200.0	192.0	
39 Vinyl acetate	86	4.263	4.269	-0.006	100	263699	400.0	401.9	
40 2-Chloro-1,3-butadiene	88	4.293	4.300	-0.007	89	629305	200.0	201.1	
41 Tert-butyl ethyl ether	59	4.513	4.513	0.000	89	2185079	200.0	193.2	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	72	362435	250.0	250.0	
43 2,2-Dichloropropane	97	4.714	4.714	0.000	50	239648	200.0	210.5	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	53	758031	200.0	198.9	
46 Ethyl acetate	70	4.726	4.732	-0.006	92	152346	400.0	423.6	
45 2-Butanone (MEK)	72	4.726	4.732	-0.006	96	464810	1000.0	1058.6	
47 Methyl acrylate	55	4.775	4.775	0.000	97	598075	200.0	210.1	
48 Propionitrile	54	4.848	4.848	0.000	96	1129967	2000.0	1480.4	
49 Tetrahydrofuran	72	4.909	4.909	0.000	49	201453	400.0	407.3	
50 Chlorobromomethane	128	4.915	4.915	0.000	52	339931	200.0	201.1	
51 Methacrylonitrile	67	4.933	4.934	-0.001	92	3124258	2000.0	2031.7	
52 Chloroform	83	4.952	4.952	0.000	89	1146618	200.0	200.5	
53 Cyclohexane	56	5.074	5.074	0.000	92	1498039	200.0	198.7	
54 1,1,1-Trichloroethane	97	5.086	5.086	0.000	50	921453	200.0	227.4	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.086	-0.006	37	139898	50.0	53.8	
56 Carbon tetrachloride	117	5.177	5.184	-0.007	88	616727	200.0	258.4	
57 1,1-Dichloropropene	75	5.196	5.202	-0.006	96	988980	200.0	200.5	
58 Isobutyl alcohol	43	5.269	5.269	0.000	55	726846	5000.0	5462.0	
59 Isooctane	57	5.330	5.330	0.000	68	2051241	200.0	182.0	
60 Benzene	78	5.360	5.360	0.000	96	2858866	200.0	191.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.373	-0.007	88	195442	50.0	49.9	
62 Isopropyl acetate	61	5.378	5.379	-0.001	96	300766	200.0	200.0	
63 Tert-amyl methyl ether	87	5.397	5.397	0.000	92	614535	200.0	205.7	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	90	897304	200.0	187.7	
65 n-Heptane	71	5.458	5.464	-0.006	94	651104	200.0	192.6	
* 66 Fluorobenzene	96	5.586	5.586	0.000	98	504179	50.0	50.0	
67 n-Butanol	56	5.787	5.787	0.000	88	428381	5000.0	5194.0	
68 Trichloroethene	95	5.872	5.872	0.000	90	672581	200.0	202.2	
69 Ethyl acrylate	99	5.945	5.946	-0.001	35	64783	200.0	202.2	
70 Methylcyclohexane	83	5.988	5.988	0.000	95	1323340	200.0	200.3	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	84	760447	200.0	186.9	
* 73 1,4-Dioxane-d8	96	6.159	6.153	0.006	94	38926	1000.0	1000.0	
72 Methyl methacrylate	69	6.159	6.159	0.000	89	941920	400.0	404.2	
74 n-Propyl acetate	43	6.195	6.196	-0.001	98	1012458	200.0	222.6	
75 1,4-Dioxane	88	6.208	6.208	0.000	31	166063	4000.0	3466.7	
76 Dibromomethane	93	6.238	6.238	0.000	95	395444	200.0	203.1	
77 Dichlorobromomethane	83	6.360	6.360	0.000	96	761220	200.0	256.5	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	93	470336	200.5	215.1	
79 2-Nitropropane	41	6.647	6.647	0.000	95	169898	400.0	363.0	a
80 Epichlorohydrin	57	6.726	6.726	0.000	83	1494625	4000.0	4357.5	
81 cis-1,3-Dichloropropene	75	6.768	6.769	-0.001	89	1140952	200.0	222.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.884	-0.006	96	3623730	1000.0	1039.9	
\$ 83 Toluene-d8 (Surr)	98	6.957	6.958	-0.001	74	607979	50.0	50.1	
84 Toluene	91	7.012	7.012	0.000	94	2808376	200.0	194.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.226	7.232	-0.006	78	858285	200.0	203.5	
86 trans-1,3-Dichloropropene	75	7.232	7.232	0.000	91	1005044	200.0	227.6	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	83	496020	200.0	203.3	
88 Tetrachloroethene	166	7.415	7.415	0.000	90	570862	200.0	201.6	
89 1,3-Dichloropropane	76	7.500	7.506	-0.006	95	1048224	200.0	198.5	
90 2-Hexanone	58	7.518	7.518	0.000	93	1339546	1000.0	1114.4	
91 n-Butyl acetate	73	7.567	7.567	0.000	99	166993	200.0	218.2	
92 Chlorodibromomethane	129	7.640	7.640	0.000	97	451000	200.0	217.9	
93 Ethylene Dibromide	107	7.744	7.744	0.000	98	551595	200.0	219.3	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	77	365440	50.0	50.0	
95 Chlorobenzene	112	8.043	8.043	0.000	90	1694656	200.0	199.9	
96 Ethylbenzene	106	8.079	8.079	0.000	98	994825	200.0	198.8	
97 1,1,1,2-Tetrachloroethane	131	8.091	8.092	-0.001	79	533549	200.0	223.6	
98 m-Xylene & p-Xylene	106	8.152	8.152	0.000	97	1209506	200.0	203.5	
99 n-Butyl acrylate	73	8.354	8.354	0.000	96	426815	200.0	203.1	
100 o-Xylene	106	8.402	8.402	0.000	93	1239354	200.0	206.4	
101 Styrene	104	8.414	8.415	-0.001	89	1958029	200.0	215.0	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	91	1140441	200.0	203.3	
103 Bromoform	173	8.555	8.555	0.000	75	263646	200.0	219.7	
104 Isopropylbenzene	105	8.603	8.604	-0.001	97	3086893	200.0	202.8	
\$ 105 4-Bromofluorobenzene	174	8.731	8.732	-0.001	87	151829	50.0	49.9	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	87	821379	200.0	224.6	
107 Bromobenzene	156	8.823	8.823	0.000	77	659645	200.0	204.3	
108 N-Propylbenzene	91	8.835	8.835	0.000	98	3623795	200.0	199.0	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.847	0.000	64	240075	200.0	255.8	
110 1,2,3-Trichloropropane	110	8.853	8.854	-0.001	93	219518	200.0	203.1	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	2944164	200.0	203.5	
112 2-Chlorotoluene	91	8.914	8.915	0.000	78	2851053	200.0	204.6	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	71	2691101	200.0	208.5	
114 Butyl Methacrylate	87	8.957	8.957	0.000	91	826961	200.0	205.1	
115 4-Chlorotoluene	91	8.975	8.975	0.000	98	2200311	200.0	200.0	
116 tert-Butylbenzene	119	9.109	9.110	-0.001	66	2200053	200.0	212.6	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	98	2690687	200.0	210.9	
118 sec-Butylbenzene	134	9.237	9.238	-0.001	98	675050	200.0	213.6	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	83	2781978	200.0	209.2	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	93	1320878	200.0	201.4	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	91	185545	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	73	1325768	200.0	198.0	
123 1,2,3-Trimethylbenzene	105	9.402	9.396	0.006	98	2867497	200.0	208.3	
124 Benzyl chloride	91	9.481	9.481	0.000	98	1455397	200.0	203.1	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	28	2780465	200.0	203.1	
164 p-Diethylbenzene	119	9.536	9.536	0.000	68	1594668	200.0	202.9	
127 n-Butylbenzene	92	9.555	9.555	-0.001	99	1598248	200.0	198.7	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	93	1319948	200.0	200.9	
163 1,2,4,5-Tetramethylbenzene	119	10.054	10.055	-0.001	0	2683581	200.0	213.1	
130 1,2-Dibromo-3-Chloropropane	157	10.164	10.164	0.000	91	138839	200.0	203.8	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	92	985352	200.0	197.7	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	91	919397	200.0	201.0	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	94	391465	200.0	217.6	
134 Naphthalene	128	11.036	11.036	0.000	99	2425768	200.0	213.5	
135 1,2,3-Trichlorobenzene	180	11.261	11.268	-0.007	92	805047	200.0	199.7	
S 136 1,2-Dichloroethene, Total	100				0		400.0	396.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		400.0	410.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00137	Amount Added: 20.00	Units: uL	
GAS Hi_00408	Amount Added: 20.00	Units: uL	
Ethanol mix_00061	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00120	Amount Added: 20.00	Units: uL	
MIX I Hi_00147	Amount Added: 20.00	Units: uL	
8FreonHi_00041	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15578.D

Injection Date: 25-Feb-2022 12:45:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

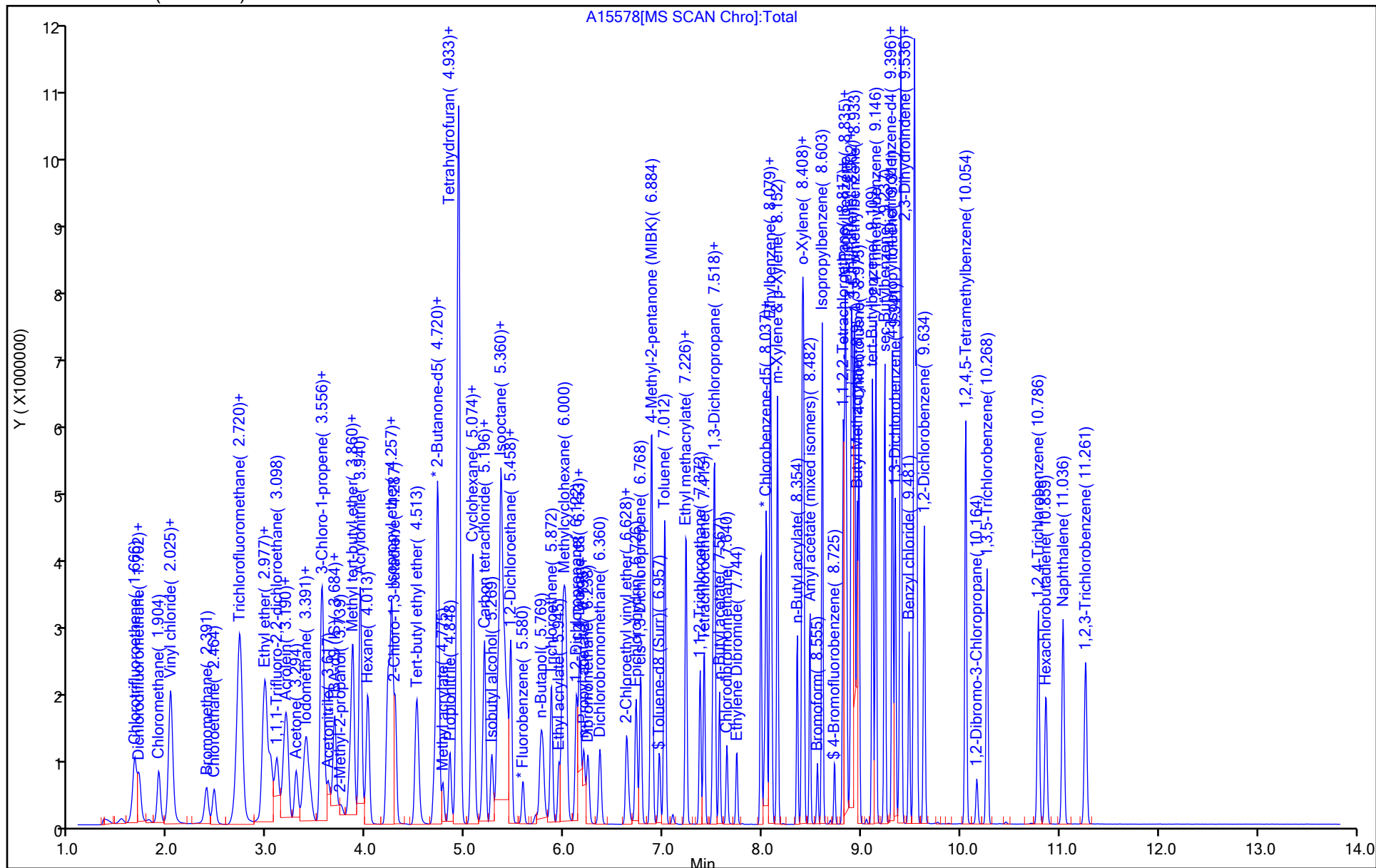
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15578.D

Injection Date: 25-Feb-2022 12:45:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

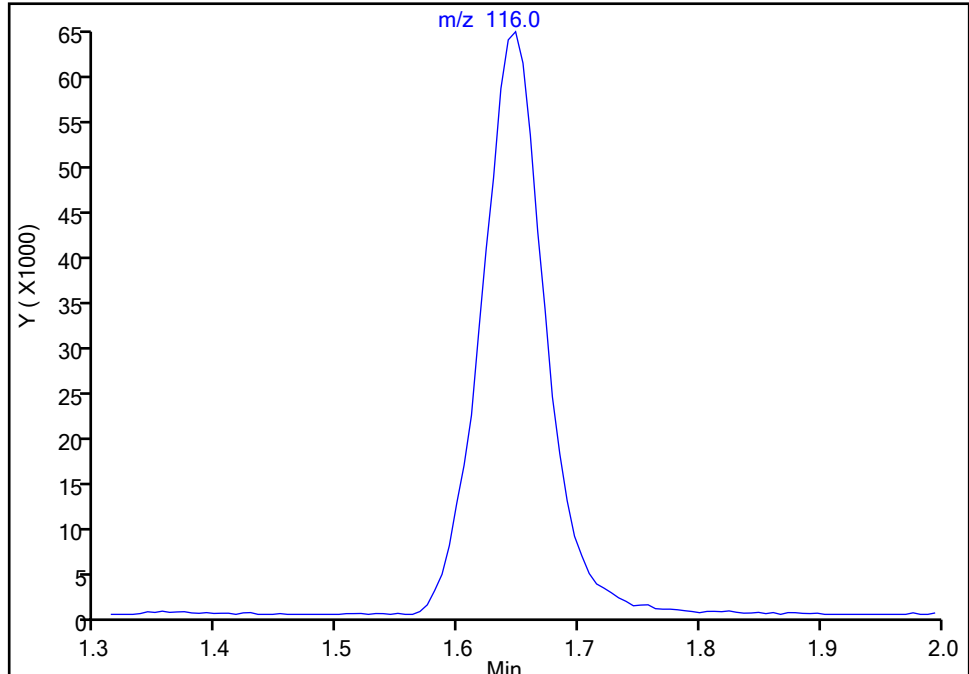
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

Not Detected

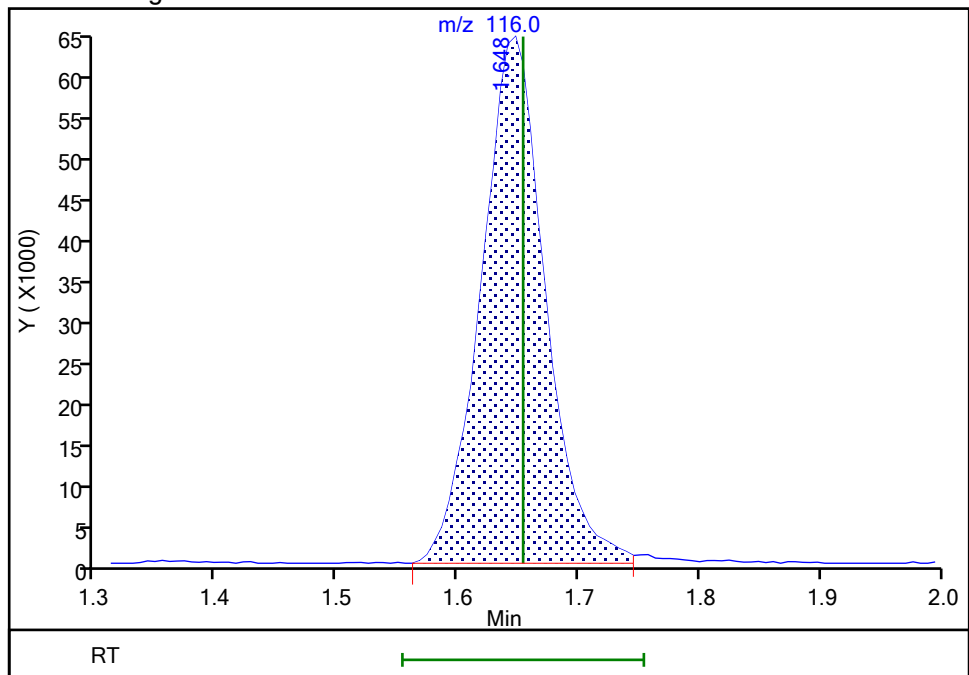
Expected RT: 1.65

Processing Integration Results



RT: 1.65
Area: 238505
Amount: 175.0907
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:25:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15578.D

Injection Date: 25-Feb-2022 12:45:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

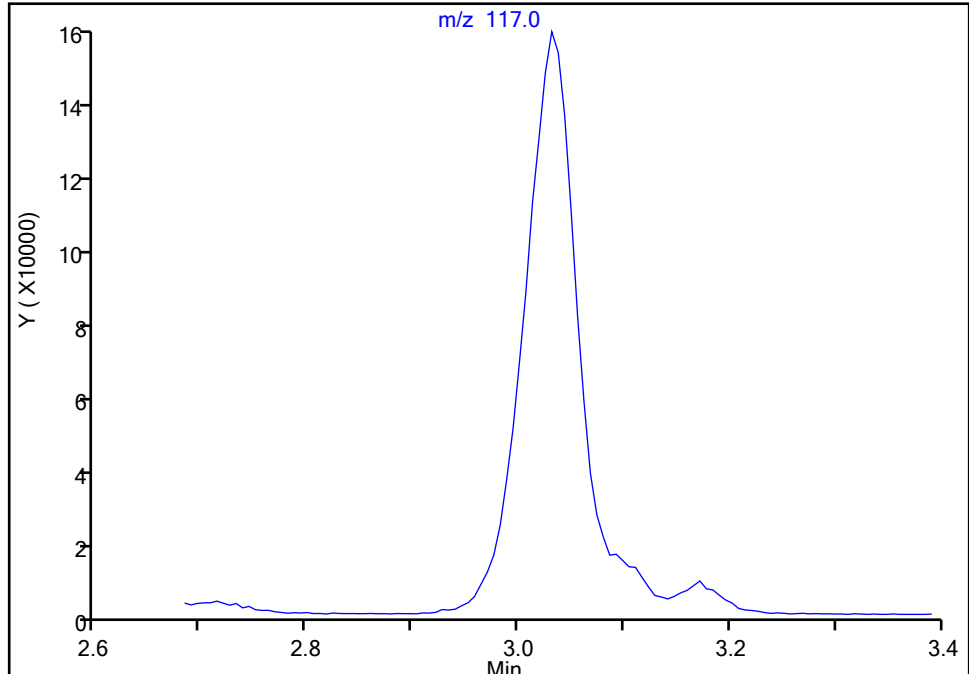
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

Not Detected

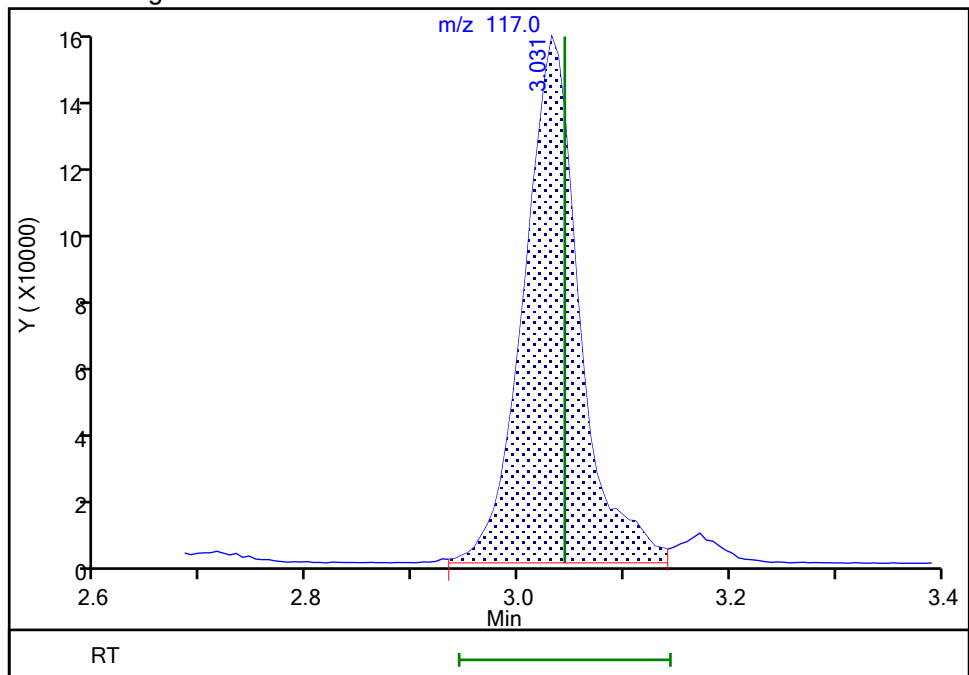
Expected RT: 3.04

Processing Integration Results



RT: 3.03
Area: 577406
Amount: 200.1861
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:25:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

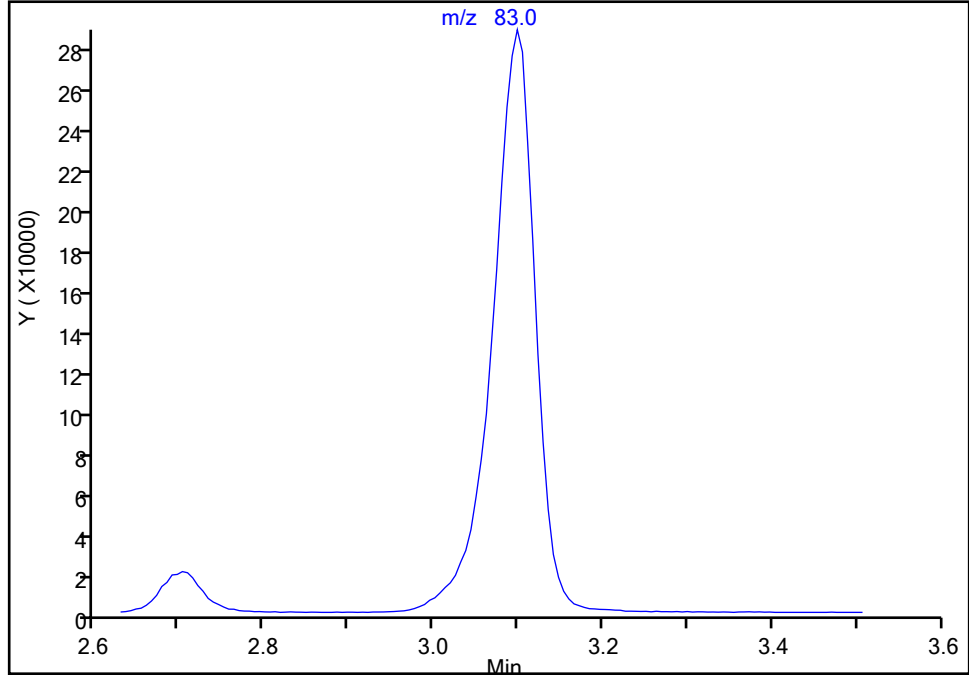
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15578.D
Injection Date: 25-Feb-2022 12:45:30 Instrument ID: CVOAMS1
Lims ID: STD200
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2
Signal: 1

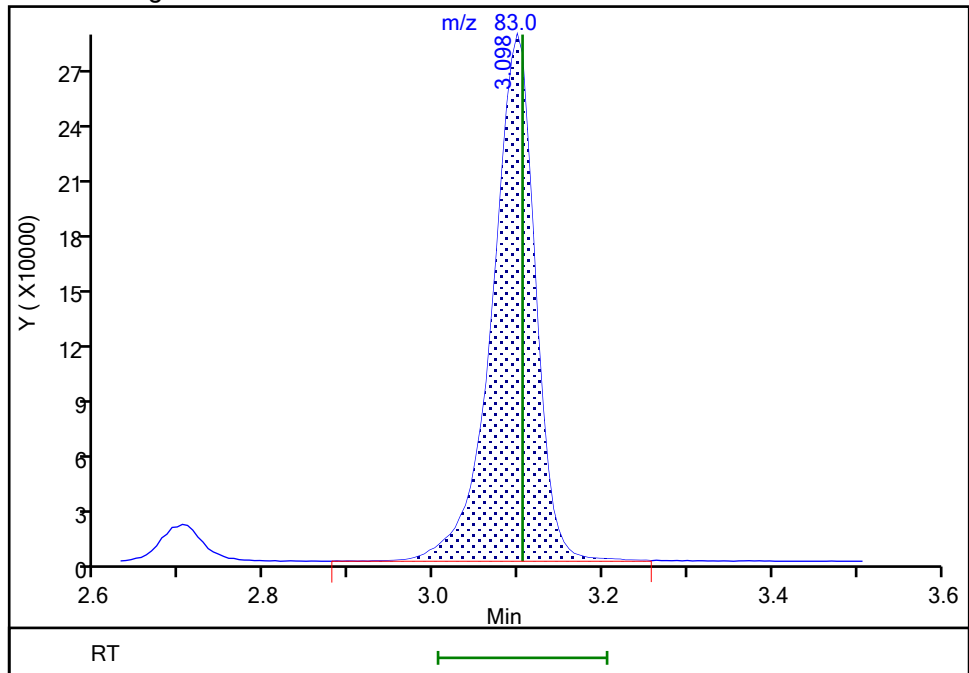
Not Detected
Expected RT: 3.10

Processing Integration Results



RT: 3.10
Area: 1004741
Amount: 191.8857
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:25:26
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
Page 630 of 897

03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15578.D

Injection Date: 25-Feb-2022 12:45:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

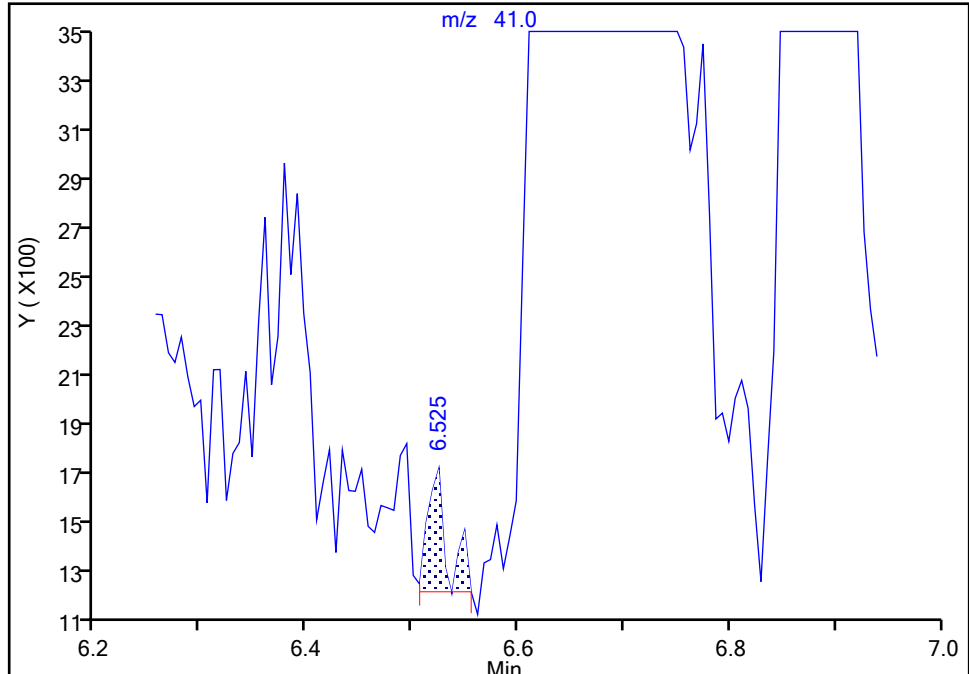
Detector: MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

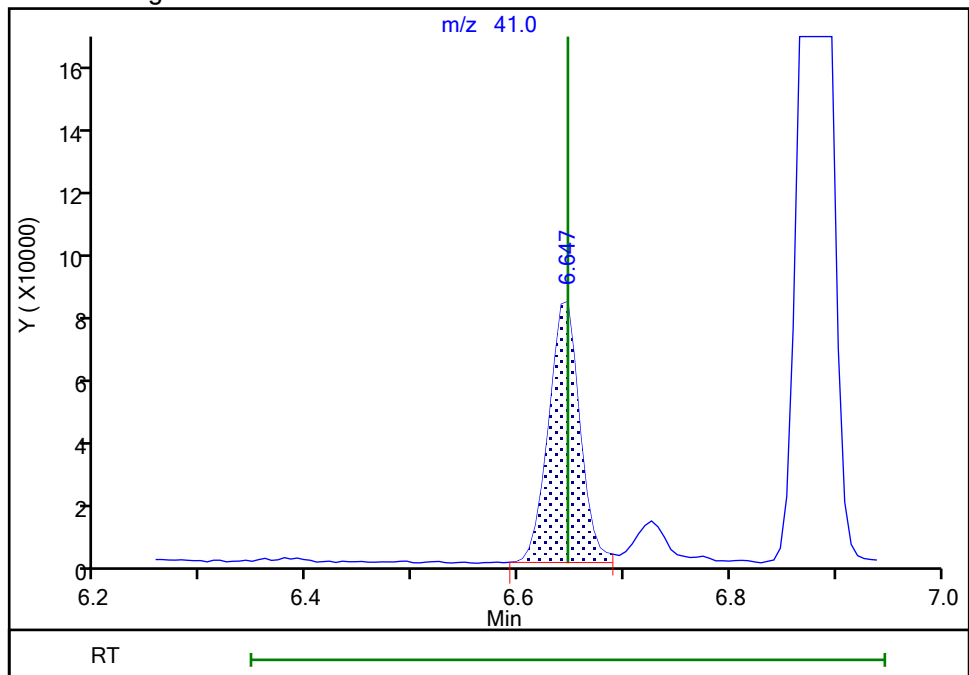
RT: 6.52
Area: 612
Amount: 1.623989
Amount Units: ug/l

Processing Integration Results



RT: 6.65
Area: 169898
Amount: 362.9743
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:25:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 25-Feb-2022 13:09:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0141906-009
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 25-Feb-2022 20:02:19 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: desais

Date: 25-Feb-2022 13:28:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.641	1.654	-0.013	90	660551	500.0	476.7	a
4 Dichlorodifluoromethane	85	1.678	1.690	-0.012	69	2635703	500.0	521.5	
165 Chlorodifluoromethane	51	1.702	1.721	-0.019	78	2462788	500.0	497.6	
6 Chloromethane	50	1.897	1.916	-0.019	88	3055761	500.0	478.0	
7 Vinyl chloride	62	2.007	2.026	-0.019	83	2919218	500.0	486.8	
172 Butadiene	39	2.025	2.038	-0.013	97	2990896	500.0	497.0	
9 Bromomethane	94	2.379	2.397	-0.018	98	1135942	500.0	381.1	
10 Chloroethane	64	2.458	2.477	-0.019	87	1510475	500.0	454.0	
12 Trichlorofluoromethane	101	2.714	2.708	0.006	42	2656587	500.0	523.8	
174 Dichlorofluoromethane	67	2.702	2.708	-0.006	89	3748519	500.0	497.8	
13 Pentane	72	2.733	2.739	-0.006	96	797935	1000.0	821.7	
14 Ethanol	46	2.952	2.964	-0.012	57	513775	20000	19076	
15 Ethyl ether	59	2.952	2.964	-0.012	88	1666264	500.0	506.5	
16 2-Methyl-1,3-butadiene	53	2.976	2.995	-0.019	92	1933635	500.0	536.2	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.031	3.044	-0.013	90	1541991	500.0	525.5	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.098	3.105	-0.007	97	2668730	500.0	501.0	a
19 Acrolein	56	3.159	3.166	-0.007	2	182147	405.6	410.3	
20 1,1,2,2-TCTFE	101	3.172	3.178	-0.006	93	1786370	500.0	548.7	
21 1,1-Dichloroethene	96	3.202	3.208	-0.006	87	1739048	500.0	517.4	
22 Acetone	58	3.294	3.300	-0.006	60	1023459	2500.0	2251.1	
23 Iodomethane	142	3.373	3.379	-0.006	97	2536123	500.0	492.5	
24 Isopropyl alcohol	45	3.391	3.403	-0.012	99	1283552	5000.0	5311.6	a
25 Carbon disulfide	76	3.422	3.409	0.013	99	6696581	500.0	490.9	
161 3-Chloro-1-propene	76	3.543	3.550	-0.007	2	1240012	500.0	563.4	
27 Methyl acetate	43	3.550	3.562	-0.012	86	3008464	1000.0	1066.6	
166 Cyclopentene	67	3.562	3.568	-0.006	88	4949864	500.0	505.4	
29 Acetonitrile	41	3.617	3.623	-0.006	98	2458447	5000.0	5019.3	
* 30 TBA-d9 (IS)	65	3.678	3.684	-0.006	76	299183	1000.0	1000.0	
31 Methylene Chloride	84	3.684	3.690	-0.006	86	2044037	500.0	486.8	
32 2-Methyl-2-propanol	59	3.751	3.745	0.006	8	1813248	5000.0	5489.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.848	3.855	-0.007	98	5411945	500.0	517.3	
34 trans-1,2-Dichloroethene	96	3.867	3.873	-0.006	88	1852934	500.0	503.9	
35 Acrylonitrile	53	3.940	3.946	-0.006	93	7723533	5000.0	4736.2	
36 Hexane	43	4.013	4.019	-0.006	94	2047946	500.0	495.2	
37 Isopropyl ether	45	4.220	4.226	-0.006	95	6504066	500.0	486.9	
38 1,1-Dichloroethane	63	4.251	4.257	-0.006	62	3504030	500.0	486.4	
39 Vinyl acetate	86	4.257	4.269	-0.012	99	793337	1000.0	1096.5	
40 2-Chloro-1,3-butadiene	88	4.293	4.300	-0.007	89	1655336	500.0	519.9	
41 Tert-butyl ethyl ether	59	4.513	4.513	0.000	90	5623276	500.0	488.9	
* 42 2-Butanone-d5	46	4.677	4.684	-0.007	83	384090	250.0	250.0	a
43 2,2-Dichloropropane	97	4.714	4.714	0.000	51	626864	500.0	541.2	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	55	1963284	500.0	506.5	
46 Ethyl acetate	70	4.726	4.732	-0.006	91	418346	1000.0	1097.6	
45 2-Butanone (MEK)	72	4.726	4.732	-0.006	96	1156358	2500.0	2485.1	
47 Methyl acrylate	55	4.775	4.775	0.000	97	1704370	500.0	588.7	
48 Propionitrile	54	4.848	4.848	0.000	98	2944010	5000.0	3497.6	
49 Tetrahydrofuran	72	4.909	4.909	0.000	53	524959	1000.0	1001.6	
50 Chlorobromomethane	128	4.915	4.915	0.000	65	868387	500.0	505.1	
51 Methacrylonitrile	67	4.933	4.934	-0.001	85	7215488	5000.0	4612.4	
52 Chloroform	83	4.952	4.952	0.000	83	2885554	500.0	496.0	
53 Cyclohexane	56	5.074	5.074	0.000	92	4026303	500.0	525.1	
54 1,1,1-Trichloroethane	97	5.080	5.086	-0.006	41	2514650	500.0	610.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.086	-0.006	31	143434	50.0	54.2	
56 Carbon tetrachloride	117	5.177	5.184	-0.007	89	1873368	500.0	771.6	
57 1,1-Dichloropropene	75	5.196	5.202	-0.006	94	2565151	500.0	511.2	
58 Isobutyl alcohol	43	5.269	5.269	0.000	56	2271922	12500	15481	
59 Isooctane	57	5.330	5.330	0.000	70	6488597	500.0	566.0	
60 Benzene	78	5.360	5.360	0.000	92	6861871	500.0	441.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.373	-0.007	87	210694	50.0	52.9	
62 Isopropyl acetate	61	5.378	5.379	-0.001	75	793655	500.0	500.0	
63 Tert-amyl methyl ether	87	5.397	5.397	0.000	91	1594066	500.0	524.4	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	90	2293021	500.0	471.6	
65 n-Heptane	71	5.458	5.464	-0.006	93	1827711	500.0	531.3	
* 66 Fluorobenzene	96	5.586	5.586	0.000	98	512892	50.0	50.0	
67 n-Butanol	56	5.787	5.787	0.000	89	1347515	12500	14815	
68 Trichloroethene	95	5.866	5.872	-0.006	88	1744004	500.0	515.5	
69 Ethyl acrylate	99	5.945	5.946	-0.001	25	178412	500.0	499.7	
70 Methylcyclohexane	83	5.988	5.988	0.000	93	3718696	500.0	553.2	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	82	1983023	500.0	479.2	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	91	39722	1000.0	1000.0	
72 Methyl methacrylate	69	6.159	6.159	0.000	88	2544033	1000.0	999.5	
74 n-Propyl acetate	43	6.195	6.196	-0.001	99	2700535	500.0	583.6	
75 1,4-Dioxane	88	6.208	6.208	0.000	21	426147	10000	8718.0	
76 Dibromomethane	93	6.238	6.238	0.000	95	1032873	500.0	521.6	
77 Dichlorobromomethane	83	6.360	6.360	0.000	96	2154960	500.0	713.7	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	93	1247416	501.2	560.7	
79 2-Nitropropane	41	6.647	6.647	-0.001	85	509624	1000.0	1070.3	
80 Epichlorohydrin	57	6.726	6.726	0.000	82	3836366	10000	10554	
81 cis-1,3-Dichloropropene	75	6.775	6.769	0.006	89	2992294	500.0	560.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.884	6.884	0.000	92	8059313	2500.0	2182.3	
\$ 83 Toluene-d8 (Surr)	98	6.964	6.958	0.006	72	611383	50.0	48.3	
84 Toluene	91	7.018	7.012	0.006	95	6606070	500.0	438.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.232	7.232	0.000	78	2337752	500.0	499.6	
86 trans-1,3-Dichloropropene	75	7.232	7.232	0.000	91	2641957	500.0	573.7	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	83	1299911	500.0	510.9	
88 Tetrachloroethene	166	7.415	7.415	0.000	88	1470901	500.0	498.2	
89 1,3-Dichloropropane	76	7.506	7.506	0.000	95	2691436	500.0	488.7	
90 2-Hexanone	58	7.518	7.518	0.000	89	3261821	2500.0	2560.5	
91 n-Butyl acetate	73	7.567	7.567	0.000	99	457966	500.0	484.8	
92 Chlorodibromomethane	129	7.640	7.640	0.000	97	1383838	500.0	488.3	
93 Ethylene Dibromide	107	7.744	7.744	0.000	98	1455967	500.0	554.9	
* 94 Chlorobenzene-d5	117	8.024	8.018	0.006	76	381140	50.0	50.0	
95 Chlorobenzene	112	8.043	8.043	0.000	88	4154275	500.0	469.9	
96 Ethylbenzene	106	8.079	8.079	0.000	95	2486795	500.0	476.6	
97 1,1,1,2-Tetrachloroethane	131	8.091	8.092	-0.001	74	1471798	500.0	482.9	
98 m-Xylene & p-Xylene	106	8.152	8.152	0.000	93	3013096	500.0	486.2	
99 n-Butyl acrylate	73	8.353	8.354	-0.001	98	1240253	500.0	499.7	
100 o-Xylene	106	8.402	8.402	0.000	93	2983771	500.0	476.5	
101 Styrene	104	8.421	8.415	0.006	88	4602442	500.0	484.5	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	92	3013279	500.0	499.6	
103 Bromoform	173	8.555	8.555	0.000	75	843082	500.0	487.0	
104 Isopropylbenzene	105	8.603	8.604	-0.001	97	6515106	500.0	410.4	
\$ 105 4-Bromofluorobenzene	174	8.731	8.732	-0.001	86	157094	50.0	49.5	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	70	2099579	500.0	572.9	
107 Bromobenzene	156	8.823	8.823	0.000	90	1628610	500.0	503.3	
108 N-Propylbenzene	91	8.835	8.835	0.000	88	7306572	500.0	400.4	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.847	0.000	59	678244	500.0	721.3	
110 1,2,3-Trichloropropane	110	8.853	8.854	-0.001	59	566869	500.0	523.5	
169 4-Ethyltoluene	105	8.902	8.896	0.006	0	6301321	500.0	434.5	
112 2-Chlorotoluene	91	8.914	8.915	0.000	78	6624056	500.0	474.3	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	69	5950274	500.0	460.1	
114 Butyl Methacrylate	87	8.957	8.957	0.000	92	2340205	500.0	499.5	
115 4-Chlorotoluene	91	8.975	8.975	0.000	98	5098953	500.0	462.6	
116 tert-Butylbenzene	119	9.116	9.110	0.006	70	5122452	500.0	494.0	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	96	5935707	500.0	464.3	
118 sec-Butylbenzene	134	9.237	9.238	-0.001	92	1706235	500.0	538.8	
119 4-Isopropyltoluene	119	9.317	9.311	0.006	79	6090544	500.0	457.0	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	81	3227741	500.0	491.3	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	74	185928	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.402	9.396	0.006	73	2994187	500.0	446.3	
123 1,2,3-Trimethylbenzene	105	9.402	9.396	0.006	94	6057689	500.0	439.0	
124 Benzyl chloride	91	9.481	9.481	0.000	98	3846897	500.0	499.6	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	34	5860571	500.0	427.2	
164 p-Diethylbenzene	119	9.542	9.536	0.006	87	3656134	500.0	464.3	a
127 n-Butylbenzene	92	9.561	9.555	0.006	96	3915355	500.0	485.8	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	90	3198747	500.0	485.8	
163 1,2,4,5-Tetramethylbenzene	119	10.054	10.055	-0.001	0	6129279	500.0	485.8	
130 1,2-Dibromo-3-Chloropropane	157	10.170	10.164	0.006	92	395796	500.0	499.6	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	91	2419863	500.0	484.4	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	88	2287277	500.0	499.1	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	92	1026961	500.0	569.8	
134 Naphthalene	128	11.036	11.036	0.000	97	5781260	500.0	507.7	
135 1,2,3-Trichlorobenzene	180	11.268	11.268	0.000	92	1997637	500.0	494.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1010.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total 100 0 1000.0 962.7

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00137	Amount Added: 40.00	Units: uL	
GAS Hi_00408	Amount Added: 50.00	Units: uL	
Ethanol mix_00061	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00120	Amount Added: 50.00	Units: uL	
MIX I Hi_00147	Amount Added: 50.00	Units: uL	
8FreonHi_00041	Amount Added: 50.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D

Injection Date: 25-Feb-2022 13:09:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

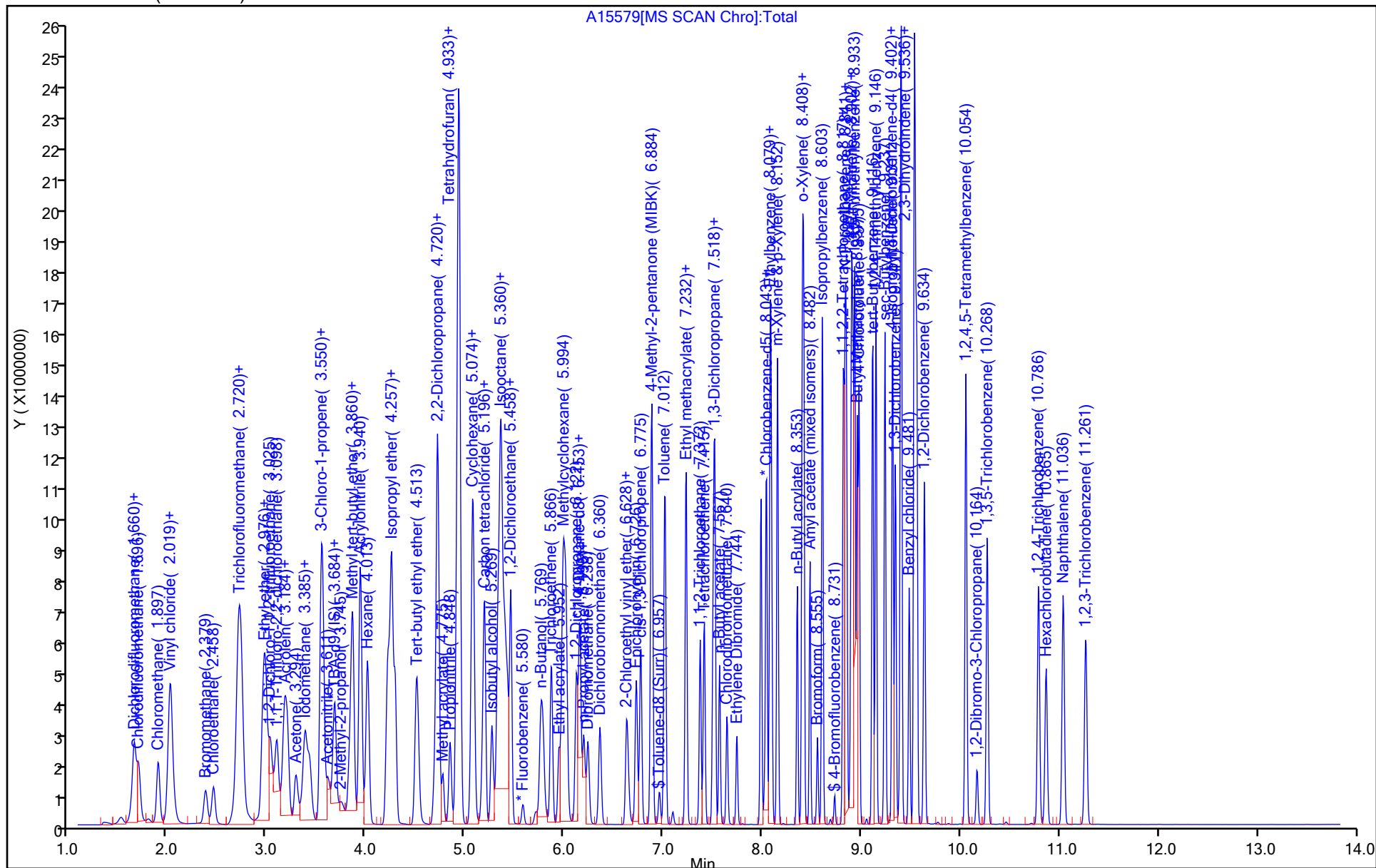
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

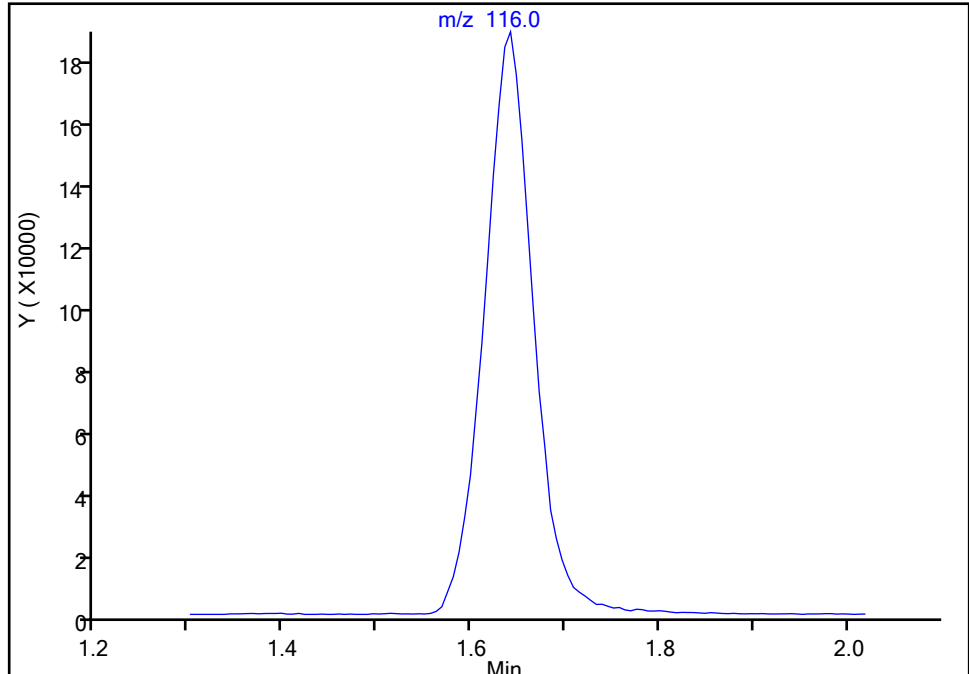
Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D		
Injection Date:	25-Feb-2022 13:09:30	Instrument ID:	CVOAMS1
Lims ID:	STD500		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	9

170 Chlorotrifluoroethene, CAS: 79-38-9

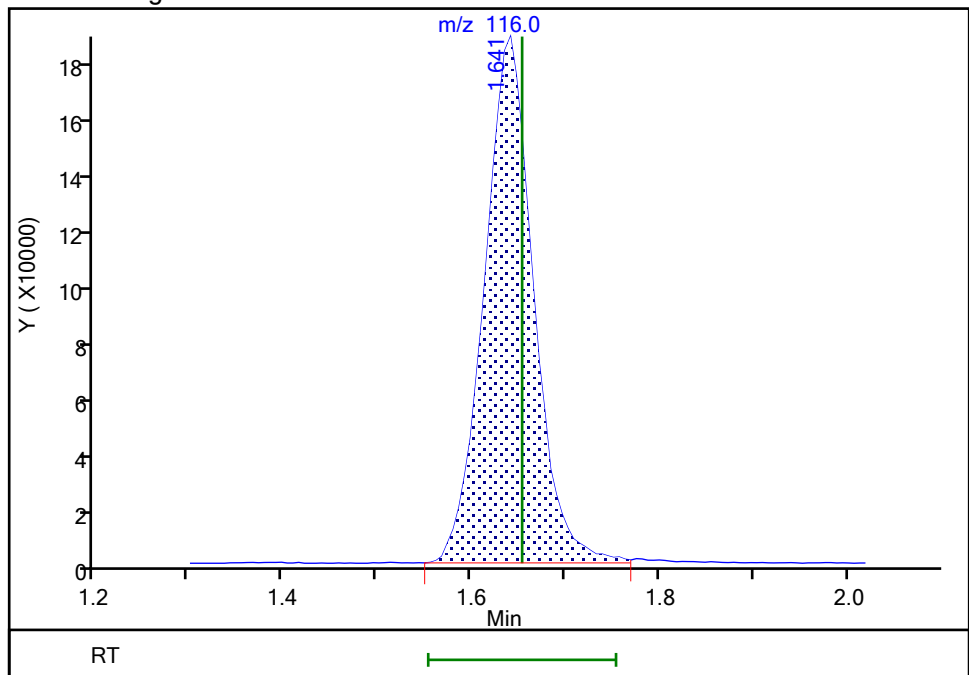
Signal: 1

Not Detected
Expected RT: 1.65

Processing Integration Results

RT: 1.64
Area: 660551
Amount: 476.6843
Amount Units: ug/l

Manual Integration Results

Reviewer: desais, 25-Feb-2022 13:27:25
Audit Action: Assigned Compound IDAudit Reason: Peak assignment corrected
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03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D

Injection Date: 25-Feb-2022 13:09:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

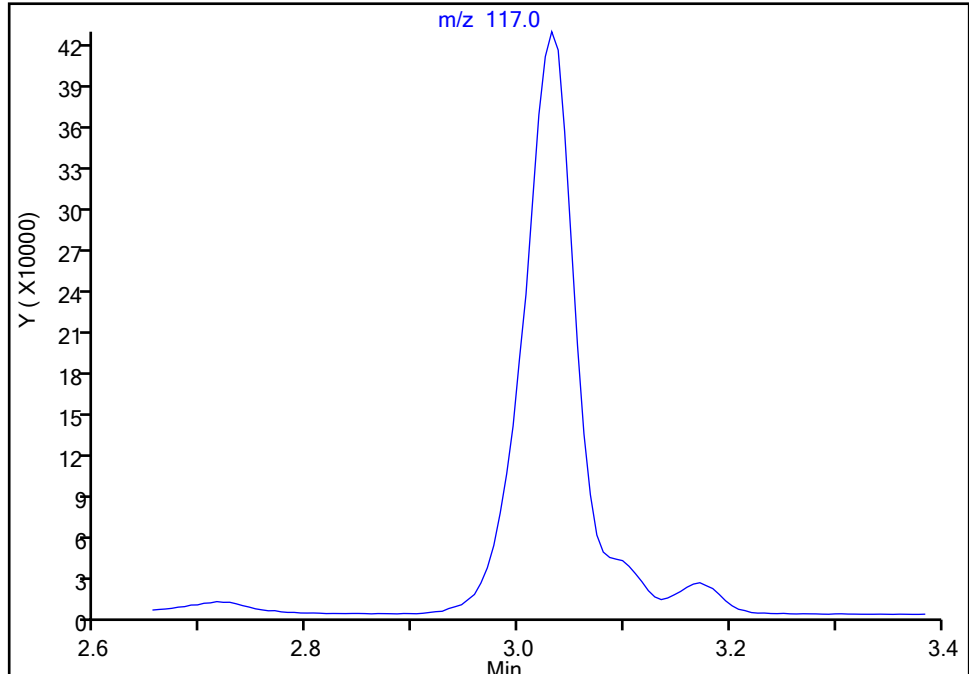
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

Not Detected

Expected RT: 3.04

Processing Integration Results



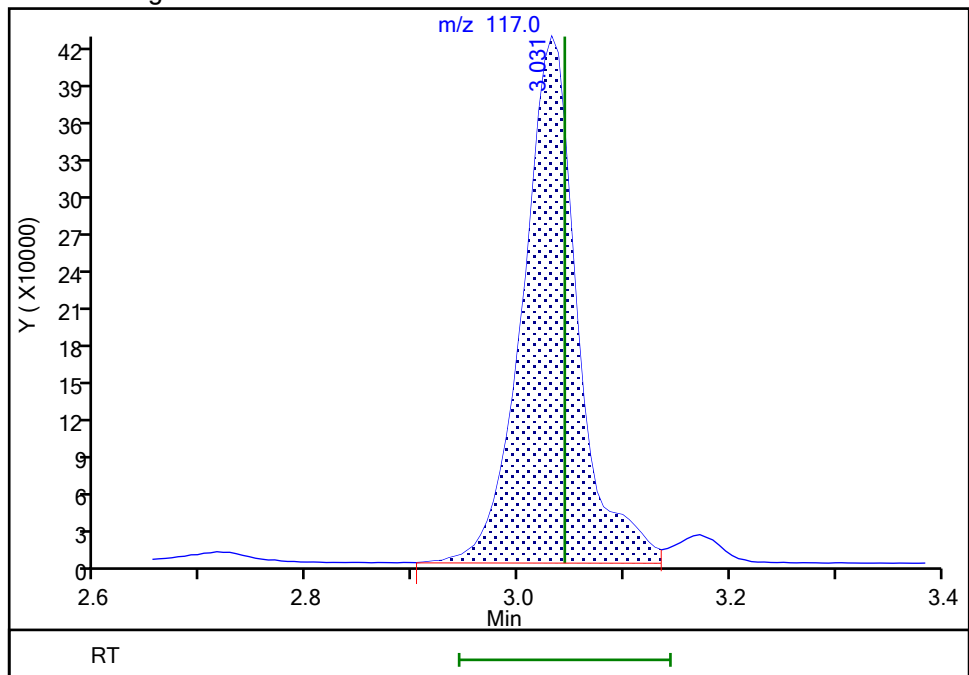
RT: 3.03

Area: 1541991

Amount: 525.5250

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:27:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

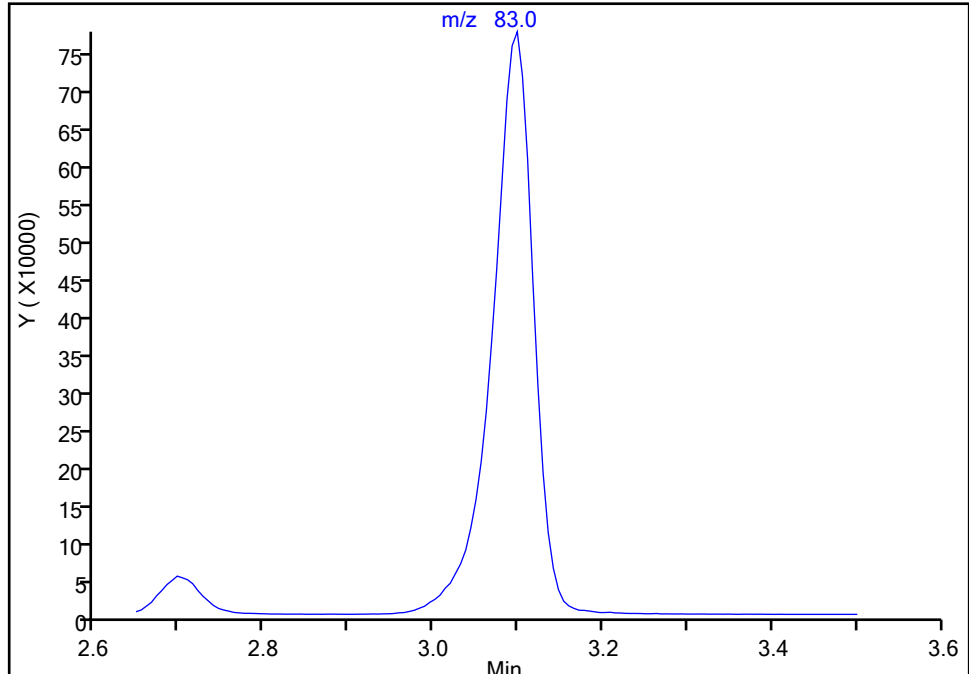
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
Injection Date: 25-Feb-2022 13:09:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2
Signal: 1

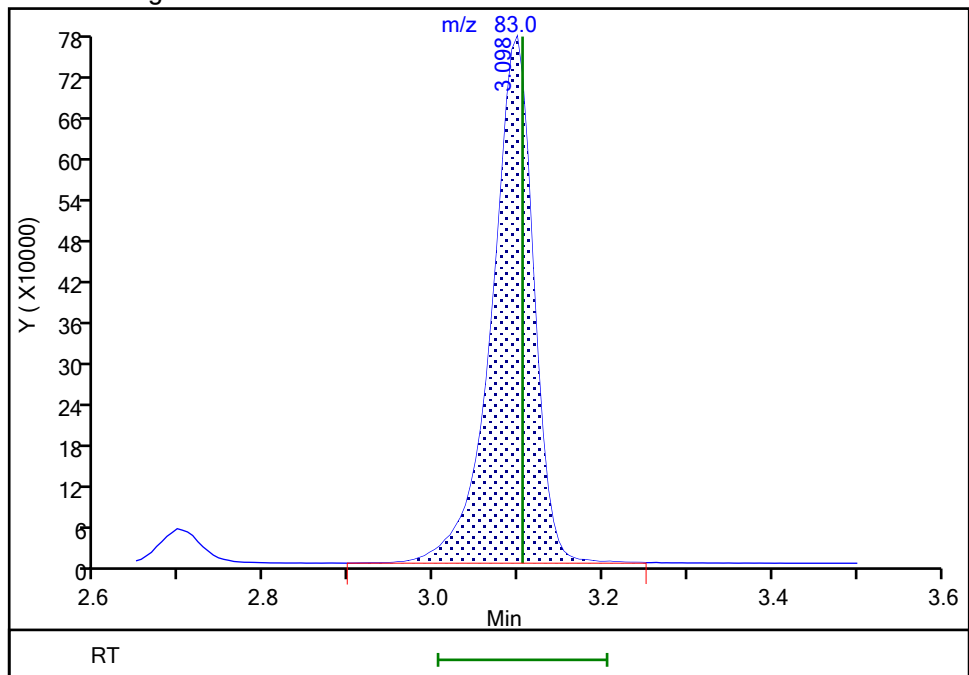
Not Detected
Expected RT: 3.10

Processing Integration Results



RT: 3.10
Area: 2668730
Amount: 501.0164
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:27:37
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D

Injection Date: 25-Feb-2022 13:09:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

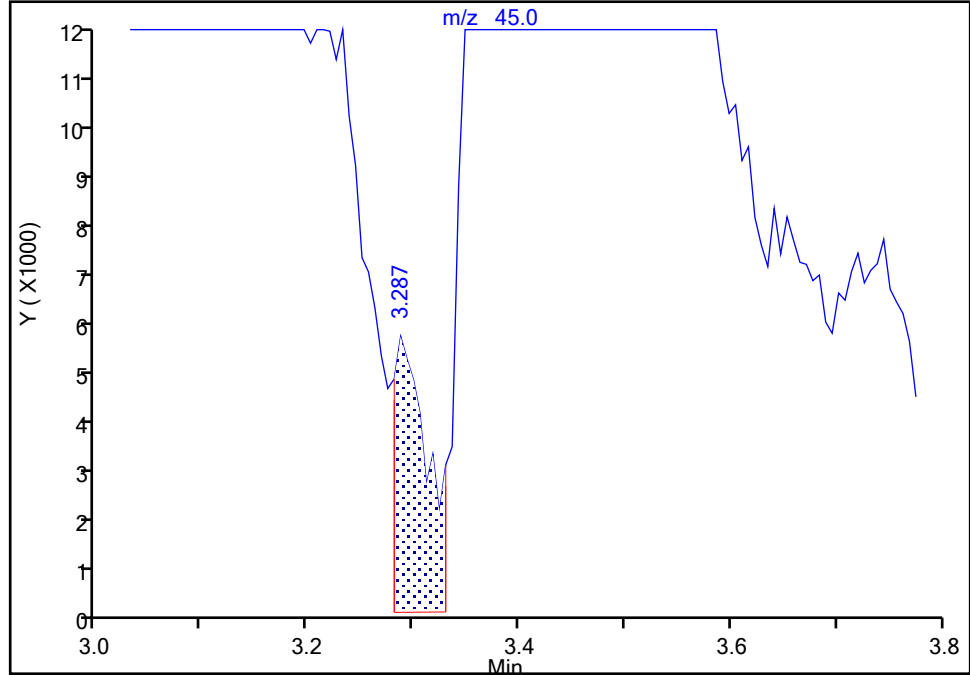
MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

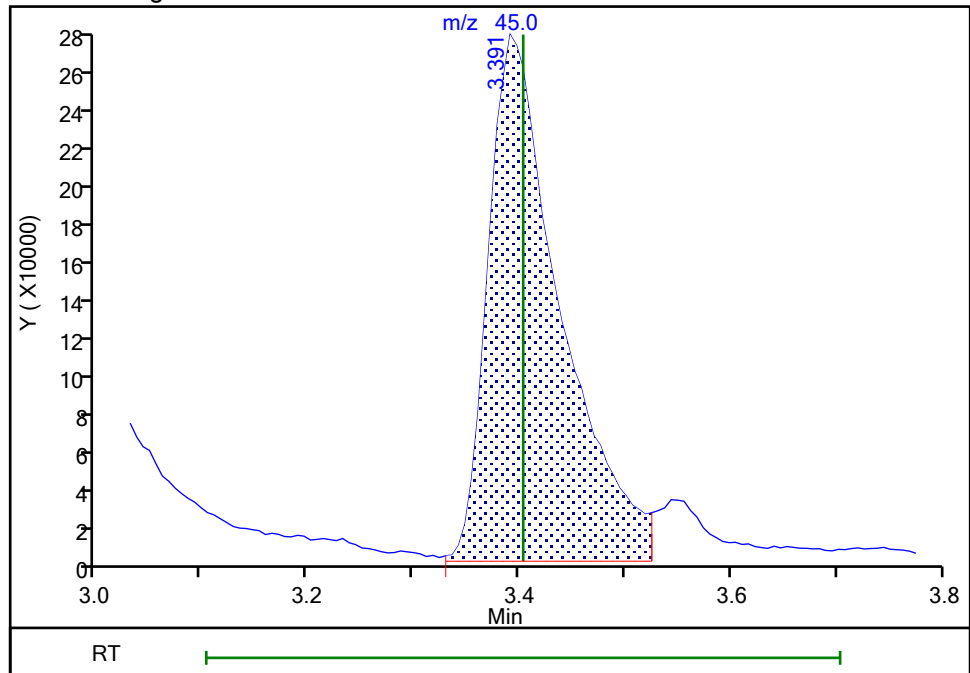
RT: 3.29
Area: 12065
Amount: 73.494102
Amount Units: ug/l

Processing Integration Results



RT: 3.39
Area: 1283552
Amount: 5311.5724
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:27:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

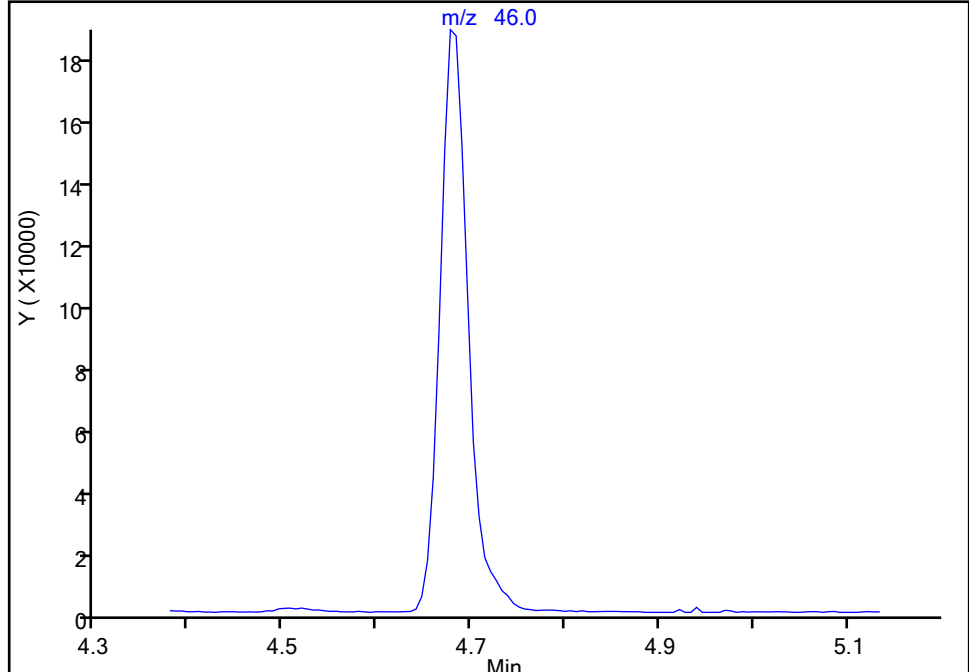
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Injection Date: 25-Feb-2022 13:09:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

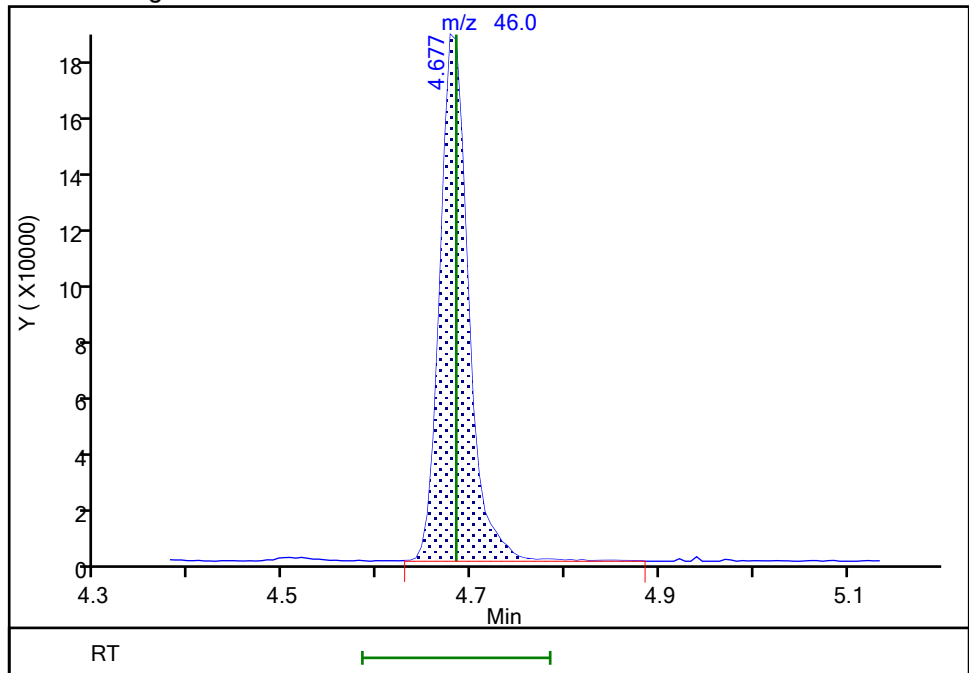
Not Detected
Expected RT: 4.68

Processing Integration Results



RT: 4.68
Area: 384090
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:27:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D

Injection Date: 25-Feb-2022 13:09:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

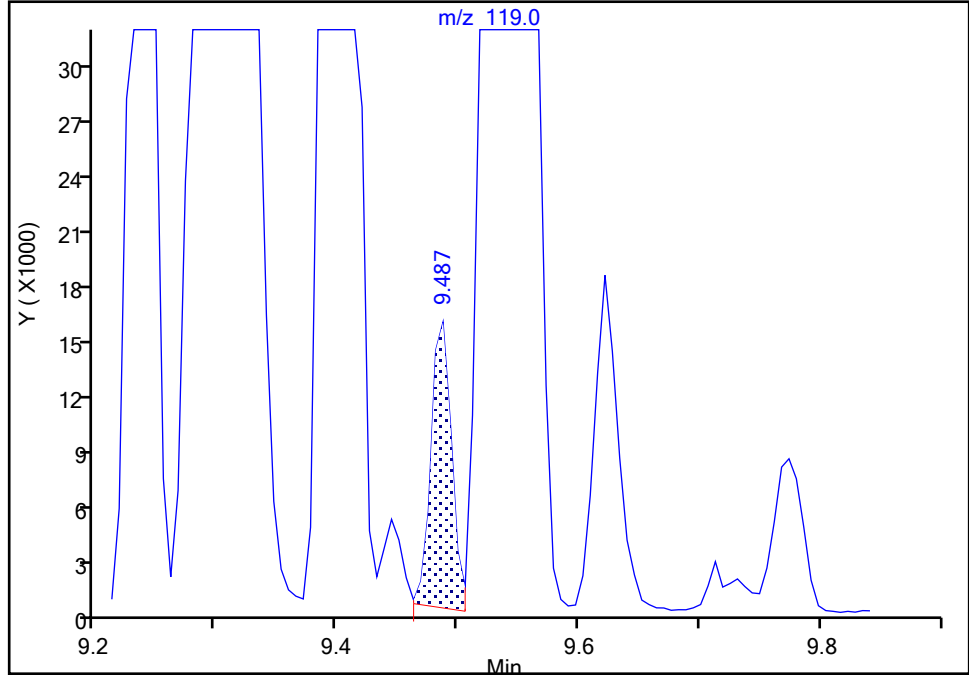
MS SCAN

164 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

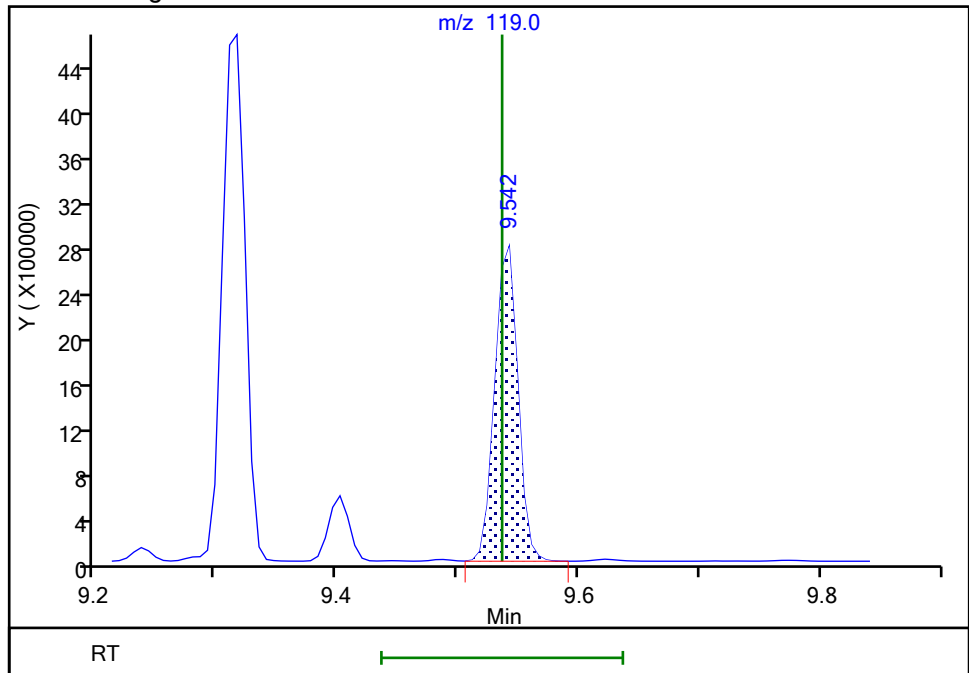
RT: 9.49
Area: 18270
Amount: 2.824532
Amount Units: ug/l

Processing Integration Results



RT: 9.54
Area: 3656134
Amount: 464.2571
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 25-Feb-2022 13:28:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Calibration

/ Chlorotrifluoroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

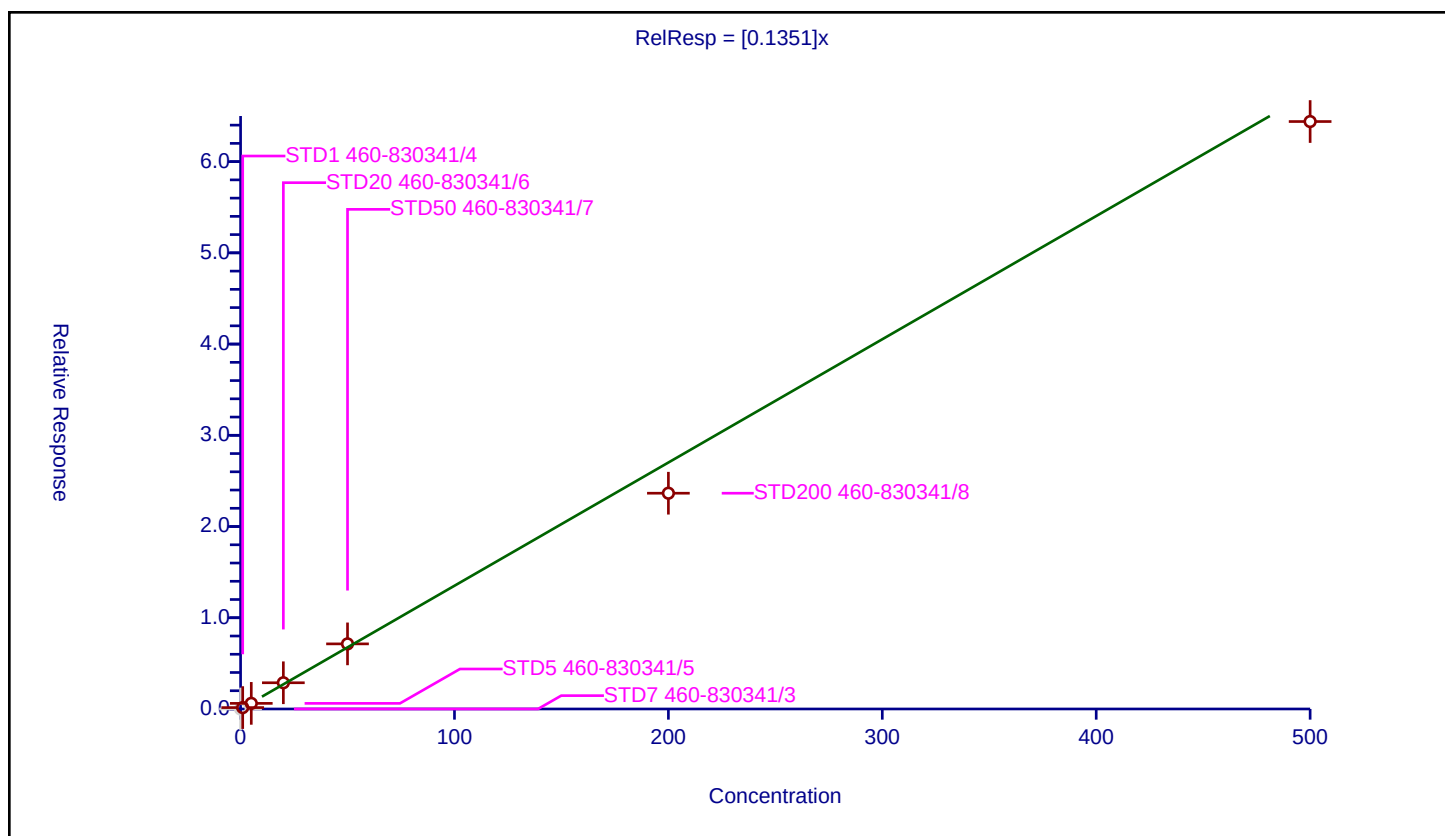
Curve Coefficients

Intercept: 0
 Slope: 0.1351

Error Coefficients

Standard Error: 316000
 Relative Standard Error: 10.3
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.154135	50.0	463229.0	0.154135	Y
3	STD5 460-830341/5	5.0	0.61387	50.0	450177.0	0.122774	Y
4	STD20 460-830341/6	20.0	2.876164	50.0	492757.0	0.143808	Y
5	STD50 460-830341/7	50.0	7.138108	50.0	505358.0	0.142762	Y
6	STD200 460-830341/8	200.0	23.65281	50.0	504179.0	0.118264	Y
7	STD500 460-830341/9	500.0	64.394746	50.0	512892.0	0.128789	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

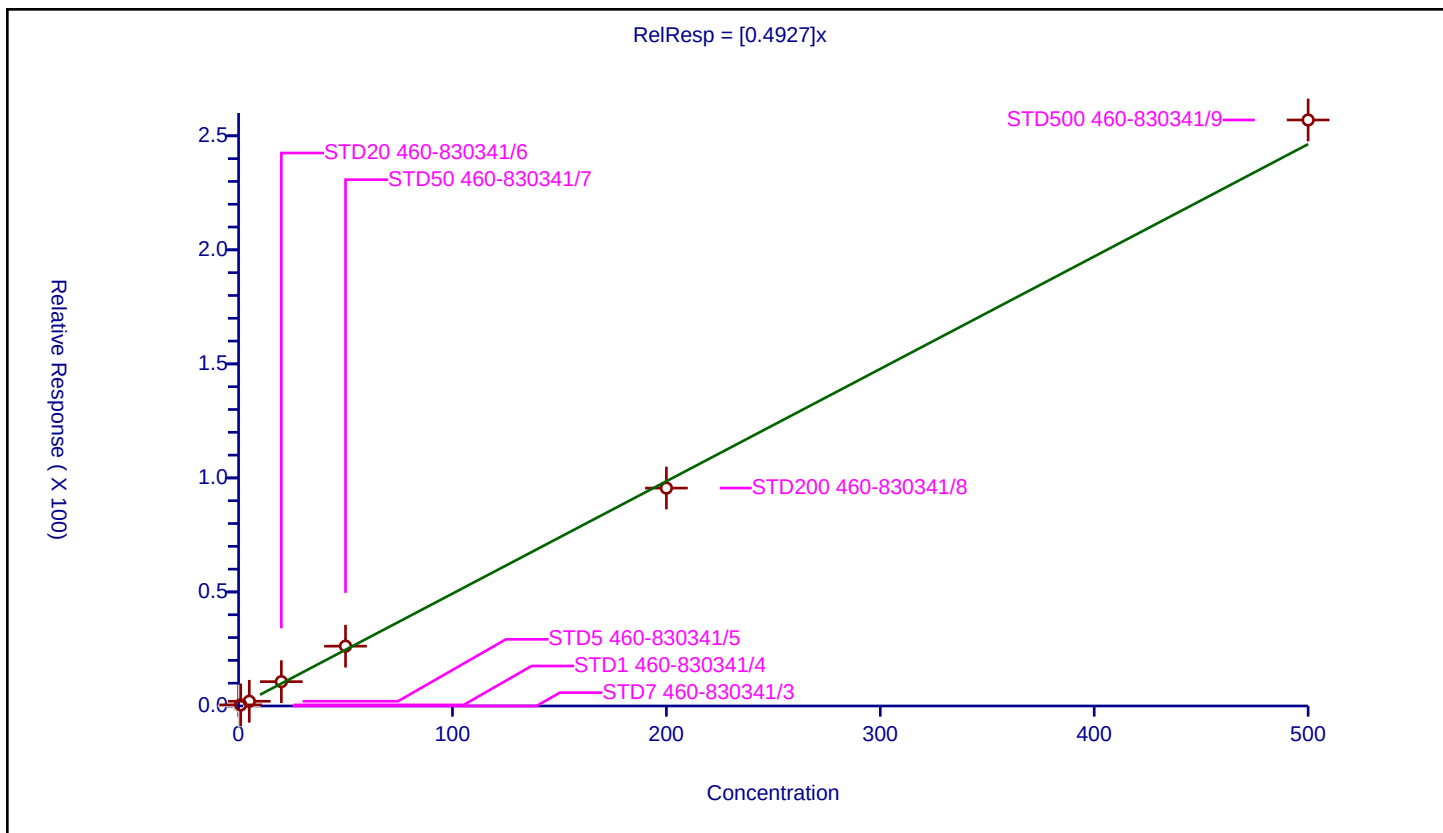
Curve Coefficients

Intercept: 0
 Slope: 0.4927

Error Coefficients

Standard Error: 1260000
 Relative Standard Error: 8.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.25	0.0	50.0	463273.0	0.0	N
2	STD1 460-830341/4	1.0	0.490902	50.0	463229.0	0.490902	Y
3	STD5 460-830341/5	5.0	2.076406	50.0	450177.0	0.415281	Y
4	STD20 460-830341/6	20.0	10.6724	50.0	492757.0	0.53362	Y
5	STD50 460-830341/7	50.0	26.236648	50.0	505358.0	0.524733	Y
6	STD200 460-830341/8	200.0	95.545134	50.0	504179.0	0.477726	Y
7	STD500 460-830341/9	500.0	256.945224	50.0	512892.0	0.51389	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

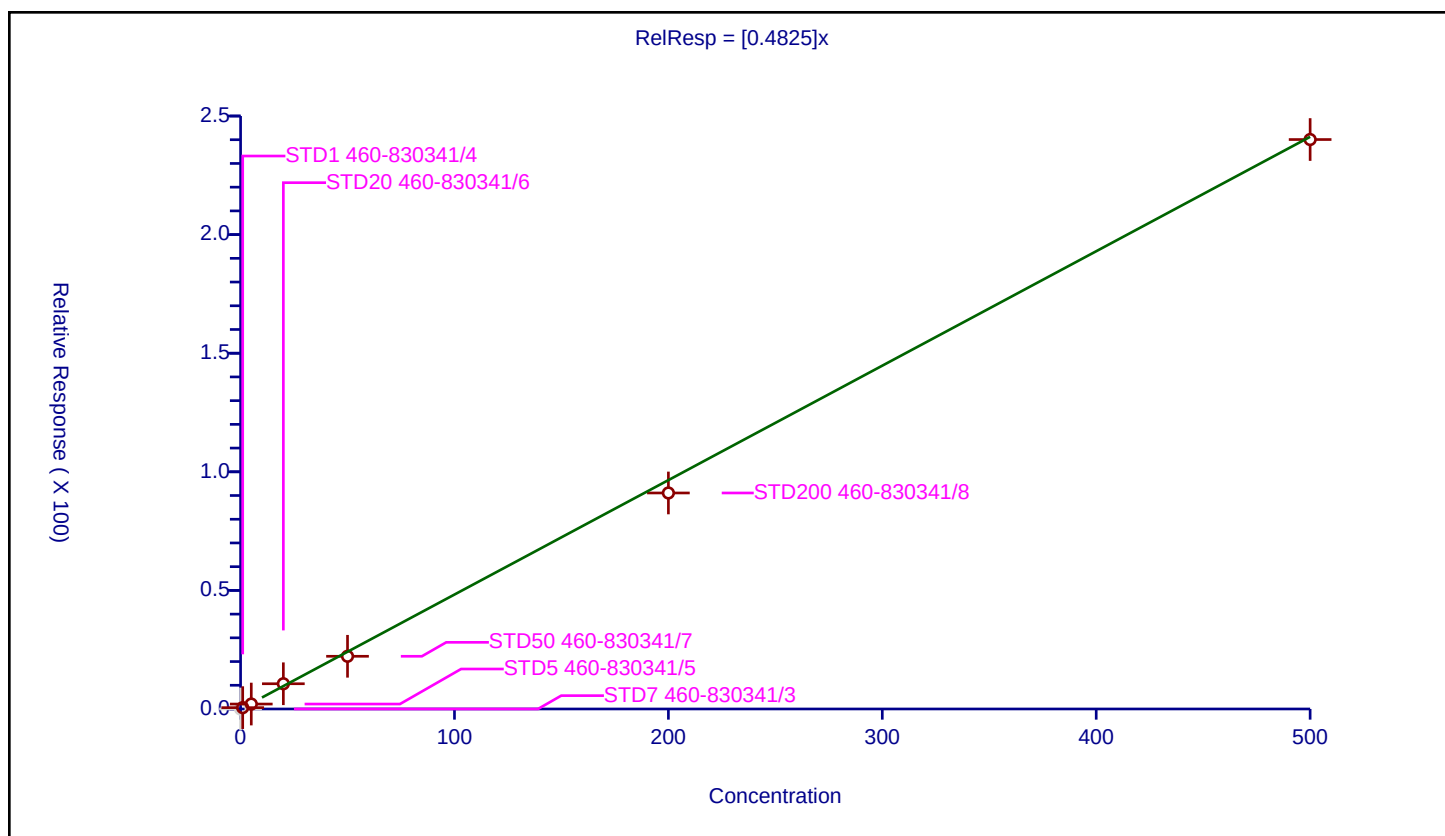
Curve Coefficients

Intercept: 0
 Slope: 0.4825

Error Coefficients

Standard Error: 1180000
 Relative Standard Error: 11.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.566243	50.0	463229.0	0.566243	Y
3	STD5 460-830341/5	5.0	2.083292	50.0	450177.0	0.416658	Y
4	STD20 460-830341/6	20.0	10.637901	50.0	492757.0	0.531895	Y
5	STD50 460-830341/7	50.0	22.224443	50.0	505358.0	0.444489	Y
6	STD200 460-830341/8	200.0	91.072417	50.0	504179.0	0.455362	Y
7	STD500 460-830341/9	500.0	240.088362	50.0	512892.0	0.480177	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

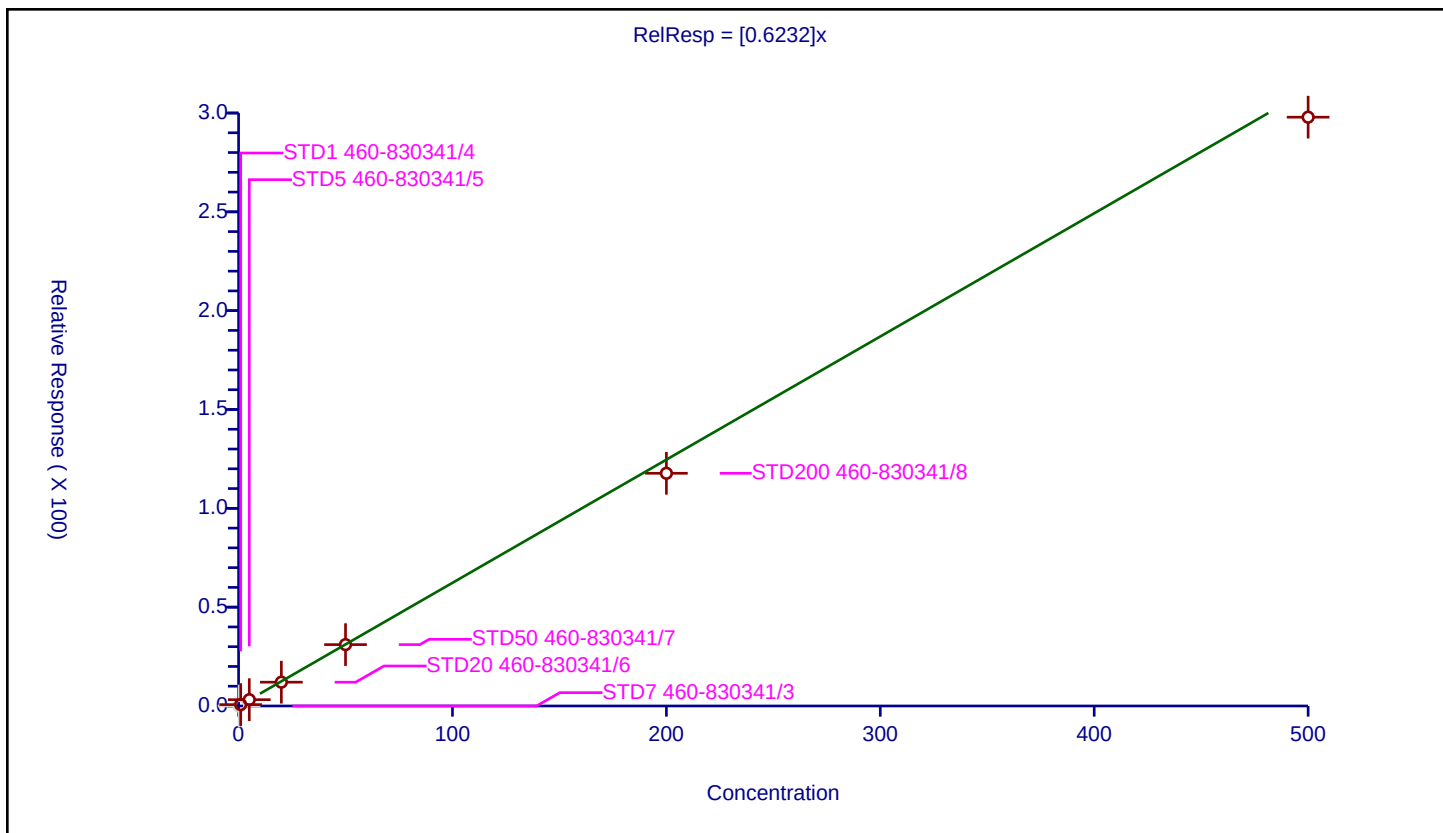
Curve Coefficients

Intercept: 0
 Slope: 0.6232

Error Coefficients

Standard Error: 1470000
 Relative Standard Error: 6.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.25	0.0	50.0	463273.0	0.0	N
2	STD1 460-830341/4	1.0	0.692746	50.0	463229.0	0.692746	Y
3	STD5 460-830341/5	5.0	3.193077	50.0	450177.0	0.638615	Y
4	STD20 460-830341/6	20.0	12.043969	50.0	492757.0	0.602198	Y
5	STD50 460-830341/7	50.0	31.045714	50.0	505358.0	0.620914	Y
6	STD200 460-830341/8	200.0	117.729219	50.0	504179.0	0.588646	Y
7	STD500 460-830341/9	500.0	297.895171	50.0	512892.0	0.59579	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

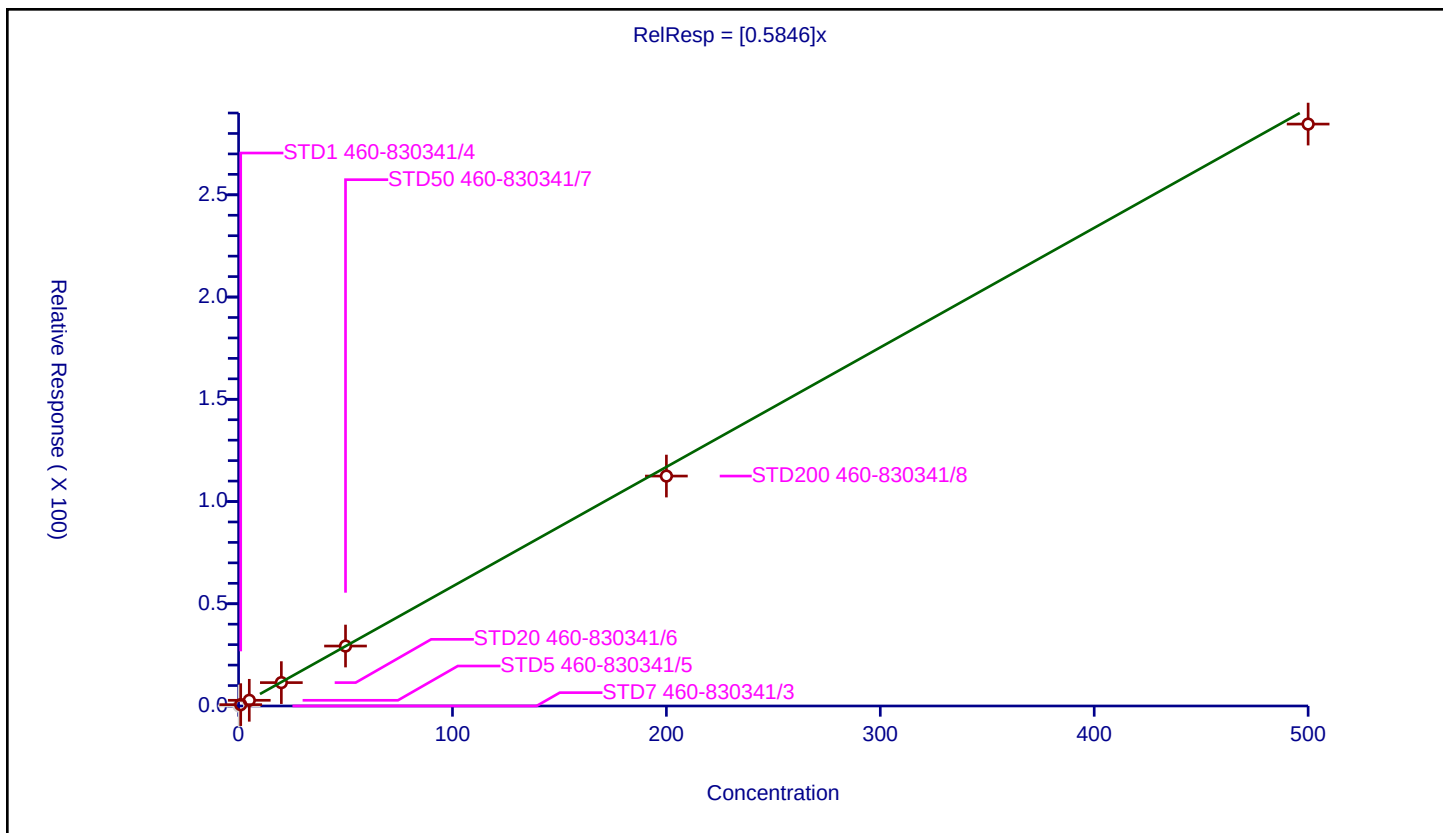
Curve Coefficients

Intercept: 0
 Slope: 0.5846

Error Coefficients

Standard Error: 1410000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.25	0.0	50.0	463273.0	0.0	N
2	STD1 460-830341/4	1.0	0.66166	50.0	463229.0	0.66166	Y
3	STD5 460-830341/5	5.0	2.781684	50.0	450177.0	0.556337	Y
4	STD20 460-830341/6	20.0	11.430786	50.0	492757.0	0.571539	Y
5	STD50 460-830341/7	50.0	29.323371	50.0	505358.0	0.586467	Y
6	STD200 460-830341/8	200.0	112.455299	50.0	504179.0	0.562276	Y
7	STD500 460-830341/9	500.0	284.584084	50.0	512892.0	0.569168	Y



Calibration

/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

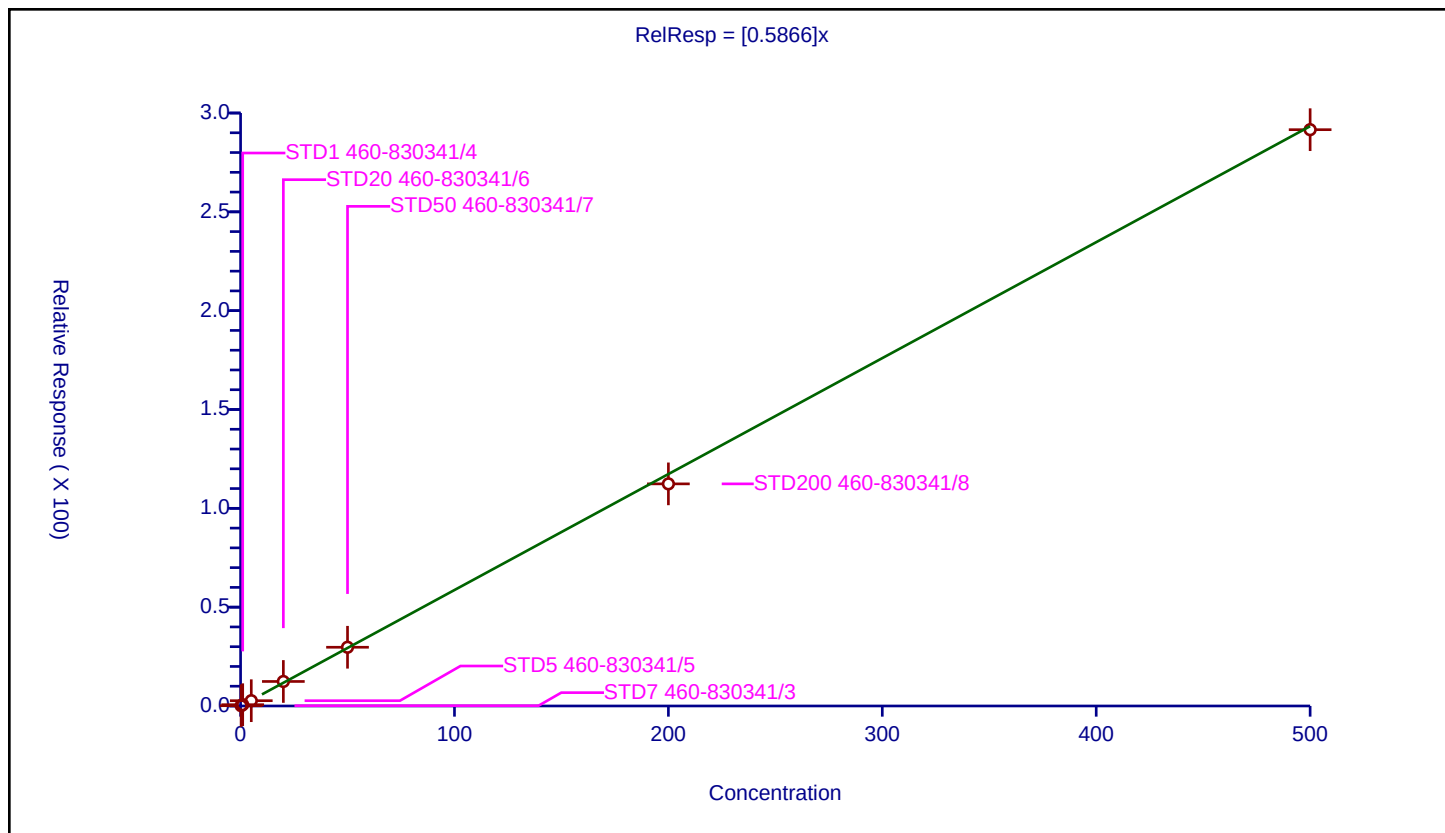
Curve Coefficients

Intercept: 0
 Slope: 0.5866

Error Coefficients

Standard Error: 1310000
 Relative Standard Error: 7.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.25	0.138687	50.0	463273.0	0.554748	Y
2	STD1 460-830341/4	1.0	0.656263	50.0	463229.0	0.656263	Y
3	STD5 460-830341/5	5.0	2.678946	50.0	450177.0	0.535789	Y
4	STD20 460-830341/6	20.0	12.400433	50.0	492757.0	0.620022	Y
5	STD50 460-830341/7	50.0	29.719526	50.0	505358.0	0.594391	Y
6	STD200 460-830341/8	200.0	112.378243	50.0	504179.0	0.561891	Y
7	STD500 460-830341/9	500.0	291.571715	50.0	512892.0	0.583143	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

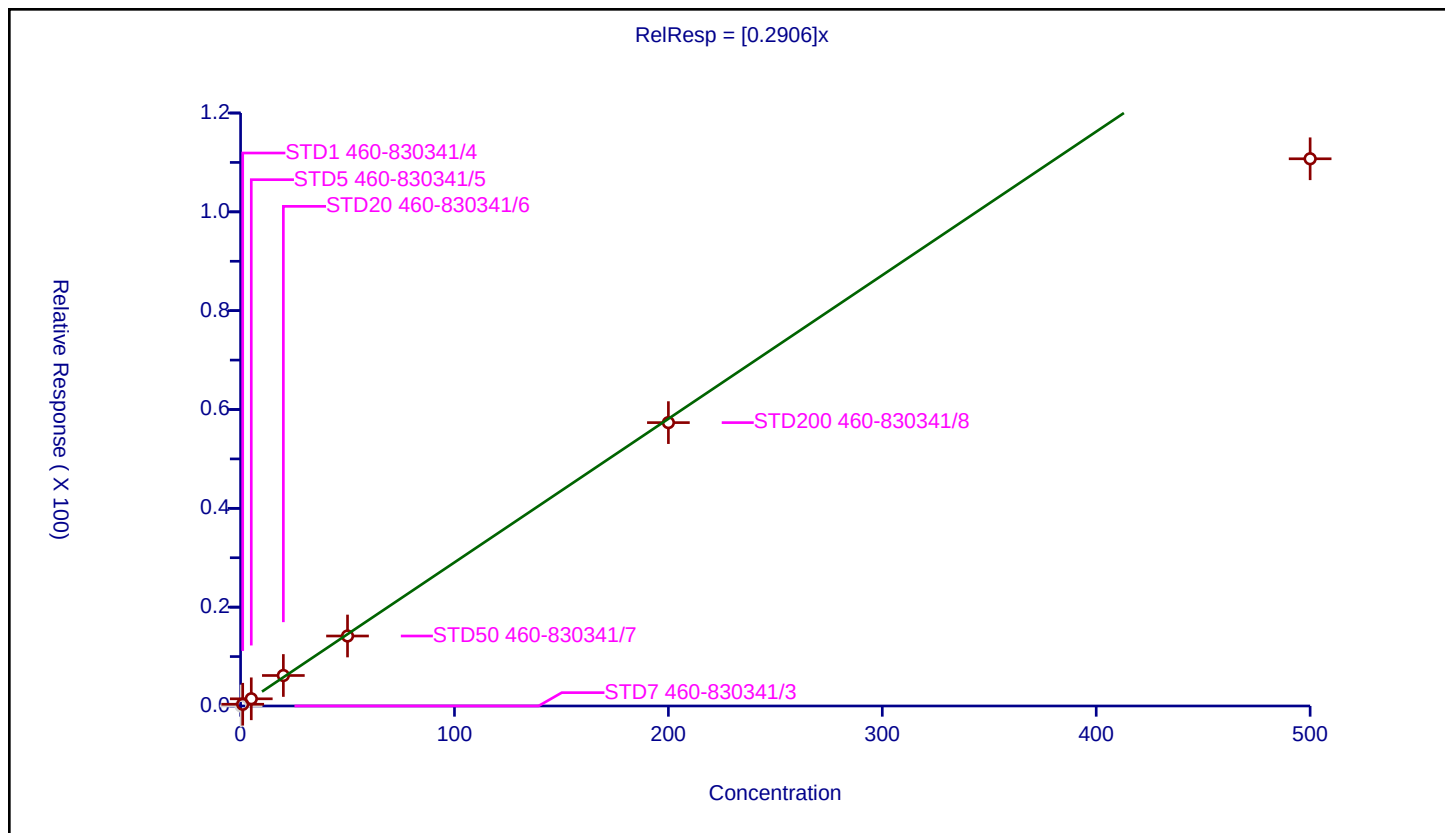
Curve Coefficients

Intercept: 0
 Slope: 0.2906

Error Coefficients

Standard Error: 574000
 Relative Standard Error: 14.6
 Correlation Coefficient: 0.989
 Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.25	0.0	50.0	463273.0	0.0	N
2	STD1 460-830341/4	1.0	0.352633	50.0	463229.0	0.352633	Y
3	STD5 460-830341/5	5.0	1.454872	50.0	450177.0	0.290974	Y
4	STD20 460-830341/6	20.0	6.17008	50.0	492757.0	0.308504	Y
5	STD50 460-830341/7	50.0	14.163128	50.0	505358.0	0.283263	Y
6	STD200 460-830341/8	200.0	57.344515	50.0	504179.0	0.286723	Y
7	STD500 460-830341/9	500.0	110.738908	50.0	512892.0	0.221478	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

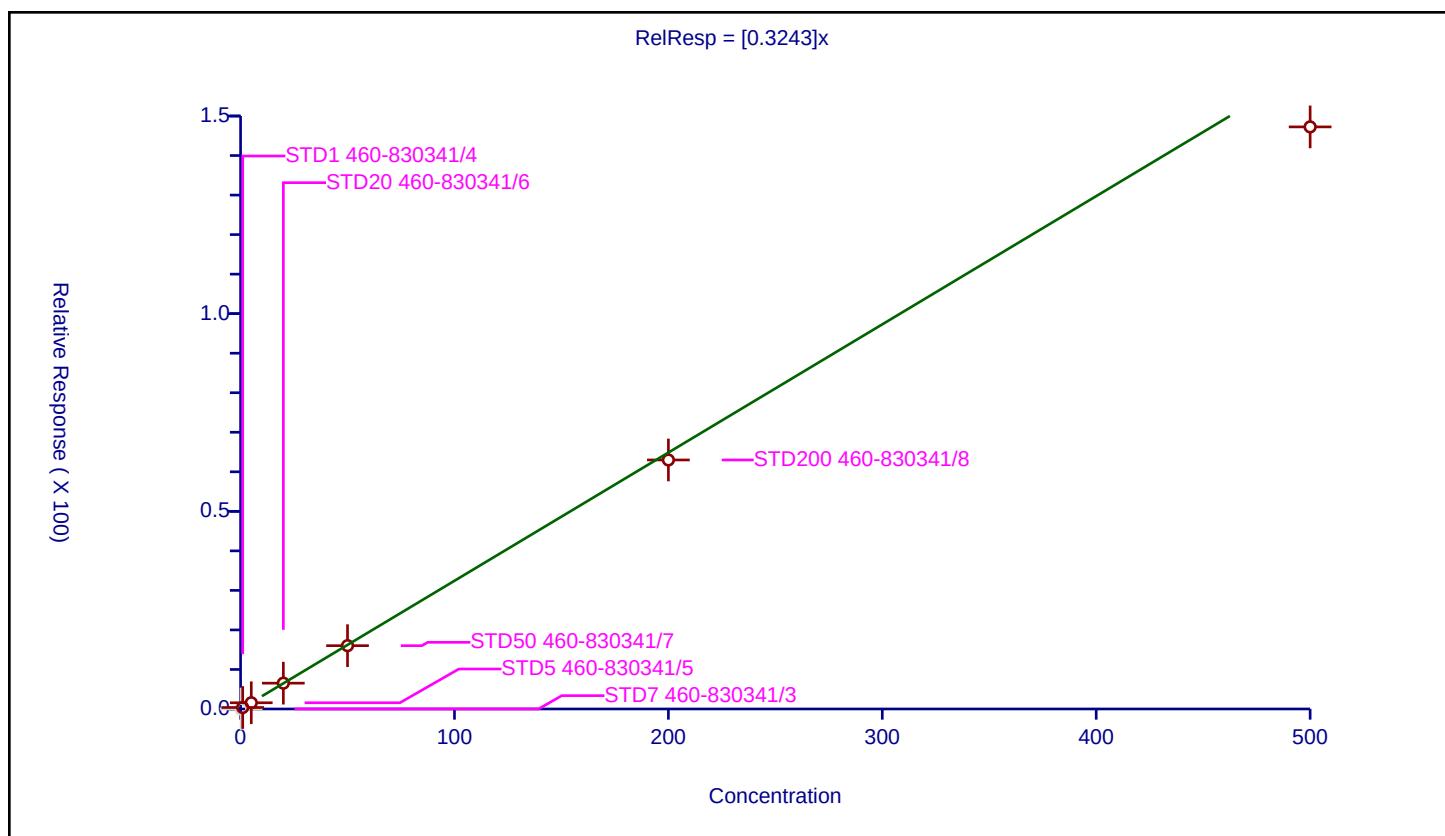
Curve Coefficients

Intercept: 0
Slope: 0.3243

Error Coefficients

Standard Error: 737000
Relative Standard Error: 8.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.25	0.0	50.0	463273.0	0.0	N
2	STD1 460-830341/4	1.0	0.374113	50.0	463229.0	0.374113	Y
3	STD5 460-830341/5	5.0	1.576824	50.0	450177.0	0.315365	Y
4	STD20 460-830341/6	20.0	6.533443	50.0	492757.0	0.326672	Y
5	STD50 460-830341/7	50.0	16.017457	50.0	505358.0	0.320349	Y
6	STD200 460-830341/8	200.0	62.994591	50.0	504179.0	0.314973	Y
7	STD500 460-830341/9	500.0	147.250786	50.0	512892.0	0.294502	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

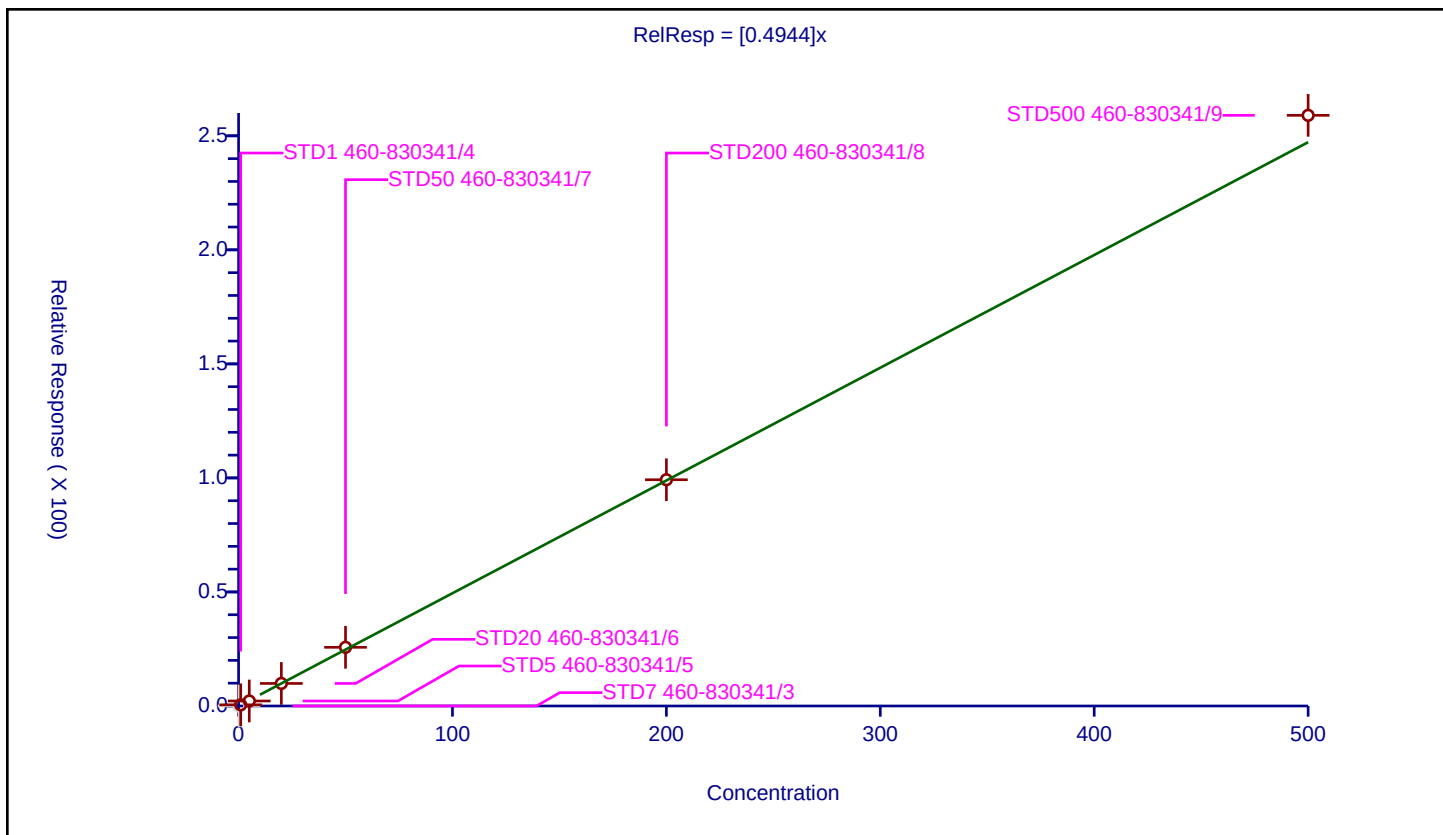
Curve Coefficients

Intercept: 0
 Slope: 0.4944

Error Coefficients

Standard Error: 1280000
 Relative Standard Error: 5.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.25	0.0	50.0	463273.0	0.0	N
2	STD1 460-830341/4	1.0	0.504178	50.0	463229.0	0.504178	Y
3	STD5 460-830341/5	5.0	2.197358	50.0	450177.0	0.439472	Y
4	STD20 460-830341/6	20.0	9.883269	50.0	492757.0	0.494163	Y
5	STD50 460-830341/7	50.0	25.726218	50.0	505358.0	0.514524	Y
6	STD200 460-830341/8	200.0	99.203259	50.0	504179.0	0.496016	Y
7	STD500 460-830341/9	500.0	258.981131	50.0	512892.0	0.517962	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

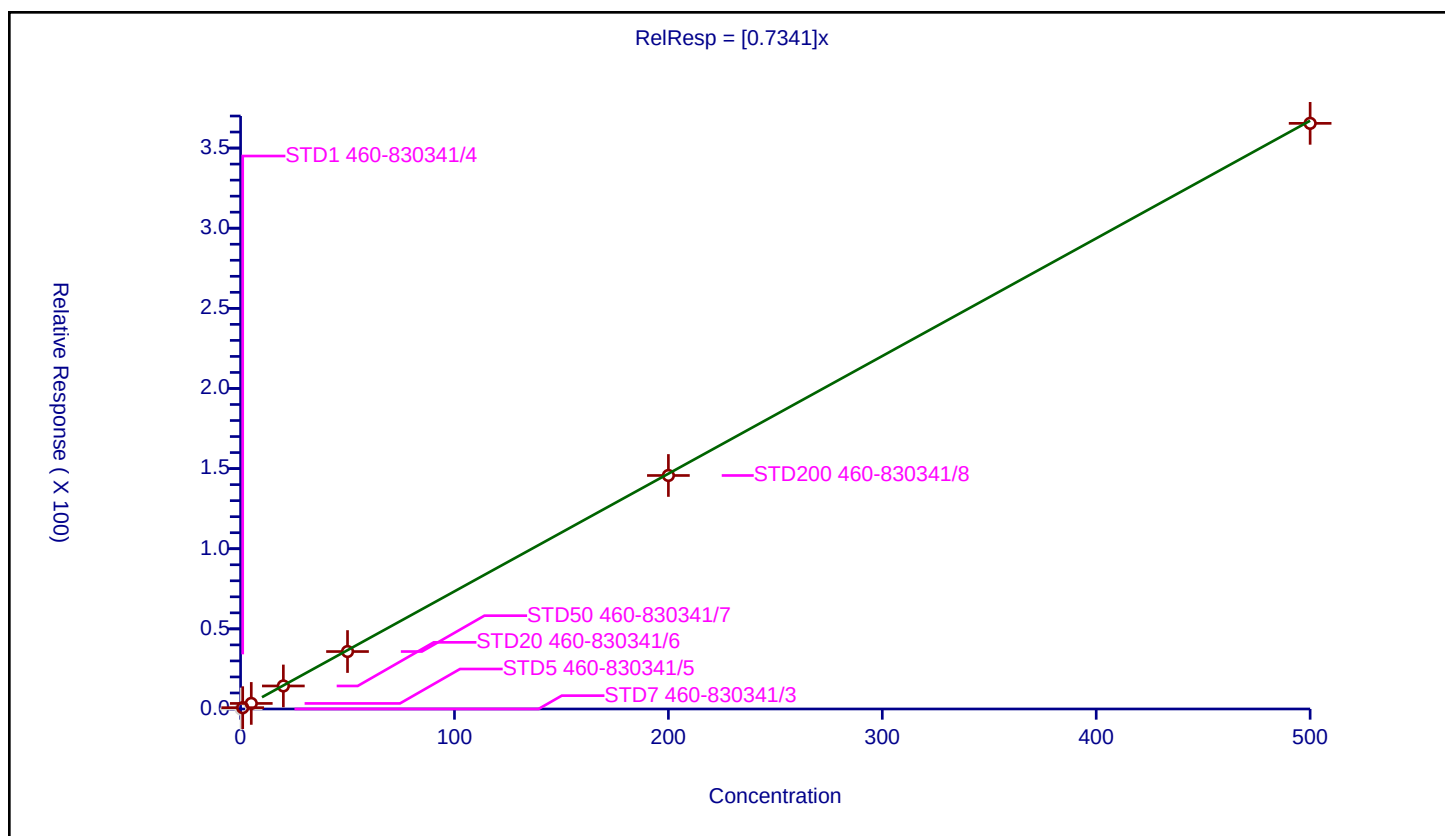
Curve Coefficients

Intercept: 0
Slope: 0.7341

Error Coefficients

Standard Error: 1810000
Relative Standard Error: 5.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.25	0.0	50.0	463273.0	0.0	N
2	STD1 460-830341/4	1.0	0.817738	50.0	463229.0	0.817738	Y
3	STD5 460-830341/5	5.0	3.461194	50.0	450177.0	0.692239	Y
4	STD20 460-830341/6	20.0	14.36976	50.0	492757.0	0.718488	Y
5	STD50 460-830341/7	50.0	35.845975	50.0	505358.0	0.716919	Y
6	STD200 460-830341/8	200.0	145.698948	50.0	504179.0	0.728495	Y
7	STD500 460-830341/9	500.0	365.429662	50.0	512892.0	0.730859	Y



Calibration

/ Pentane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

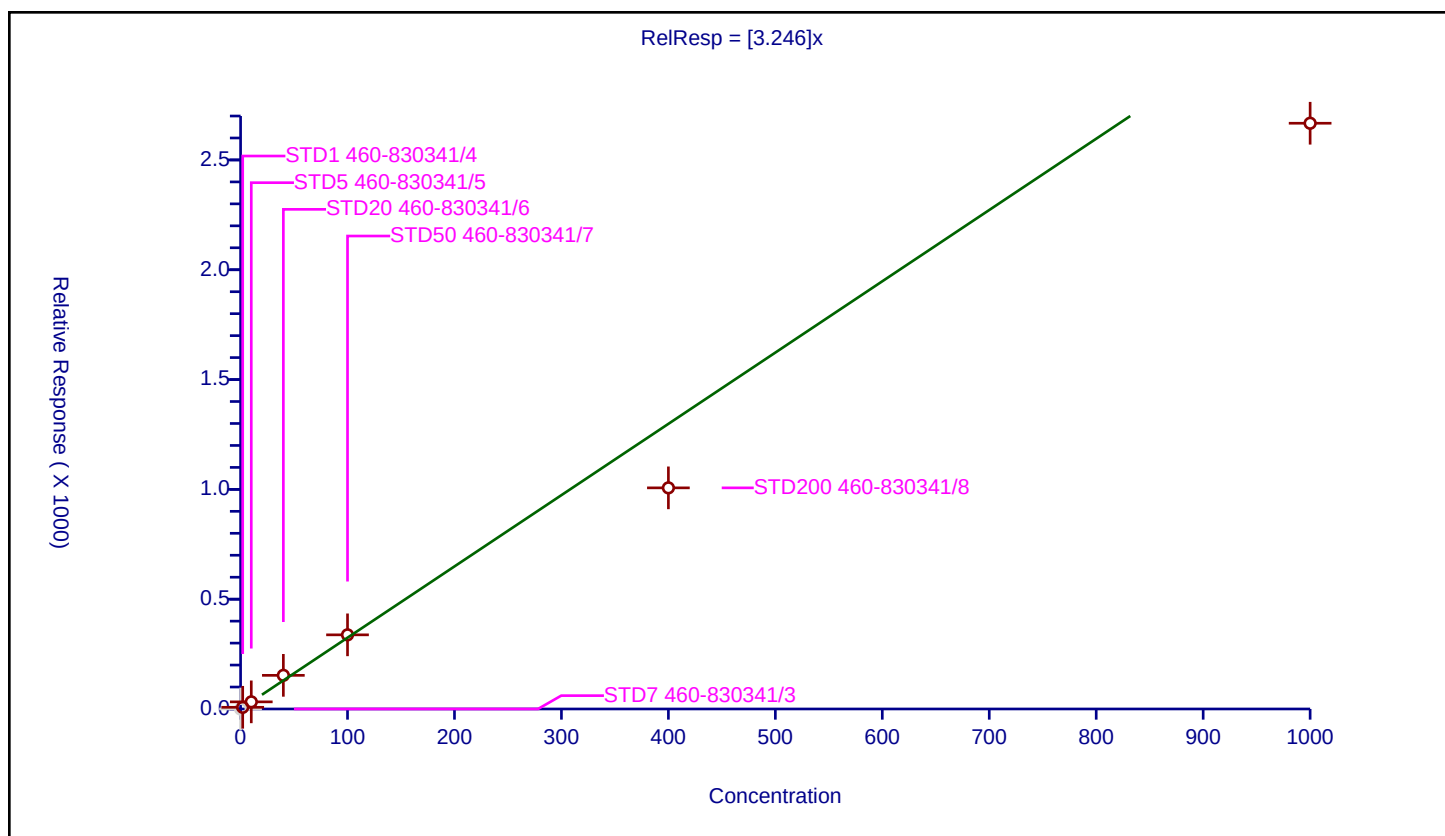
Curve Coefficients

Intercept: 0
Slope: 3.246

Error Coefficients

Standard Error: 377000
Relative Standard Error: 17.3
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	2.0	7.669961	1000.0	173143.0	3.83498	Y
3	STD5 460-830341/5	10.0	32.505419	1000.0	173448.0	3.250542	Y
4	STD20 460-830341/6	40.0	153.140192	1000.0	186979.0	3.828505	Y
5	STD50 460-830341/7	100.0	337.608436	1000.0	224556.0	3.376084	Y
6	STD200 460-830341/8	400.0	1006.881833	1000.0	271294.0	2.517205	Y
7	STD500 460-830341/9	1000.0	2667.04659	1000.0	299183.0	2.667047	Y



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

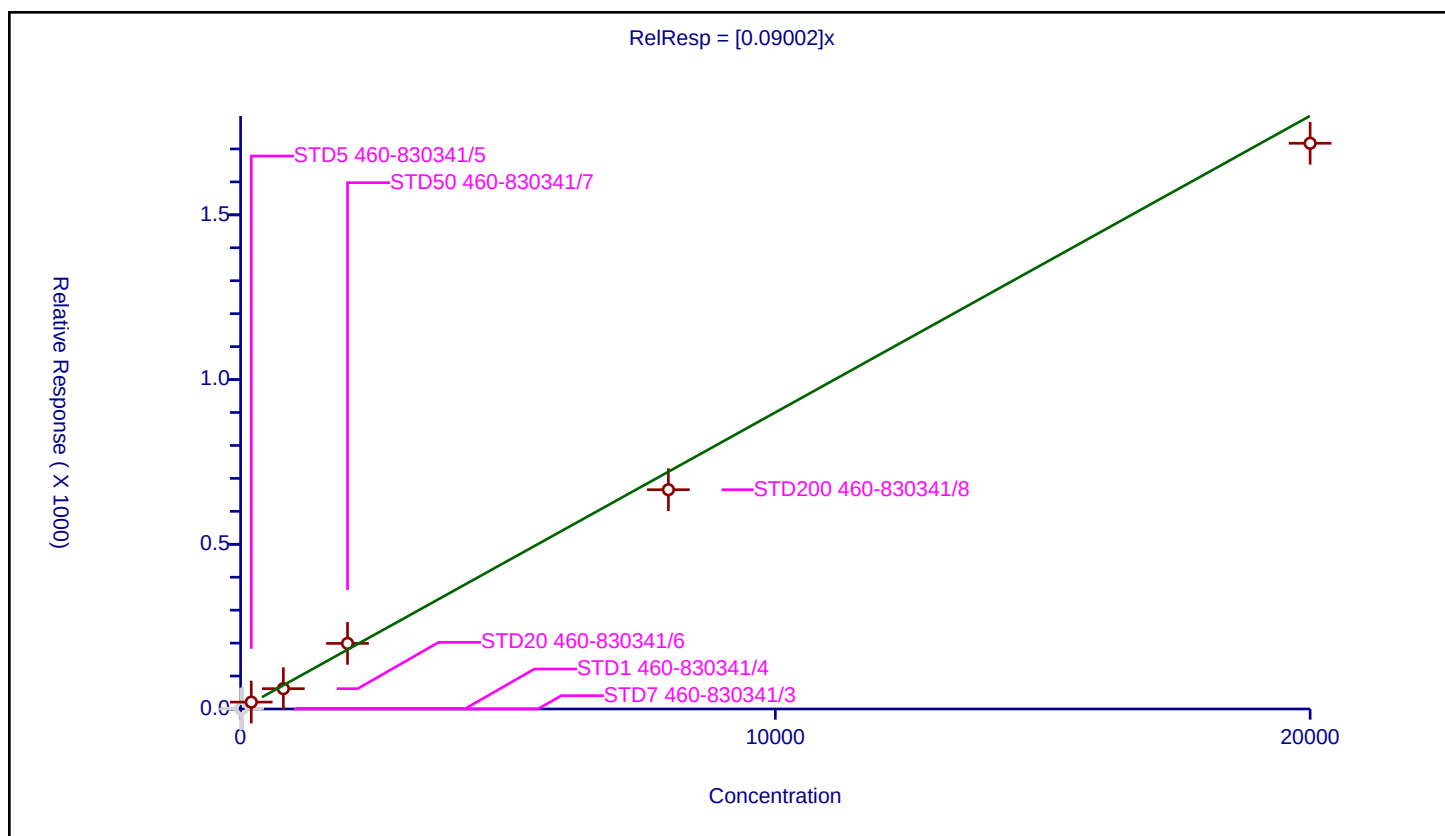
Curve Coefficients

Intercept: 0
 Slope: 0.09002

Error Coefficients

Standard Error: 272000
 Relative Standard Error: 12.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	40.0	1.934817	1000.0	173143.0	0.04837	N
3	STD5 460-830341/5	200.0	20.888105	1000.0	173448.0	0.104441	Y
4	STD20 460-830341/6	800.0	61.637938	1000.0	186979.0	0.077047	Y
5	STD50 460-830341/7	2000.0	199.108463	1000.0	224556.0	0.099554	Y
6	STD200 460-830341/8	8000.0	665.650549	1000.0	271294.0	0.083206	Y
7	STD500 460-830341/9	20000.0	1717.260005	1000.0	299183.0	0.085863	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

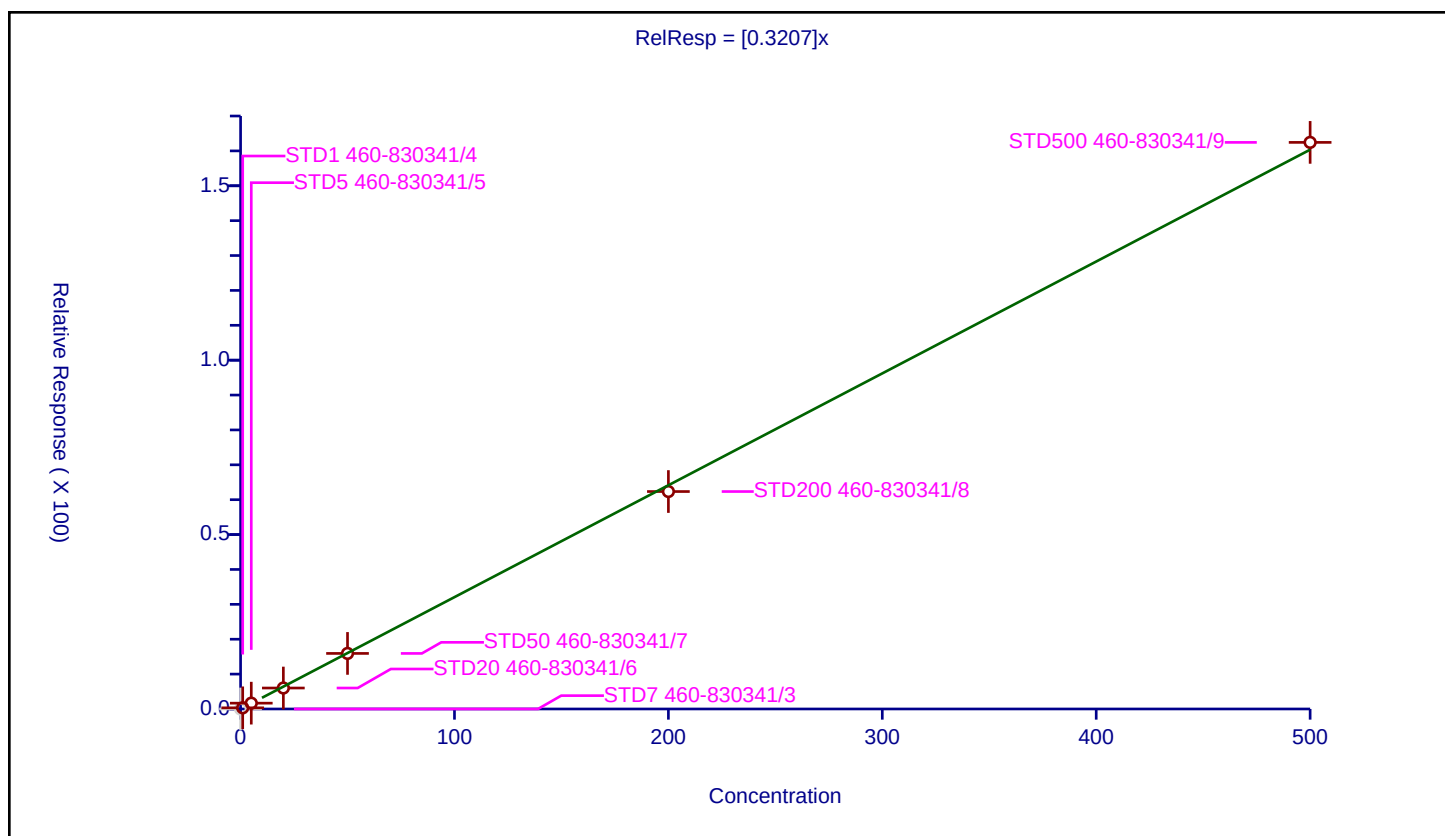
Curve Coefficients

Intercept: 0
Slope: 0.3207

Error Coefficients

Standard Error: 800000
Relative Standard Error: 4.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.334176	50.0	463229.0	0.334176	Y
3	STD5 460-830341/5	5.0	1.671009	50.0	450177.0	0.334202	Y
4	STD20 460-830341/6	20.0	6.013816	50.0	492757.0	0.300691	Y
5	STD50 460-830341/7	50.0	15.927521	50.0	505358.0	0.31855	Y
6	STD200 460-830341/8	200.0	62.341946	50.0	504179.0	0.31171	Y
7	STD500 460-830341/9	500.0	162.438096	50.0	512892.0	0.324876	Y



Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

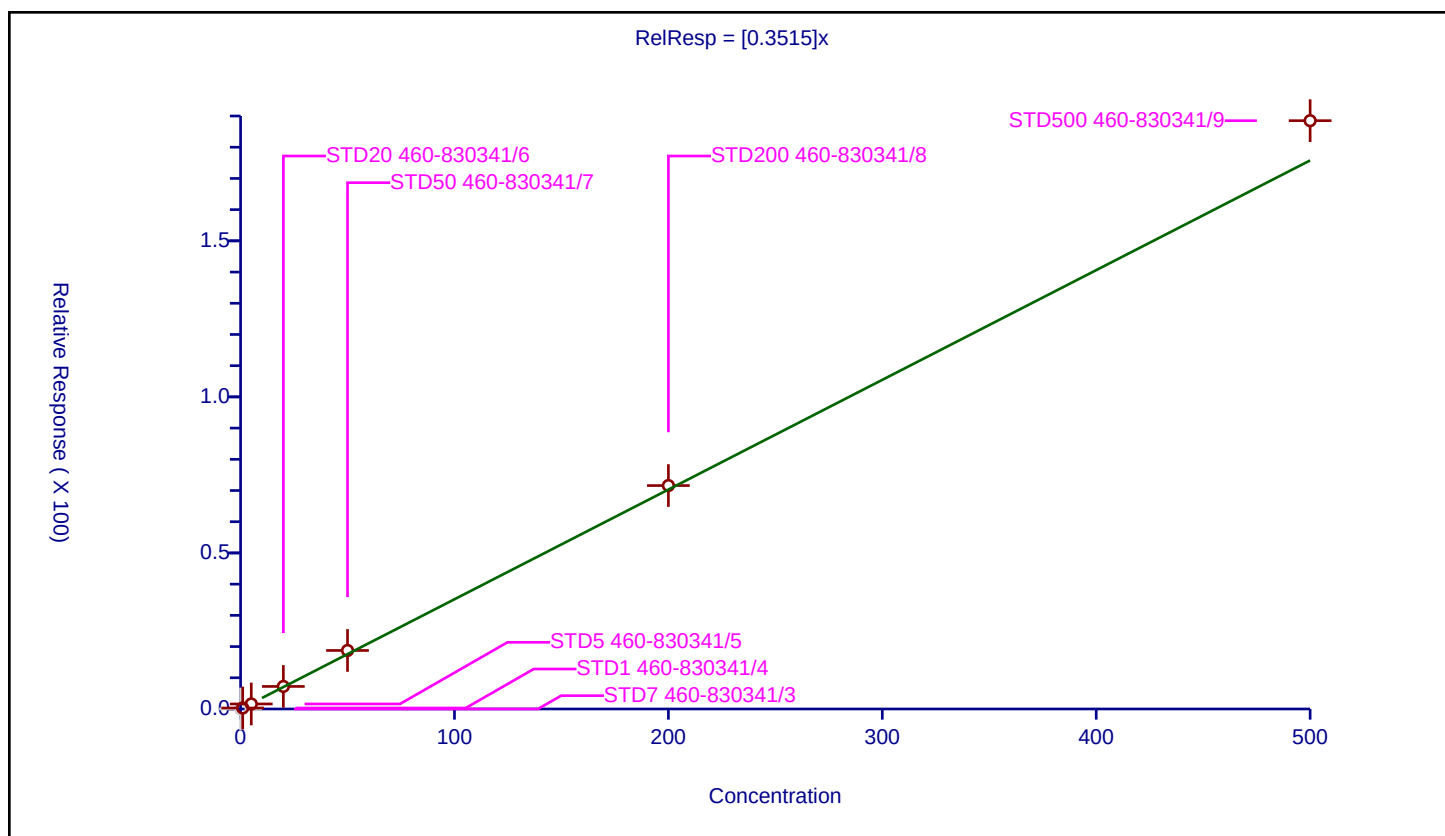
Curve Coefficients

Intercept: 0
 Slope: 0.3515

Error Coefficients

Standard Error: 927000
 Relative Standard Error: 7.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.315934	50.0	463229.0	0.315934	Y
3	STD5 460-830341/5	5.0	1.610478	50.0	450177.0	0.322096	Y
4	STD20 460-830341/6	20.0	7.222728	50.0	492757.0	0.361136	Y
5	STD50 460-830341/7	50.0	18.754032	50.0	505358.0	0.375081	Y
6	STD200 460-830341/8	200.0	71.591835	50.0	504179.0	0.357959	Y
7	STD500 460-830341/9	500.0	188.503135	50.0	512892.0	0.377006	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

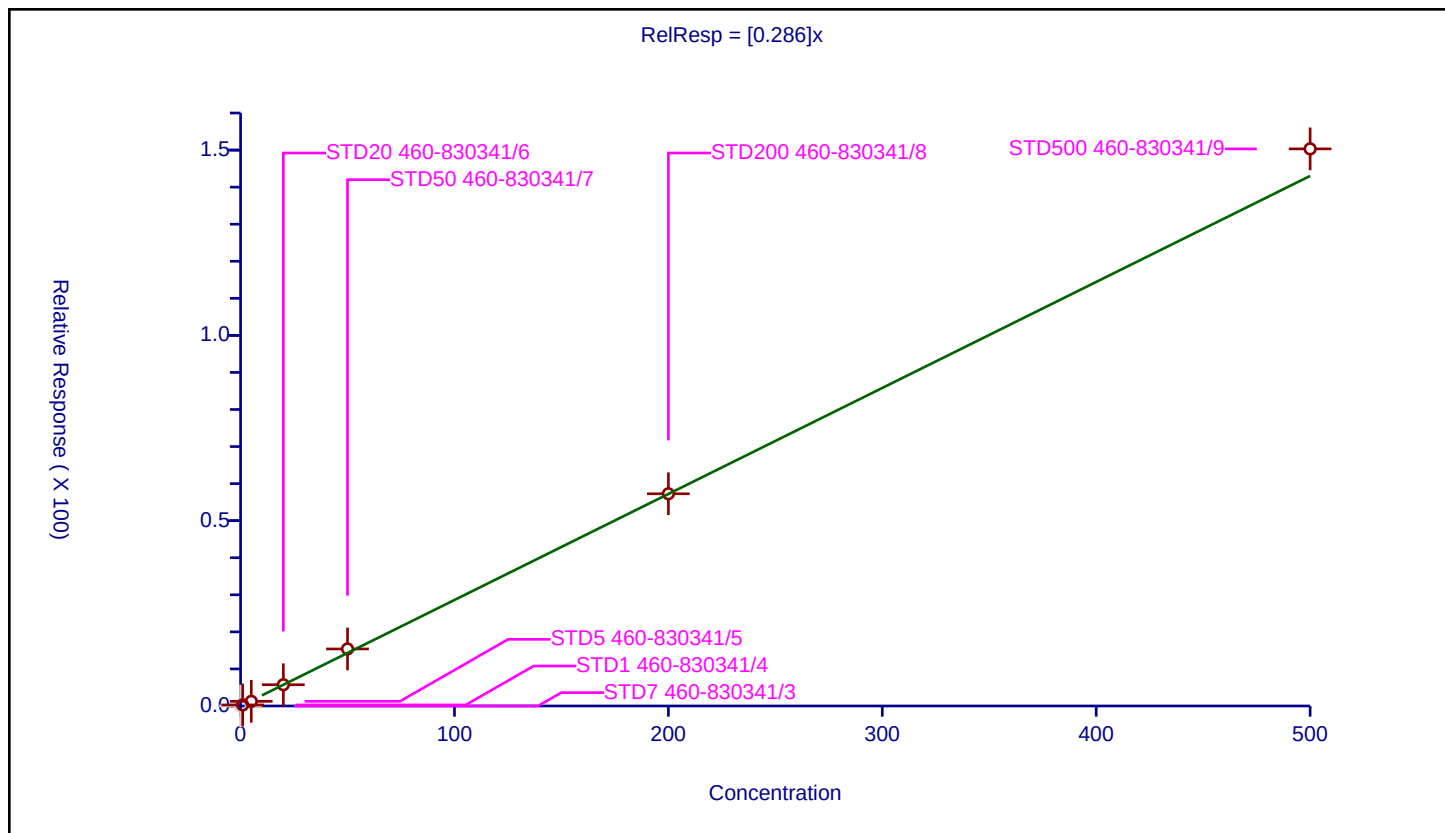
Curve Coefficients

Intercept: 0
 Slope: 0.286

Error Coefficients

Standard Error: 740000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.283877	50.0	463229.0	0.283877	Y
3	STD5 460-830341/5	5.0	1.254507	50.0	450177.0	0.250901	Y
4	STD20 460-830341/6	20.0	5.735484	50.0	492757.0	0.286774	Y
5	STD50 460-830341/7	50.0	15.387705	50.0	505358.0	0.307754	Y
6	STD200 460-830341/8	200.0	57.262004	50.0	504179.0	0.28631	Y
7	STD500 460-830341/9	500.0	150.323167	50.0	512892.0	0.300646	Y



Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

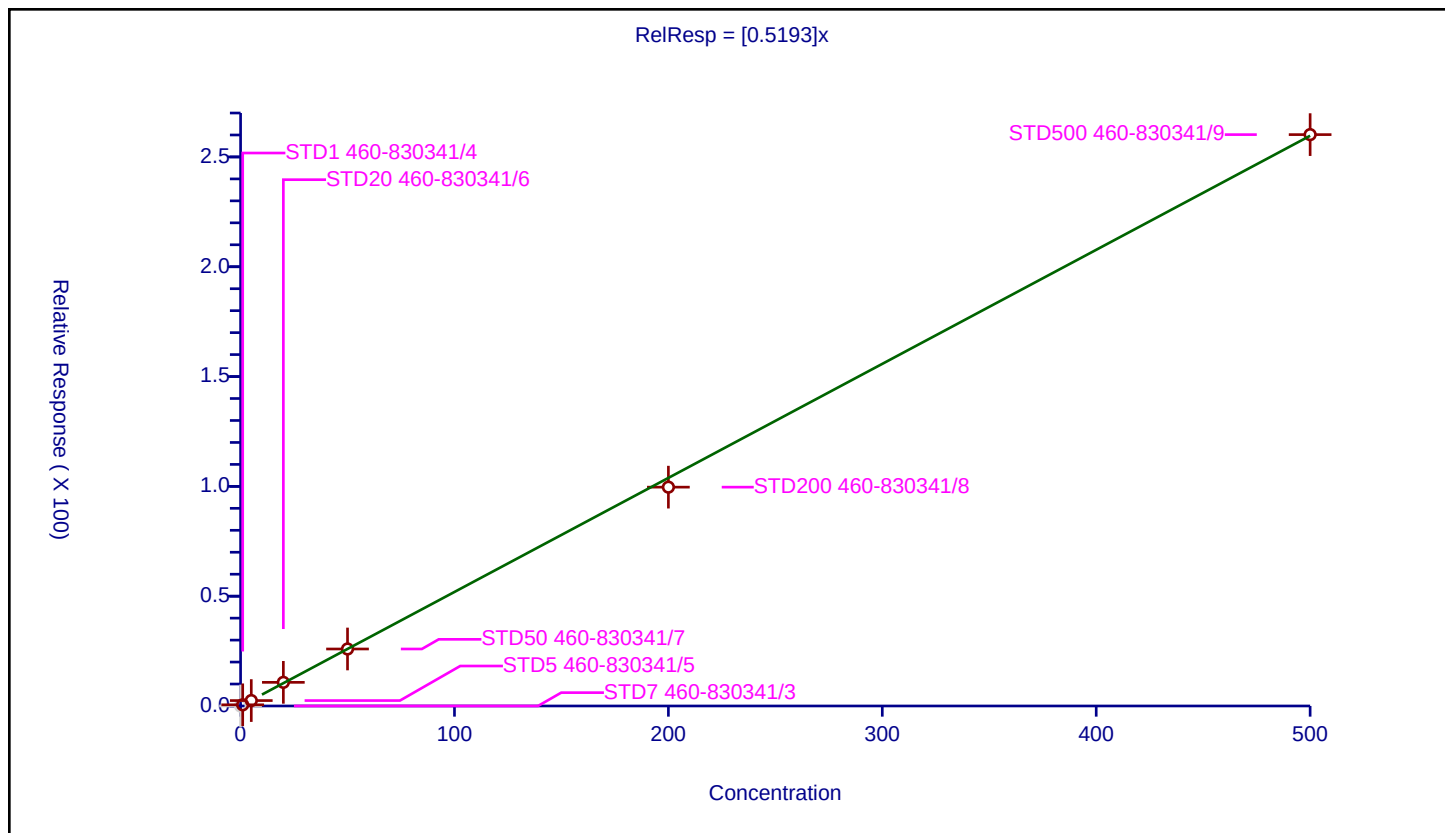
Curve Coefficients

Intercept: 0
 Slope: 0.5193

Error Coefficients

Standard Error: 1280000
 Relative Standard Error: 3.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.545087	50.0	463229.0	0.545087	Y
3	STD5 460-830341/5	5.0	2.472694	50.0	450177.0	0.494539	Y
4	STD20 460-830341/6	20.0	10.767681	50.0	492757.0	0.538384	Y
5	STD50 460-830341/7	50.0	25.954967	50.0	505358.0	0.519099	Y
6	STD200 460-830341/8	200.0	99.641298	50.0	504179.0	0.498206	Y
7	STD500 460-830341/9	500.0	260.164908	50.0	512892.0	0.52033	Y



Calibration

/ Acrolein

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

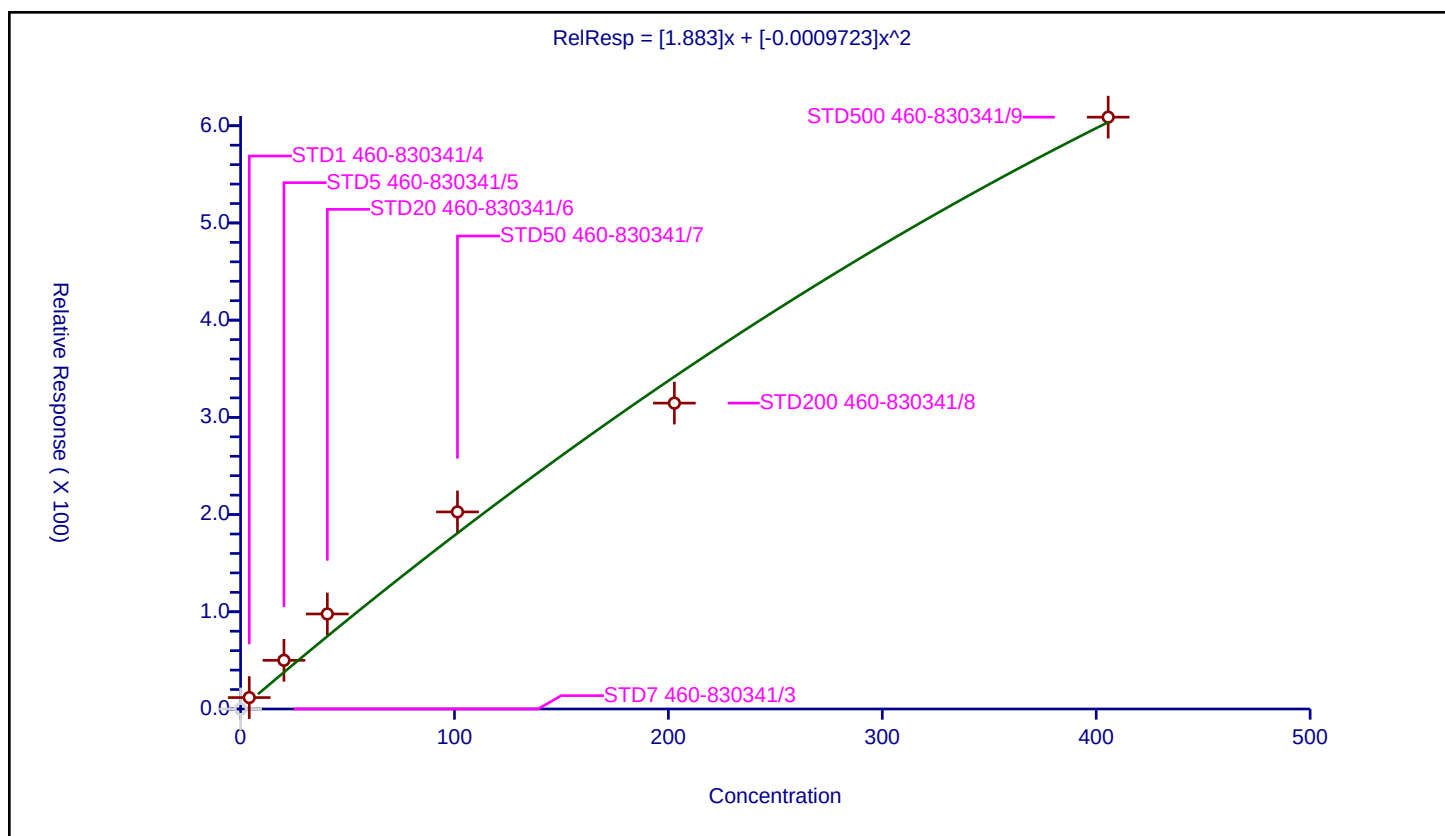
Curve Coefficients

Intercept: 0
Slope: 1.883
Second Order: -0.0009723

Error Coefficients

Standard Error: 103000
Relative Standard Error: 36.4
Correlation Coefficient: 0.990
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	4.056	11.759066	1000.0	173143.0	2.899178	Y
3	STD5 460-830341/5	20.28	50.084175	1000.0	173448.0	2.469634	Y
4	STD20 460-830341/6	40.56	97.754293	1000.0	186979.0	2.410116	Y
5	STD50 460-830341/7	101.4	202.746754	1000.0	224556.0	1.999475	Y
6	STD200 460-830341/8	202.8	314.651264	1000.0	271294.0	1.551535	Y
7	STD500 460-830341/9	405.6	608.814672	1000.0	299183.0	1.501022	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

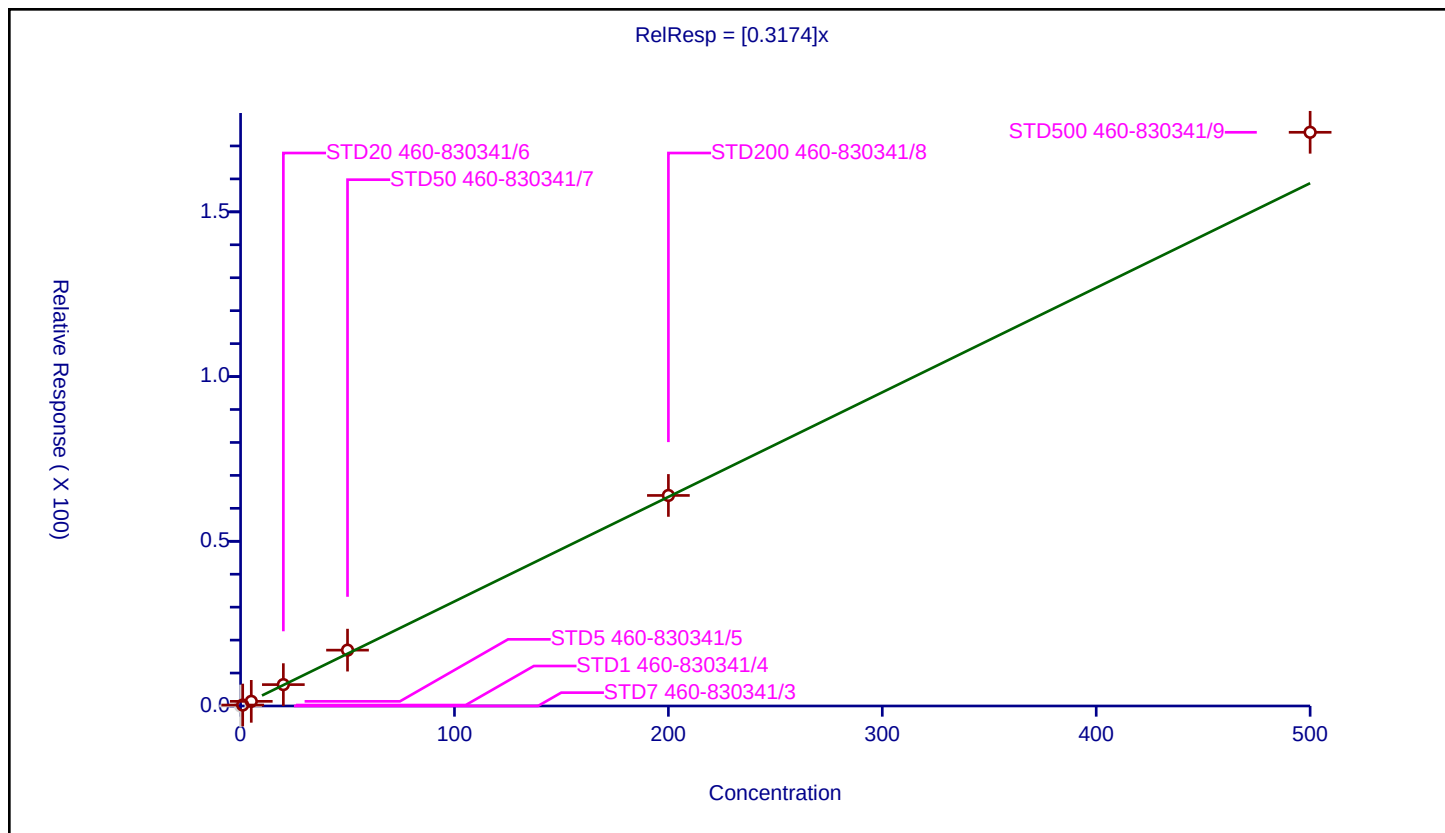
Curve Coefficients

Intercept: 0
 Slope: 0.3174

Error Coefficients

Standard Error: 853000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.289921	50.0	463229.0	0.289921	Y
3	STD5 460-830341/5	5.0	1.415776	50.0	450177.0	0.283155	Y
4	STD20 460-830341/6	20.0	6.487376	50.0	492757.0	0.324369	Y
5	STD50 460-830341/7	50.0	16.950855	50.0	505358.0	0.339017	Y
6	STD200 460-830341/8	200.0	63.91599	50.0	504179.0	0.31958	Y
7	STD500 460-830341/9	500.0	174.146799	50.0	512892.0	0.348294	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

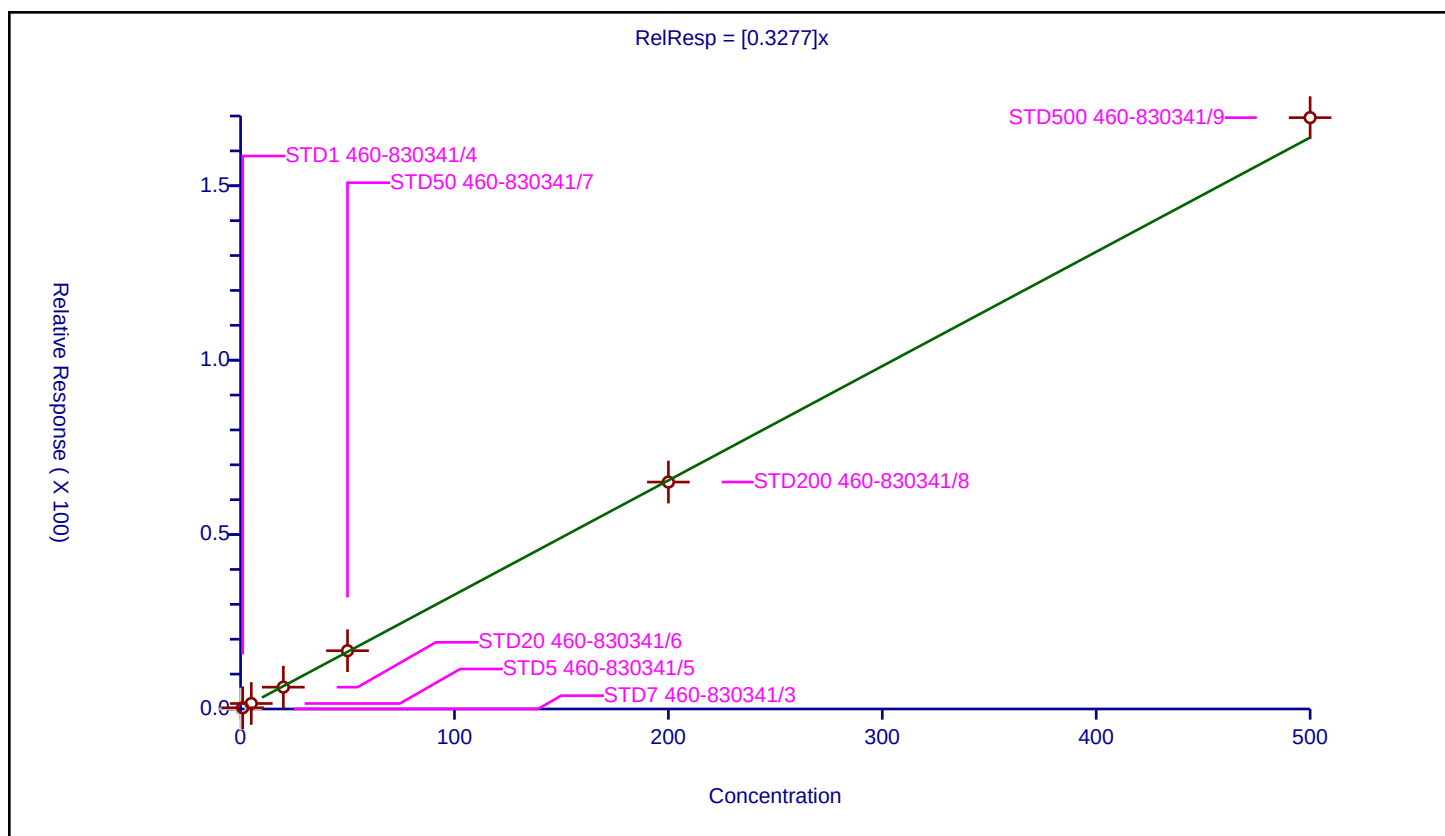
Curve Coefficients

Intercept: 0
 Slope: 0.3277

Error Coefficients

Standard Error: 835000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.339681	50.0	463229.0	0.339681	Y
3	STD5 460-830341/5	5.0	1.573936	50.0	450177.0	0.314787	Y
4	STD20 460-830341/6	20.0	6.259475	50.0	492757.0	0.312974	Y
5	STD50 460-830341/7	50.0	16.70964	50.0	505358.0	0.334193	Y
6	STD200 460-830341/8	200.0	65.05269	50.0	504179.0	0.325263	Y
7	STD500 460-830341/9	500.0	169.533547	50.0	512892.0	0.339067	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

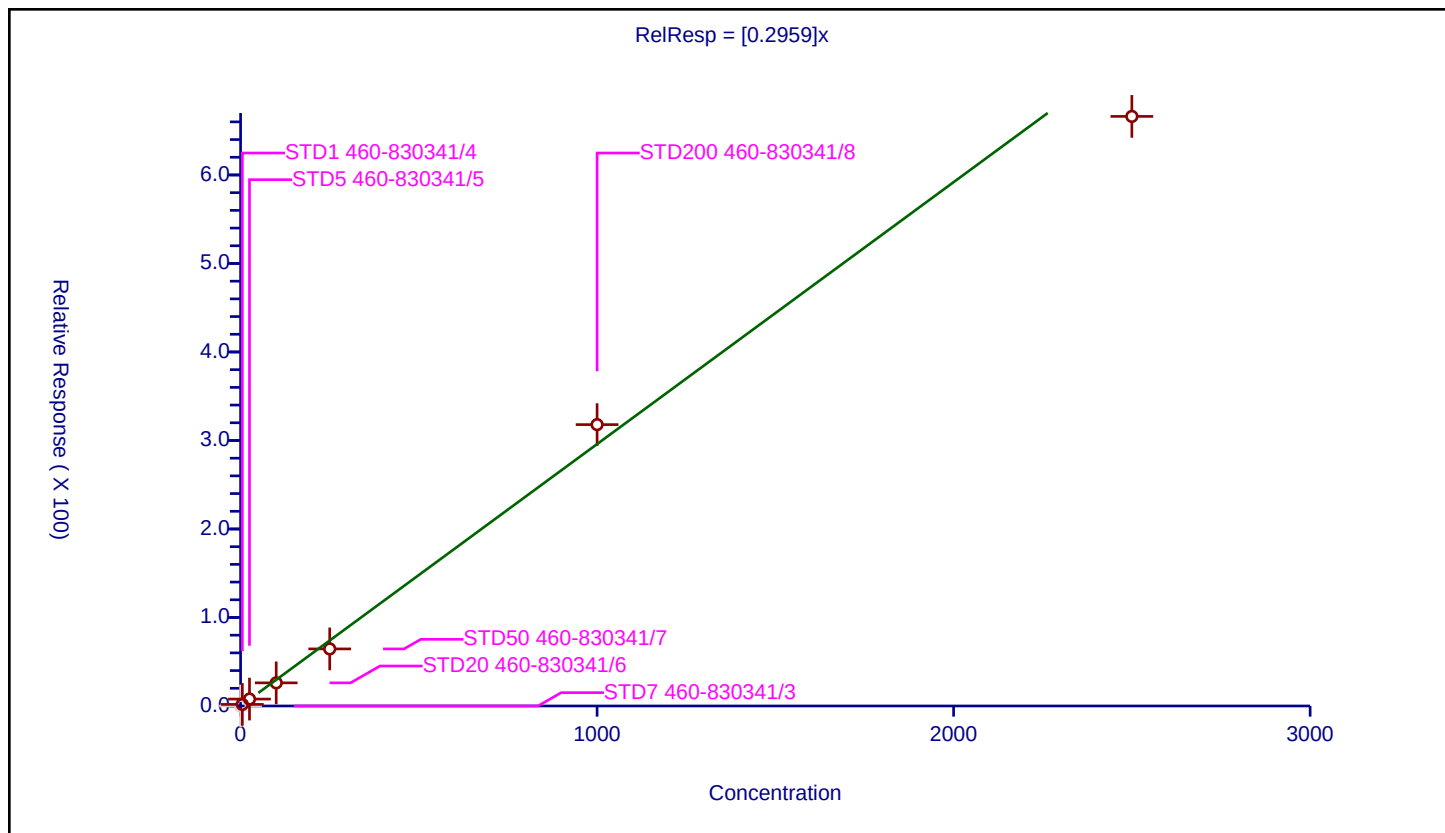
Curve Coefficients

Intercept: 0
 Slope: 0.2959

Error Coefficients

Standard Error: 504000
 Relative Standard Error: 13.7
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	250.0	327789.0	NaN	N
2	STD1 460-830341/4	5.0	1.794025	250.0	330681.0	0.358805	Y
3	STD5 460-830341/5	25.0	7.830644	250.0	329826.0	0.313226	Y
4	STD20 460-830341/6	100.0	26.125096	250.0	352592.0	0.261251	Y
5	STD50 460-830341/7	250.0	64.480612	250.0	357844.0	0.257922	Y
6	STD200 460-830341/8	1000.0	317.921144	250.0	362435.0	0.317921	Y
7	STD500 460-830341/9	2500.0	666.158322	250.0	384090.0	0.266463	Y



Calibration

/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

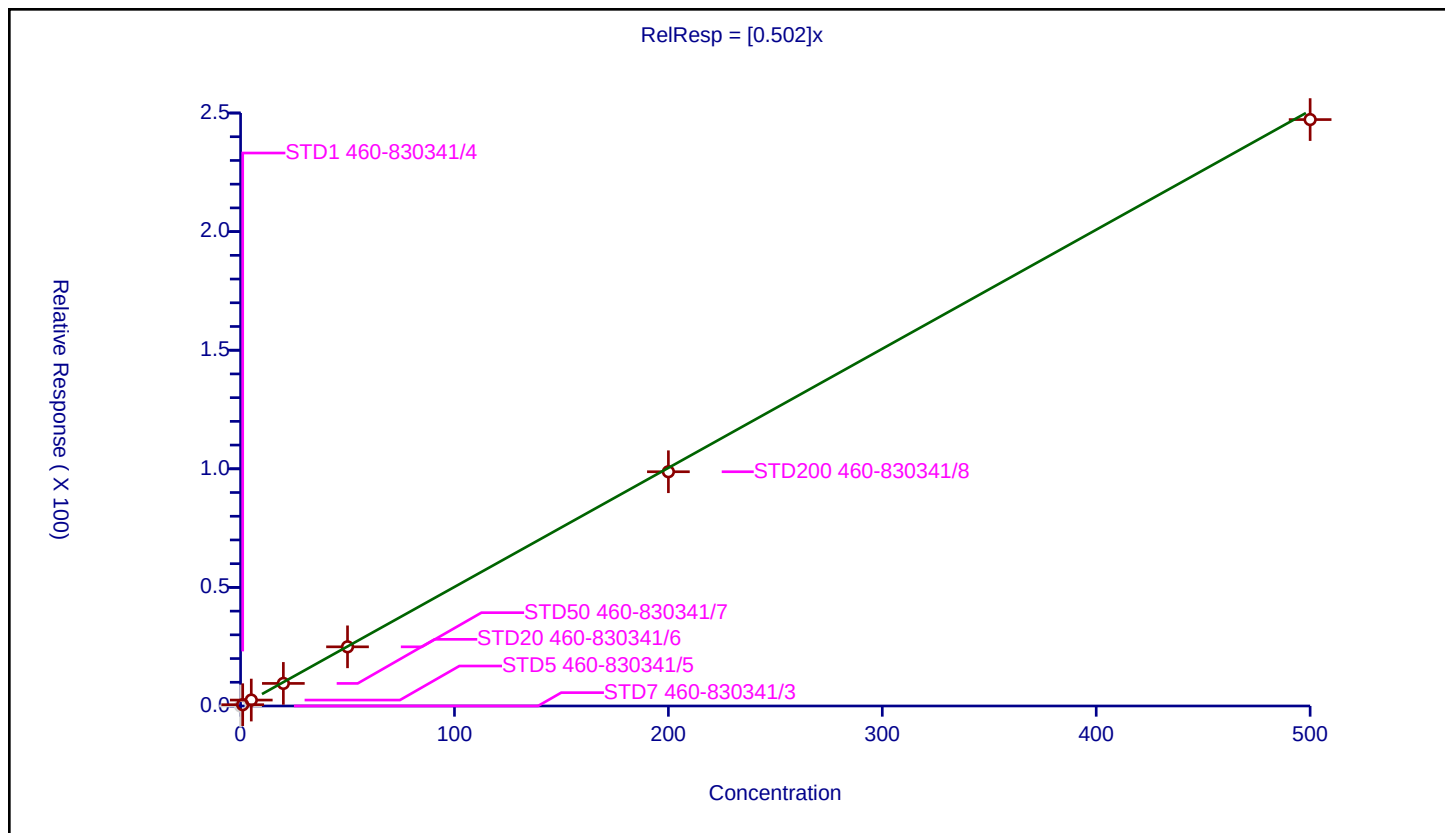
Curve Coefficients

Intercept: 0
 Slope: 0.502

Error Coefficients

Standard Error: 1220000
 Relative Standard Error: 4.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.548973	50.0	463229.0	0.548973	Y
3	STD5 460-830341/5	5.0	2.501016	50.0	450177.0	0.500203	Y
4	STD20 460-830341/6	20.0	9.512498	50.0	492757.0	0.475625	Y
5	STD50 460-830341/7	50.0	24.941527	50.0	505358.0	0.498831	Y
6	STD200 460-830341/8	200.0	98.765419	50.0	504179.0	0.493827	Y
7	STD500 460-830341/9	500.0	247.237528	50.0	512892.0	0.494475	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

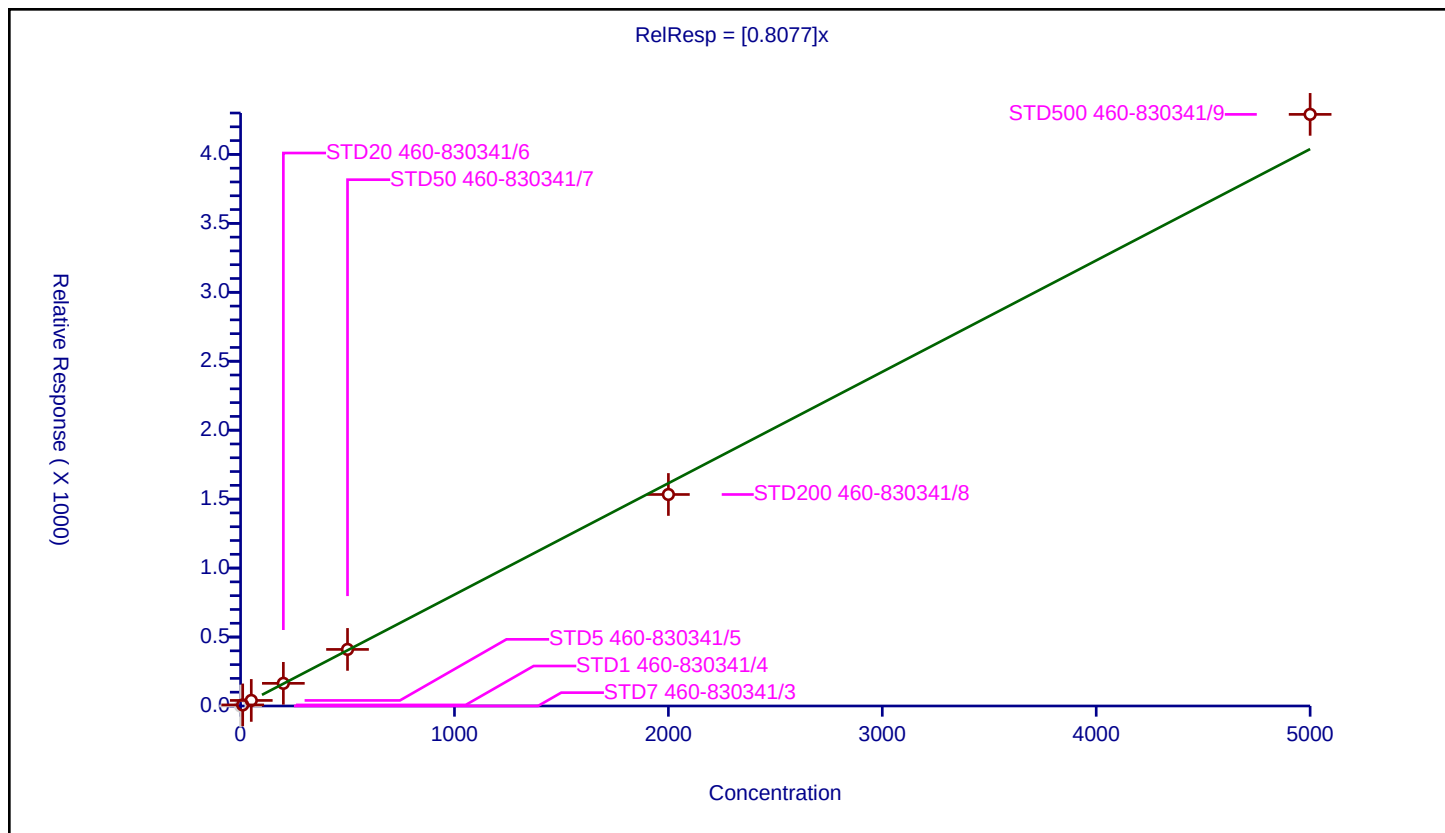
Curve Coefficients

Intercept: 0
 Slope: 0.8077

Error Coefficients

Standard Error: 603000
 Relative Standard Error: 4.2
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	10.0	7.733492	1000.0	173143.0	0.773349	Y
3	STD5 460-830341/5	50.0	40.323325	1000.0	173448.0	0.806466	Y
4	STD20 460-830341/6	200.0	164.232347	1000.0	186979.0	0.821162	Y
5	STD50 460-830341/7	500.0	410.151588	1000.0	224556.0	0.820303	Y
6	STD200 460-830341/8	2000.0	1533.837829	1000.0	271294.0	0.766919	Y
7	STD500 460-830341/9	5000.0	4290.190285	1000.0	299183.0	0.858038	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

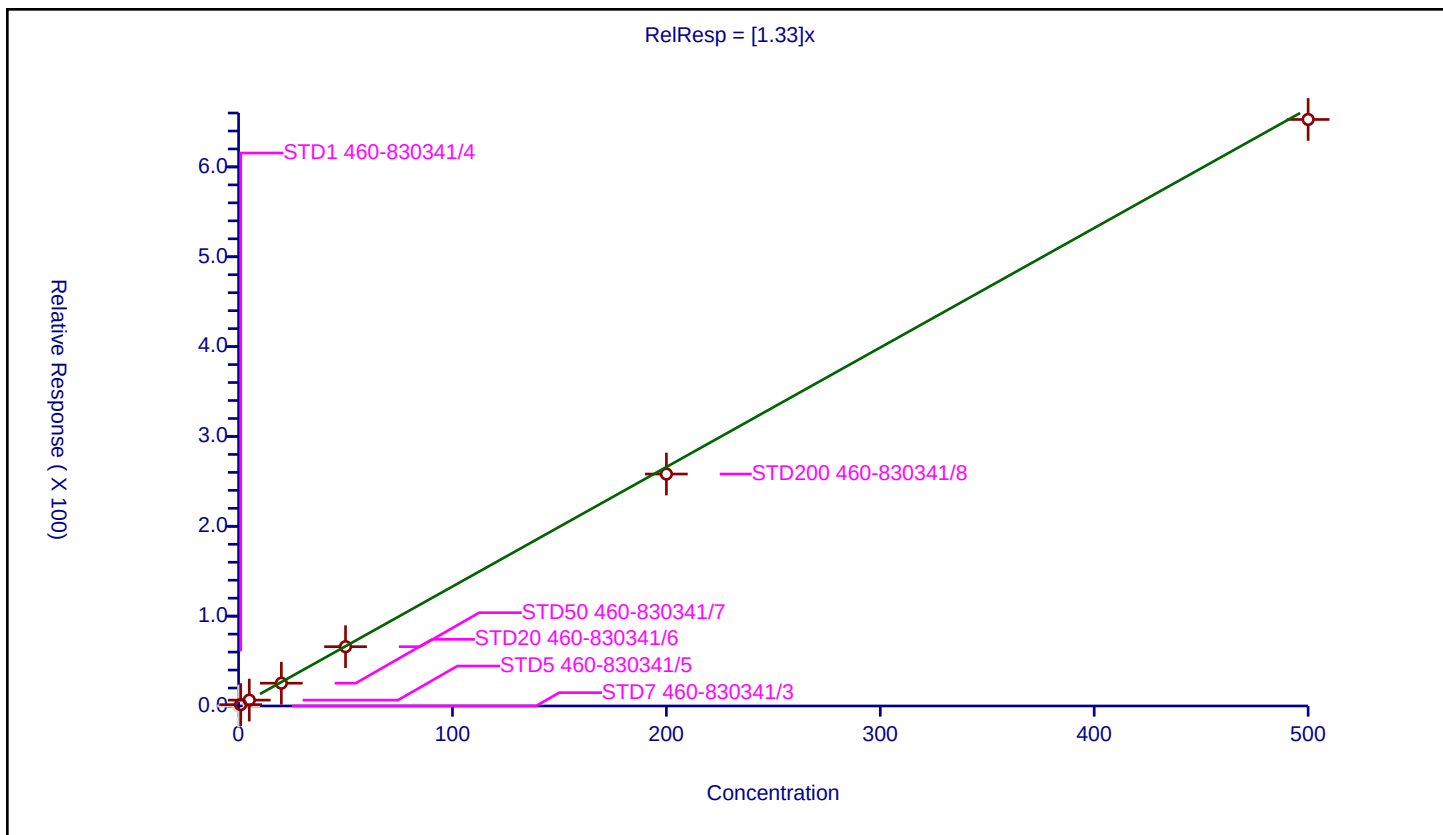
Curve Coefficients

Intercept: 0
 Slope: 1.33

Error Coefficients

Standard Error: 3230000
 Relative Standard Error: 5.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	1.487061	50.0	463229.0	1.487061	Y
3	STD5 460-830341/5	5.0	6.537984	50.0	450177.0	1.307597	Y
4	STD20 460-830341/6	20.0	25.361486	50.0	492757.0	1.268074	Y
5	STD50 460-830341/7	50.0	66.022206	50.0	505358.0	1.320444	Y
6	STD200 460-830341/8	200.0	258.166346	50.0	504179.0	1.290832	Y
7	STD500 460-830341/9	500.0	652.825644	50.0	512892.0	1.305651	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

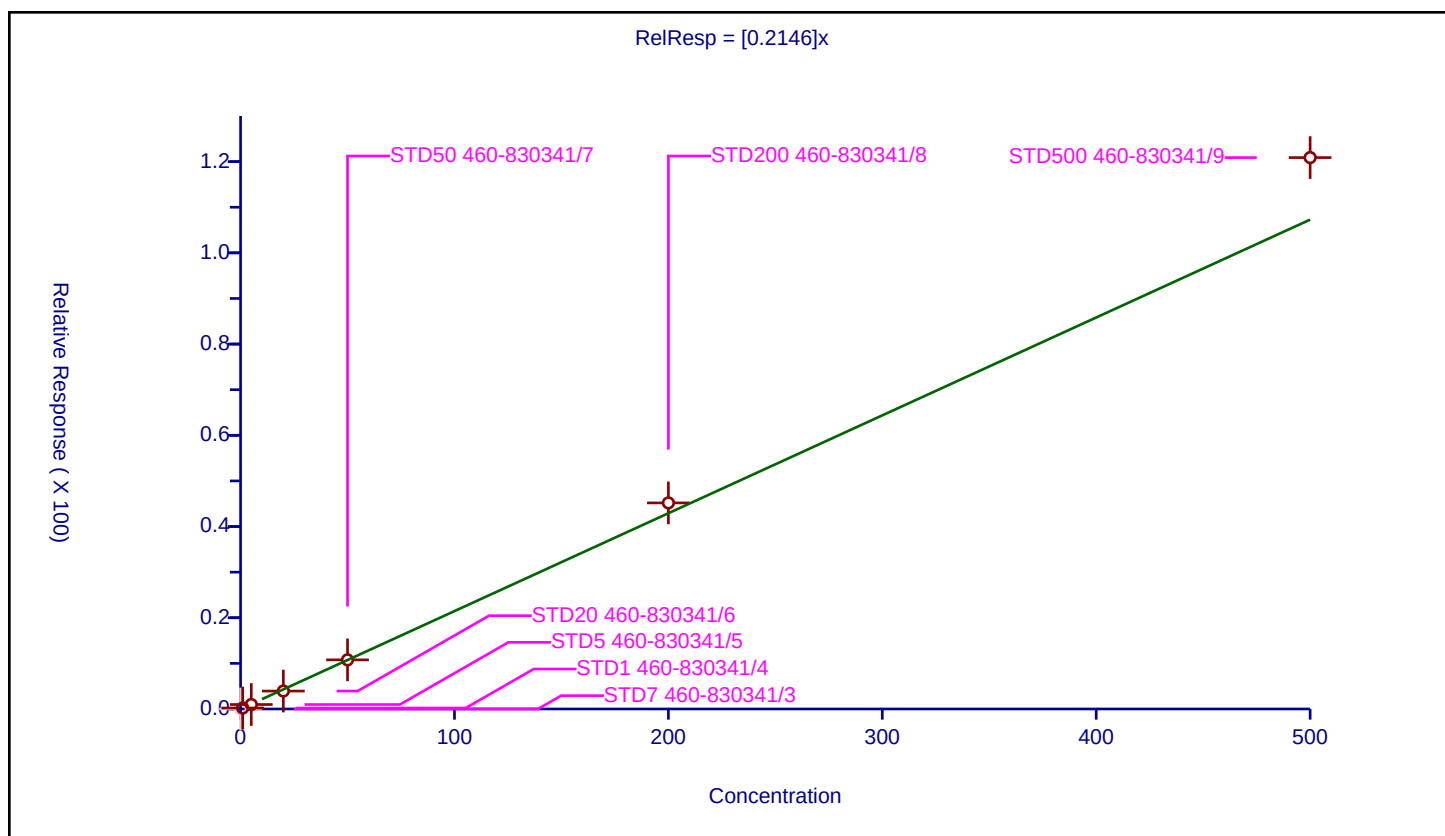
Curve Coefficients

Intercept: 0
 Slope: 0.2146

Error Coefficients

Standard Error: 593000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.211666	50.0	463229.0	0.211666	Y
3	STD5 460-830341/5	5.0	0.980281	50.0	450177.0	0.196056	Y
4	STD20 460-830341/6	20.0	3.930639	50.0	492757.0	0.196532	Y
5	STD50 460-830341/7	50.0	10.772264	50.0	505358.0	0.215445	Y
6	STD200 460-830341/8	200.0	45.184448	50.0	504179.0	0.225922	Y
7	STD500 460-830341/9	500.0	120.884319	50.0	512892.0	0.241769	Y



Calibration

/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

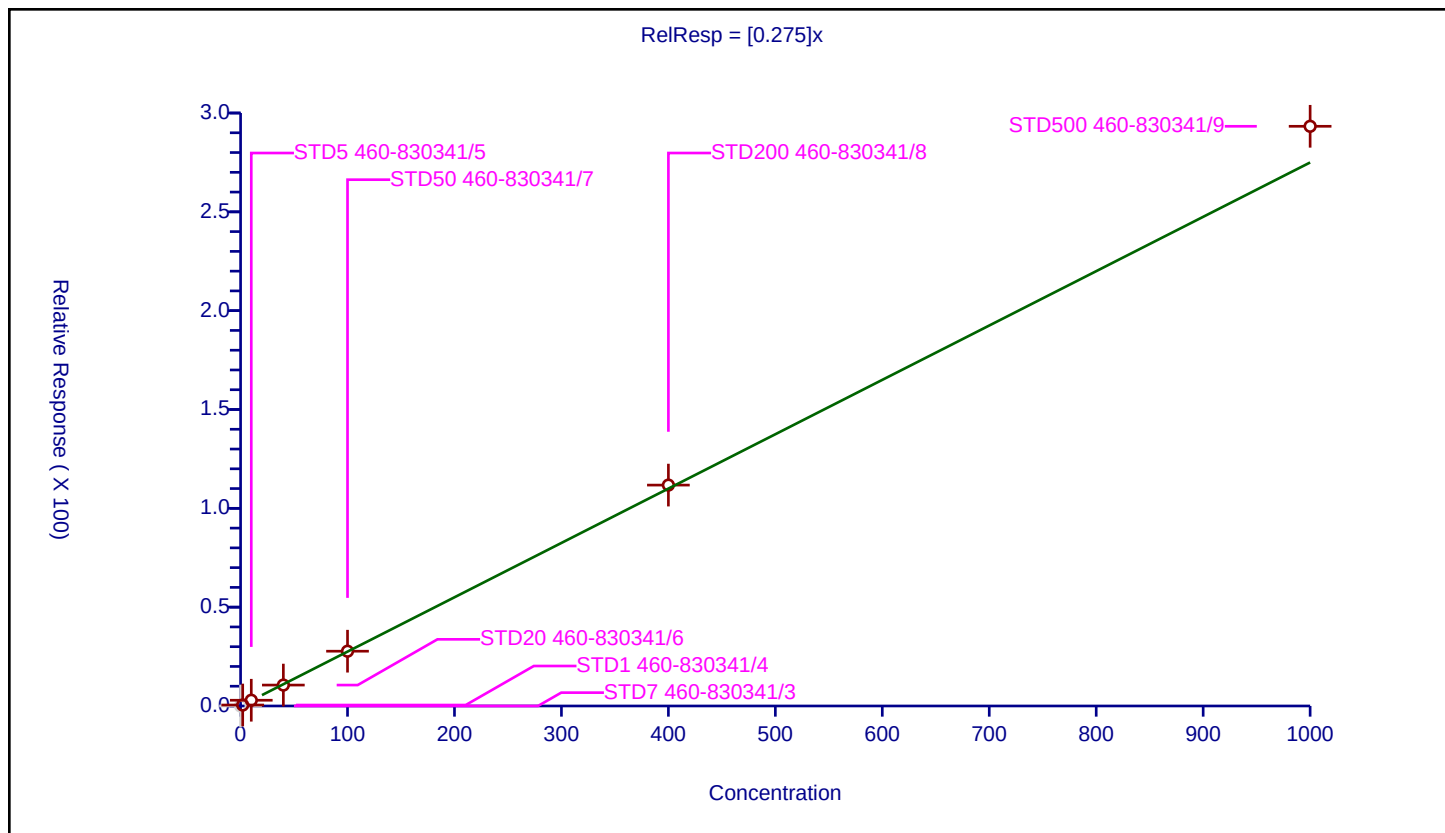
Curve Coefficients

Intercept: 0
 Slope: 0.275

Error Coefficients

Standard Error: 1440000
 Relative Standard Error: 6.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	2.0	0.488635	50.0	463229.0	0.244318	Y
3	STD5 460-830341/5	10.0	2.91141	50.0	450177.0	0.291141	Y
4	STD20 460-830341/6	40.0	10.581788	50.0	492757.0	0.264545	Y
5	STD50 460-830341/7	100.0	27.717677	50.0	505358.0	0.277177	Y
6	STD200 460-830341/8	400.0	111.758423	50.0	504179.0	0.279396	Y
7	STD500 460-830341/9	1000.0	293.284356	50.0	512892.0	0.293284	Y



Calibration

/ Cyclopentene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

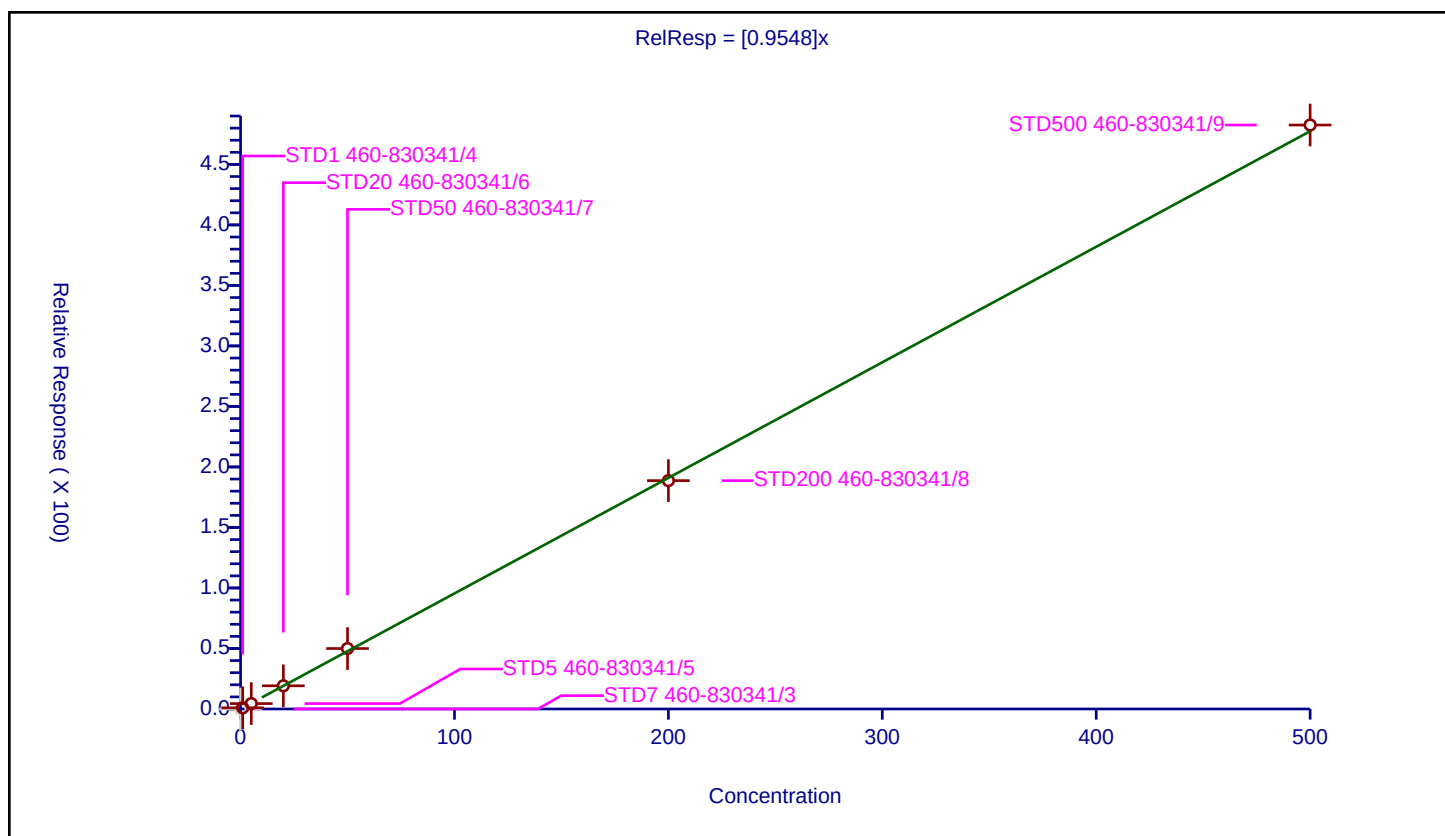
Curve Coefficients

Intercept: 0
 Slope: 0.9548

Error Coefficients

Standard Error: 2380000
 Relative Standard Error: 3.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.968743	50.0	463229.0	0.968743	Y
3	STD5 460-830341/5	5.0	4.469353	50.0	450177.0	0.893871	Y
4	STD20 460-830341/6	20.0	19.167155	50.0	492757.0	0.958358	Y
5	STD50 460-830341/7	50.0	49.966459	50.0	505358.0	0.999329	Y
6	STD200 460-830341/8	200.0	188.707086	50.0	504179.0	0.943535	Y
7	STD500 460-830341/9	500.0	482.544473	50.0	512892.0	0.965089	Y



Calibration

/ Acetonitrile

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

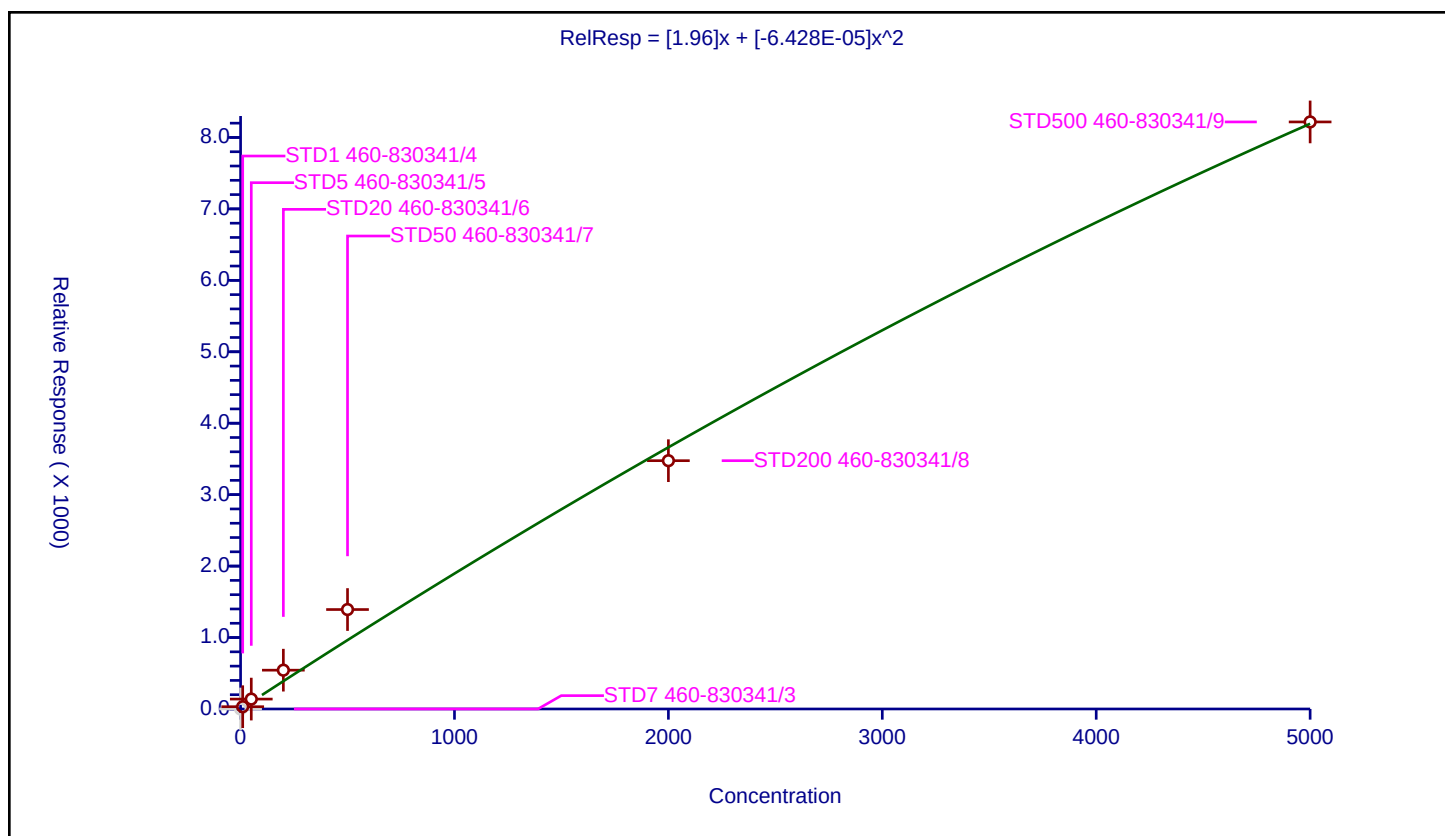
Curve Coefficients

Intercept: 0
Slope: 1.96
Second Order: -6.428E-05

Error Coefficients

Standard Error: 1320000
Relative Standard Error: 48.5
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	10.0	31.898489	1000.0	173143.0	3.189849	Y
3	STD5 460-830341/5	50.0	138.658272	1000.0	173448.0	2.773165	Y
4	STD20 460-830341/6	200.0	543.162601	1000.0	186979.0	2.715813	Y
5	STD50 460-830341/7	500.0	1391.960135	1000.0	224556.0	2.78392	Y
6	STD200 460-830341/8	2000.0	3475.484161	1000.0	271294.0	1.737742	Y
7	STD500 460-830341/9	5000.0	8217.201512	1000.0	299183.0	1.64344	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

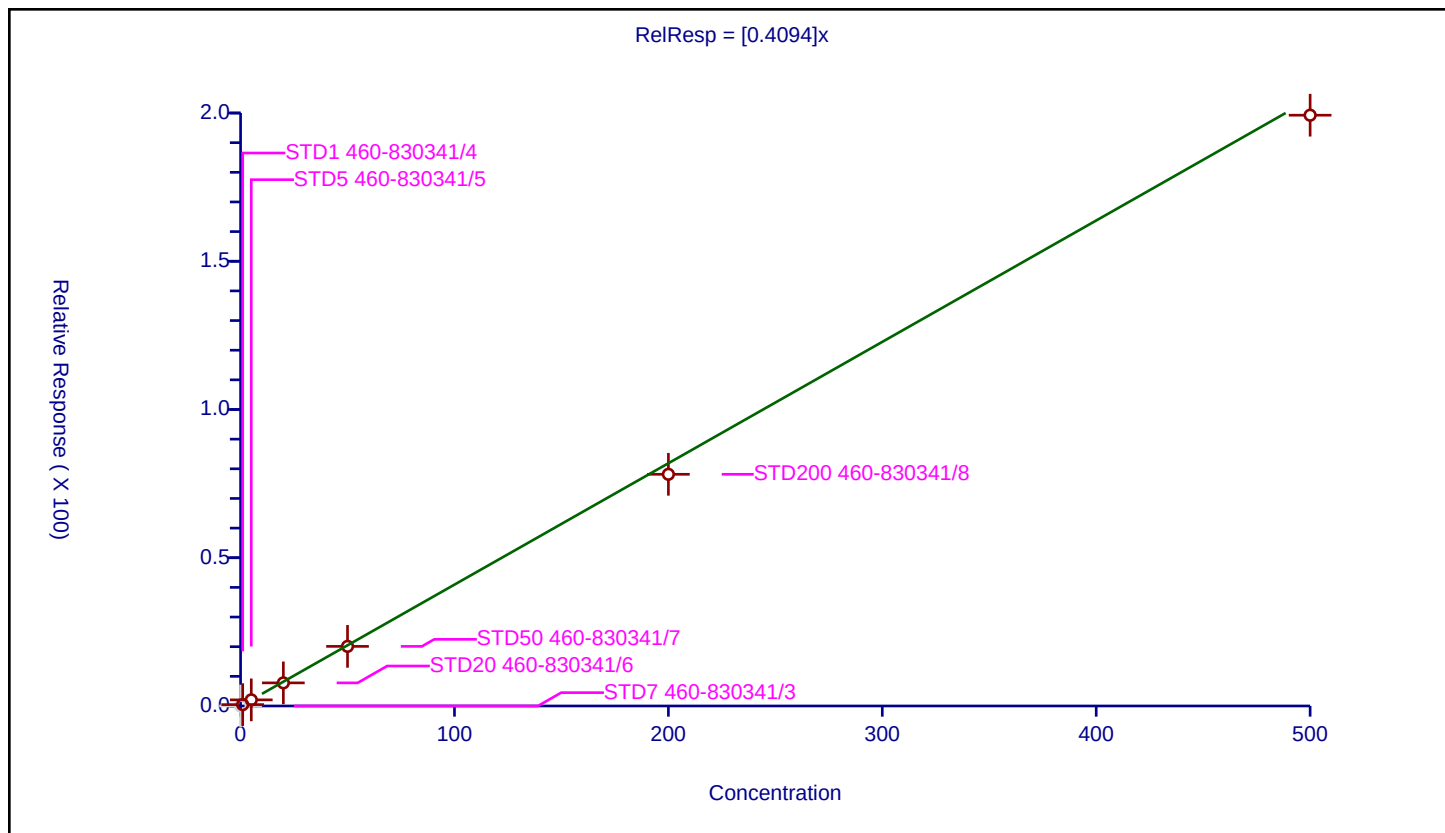
Curve Coefficients

Intercept: 0
 Slope: 0.4094

Error Coefficients

Standard Error: 984000
 Relative Standard Error: 6.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.462082	50.0	463229.0	0.462082	Y
3	STD5 460-830341/5	5.0	2.064632	50.0	450177.0	0.412926	Y
4	STD20 460-830341/6	20.0	7.795323	50.0	492757.0	0.389766	Y
5	STD50 460-830341/7	50.0	20.107231	50.0	505358.0	0.402145	Y
6	STD200 460-830341/8	200.0	78.143774	50.0	504179.0	0.390719	Y
7	STD500 460-830341/9	500.0	199.26583	50.0	512892.0	0.398532	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

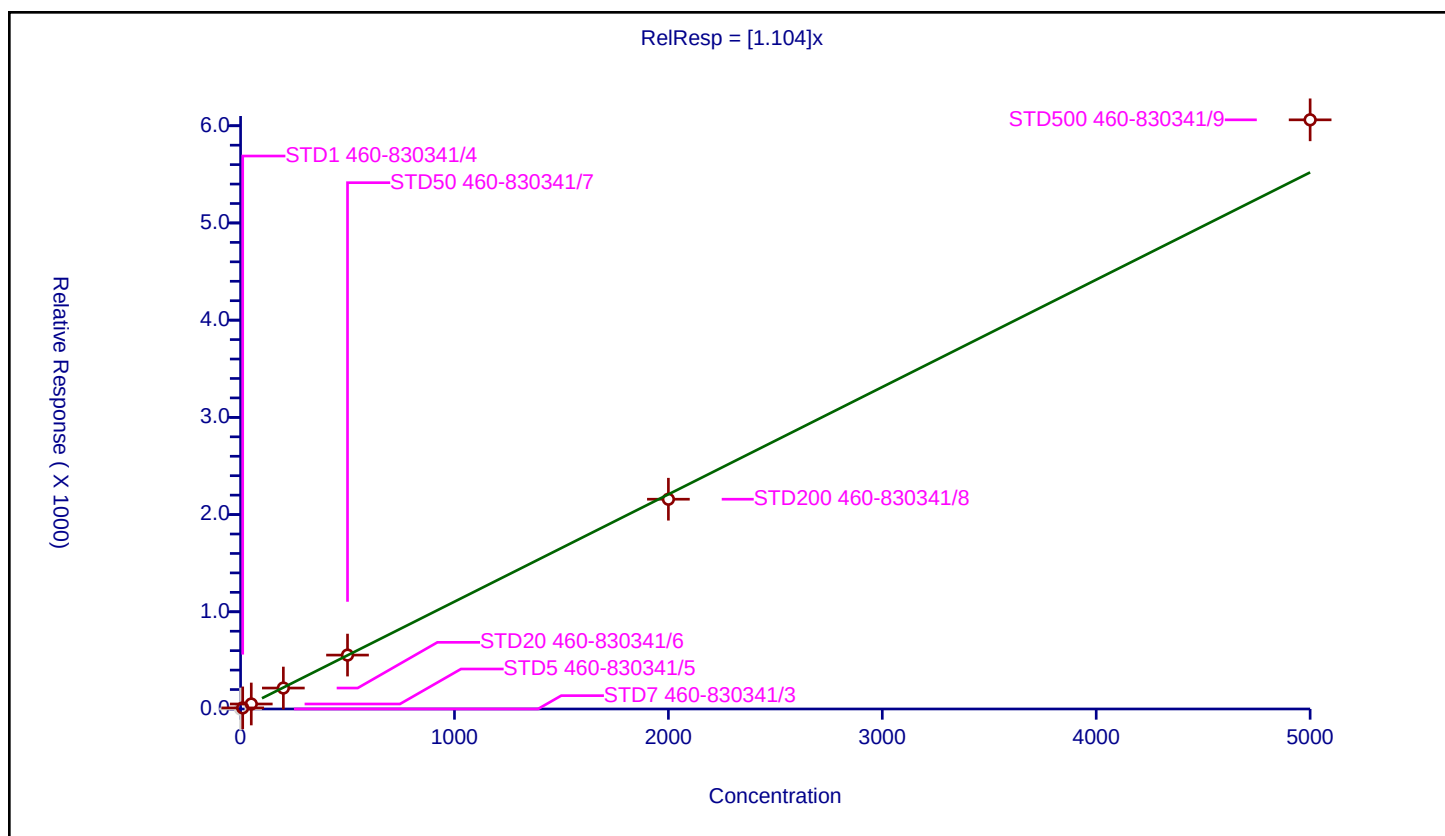
Curve Coefficients

Intercept: 0
 Slope: 1.104

Error Coefficients

Standard Error: 851000
 Relative Standard Error: 5.6
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	10.0	11.187284	1000.0	173143.0	1.118728	Y
3	STD5 460-830341/5	50.0	51.364098	1000.0	173448.0	1.027282	Y
4	STD20 460-830341/6	200.0	215.585707	1000.0	186979.0	1.077929	Y
5	STD50 460-830341/7	500.0	554.565454	1000.0	224556.0	1.109131	Y
6	STD200 460-830341/8	2000.0	2157.828776	1000.0	271294.0	1.078914	Y
7	STD500 460-830341/9	5000.0	6060.665212	1000.0	299183.0	1.212133	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

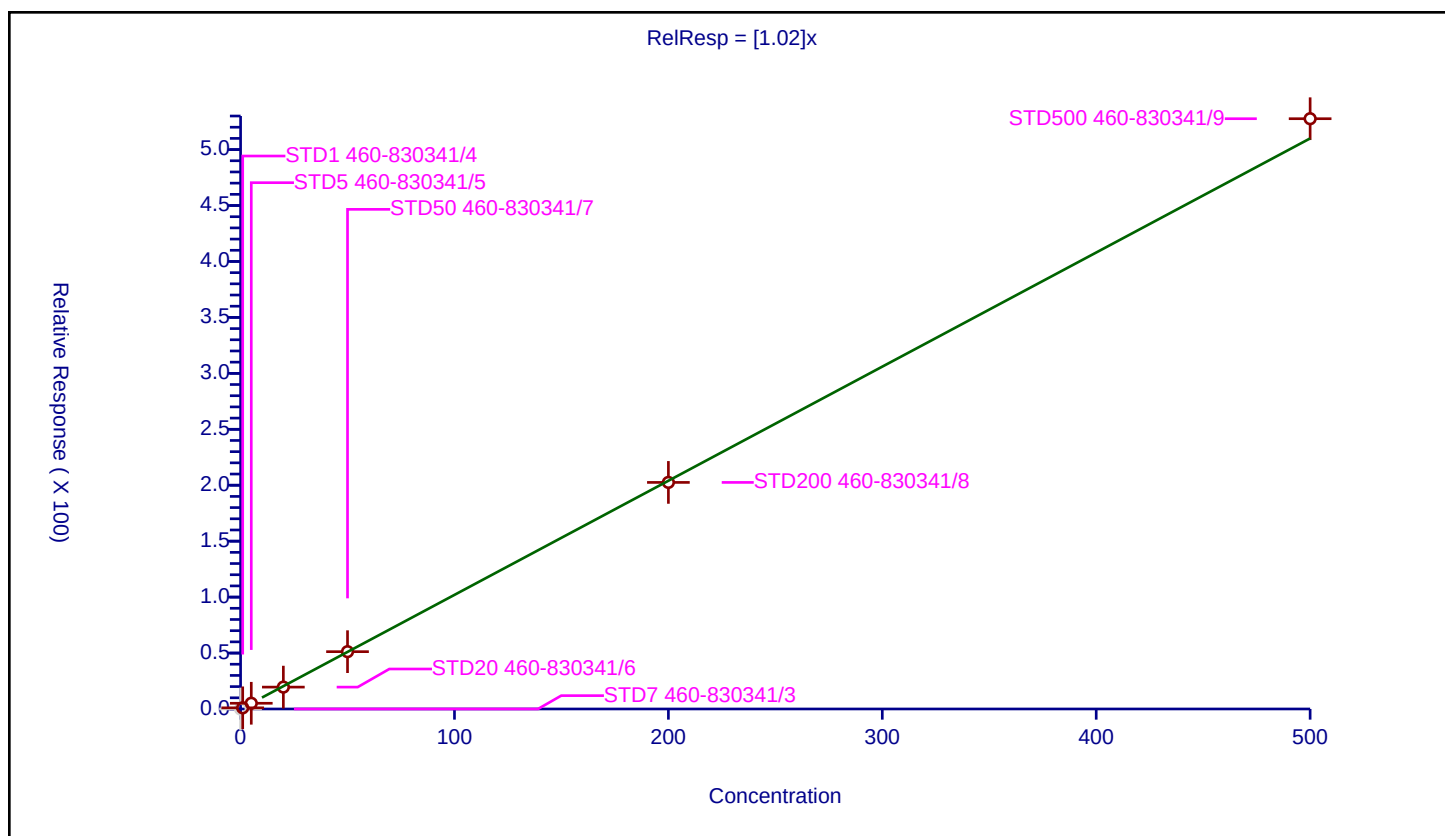
Curve Coefficients

Intercept: 0
Slope: 1.02

Error Coefficients

Standard Error: 2600000
Relative Standard Error: 2.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	1.028541	50.0	463229.0	1.028541	Y
3	STD5 460-830341/5	5.0	5.106658	50.0	450177.0	1.021332	Y
4	STD20 460-830341/6	20.0	19.546653	50.0	492757.0	0.977333	Y
5	STD50 460-830341/7	50.0	51.240309	50.0	505358.0	1.024806	Y
6	STD200 460-830341/8	200.0	202.522517	50.0	504179.0	1.012613	Y
7	STD500 460-830341/9	500.0	527.591091	50.0	512892.0	1.055182	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

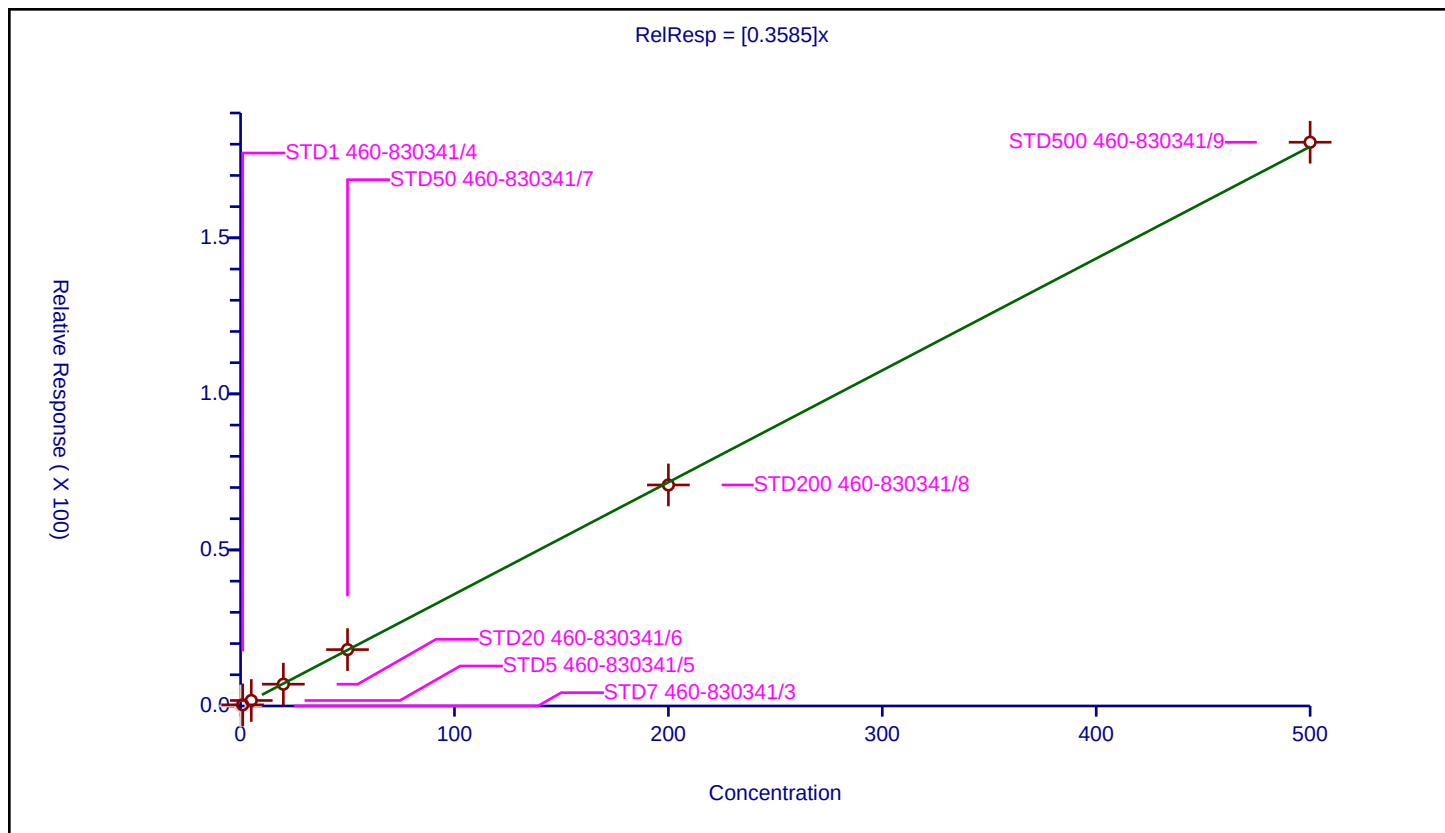
Curve Coefficients

Intercept: 0
 Slope: 0.3585

Error Coefficients

Standard Error: 892000
 Relative Standard Error: 2.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.372494	50.0	463229.0	0.372494	Y
3	STD5 460-830341/5	5.0	1.760308	50.0	450177.0	0.352062	Y
4	STD20 460-830341/6	20.0	6.989246	50.0	492757.0	0.349462	Y
5	STD50 460-830341/7	50.0	18.066796	50.0	505358.0	0.361336	Y
6	STD200 460-830341/8	200.0	70.821177	50.0	504179.0	0.354106	Y
7	STD500 460-830341/9	500.0	180.635884	50.0	512892.0	0.361272	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

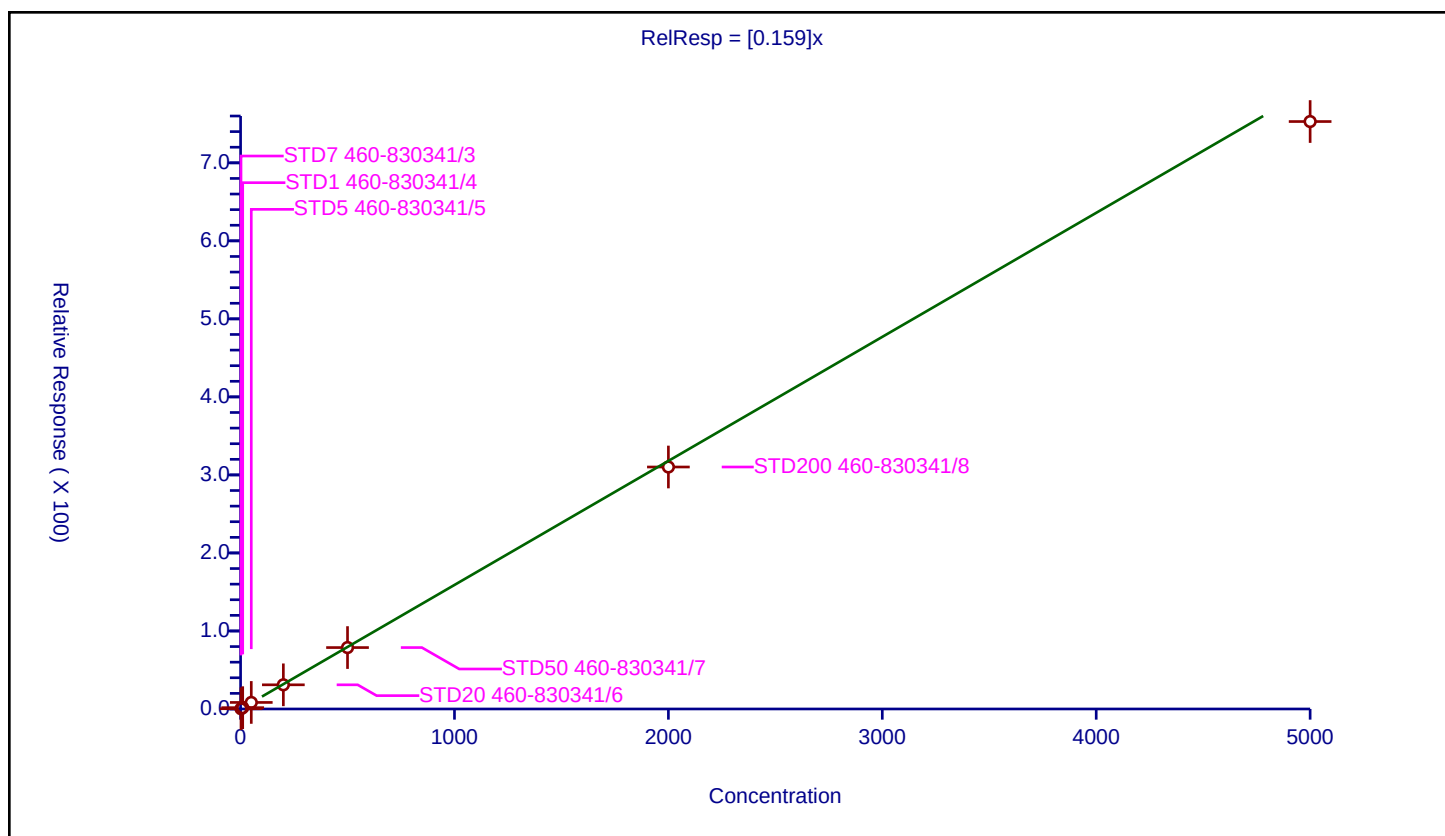
Curve Coefficients

Intercept: 0
 Slope: 0.159

Error Coefficients

Standard Error: 3420000
 Relative Standard Error: 4.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	2.0	0.319142	50.0	463273.0	0.159571	Y
2	STD1 460-830341/4	10.0	1.677248	50.0	463229.0	0.167725	Y
3	STD5 460-830341/5	50.0	8.375483	50.0	450177.0	0.16751	Y
4	STD20 460-830341/6	200.0	30.982208	50.0	492757.0	0.154911	Y
5	STD50 460-830341/7	500.0	78.723697	50.0	505358.0	0.157447	Y
6	STD200 460-830341/8	2000.0	310.137174	50.0	504179.0	0.155069	Y
7	STD500 460-830341/9	5000.0	752.939508	50.0	512892.0	0.150588	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

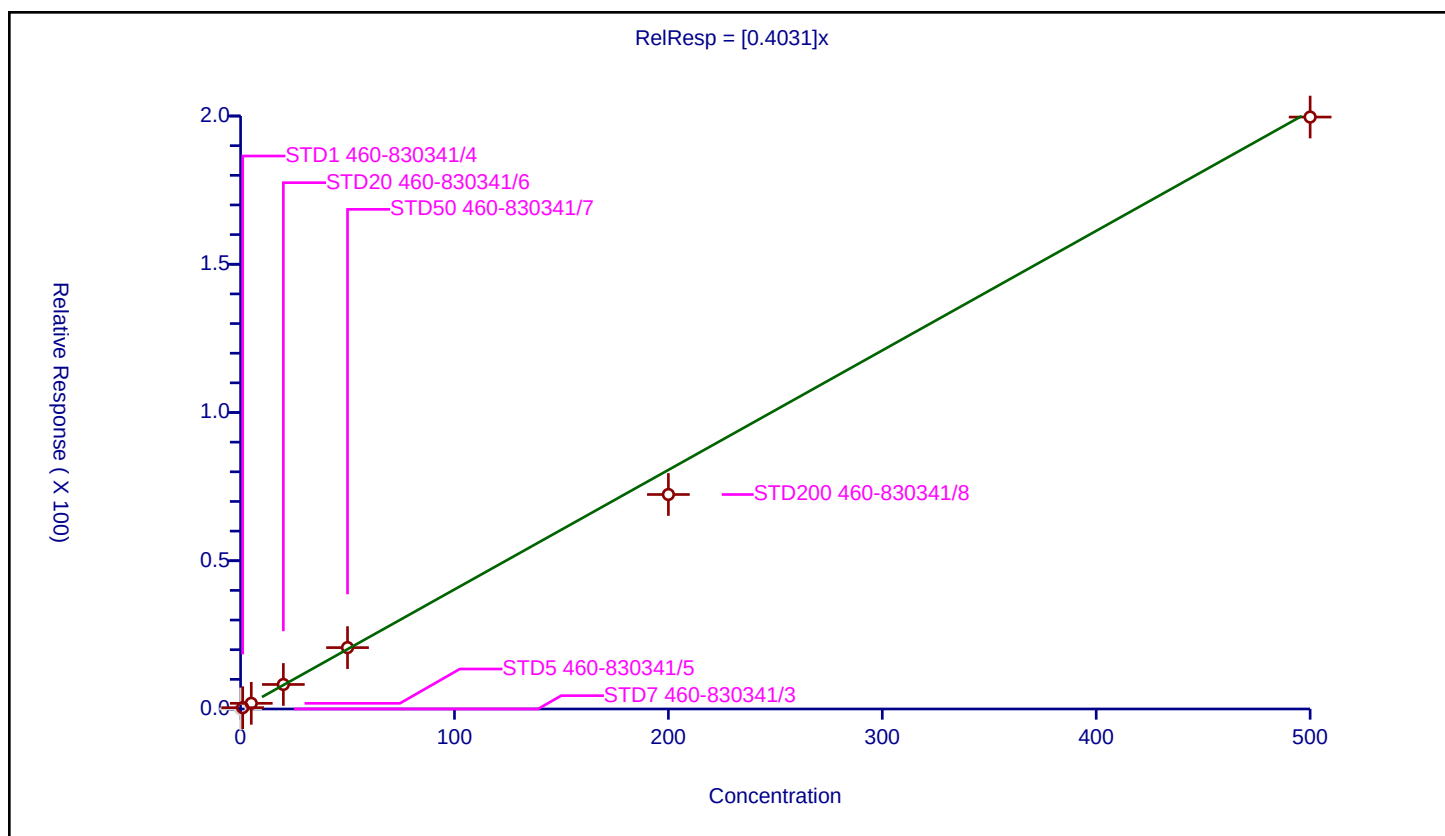
Curve Coefficients

Intercept: 0
 Slope: 0.4031

Error Coefficients

Standard Error: 977000
 Relative Standard Error: 7.4
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.448158	50.0	463229.0	0.448158	Y
3	STD5 460-830341/5	5.0	1.910249	50.0	450177.0	0.38205	Y
4	STD20 460-830341/6	20.0	8.271927	50.0	492757.0	0.413596	Y
5	STD50 460-830341/7	50.0	20.702354	50.0	505358.0	0.414047	Y
6	STD200 460-830341/8	200.0	72.345635	50.0	504179.0	0.361728	Y
7	STD500 460-830341/9	500.0	199.646904	50.0	512892.0	0.399294	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

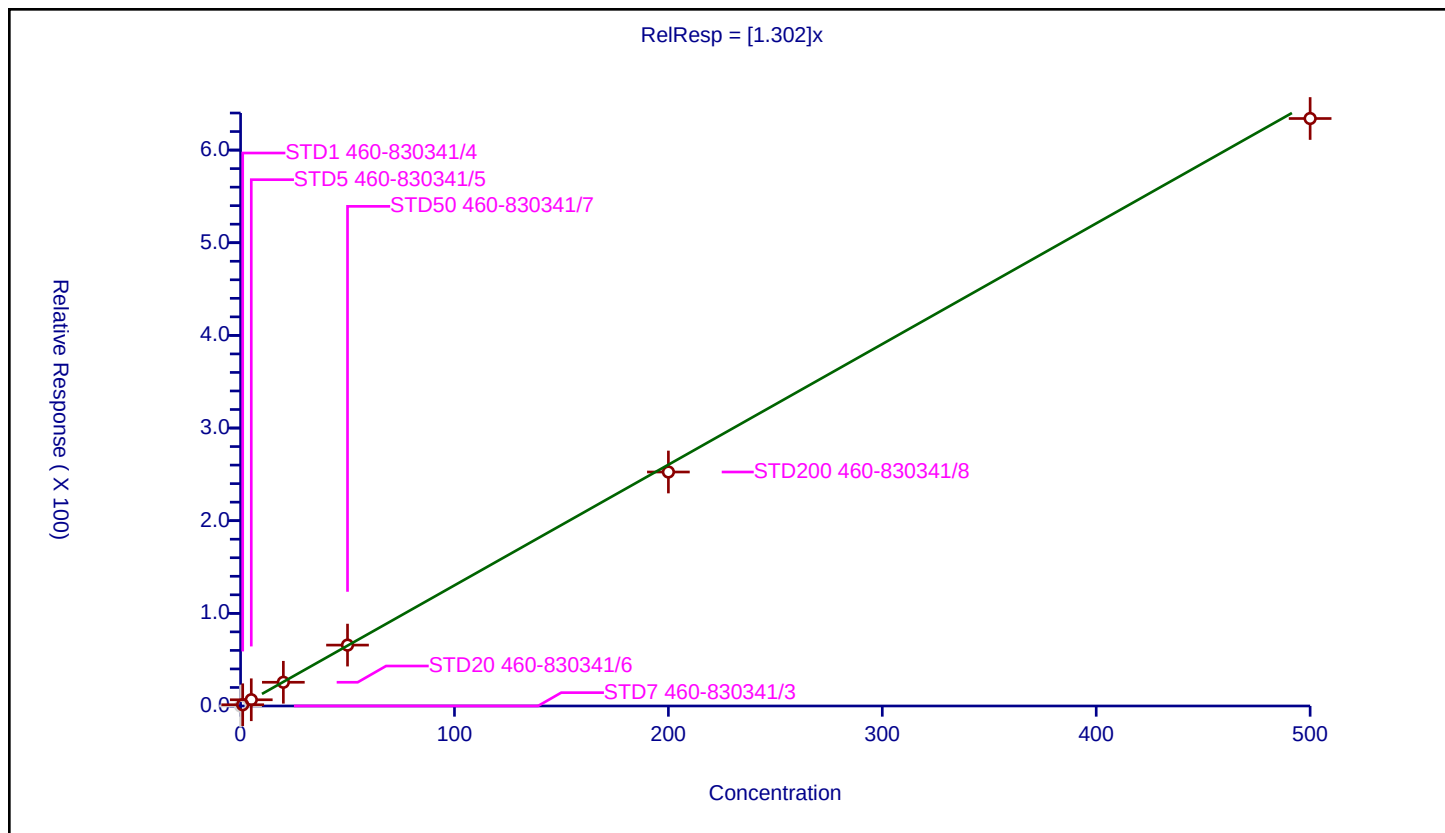
Curve Coefficients

Intercept: 0
 Slope: 1.302

Error Coefficients

Standard Error: 3140000
 Relative Standard Error: 2.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	1.342533	50.0	463229.0	1.342533	Y
3	STD5 460-830341/5	5.0	6.7228	50.0	450177.0	1.34456	Y
4	STD20 460-830341/6	20.0	25.613335	50.0	492757.0	1.280667	Y
5	STD50 460-830341/7	50.0	65.715196	50.0	505358.0	1.314304	Y
6	STD200 460-830341/8	200.0	252.551871	50.0	504179.0	1.262759	Y
7	STD500 460-830341/9	500.0	634.058047	50.0	512892.0	1.268116	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

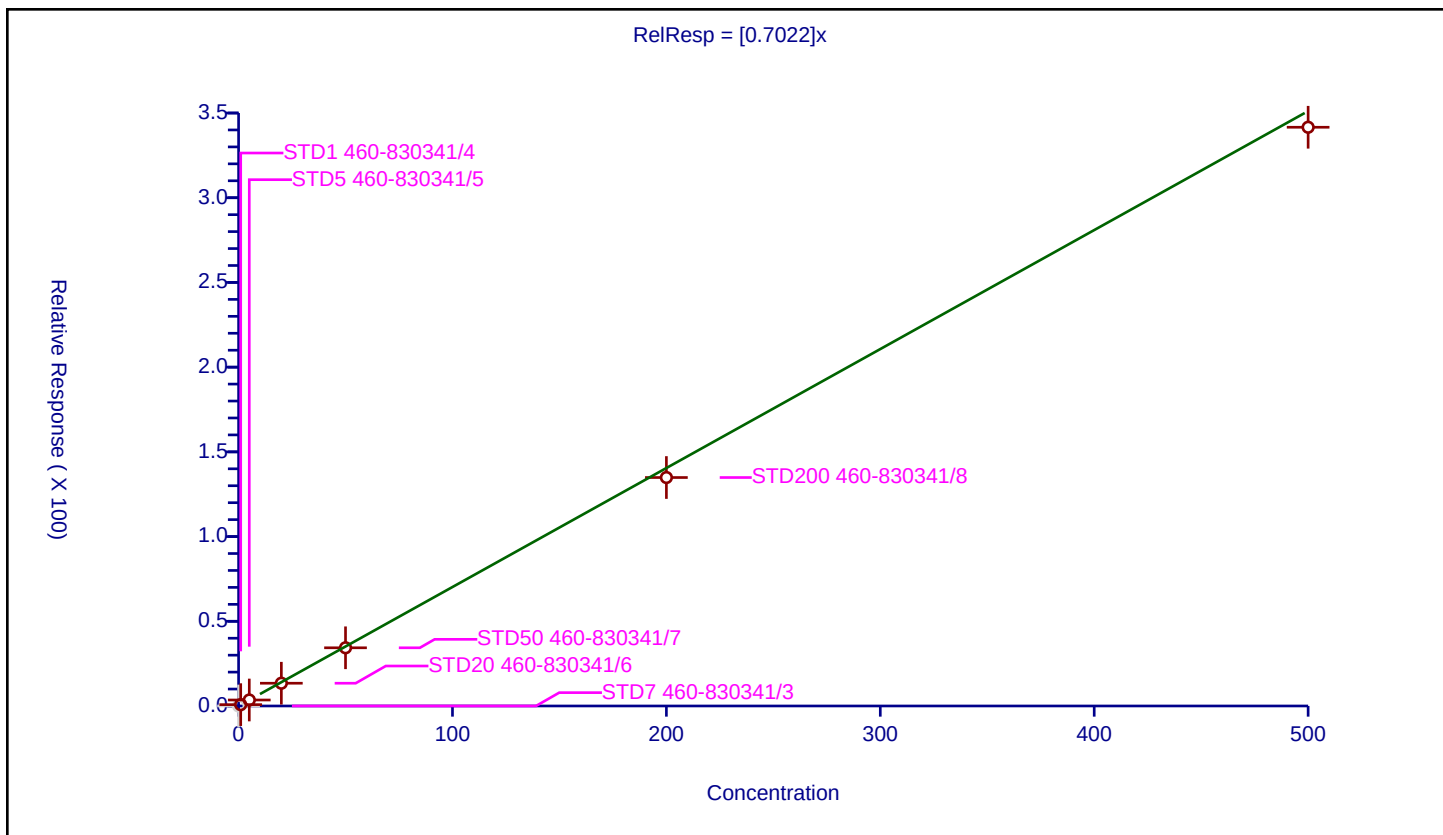
Curve Coefficients

Intercept: 0
 Slope: 0.7022

Error Coefficients

Standard Error: 1690000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.790106	50.0	463229.0	0.790106	Y
3	STD5 460-830341/5	5.0	3.534943	50.0	450177.0	0.706989	Y
4	STD20 460-830341/6	20.0	13.434614	50.0	492757.0	0.671731	Y
5	STD50 460-830341/7	50.0	34.35891	50.0	505358.0	0.687178	Y
6	STD200 460-830341/8	200.0	134.857164	50.0	504179.0	0.674286	Y
7	STD500 460-830341/9	500.0	341.595307	50.0	512892.0	0.683191	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

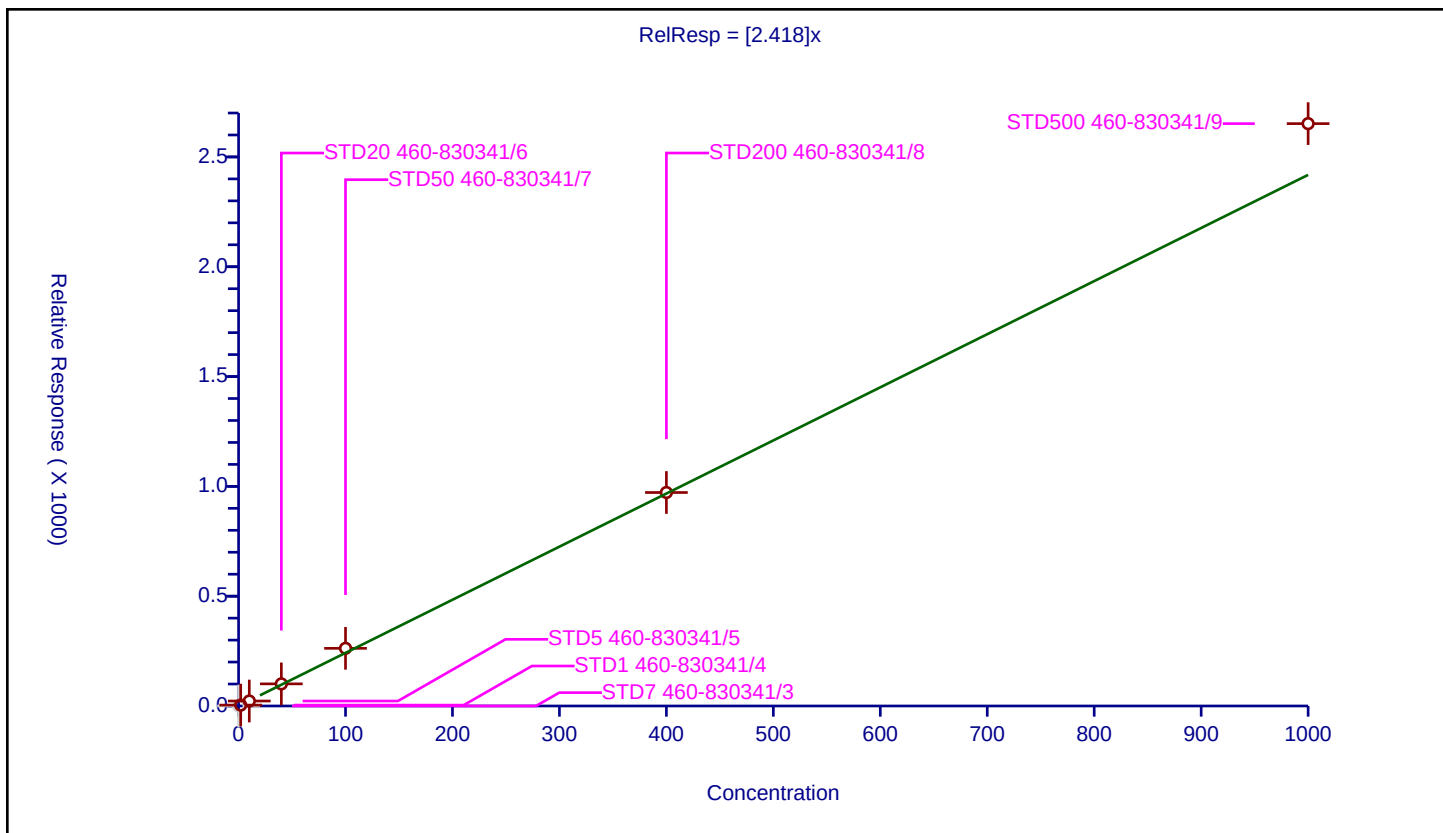
Curve Coefficients

Intercept: 0
 Slope: 2.418

Error Coefficients

Standard Error: 374000
 Relative Standard Error: 10.0
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	2.0	4.037125	1000.0	173143.0	2.018563	Y
3	STD5 460-830341/5	10.0	22.658088	1000.0	173448.0	2.265809	Y
4	STD20 460-830341/6	40.0	100.738586	1000.0	186979.0	2.518465	Y
5	STD50 460-830341/7	100.0	262.526942	1000.0	224556.0	2.625269	Y
6	STD200 460-830341/8	400.0	972.004541	1000.0	271294.0	2.430011	Y
7	STD500 460-830341/9	1000.0	2651.67807	1000.0	299183.0	2.651678	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

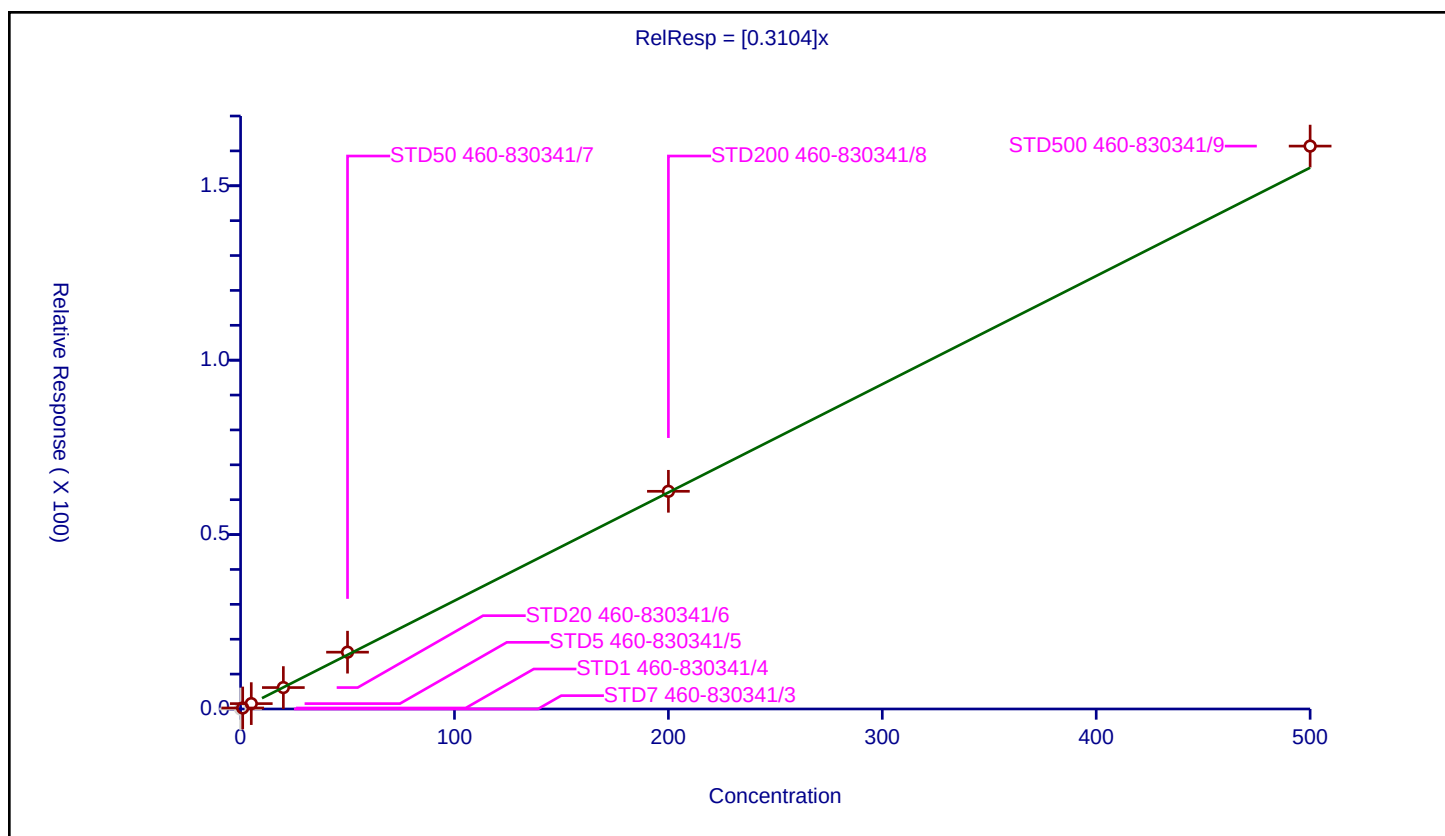
Curve Coefficients

Intercept: 0
 Slope: 0.3104

Error Coefficients

Standard Error: 796000
 Relative Standard Error: 4.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.286899	50.0	463229.0	0.286899	Y
3	STD5 460-830341/5	5.0	1.538173	50.0	450177.0	0.307635	Y
4	STD20 460-830341/6	20.0	6.143292	50.0	492757.0	0.307165	Y
5	STD50 460-830341/7	50.0	16.286474	50.0	505358.0	0.325729	Y
6	STD200 460-830341/8	200.0	62.408887	50.0	504179.0	0.312044	Y
7	STD500 460-830341/9	500.0	161.372765	50.0	512892.0	0.322746	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

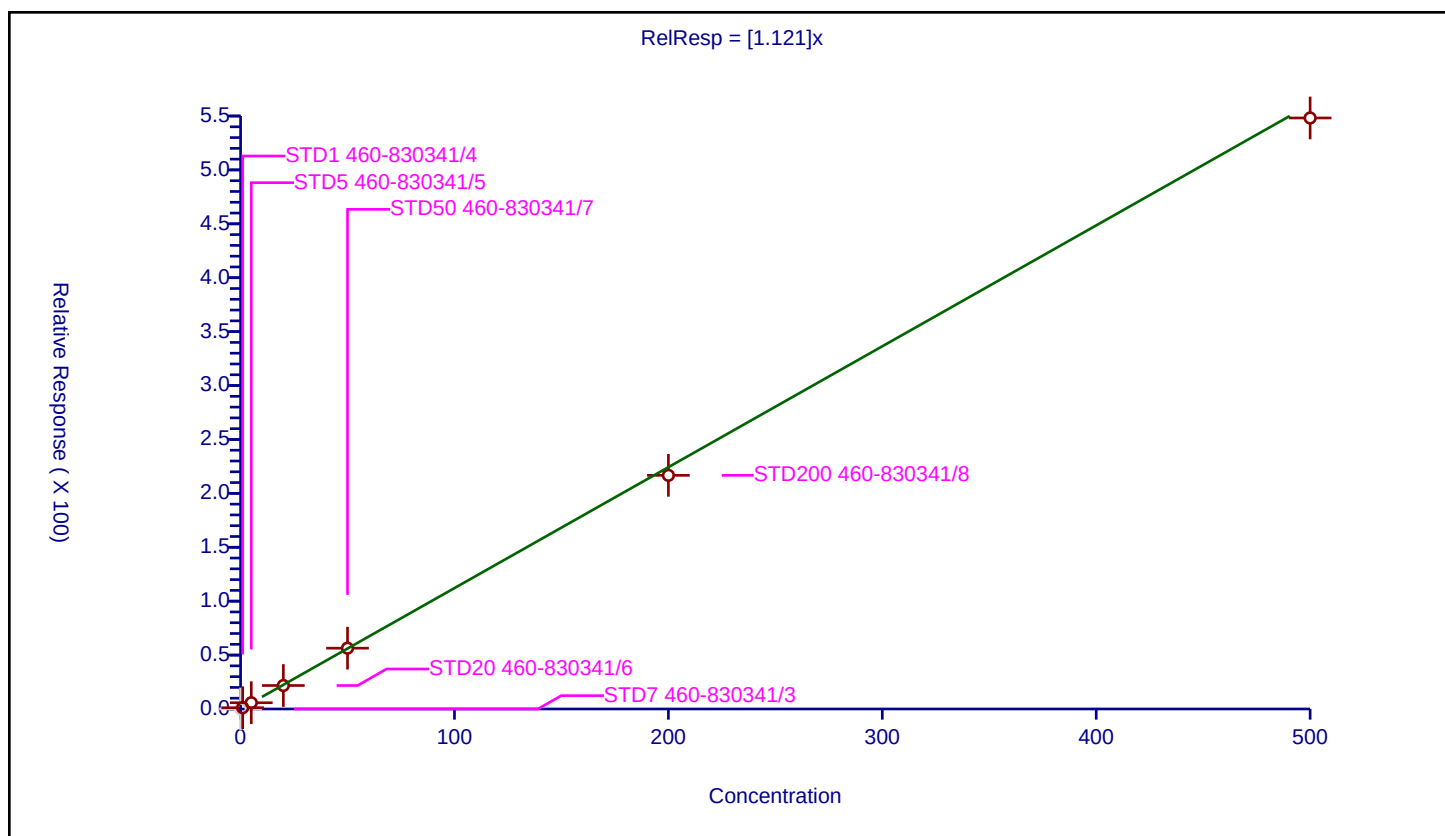
Curve Coefficients

Intercept: 0
Slope: 1.121

Error Coefficients

Standard Error: 2710000
Relative Standard Error: 3.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	1.170479	50.0	463229.0	1.170479	Y
3	STD5 460-830341/5	5.0	5.806161	50.0	450177.0	1.161232	Y
4	STD20 460-830341/6	20.0	21.767727	50.0	492757.0	1.088386	Y
5	STD50 460-830341/7	50.0	56.407339	50.0	505358.0	1.128147	Y
6	STD200 460-830341/8	200.0	216.696749	50.0	504179.0	1.083484	Y
7	STD500 460-830341/9	500.0	548.192992	50.0	512892.0	1.096386	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

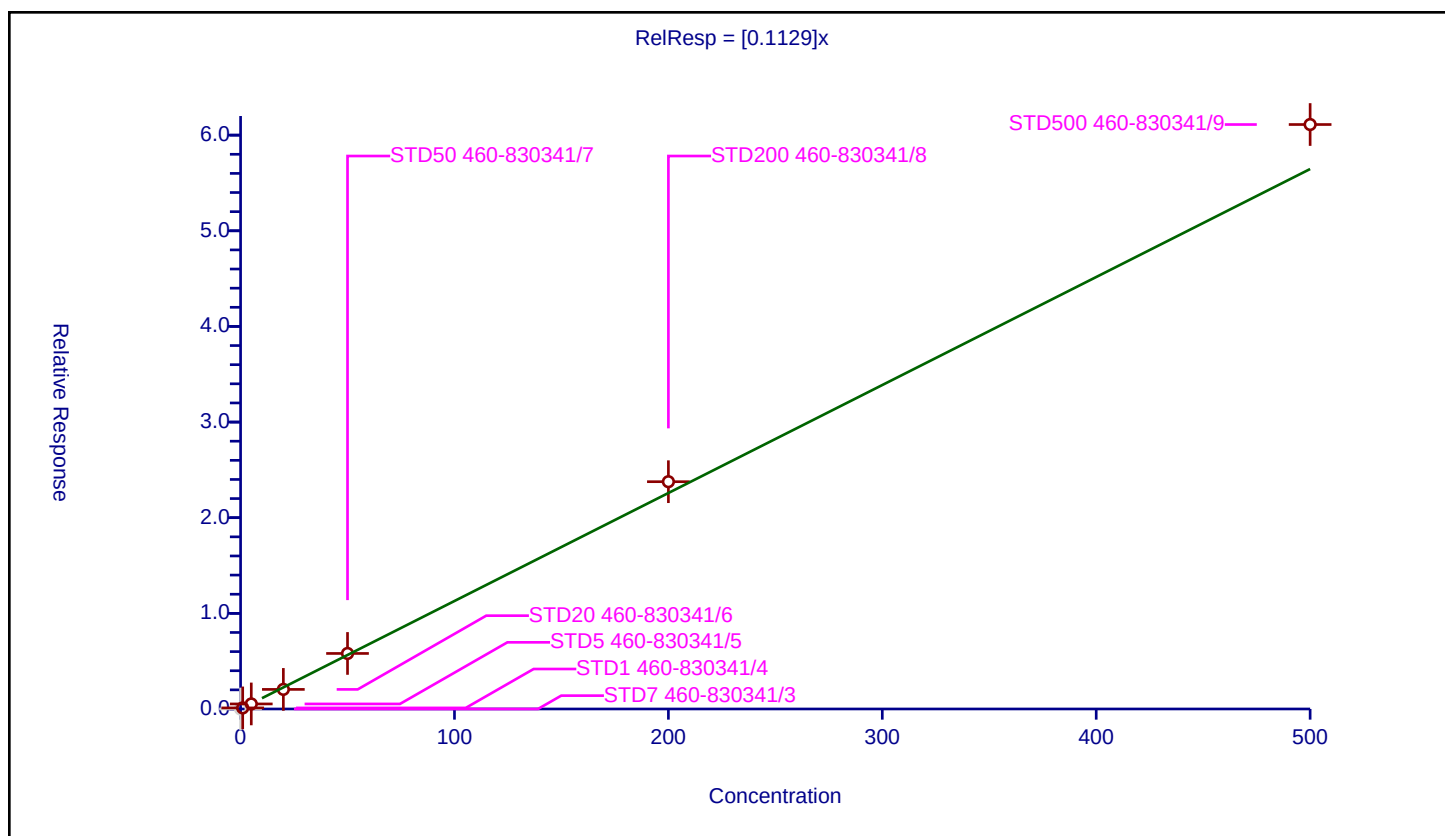
Curve Coefficients

Intercept: 0
Slope: 0.1129

Error Coefficients

Standard Error: 301000
Relative Standard Error: 6.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.112363	50.0	463229.0	0.112363	Y
3	STD5 460-830341/5	5.0	0.527681	50.0	450177.0	0.105536	Y
4	STD20 460-830341/6	20.0	2.04817	50.0	492757.0	0.102408	Y
5	STD50 460-830341/7	50.0	5.805389	50.0	505358.0	0.116108	Y
6	STD200 460-830341/8	200.0	23.766162	50.0	504179.0	0.118831	Y
7	STD500 460-830341/9	500.0	61.110721	50.0	512892.0	0.122221	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

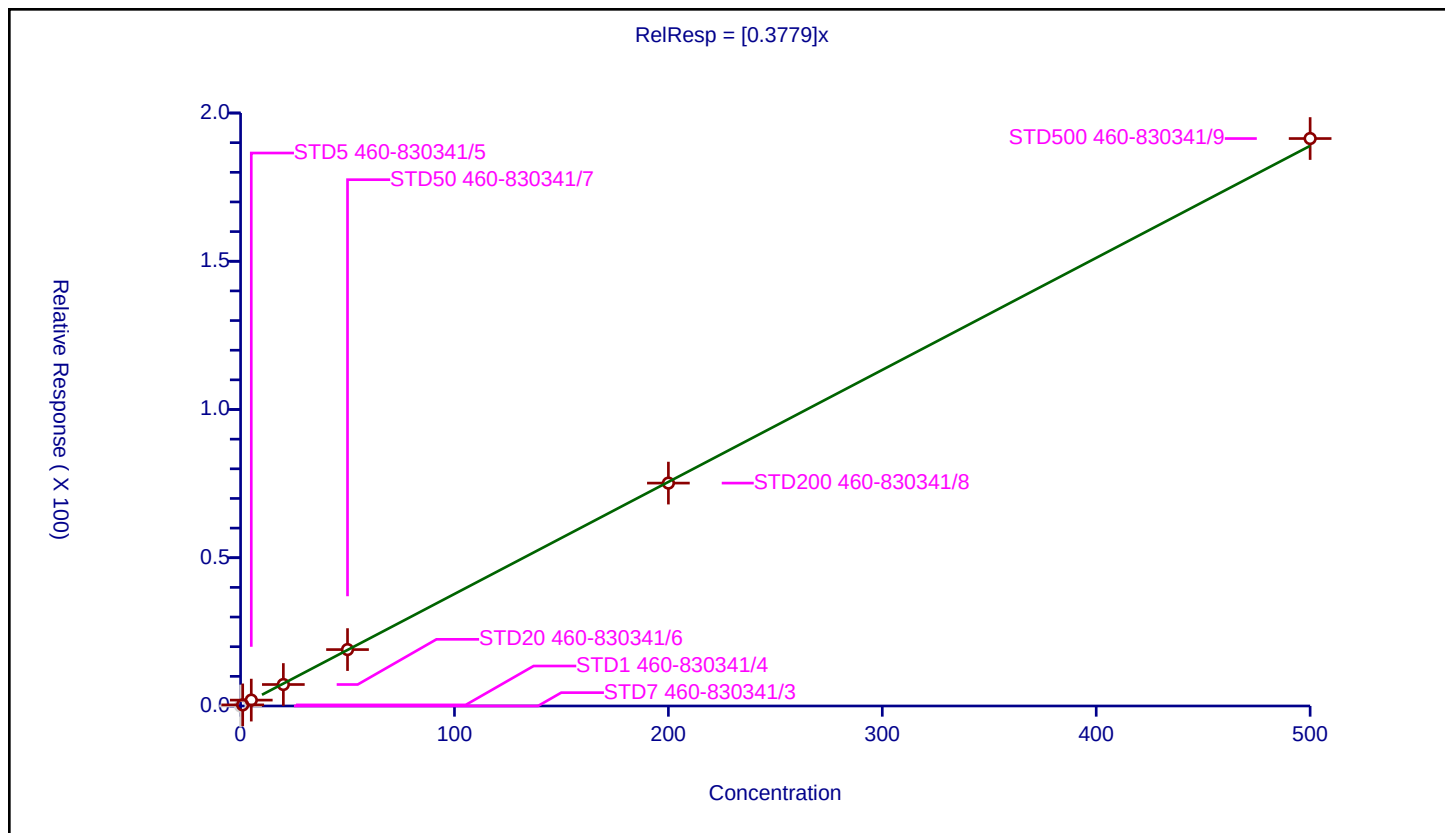
Curve Coefficients

Intercept: 0
 Slope: 0.3779

Error Coefficients

Standard Error: 946000
 Relative Standard Error: 3.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.368932	50.0	463229.0	0.368932	Y
3	STD5 460-830341/5	5.0	1.983109	50.0	450177.0	0.396622	Y
4	STD20 460-830341/6	20.0	7.249009	50.0	492757.0	0.36245	Y
5	STD50 460-830341/7	50.0	19.024434	50.0	505358.0	0.380489	Y
6	STD200 460-830341/8	200.0	75.174789	50.0	504179.0	0.375874	Y
7	STD500 460-830341/9	500.0	191.39351	50.0	512892.0	0.382787	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

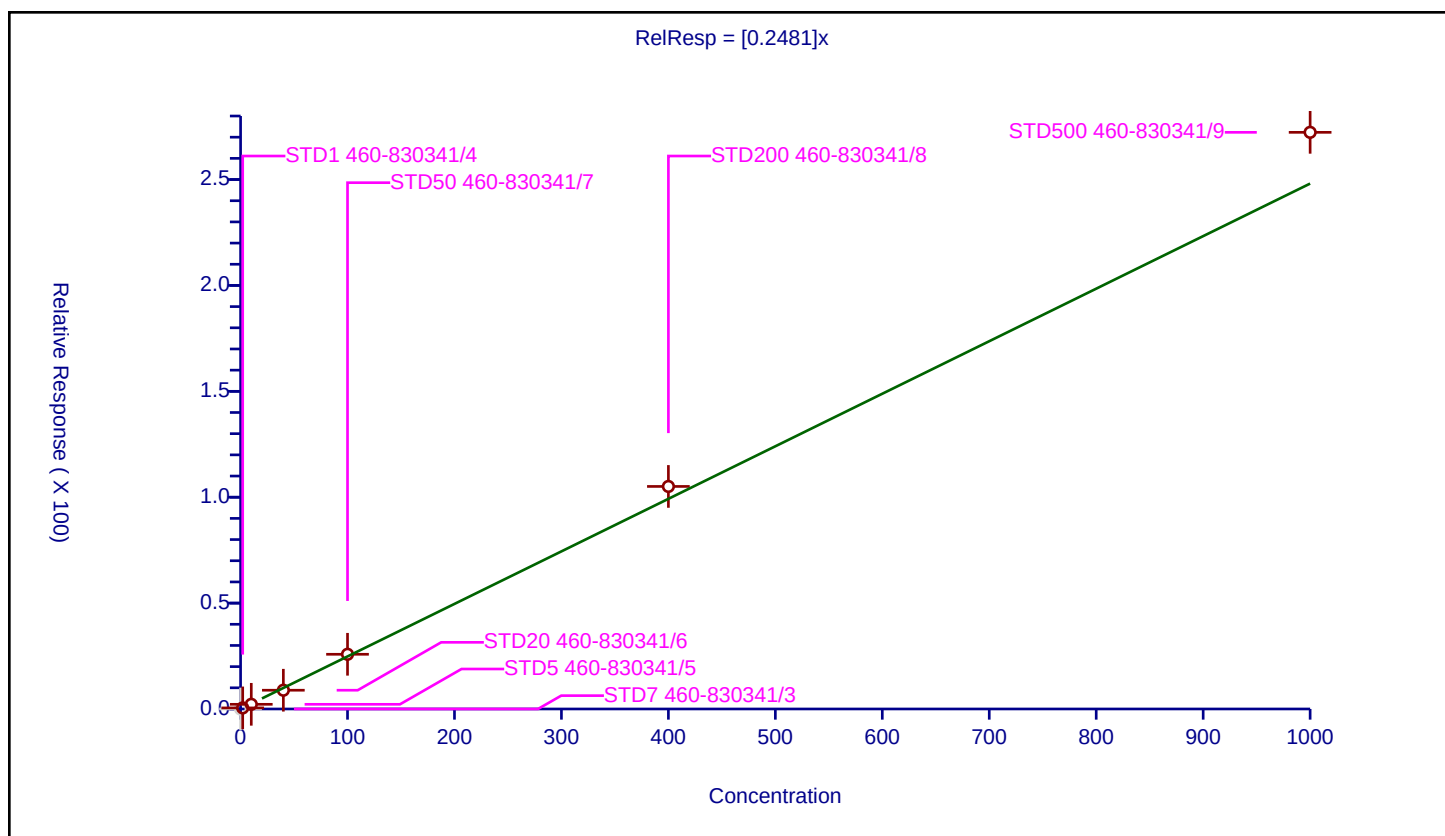
Curve Coefficients

Intercept: 0
 Slope: 0.2481

Error Coefficients

Standard Error: 200000
 Relative Standard Error: 8.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	250.0	327789.0	NaN	N
2	STD1 460-830341/4	2.0	0.504262	250.0	330681.0	0.252131	Y
3	STD5 460-830341/5	10.0	2.214804	250.0	329826.0	0.22148	Y
4	STD20 460-830341/6	40.0	8.863644	250.0	352592.0	0.221591	Y
5	STD50 460-830341/7	100.0	25.833883	250.0	357844.0	0.258339	Y
6	STD200 460-830341/8	400.0	105.08505	250.0	362435.0	0.262713	Y
7	STD500 460-830341/9	1000.0	272.296858	250.0	384090.0	0.272297	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

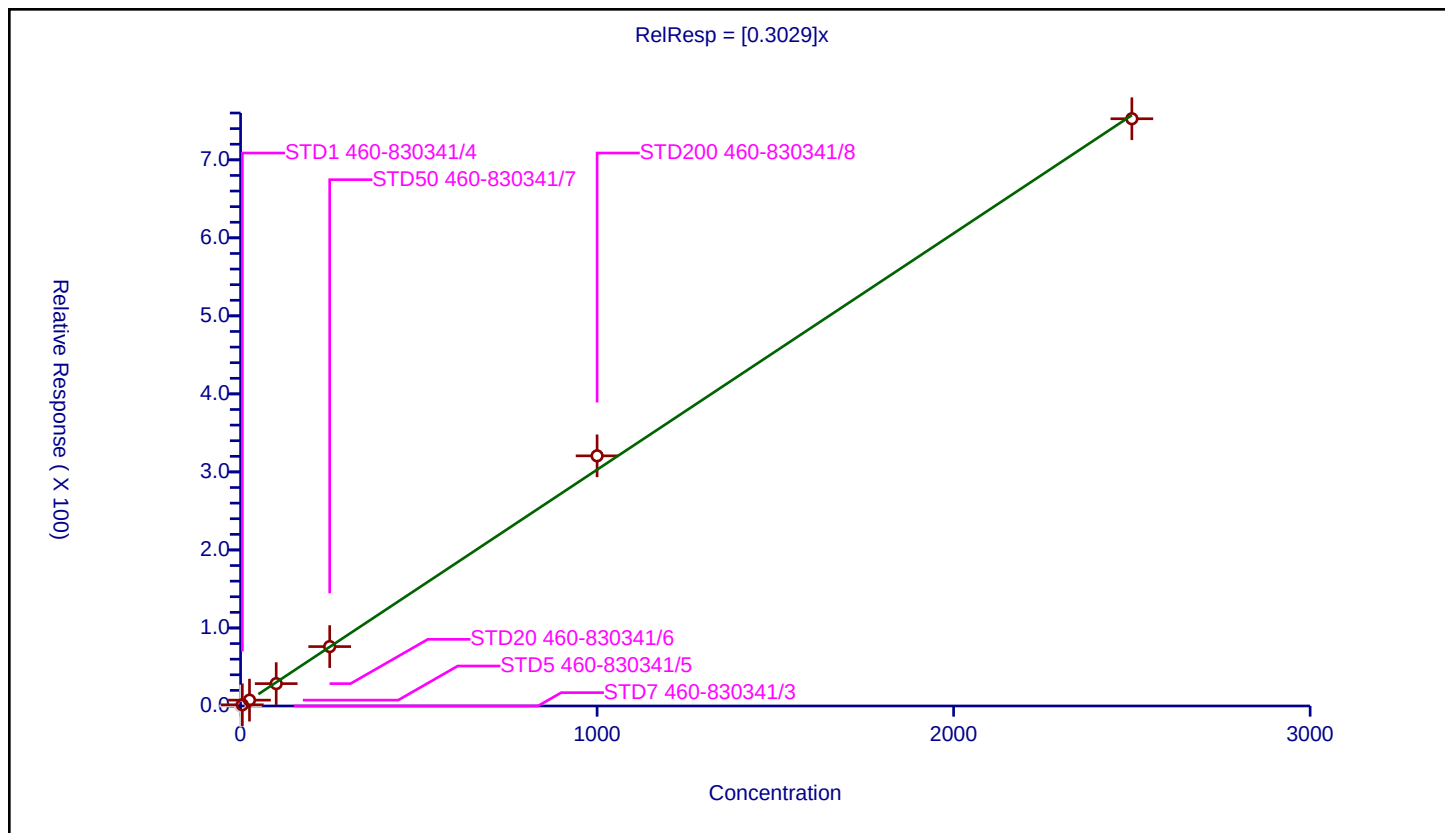
Curve Coefficients

Intercept: 0
 Slope: 0.3029

Error Coefficients

Standard Error: 559000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	250.0	327789.0	NaN	N
2	STD1 460-830341/4	5.0	1.524127	250.0	330681.0	0.304825	Y
3	STD5 460-830341/5	25.0	7.491829	250.0	329826.0	0.299673	Y
4	STD20 460-830341/6	100.0	28.643588	250.0	352592.0	0.286436	Y
5	STD50 460-830341/7	250.0	76.147707	250.0	357844.0	0.304591	Y
6	STD200 460-830341/8	1000.0	320.61611	250.0	362435.0	0.320616	Y
7	STD500 460-830341/9	2500.0	752.660835	250.0	384090.0	0.301064	Y



Calibration

/ Methyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

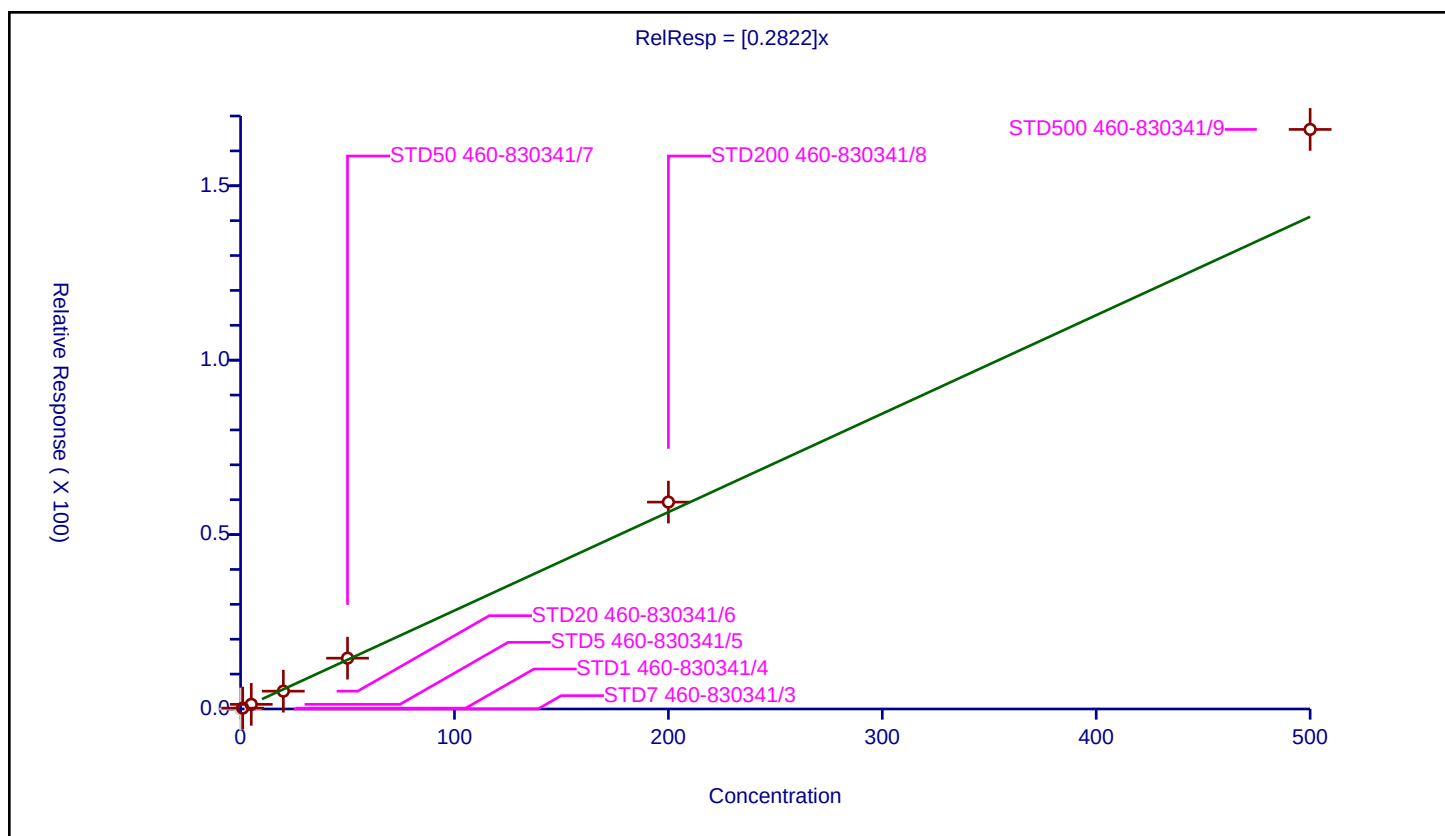
Curve Coefficients

Intercept: 0
 Slope: 0.2822

Error Coefficients

Standard Error: 811000
 Relative Standard Error: 10.9
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.252143	50.0	463229.0	0.252143	Y
3	STD5 460-830341/5	5.0	1.327367	50.0	450177.0	0.265473	Y
4	STD20 460-830341/6	20.0	5.110937	50.0	492757.0	0.255547	Y
5	STD50 460-830341/7	50.0	14.571057	50.0	505358.0	0.291421	Y
6	STD200 460-830341/8	200.0	59.311772	50.0	504179.0	0.296559	Y
7	STD500 460-830341/9	500.0	166.152913	50.0	512892.0	0.332306	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

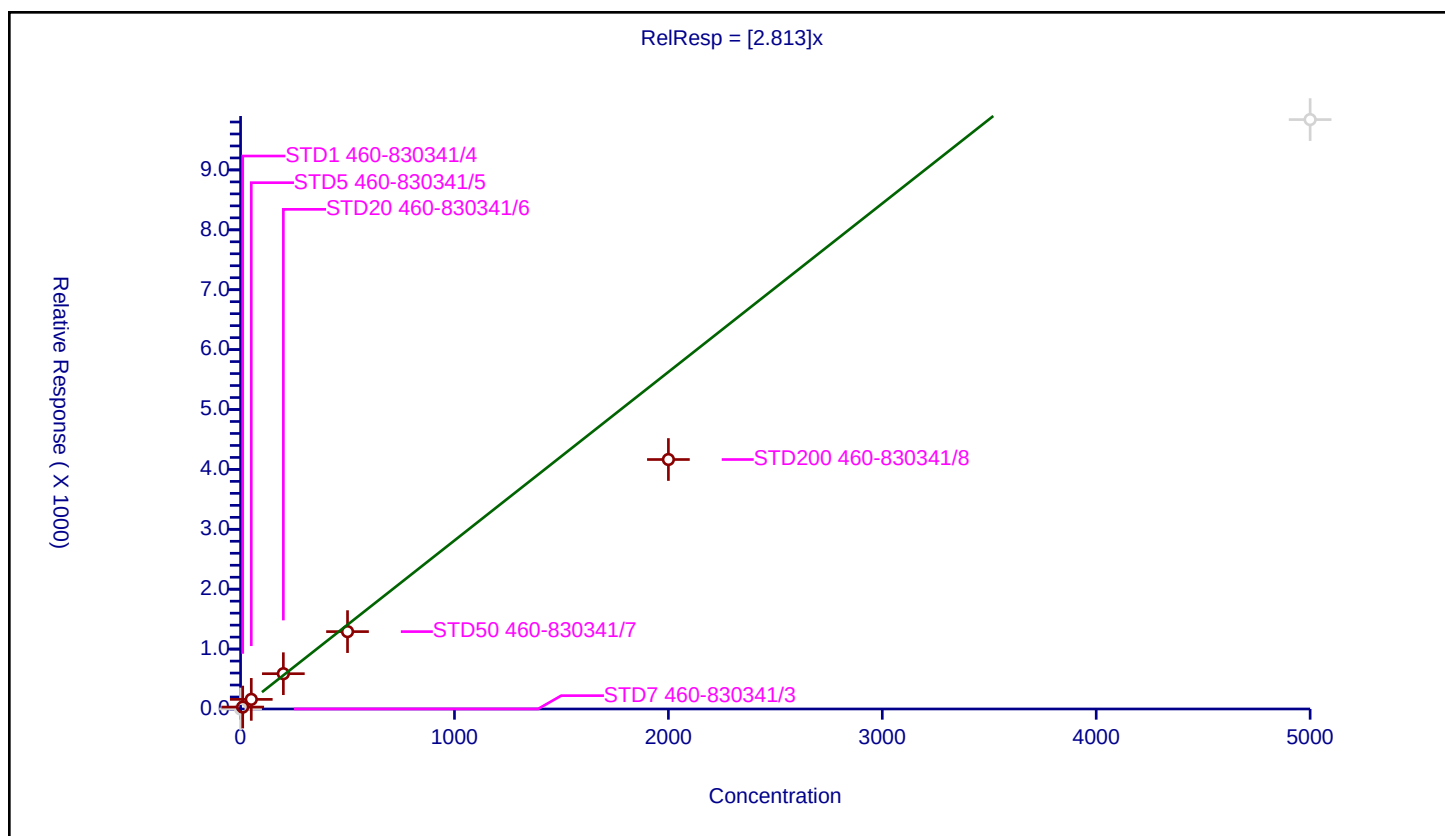
Curve Coefficients

Intercept: 0
Slope: 2.813

Error Coefficients

Standard Error: 583000
Relative Standard Error: 17.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	10.0	32.464495	1000.0	173143.0	3.246449	Y
3	STD5 460-830341/5	50.0	160.440017	1000.0	173448.0	3.2088	Y
4	STD20 460-830341/6	200.0	589.205205	1000.0	186979.0	2.946026	Y
5	STD50 460-830341/7	500.0	1291.642174	1000.0	224556.0	2.583284	Y
6	STD200 460-830341/8	2000.0	4165.101329	1000.0	271294.0	2.082551	Y
7	STD500 460-830341/9	5000.0	9840.164715	1000.0	299183.0	1.968033	N



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

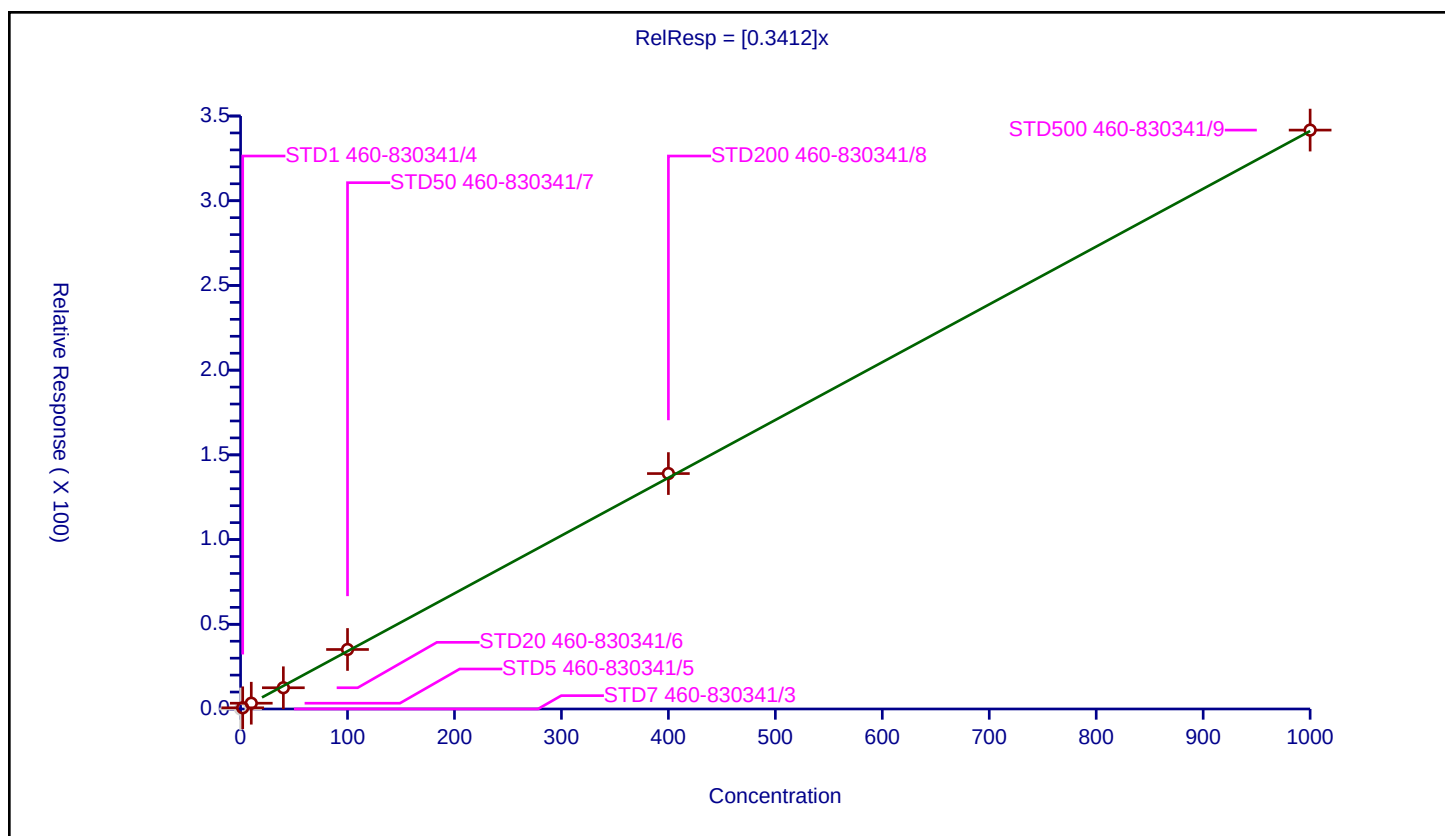
Curve Coefficients

Intercept: 0
Slope: 0.3412

Error Coefficients

Standard Error: 252000
Relative Standard Error: 4.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	250.0	327789.0	NaN	N
2	STD1 460-830341/4	2.0	0.705363	250.0	330681.0	0.352681	Y
3	STD5 460-830341/5	10.0	3.404068	250.0	329826.0	0.340407	Y
4	STD20 460-830341/6	40.0	12.541408	250.0	352592.0	0.313535	Y
5	STD50 460-830341/7	100.0	35.122847	250.0	357844.0	0.351228	Y
6	STD200 460-830341/8	400.0	138.95802	250.0	362435.0	0.347395	Y
7	STD500 460-830341/9	1000.0	341.690099	250.0	384090.0	0.34169	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

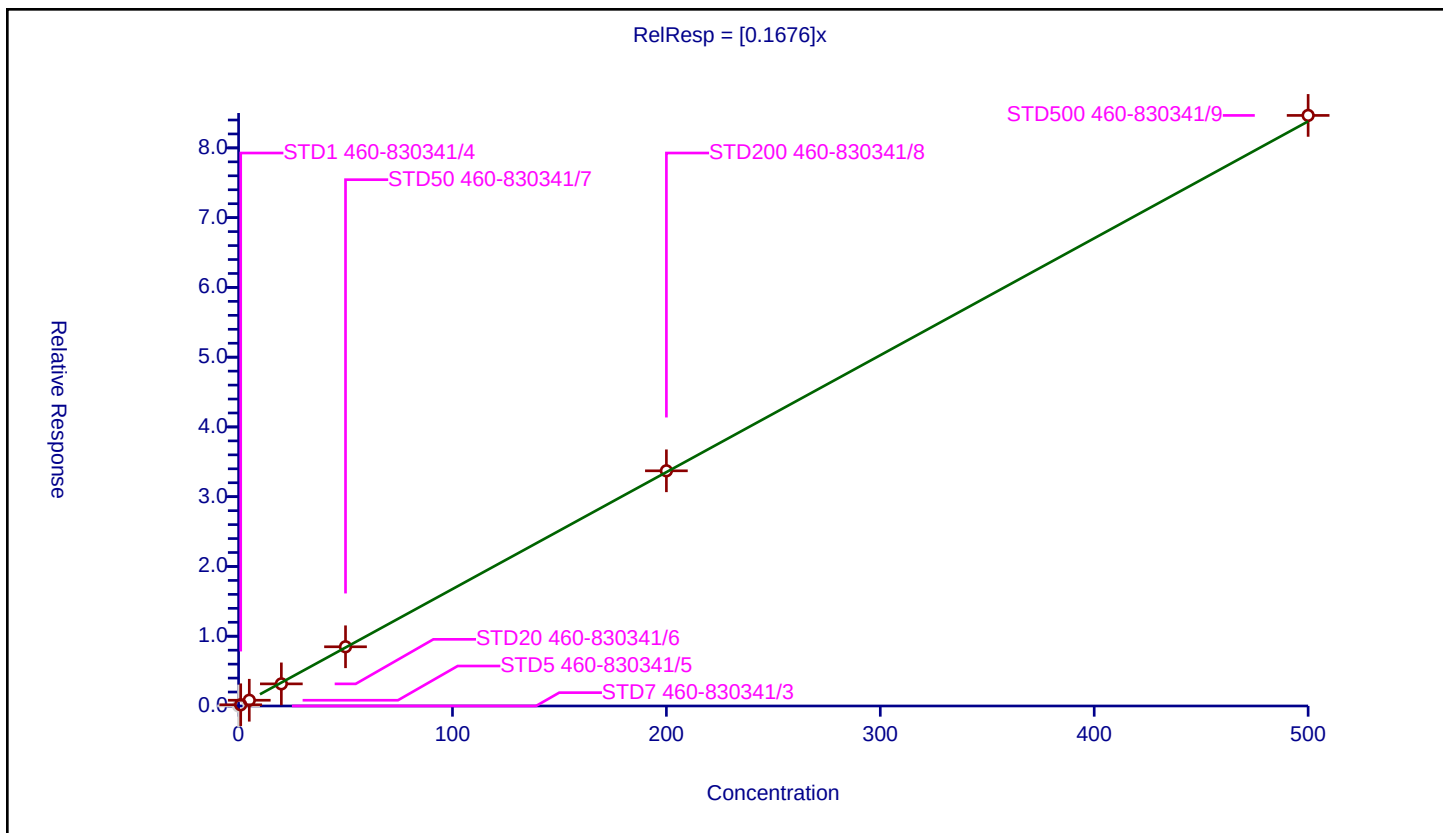
Curve Coefficients

Intercept: 0
 Slope: 0.1676

Error Coefficients

Standard Error: 419000
 Relative Standard Error: 3.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.174752	50.0	463229.0	0.174752	Y
3	STD5 460-830341/5	5.0	0.823565	50.0	450177.0	0.164713	Y
4	STD20 460-830341/6	20.0	3.170224	50.0	492757.0	0.158511	Y
5	STD50 460-830341/7	50.0	8.488933	50.0	505358.0	0.169779	Y
6	STD200 460-830341/8	200.0	33.711341	50.0	504179.0	0.168557	Y
7	STD500 460-830341/9	500.0	84.655931	50.0	512892.0	0.169312	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

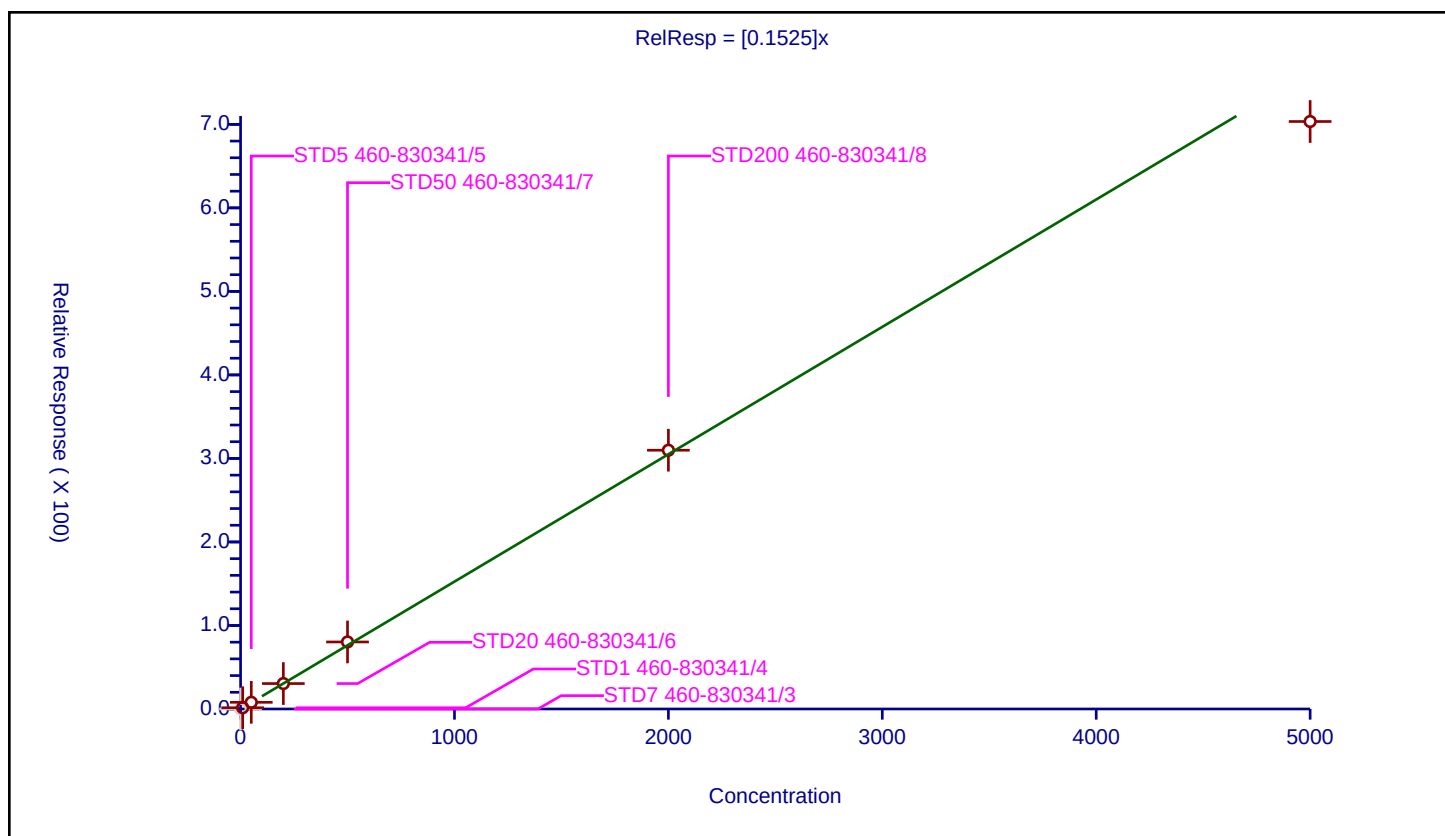
Curve Coefficients

Intercept: 0
 Slope: 0.1525

Error Coefficients

Standard Error: 3540000
 Relative Standard Error: 5.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	10.0	1.46936	50.0	463229.0	0.146936	Y
3	STD5 460-830341/5	50.0	7.986414	50.0	450177.0	0.159728	Y
4	STD20 460-830341/6	200.0	30.445331	50.0	492757.0	0.152227	Y
5	STD50 460-830341/7	500.0	80.267454	50.0	505358.0	0.160535	Y
6	STD200 460-830341/8	2000.0	309.836189	50.0	504179.0	0.154918	Y
7	STD500 460-830341/9	5000.0	703.412024	50.0	512892.0	0.140682	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

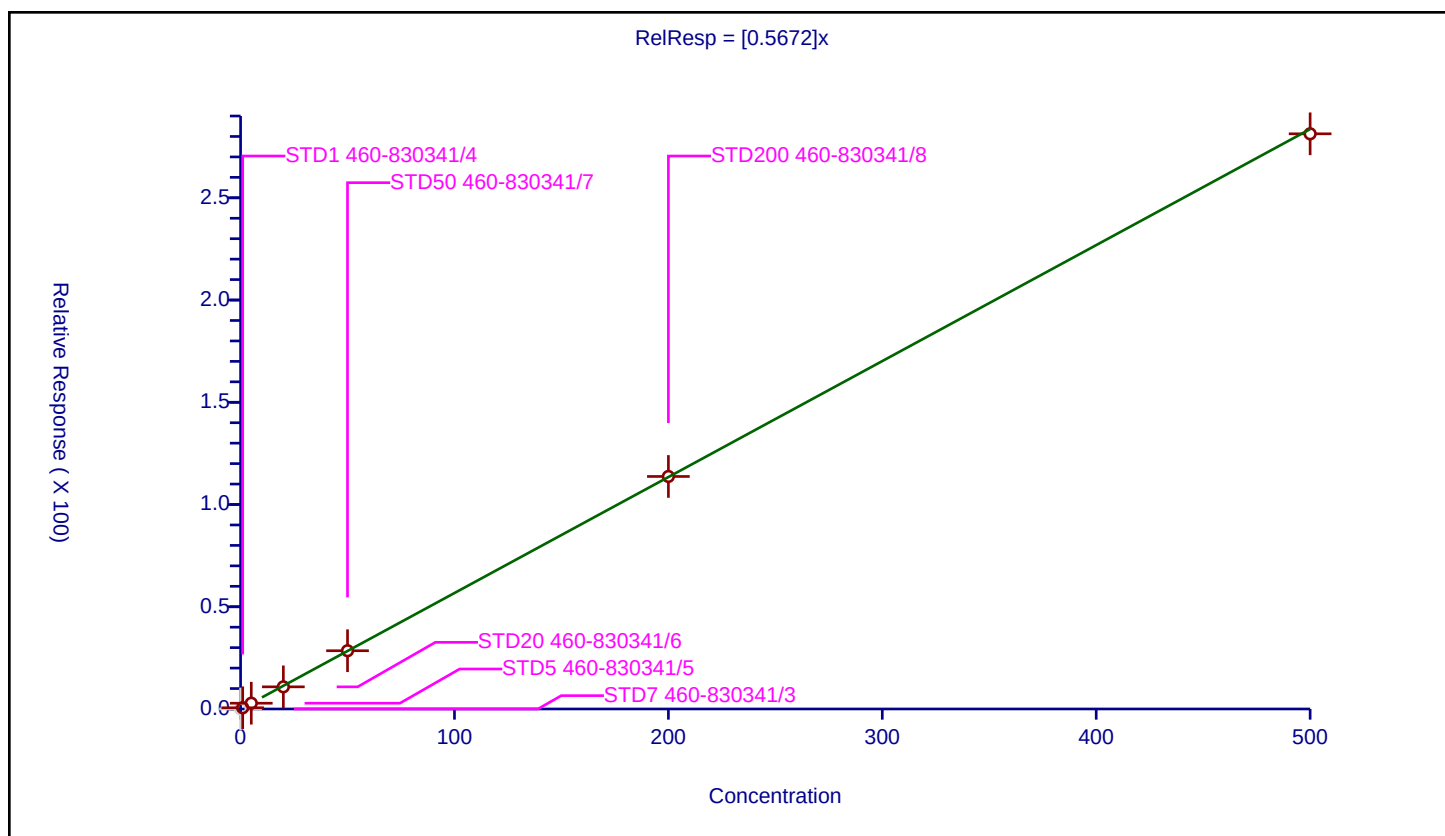
Curve Coefficients

Intercept: 0
 Slope: 0.5672

Error Coefficients

Standard Error: 1400000
 Relative Standard Error: 3.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.594846	50.0	463229.0	0.594846	Y
3	STD5 460-830341/5	5.0	2.828776	50.0	450177.0	0.565755	Y
4	STD20 460-830341/6	20.0	10.827548	50.0	492757.0	0.541377	Y
5	STD50 460-830341/7	50.0	28.490793	50.0	505358.0	0.569816	Y
6	STD200 460-830341/8	200.0	113.7114	50.0	504179.0	0.568557	Y
7	STD500 460-830341/9	500.0	281.302301	50.0	512892.0	0.562605	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

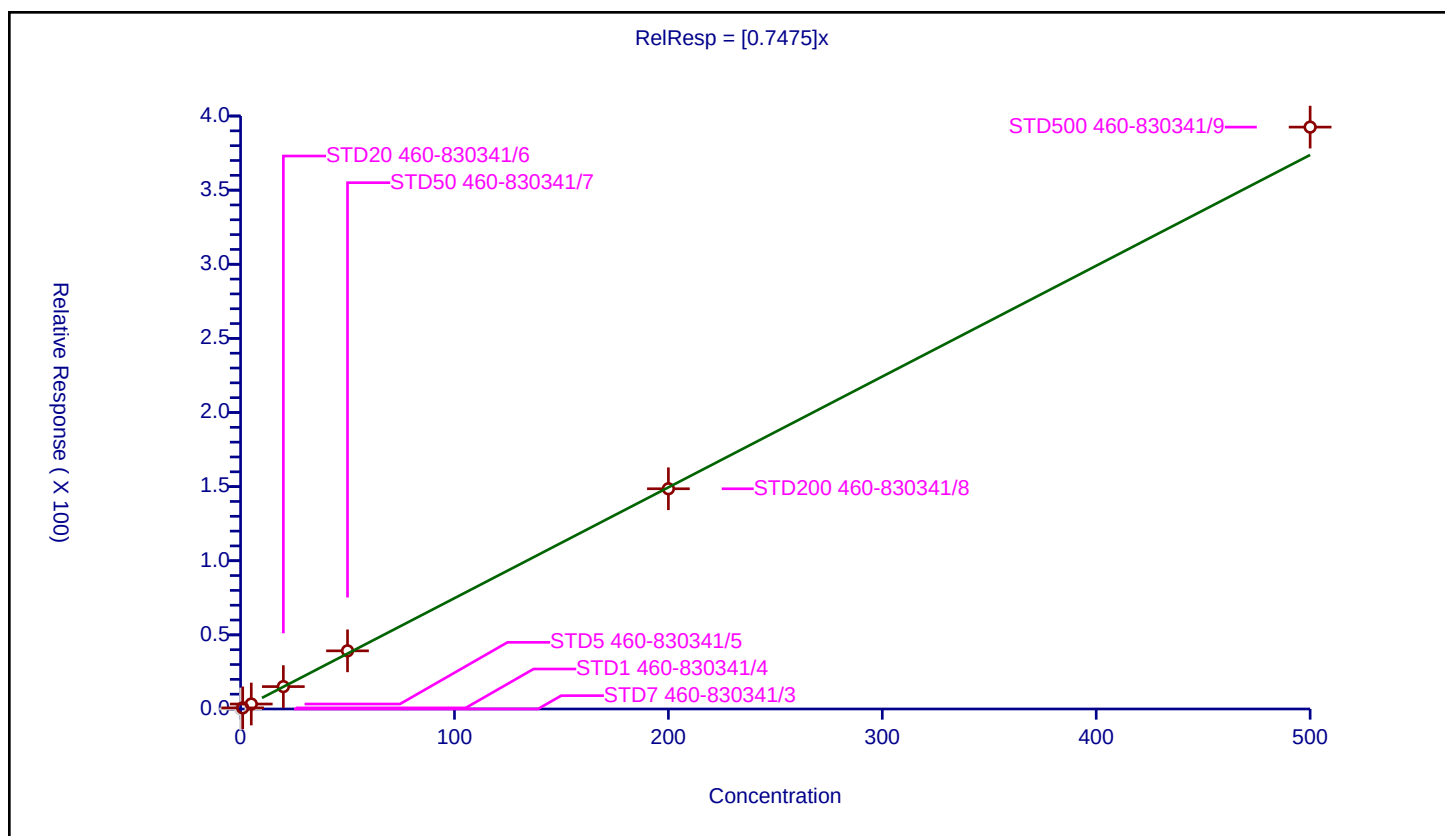
Curve Coefficients

Intercept: 0
Slope: 0.7475

Error Coefficients

Standard Error: 1930000
Relative Standard Error: 5.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.745959	50.0	463229.0	0.745959	Y
3	STD5 460-830341/5	5.0	3.358457	50.0	450177.0	0.671691	Y
4	STD20 460-830341/6	20.0	15.097705	50.0	492757.0	0.754885	Y
5	STD50 460-830341/7	50.0	39.226845	50.0	505358.0	0.784537	Y
6	STD200 460-830341/8	200.0	148.562217	50.0	504179.0	0.742811	Y
7	STD500 460-830341/9	500.0	392.509827	50.0	512892.0	0.78502	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

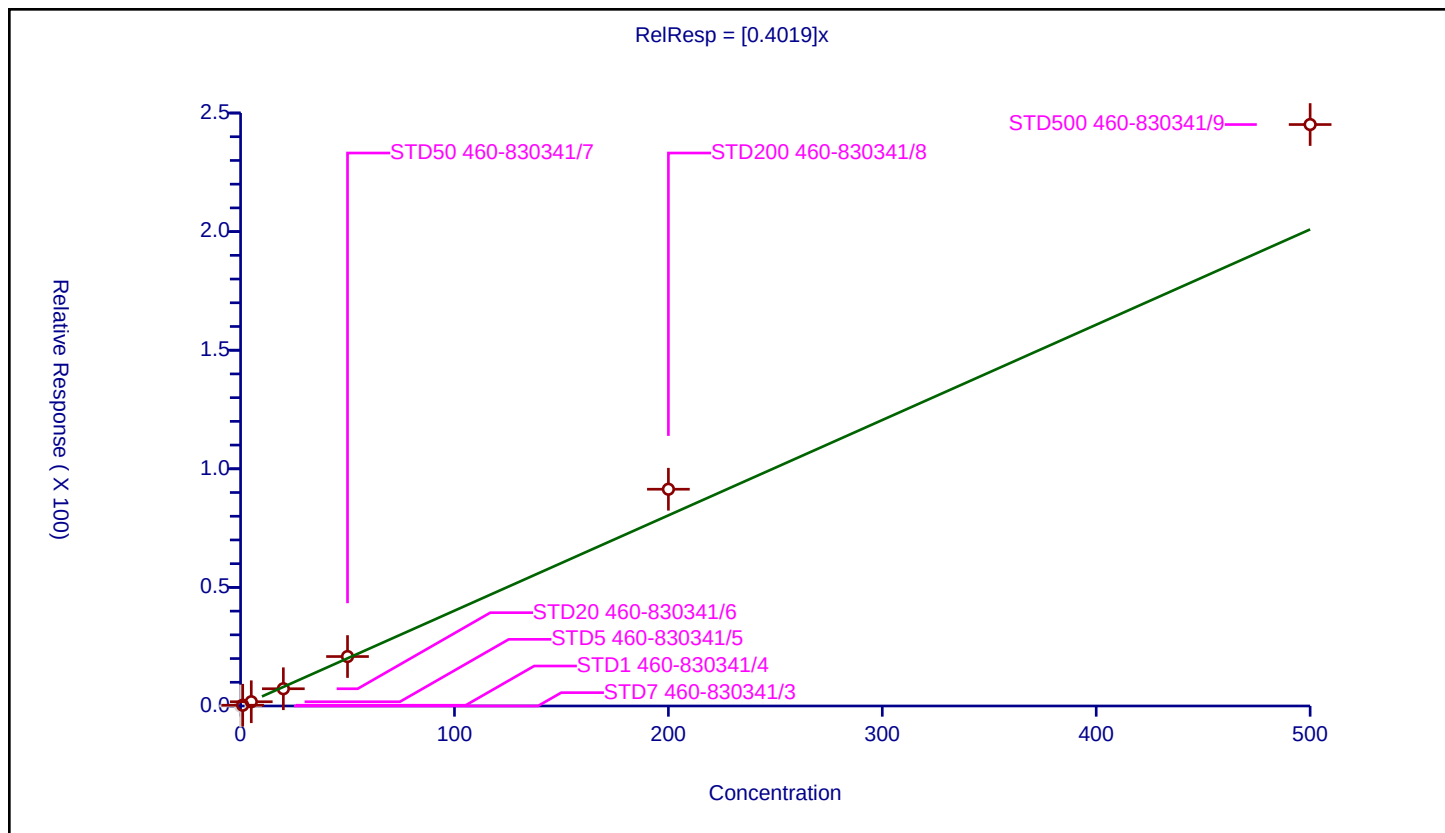
Curve Coefficients

Intercept: 0
Slope: 0.4019

Error Coefficients

Standard Error: 1200000
Relative Standard Error: 15.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.324893	50.0	463229.0	0.324893	Y
3	STD5 460-830341/5	5.0	1.793295	50.0	450177.0	0.358659	Y
4	STD20 460-830341/6	20.0	7.266868	50.0	492757.0	0.363343	Y
5	STD50 460-830341/7	50.0	20.853138	50.0	505358.0	0.417063	Y
6	STD200 460-830341/8	200.0	91.381533	50.0	504179.0	0.456908	Y
7	STD500 460-830341/9	500.0	245.144202	50.0	512892.0	0.490288	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

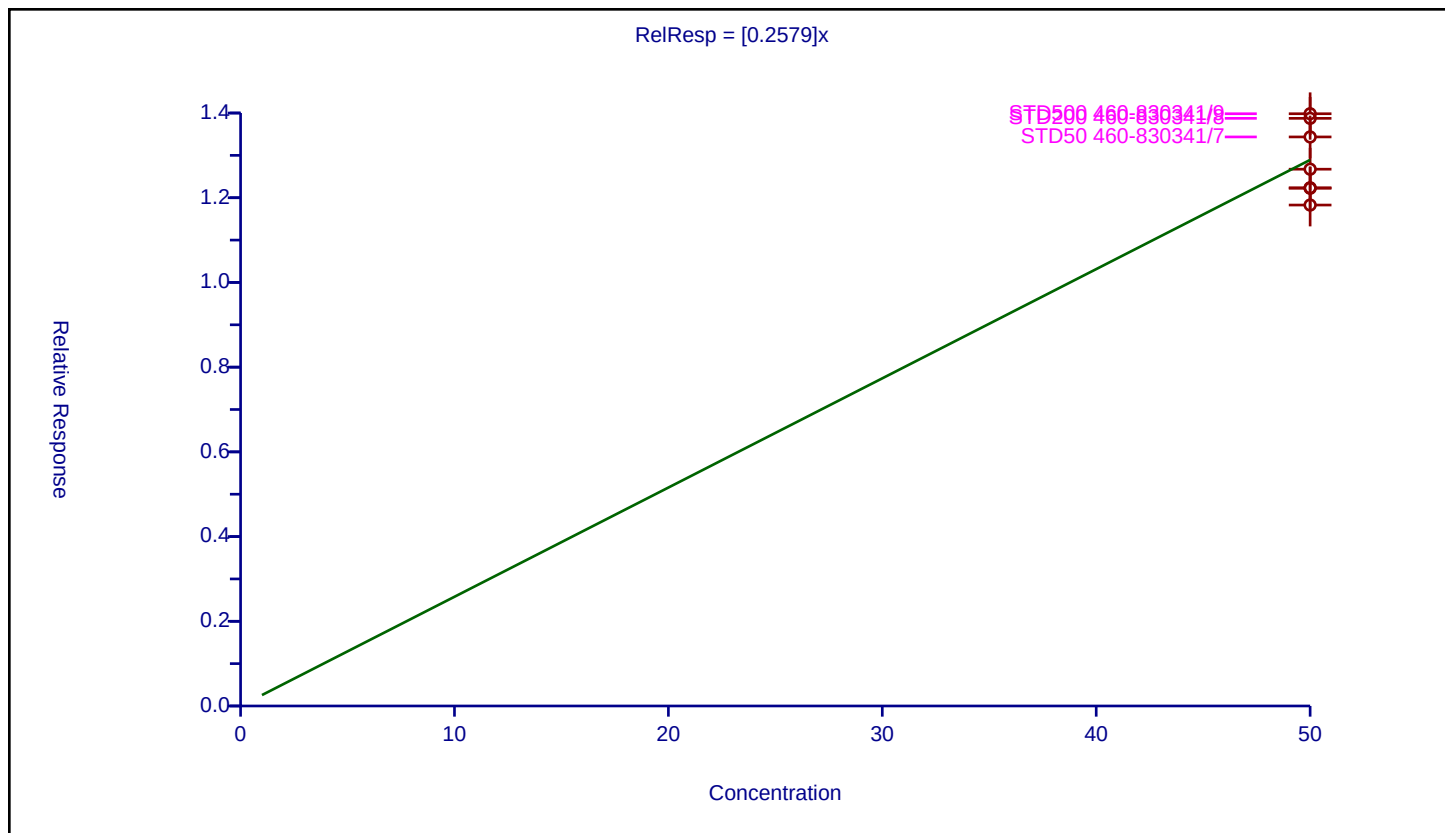
Curve Coefficients

Intercept: 0
 Slope: 0.2579

Error Coefficients

Standard Error: 136000
 Relative Standard Error: 6.7
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	50.0	11.82726	50.0	463273.0	0.236545	Y
2	STD1 460-830341/4	50.0	12.235525	50.0	463229.0	0.24471	Y
3	STD5 460-830341/5	50.0	12.223081	50.0	450177.0	0.244462	Y
4	STD20 460-830341/6	50.0	12.67359	50.0	492757.0	0.253472	Y
5	STD50 460-830341/7	50.0	13.43503	50.0	505358.0	0.268701	Y
6	STD200 460-830341/8	50.0	13.873842	50.0	504179.0	0.277477	Y
7	STD500 460-830341/9	50.0	13.982866	50.0	512892.0	0.279657	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

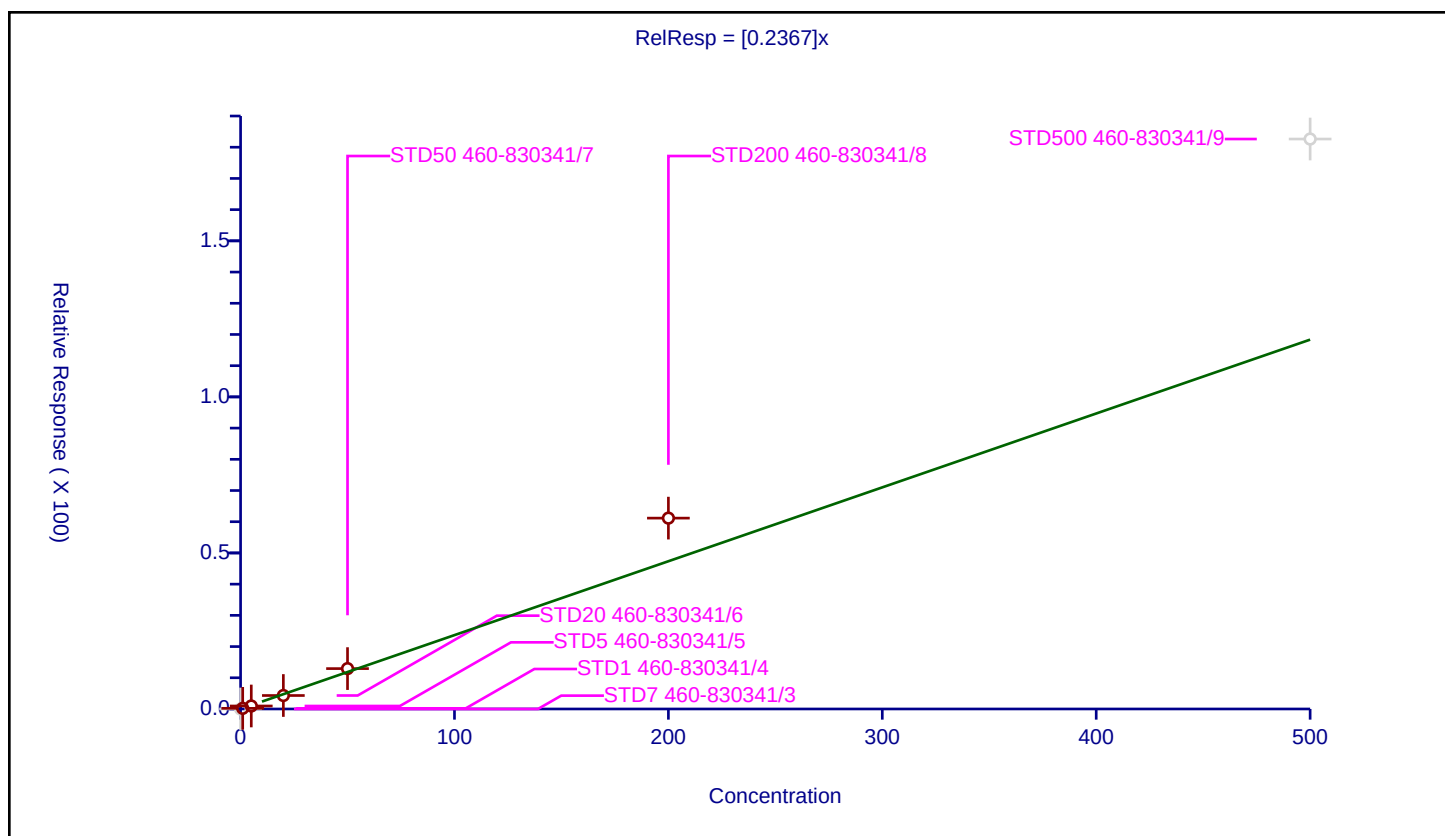
Curve Coefficients

Intercept: 0
Slope: 0.2367

Error Coefficients

Standard Error: 316000
Relative Standard Error: 19.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.211127	50.0	463229.0	0.211127	Y
3	STD5 460-830341/5	5.0	0.959511	50.0	450177.0	0.191902	Y
4	STD20 460-830341/6	20.0	4.317544	50.0	492757.0	0.215877	Y
5	STD50 460-830341/7	50.0	12.936473	50.0	505358.0	0.258729	Y
6	STD200 460-830341/8	200.0	61.161512	50.0	504179.0	0.305808	Y
7	STD500 460-830341/9	500.0	182.627922	50.0	512892.0	0.365256	N



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

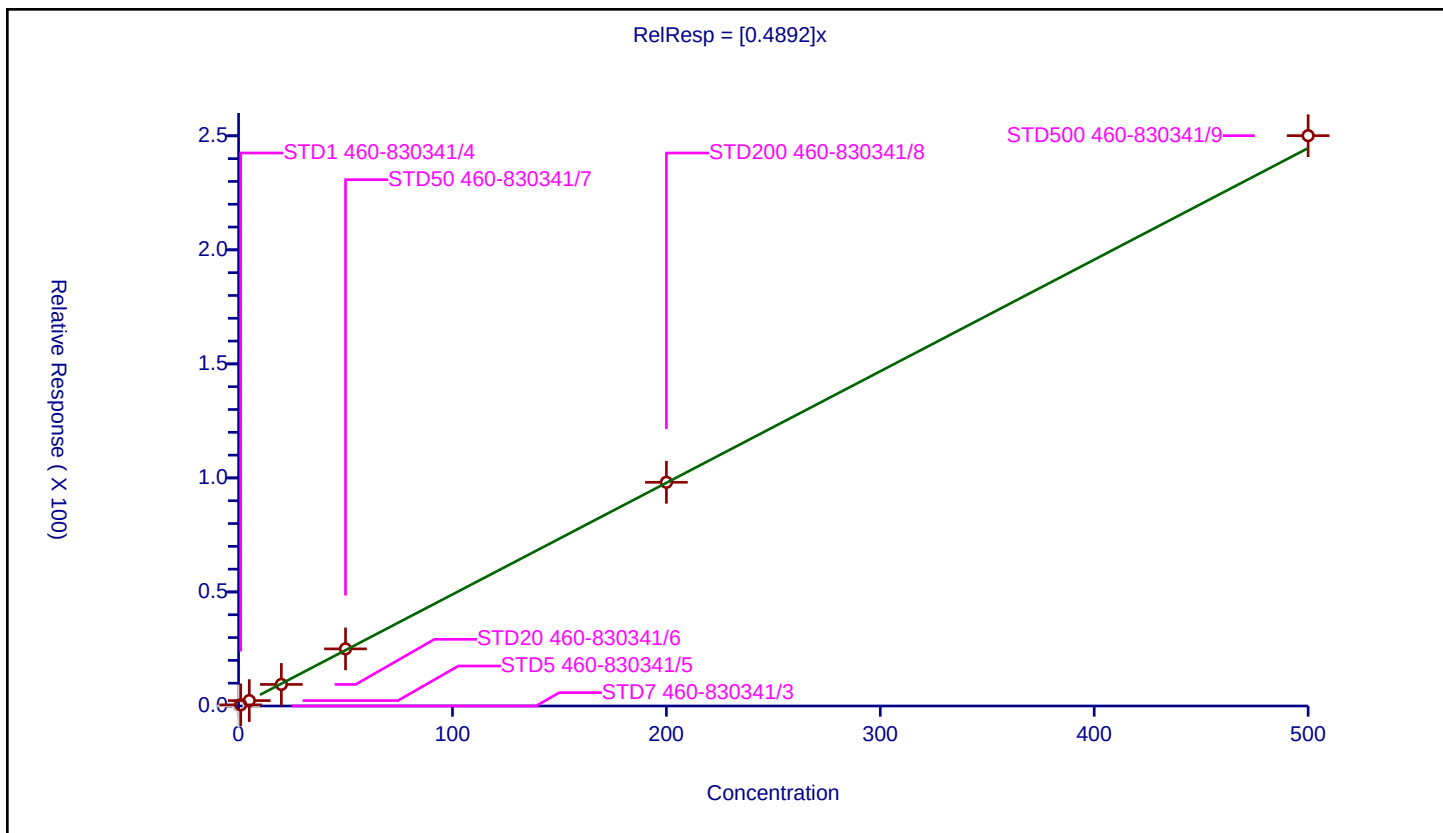
Curve Coefficients

Intercept: 0
 Slope: 0.4892

Error Coefficients

Standard Error: 1240000
 Relative Standard Error: 2.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.498997	50.0	463229.0	0.498997	Y
3	STD5 460-830341/5	5.0	2.362515	50.0	450177.0	0.472503	Y
4	STD20 460-830341/6	20.0	9.448268	50.0	492757.0	0.472413	Y
5	STD50 460-830341/7	50.0	25.040466	50.0	505358.0	0.500809	Y
6	STD200 460-830341/8	200.0	98.078262	50.0	504179.0	0.490391	Y
7	STD500 460-830341/9	500.0	250.067363	50.0	512892.0	0.500135	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

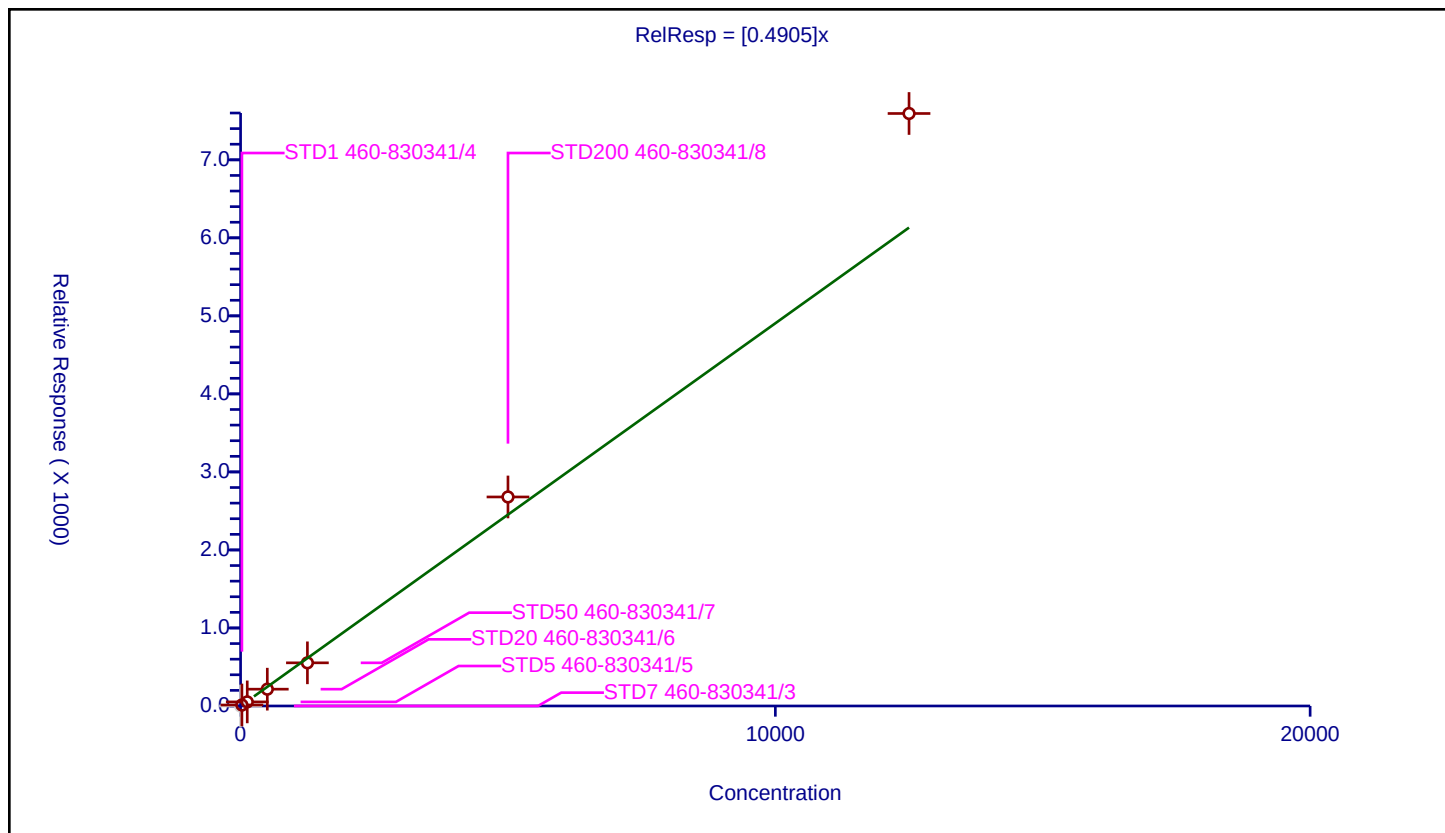
Curve Coefficients

Intercept: 0
 Slope: 0.4905

Error Coefficients

Standard Error: 1070000
 Relative Standard Error: 14.9
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	25.0	12.648504	1000.0	173143.0	0.50594	Y
3	STD5 460-830341/5	125.0	52.546008	1000.0	173448.0	0.420368	Y
4	STD20 460-830341/6	500.0	215.377128	1000.0	186979.0	0.430754	Y
5	STD50 460-830341/7	1250.0	553.323002	1000.0	224556.0	0.442658	Y
6	STD200 460-830341/8	5000.0	2679.181994	1000.0	271294.0	0.535836	Y
7	STD500 460-830341/9	12500.0	7593.753656	1000.0	299183.0	0.6075	Y



Calibration

/ Isooctane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

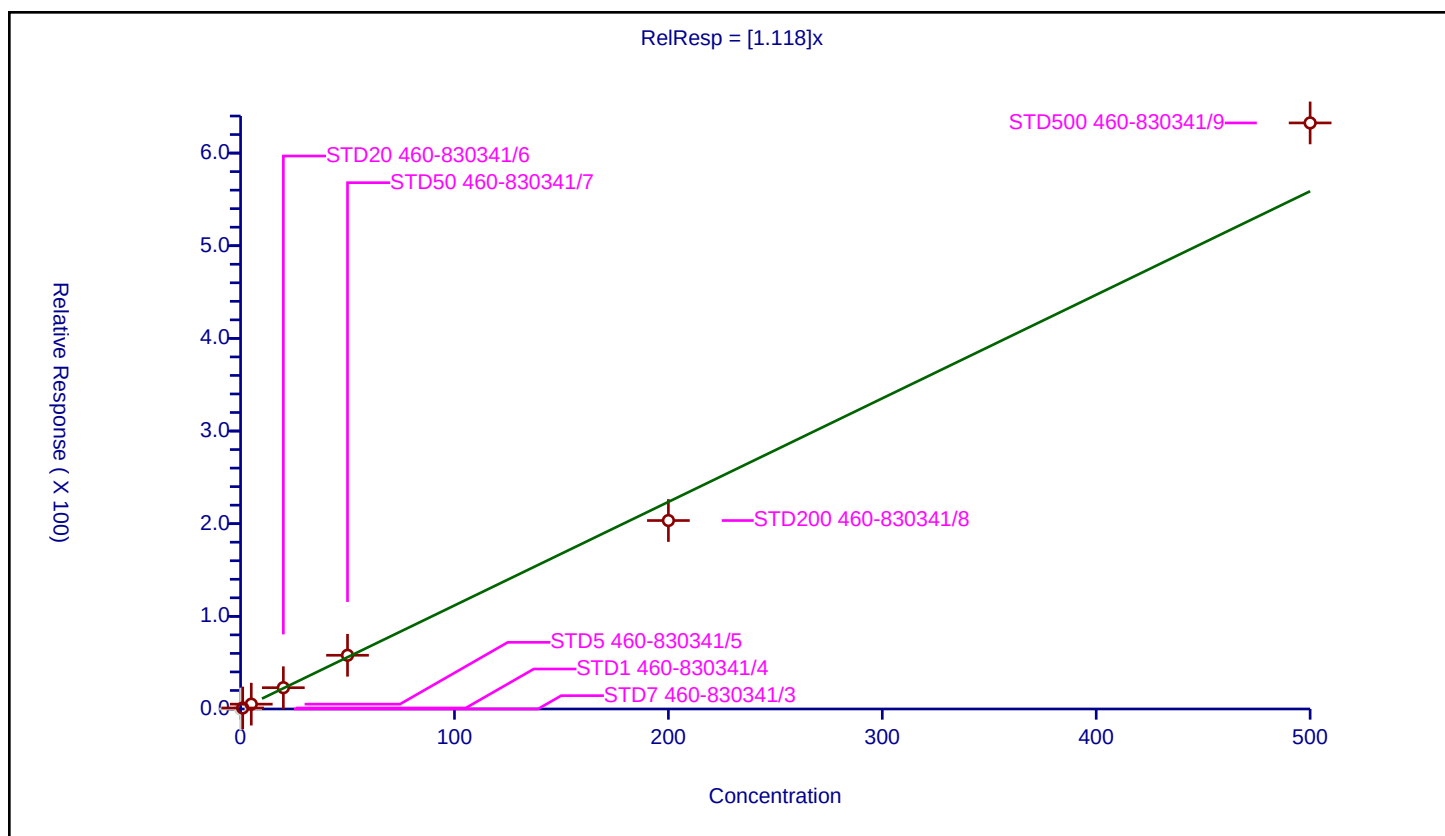
Curve Coefficients

Intercept: 0
 Slope: 1.118

Error Coefficients

Standard Error: 3060000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.993
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	1.069126	50.0	463229.0	1.069126	Y
3	STD5 460-830341/5	5.0	5.224612	50.0	450177.0	1.044922	Y
4	STD20 460-830341/6	20.0	22.994498	50.0	492757.0	1.149725	Y
5	STD50 460-830341/7	50.0	57.982658	50.0	505358.0	1.159653	Y
6	STD200 460-830341/8	200.0	203.423883	50.0	504179.0	1.017119	Y
7	STD500 460-830341/9	500.0	632.55003	50.0	512892.0	1.2651	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

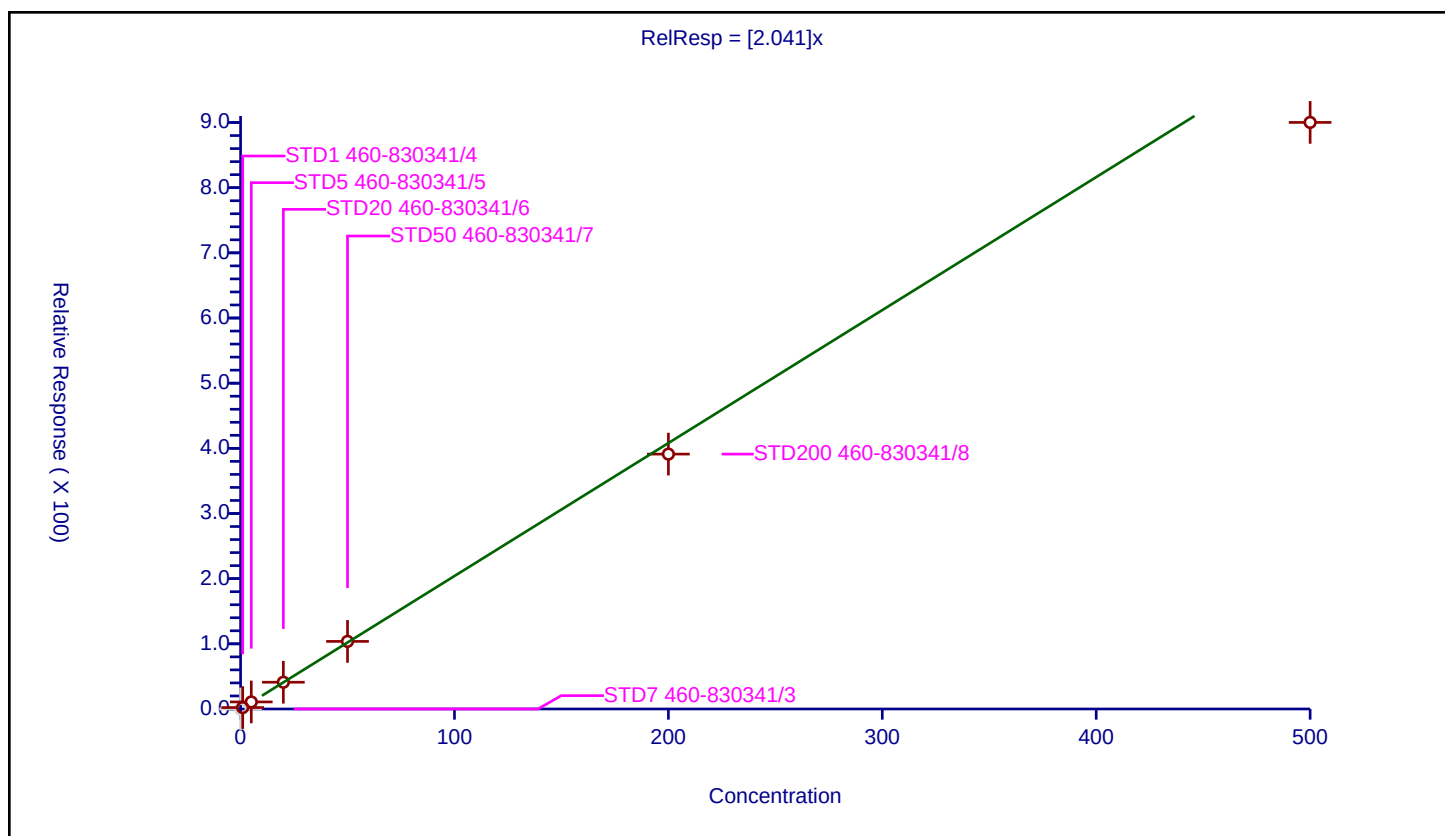
Curve Coefficients

Intercept: 0
Slope: 2.041

Error Coefficients

Standard Error: 3340000
Relative Standard Error: 7.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	2.197244	50.0	313074.0	2.197244	Y
3	STD5 460-830341/5	5.0	10.813013	50.0	303144.0	2.162603	Y
4	STD20 460-830341/6	20.0	41.064624	50.0	337490.0	2.053231	Y
5	STD50 460-830341/7	50.0	103.708325	50.0	354648.0	2.074166	Y
6	STD200 460-830341/8	200.0	391.153951	50.0	365440.0	1.95577	Y
7	STD500 460-830341/9	500.0	900.177231	50.0	381140.0	1.800354	Y



Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

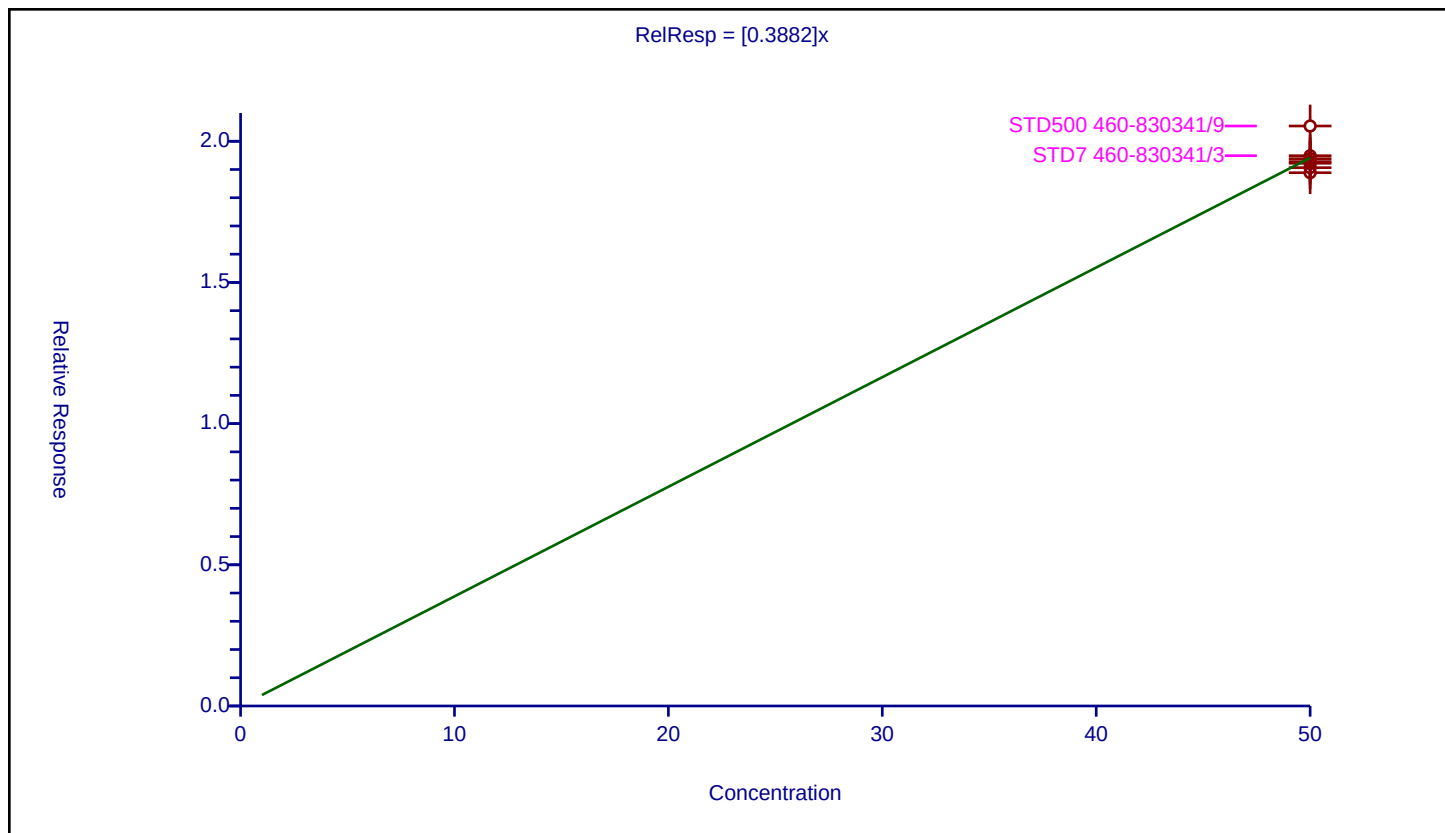
Curve Coefficients

Intercept: 0
 Slope: 0.3882

Error Coefficients

Standard Error: 204000
 Relative Standard Error: 2.8
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	50.0	19.487969	50.0	463273.0	0.389759	Y
2	STD1 460-830341/4	50.0	19.279449	50.0	463229.0	0.385589	Y
3	STD5 460-830341/5	50.0	19.219774	50.0	450177.0	0.384395	Y
4	STD20 460-830341/6	50.0	19.065178	50.0	492757.0	0.381304	Y
5	STD50 460-830341/7	50.0	18.885918	50.0	505358.0	0.377718	Y
6	STD200 460-830341/8	50.0	19.382204	50.0	504179.0	0.387644	Y
7	STD500 460-830341/9	50.0	20.539802	50.0	512892.0	0.410796	Y



Calibration

/ Isopropyl acetate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

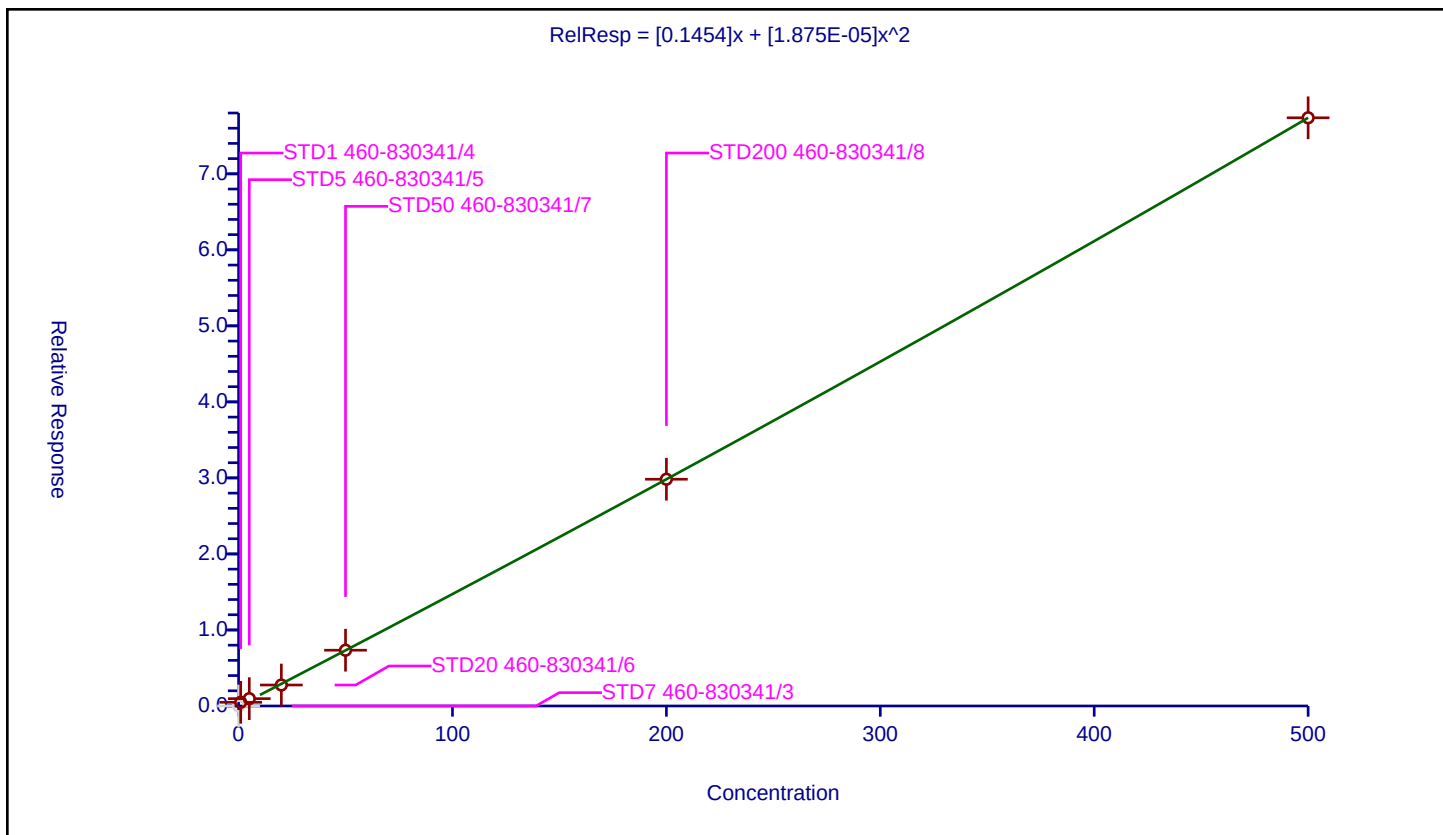
Curve Coefficients

Intercept: 0
 Slope: 0.1454
 Second Order: 1.875E-05

Error Coefficients

Standard Error: 426000
 Relative Standard Error: 117.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.484318	50.0	463229.0	0.484318	Y
3	STD5 460-830341/5	5.0	0.966953	50.0	450177.0	0.193391	Y
4	STD20 460-830341/6	20.0	2.759169	50.0	492757.0	0.137958	Y
5	STD50 460-830341/7	50.0	7.337472	50.0	505358.0	0.146749	Y
6	STD200 460-830341/8	200.0	29.827303	50.0	504179.0	0.149137	Y
7	STD500 460-830341/9	500.0	77.370577	50.0	512892.0	0.154741	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

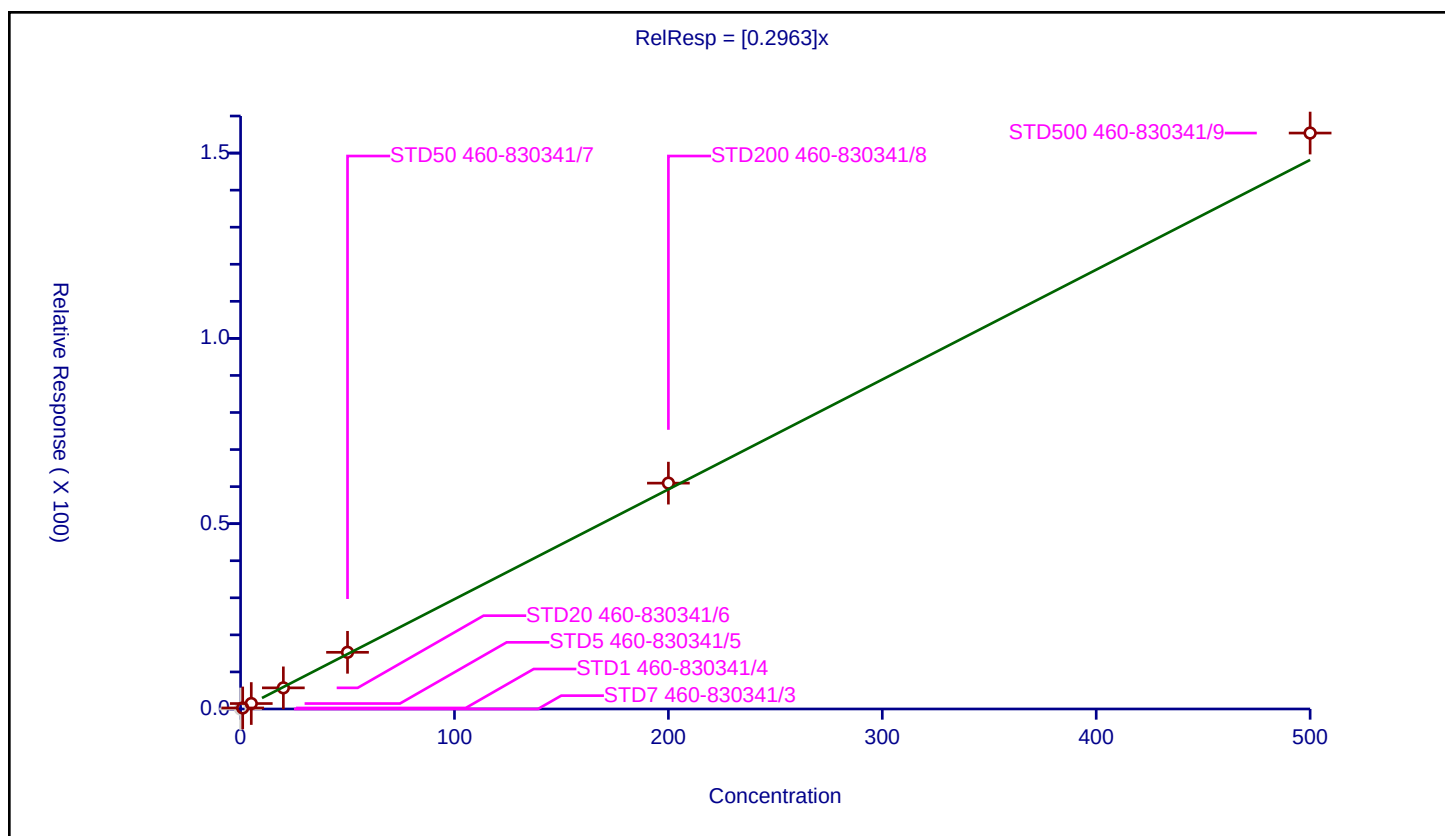
Curve Coefficients

Intercept: 0
 Slope: 0.2963

Error Coefficients

Standard Error: 768000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.277509	50.0	463229.0	0.277509	Y
3	STD5 460-830341/5	5.0	1.469866	50.0	450177.0	0.293973	Y
4	STD20 460-830341/6	20.0	5.70139	50.0	492757.0	0.28507	Y
5	STD50 460-830341/7	50.0	15.290349	50.0	505358.0	0.305807	Y
6	STD200 460-830341/8	200.0	60.944129	50.0	504179.0	0.304721	Y
7	STD500 460-830341/9	500.0	155.399772	50.0	512892.0	0.3108	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

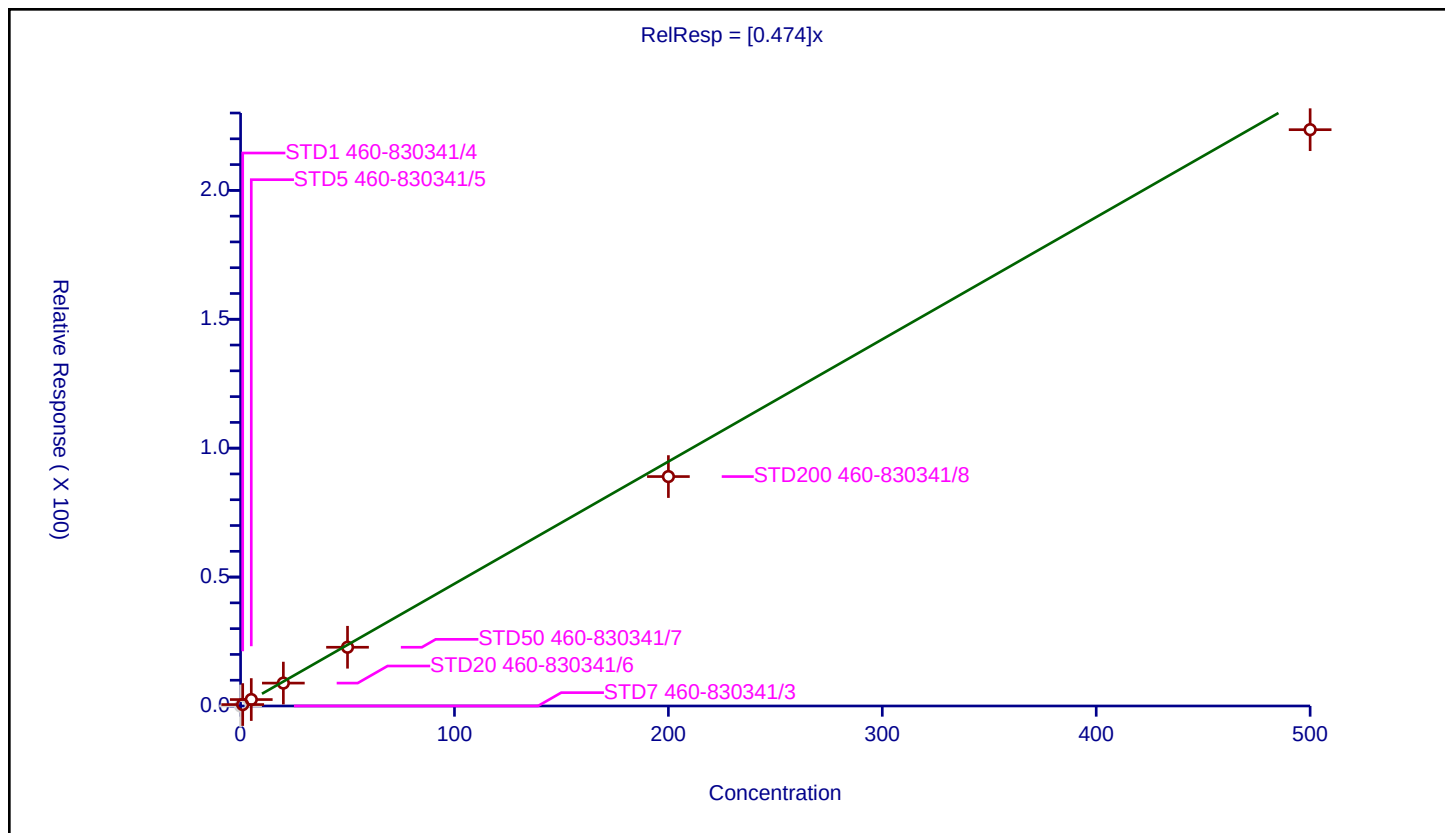
Curve Coefficients

Intercept: 0
 Slope: 0.474

Error Coefficients

Standard Error: 1110000
 Relative Standard Error: 9.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.552966	50.0	463229.0	0.552966	Y
3	STD5 460-830341/5	5.0	2.498684	50.0	450177.0	0.499737	Y
4	STD20 460-830341/6	20.0	8.877601	50.0	492757.0	0.44388	Y
5	STD50 460-830341/7	50.0	22.781869	50.0	505358.0	0.455637	Y
6	STD200 460-830341/8	200.0	88.98665	50.0	504179.0	0.444933	Y
7	STD500 460-830341/9	500.0	223.538386	50.0	512892.0	0.447077	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

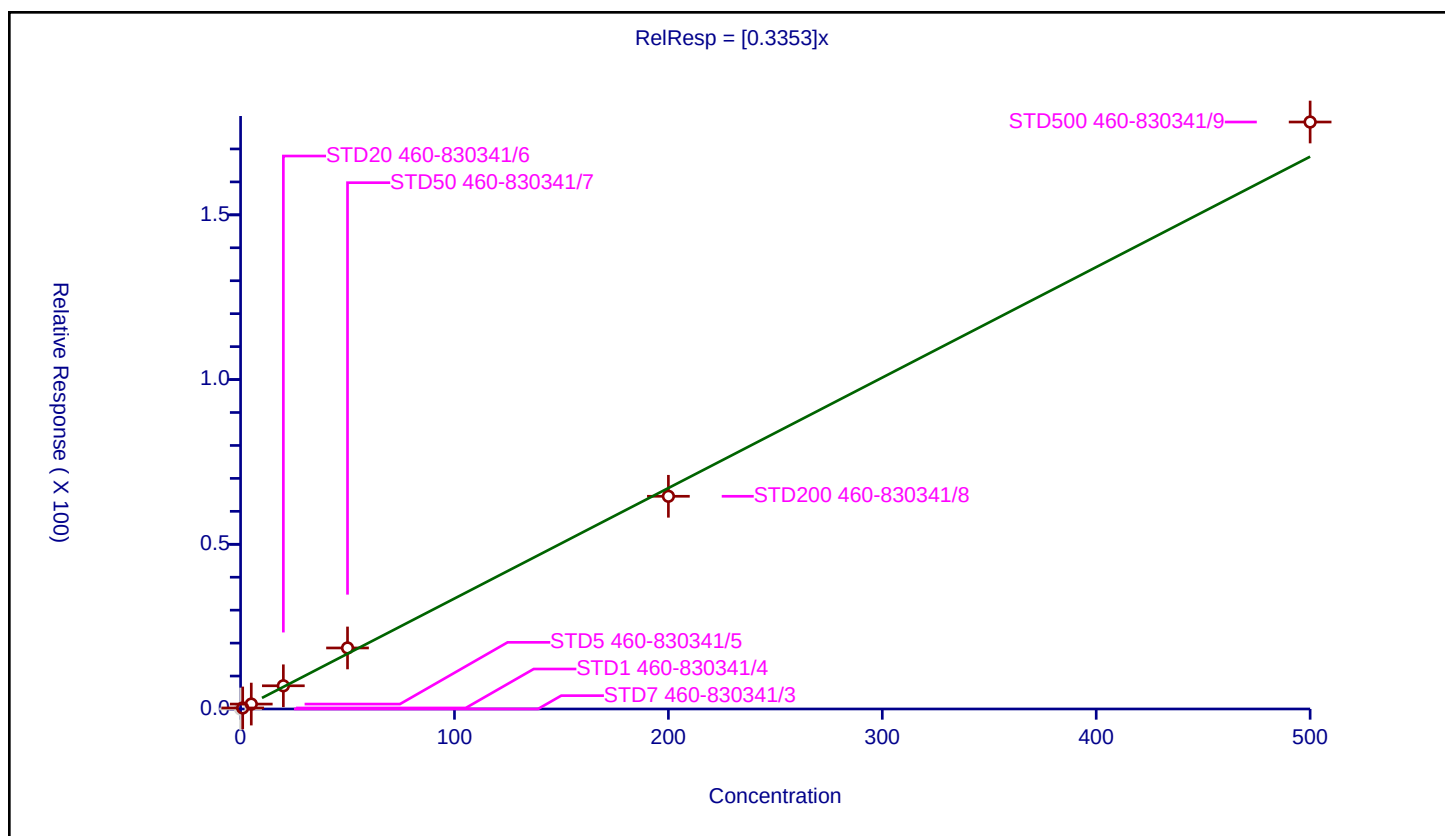
Curve Coefficients

Intercept: 0
 Slope: 0.3353

Error Coefficients

Standard Error: 872000
 Relative Standard Error: 8.5
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.311293	50.0	463229.0	0.311293	Y
3	STD5 460-830341/5	5.0	1.493968	50.0	450177.0	0.298794	Y
4	STD20 460-830341/6	20.0	7.042416	50.0	492757.0	0.352121	Y
5	STD50 460-830341/7	50.0	18.528449	50.0	505358.0	0.370569	Y
6	STD200 460-830341/8	200.0	64.570718	50.0	504179.0	0.322854	Y
7	STD500 460-830341/9	500.0	178.176985	50.0	512892.0	0.356354	Y



Calibration

/ n-Butanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

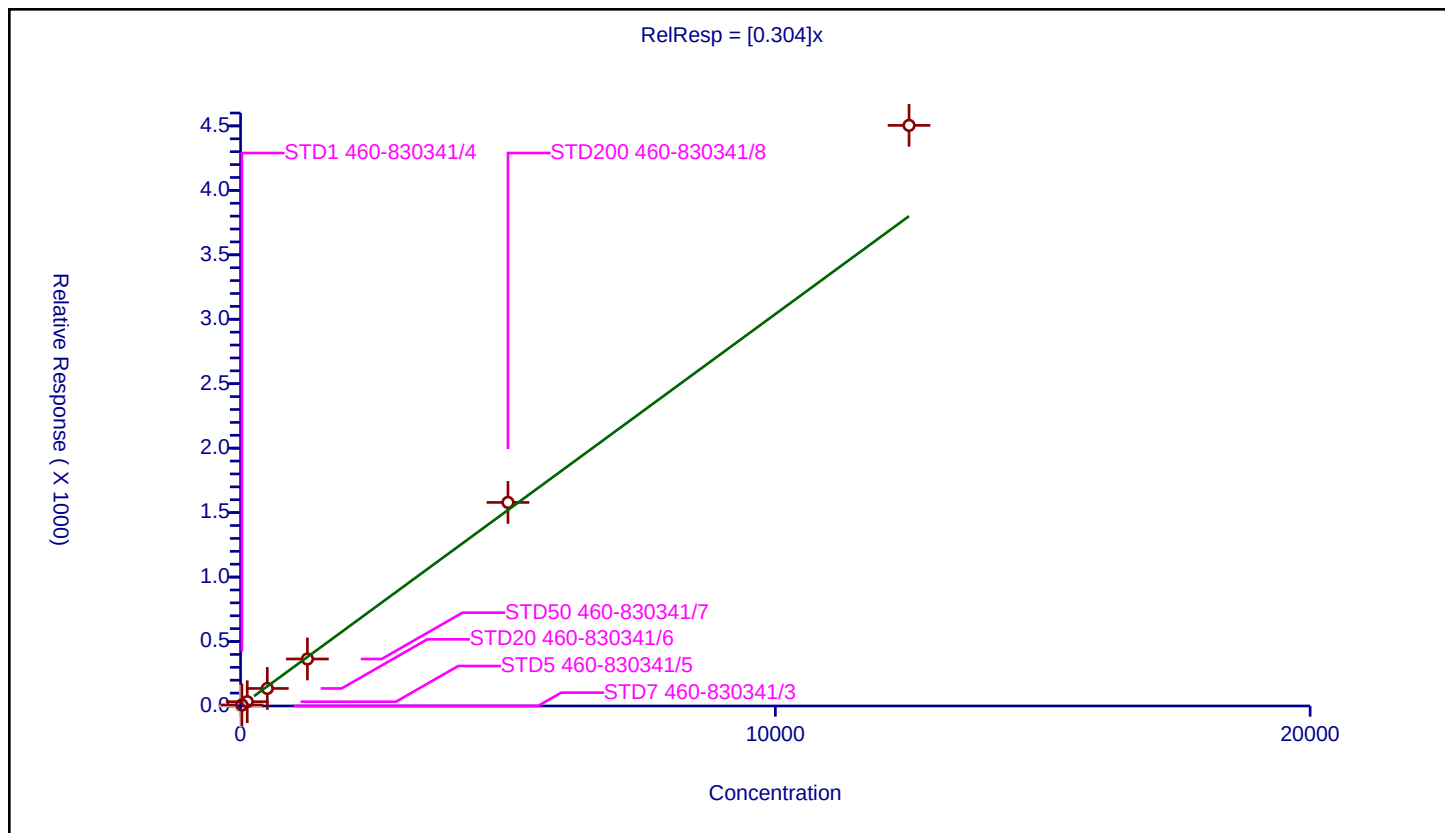
Curve Coefficients

Intercept: 0
 Slope: 0.304

Error Coefficients

Standard Error: 632000
 Relative Standard Error: 11.6
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	160016.0	NaN	N
2	STD1 460-830341/4	25.0	7.981842	1000.0	173143.0	0.319274	Y
3	STD5 460-830341/5	125.0	33.099257	1000.0	173448.0	0.264794	Y
4	STD20 460-830341/6	500.0	136.100846	1000.0	186979.0	0.272202	Y
5	STD50 460-830341/7	1250.0	364.599476	1000.0	224556.0	0.29168	Y
6	STD200 460-830341/8	5000.0	1579.028655	1000.0	271294.0	0.315806	Y
7	STD500 460-830341/9	12500.0	4503.982512	1000.0	299183.0	0.360319	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

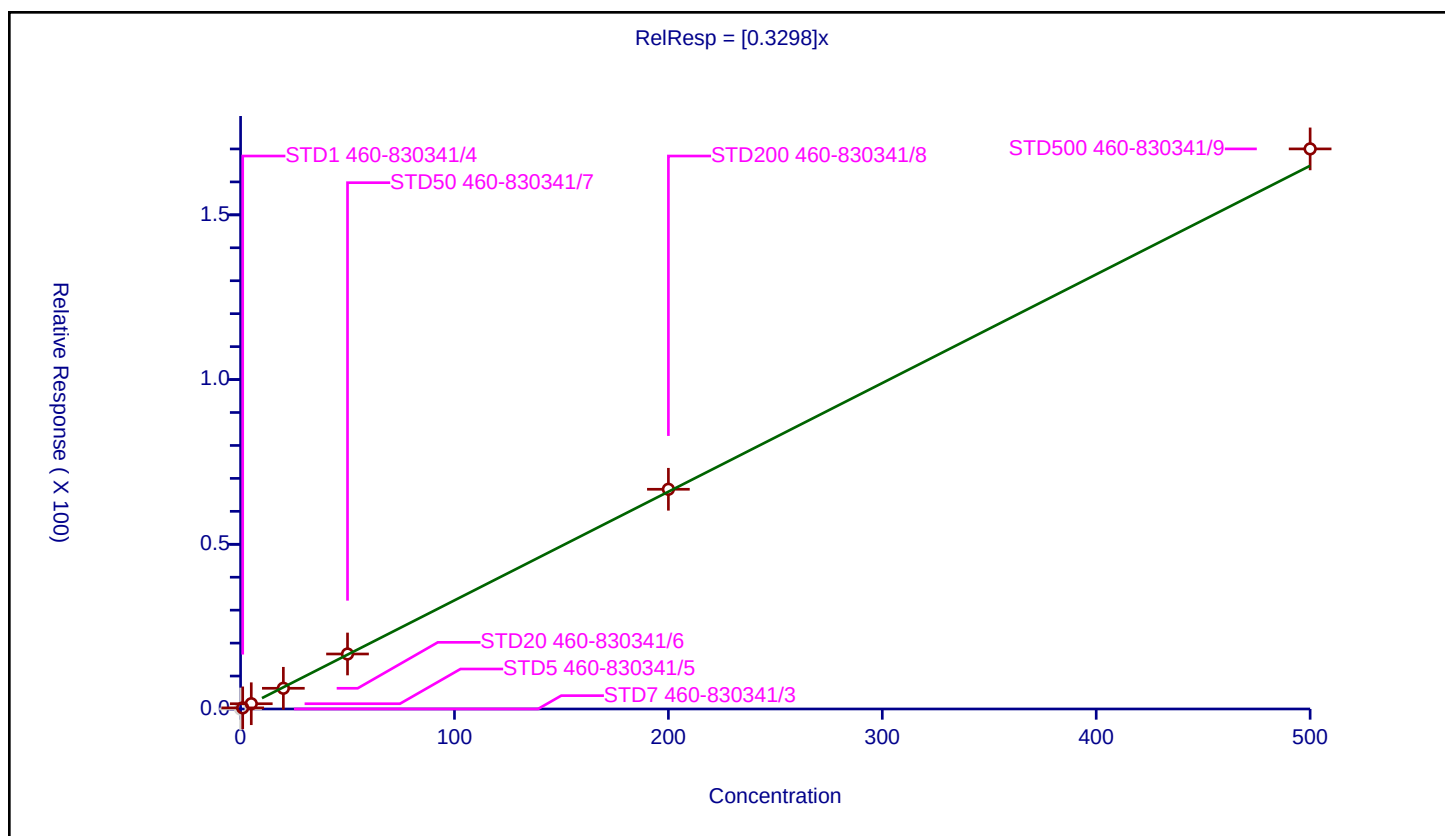
Curve Coefficients

Intercept: 0
 Slope: 0.3298

Error Coefficients

Standard Error: 840000
 Relative Standard Error: 3.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.336766	50.0	463229.0	0.336766	Y
3	STD5 460-830341/5	5.0	1.601814	50.0	450177.0	0.320363	Y
4	STD20 460-830341/6	20.0	6.285654	50.0	492757.0	0.314283	Y
5	STD50 460-830341/7	50.0	16.694897	50.0	505358.0	0.333898	Y
6	STD200 460-830341/8	200.0	66.700616	50.0	504179.0	0.333503	Y
7	STD500 460-830341/9	500.0	170.01669	50.0	512892.0	0.340033	Y



Calibration

/ Ethyl acrylate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

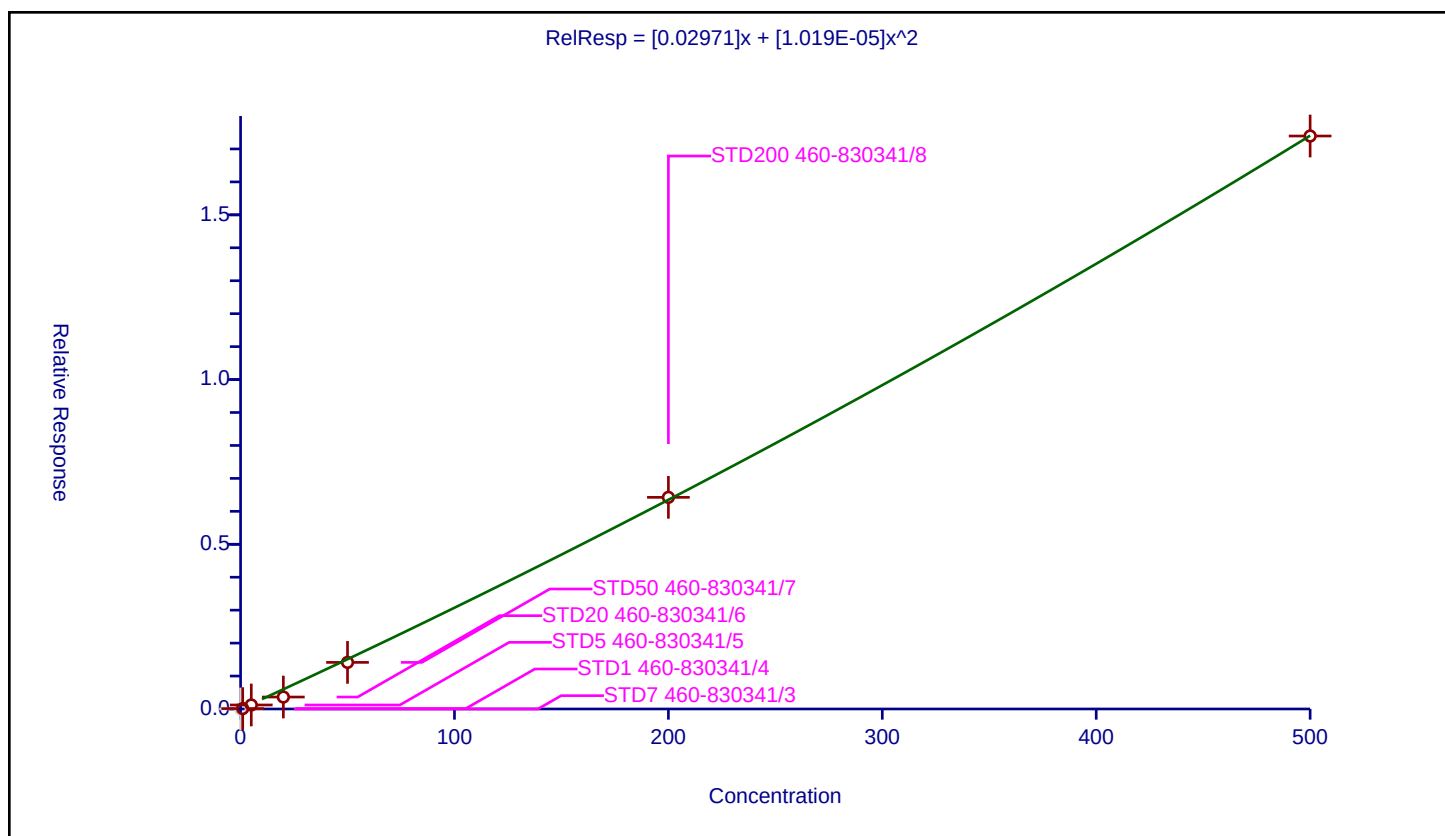
Curve Coefficients

Intercept: 0
 Slope: 0.02971
 Second Order: 1.019E-05

Error Coefficients

Standard Error: 95200
 Relative Standard Error: 37.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.011765	50.0	463229.0	0.011765	Y
3	STD5 460-830341/5	5.0	0.122174	50.0	450177.0	0.024435	Y
4	STD20 460-830341/6	20.0	0.363364	50.0	492757.0	0.018168	Y
5	STD50 460-830341/7	50.0	1.414938	50.0	505358.0	0.028299	Y
6	STD200 460-830341/8	200.0	6.424603	50.0	504179.0	0.032123	Y
7	STD500 460-830341/9	500.0	17.392745	50.0	512892.0	0.034785	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

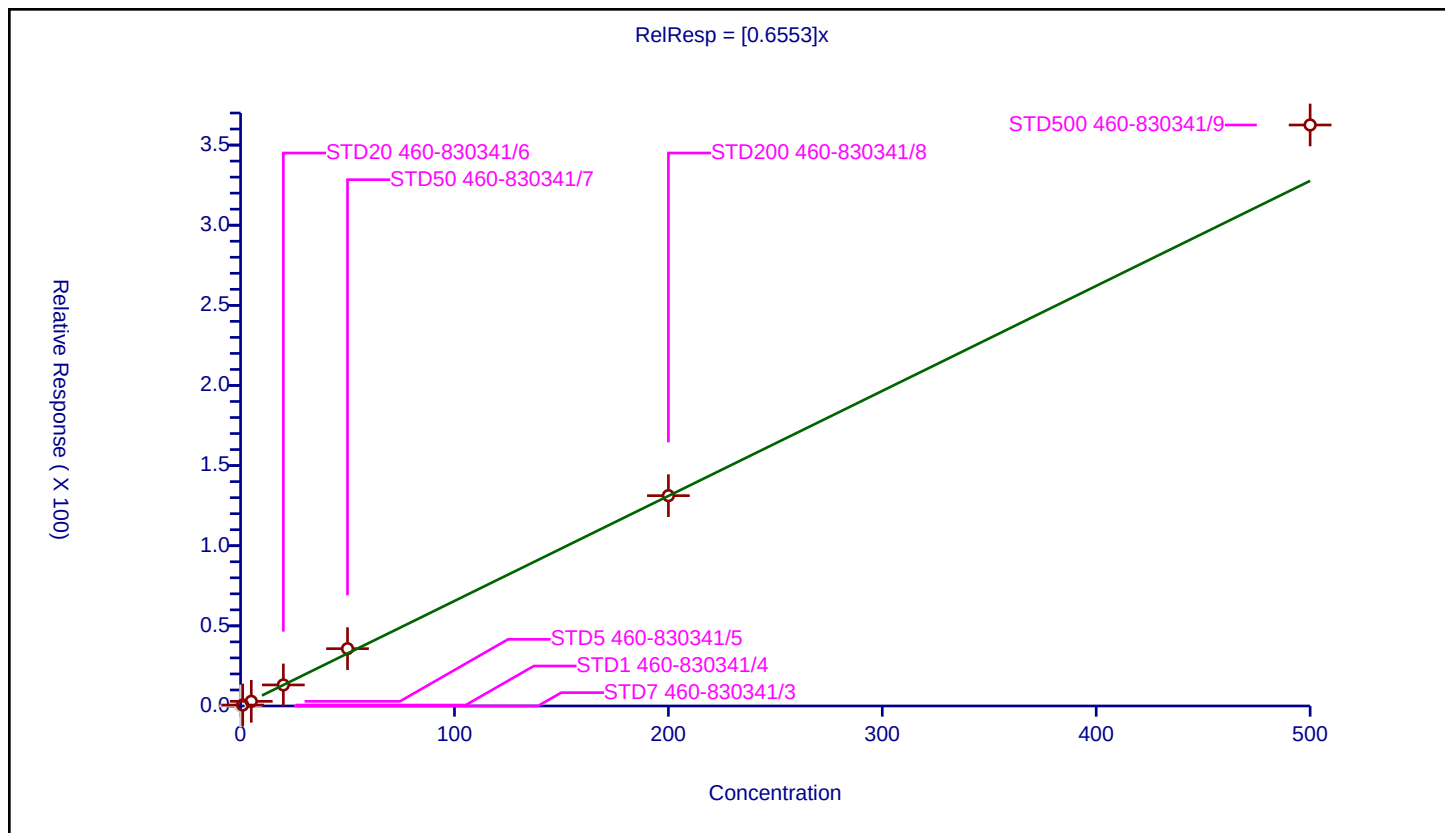
Curve Coefficients

Intercept: 0
Slope: 0.6553

Error Coefficients

Standard Error: 1770000
Relative Standard Error: 9.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.597437	50.0	463229.0	0.597437	Y
3	STD5 460-830341/5	5.0	2.906301	50.0	450177.0	0.58126	Y
4	STD20 460-830341/6	20.0	13.136597	50.0	492757.0	0.65683	Y
5	STD50 460-830341/7	50.0	35.760491	50.0	505358.0	0.71521	Y
6	STD200 460-830341/8	200.0	131.23712	50.0	504179.0	0.656186	Y
7	STD500 460-830341/9	500.0	362.522324	50.0	512892.0	0.725045	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

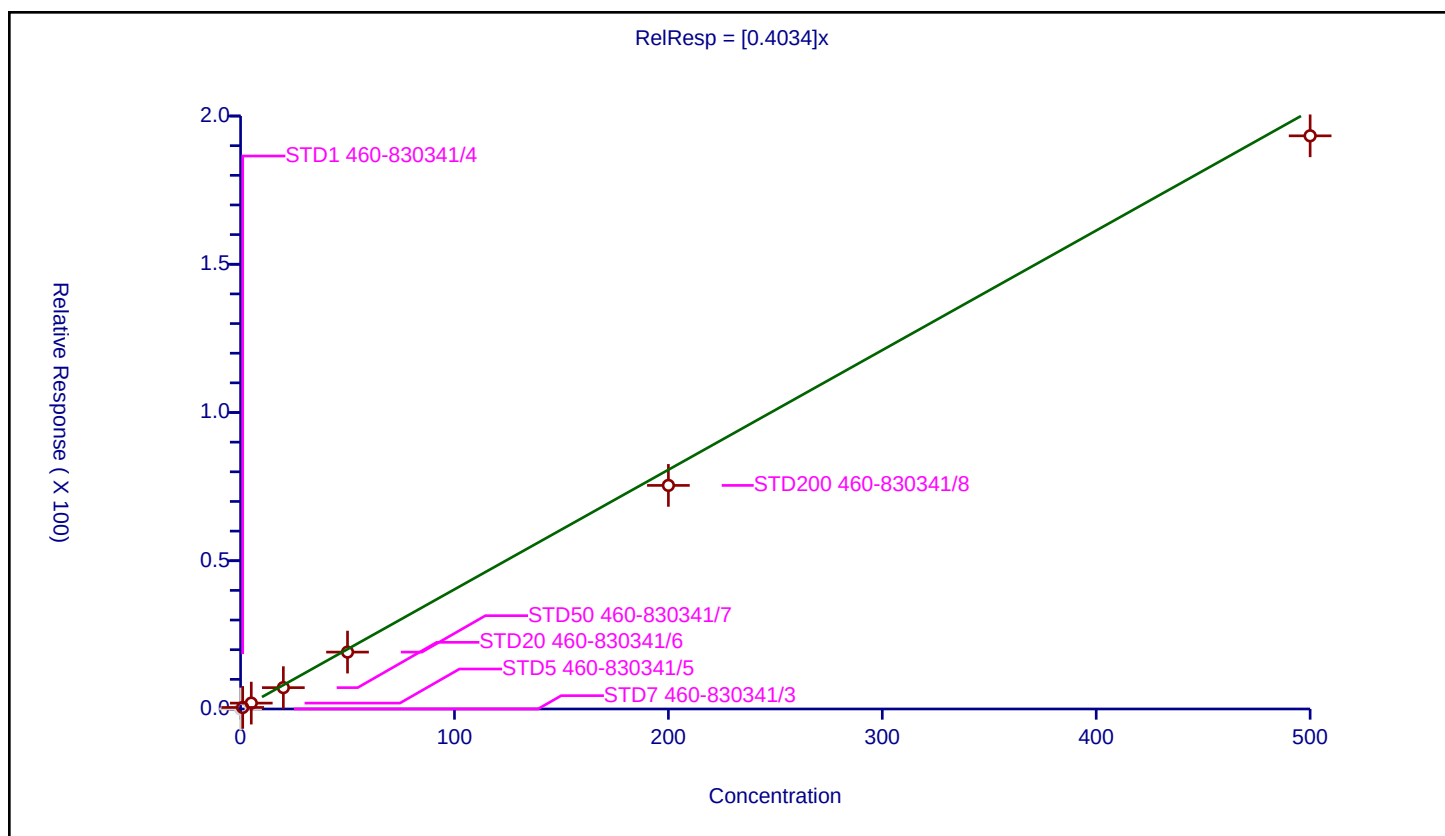
Curve Coefficients

Intercept: 0
 Slope: 0.4034

Error Coefficients

Standard Error: 954000
 Relative Standard Error: 14.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.515728	50.0	463229.0	0.515728	Y
3	STD5 460-830341/5	5.0	1.986996	50.0	450177.0	0.397399	Y
4	STD20 460-830341/6	20.0	7.200608	50.0	492757.0	0.36003	Y
5	STD50 460-830341/7	50.0	19.190059	50.0	505358.0	0.383801	Y
6	STD200 460-830341/8	200.0	75.414387	50.0	504179.0	0.377072	Y
7	STD500 460-830341/9	500.0	193.317794	50.0	512892.0	0.386636	Y



Calibration

/ Methyl methacrylate

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

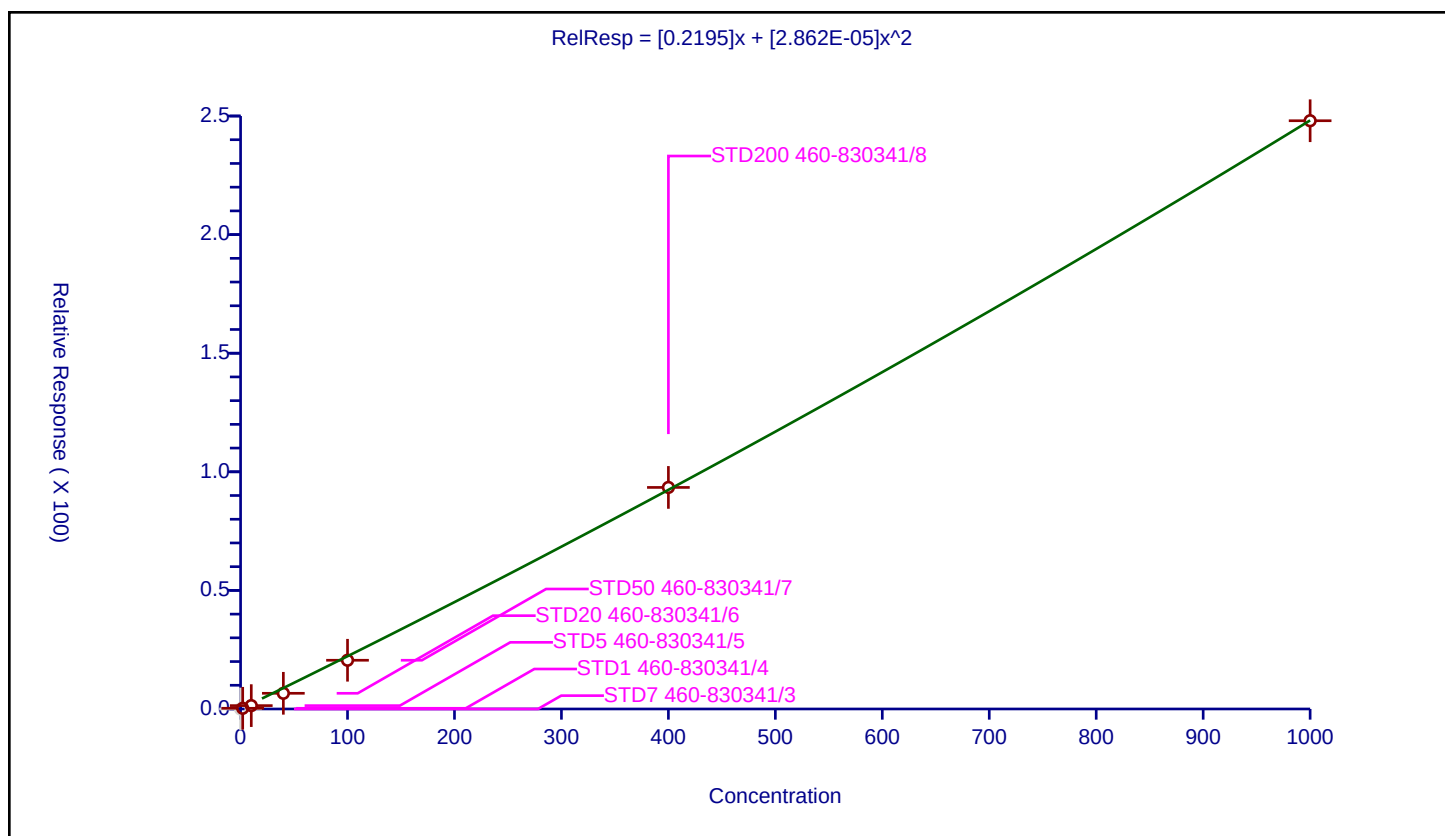
Curve Coefficients

Intercept: 0
Slope: 0.2195
Second Order: 2.862E-05

Error Coefficients

Standard Error: 1360000
Relative Standard Error: 27.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	2.0	0.292404	50.0	463229.0	0.146202	Y
3	STD5 460-830341/5	10.0	1.426772	50.0	450177.0	0.142677	Y
4	STD20 460-830341/6	40.0	6.621925	50.0	492757.0	0.165548	Y
5	STD50 460-830341/7	100.0	20.550184	50.0	505358.0	0.205502	Y
6	STD200 460-830341/8	400.0	93.411269	50.0	504179.0	0.233528	Y
7	STD500 460-830341/9	1000.0	248.008645	50.0	512892.0	0.248009	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

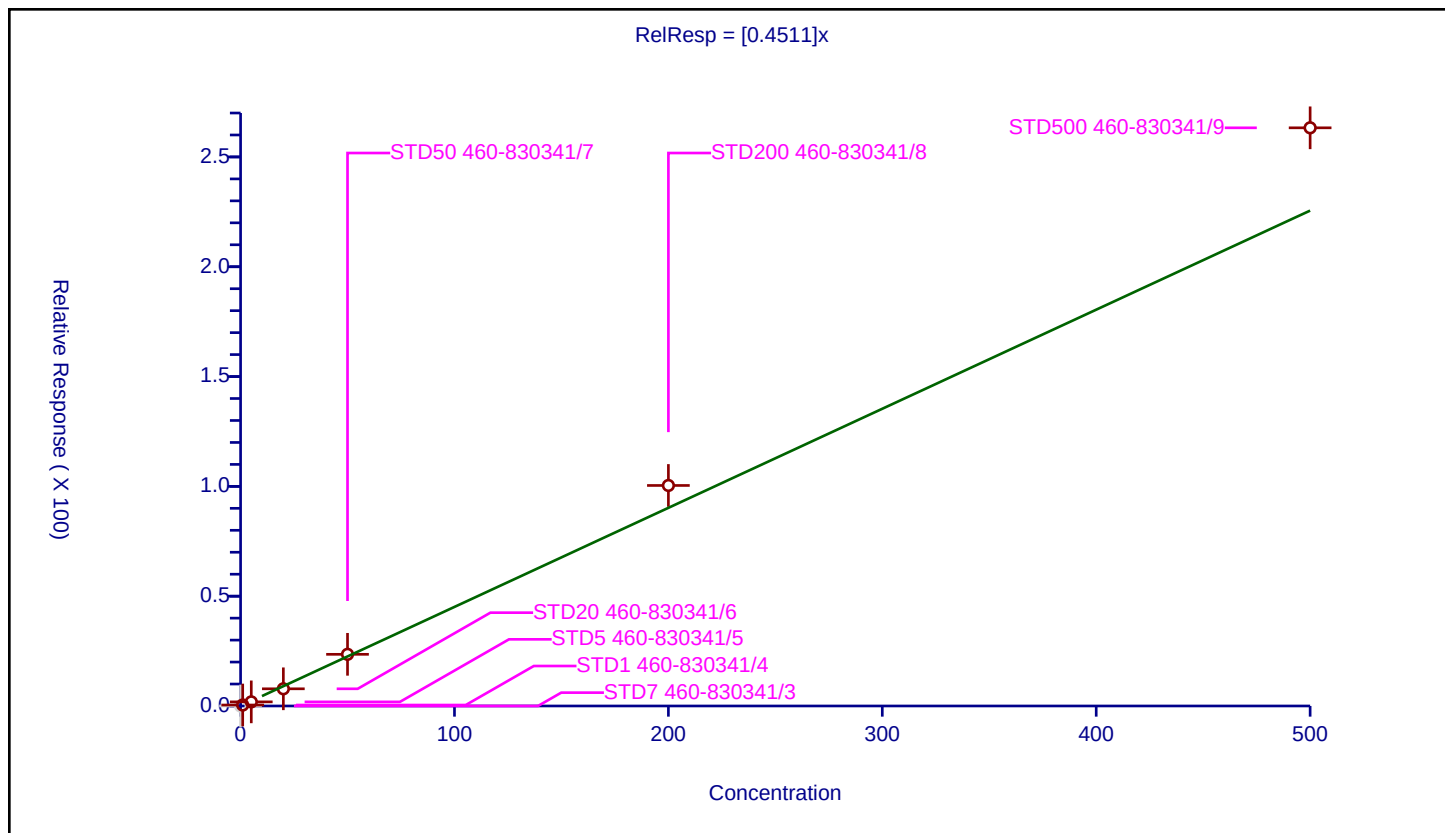
Curve Coefficients

Intercept: 0
 Slope: 0.4511

Error Coefficients

Standard Error: 1290000
 Relative Standard Error: 13.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.440279	50.0	463229.0	0.440279	Y
3	STD5 460-830341/5	5.0	1.879705	50.0	450177.0	0.375941	Y
4	STD20 460-830341/6	20.0	7.827083	50.0	492757.0	0.391354	Y
5	STD50 460-830341/7	50.0	23.529162	50.0	505358.0	0.470583	Y
6	STD200 460-830341/8	200.0	100.406602	50.0	504179.0	0.502033	Y
7	STD500 460-830341/9	500.0	263.265463	50.0	512892.0	0.526531	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

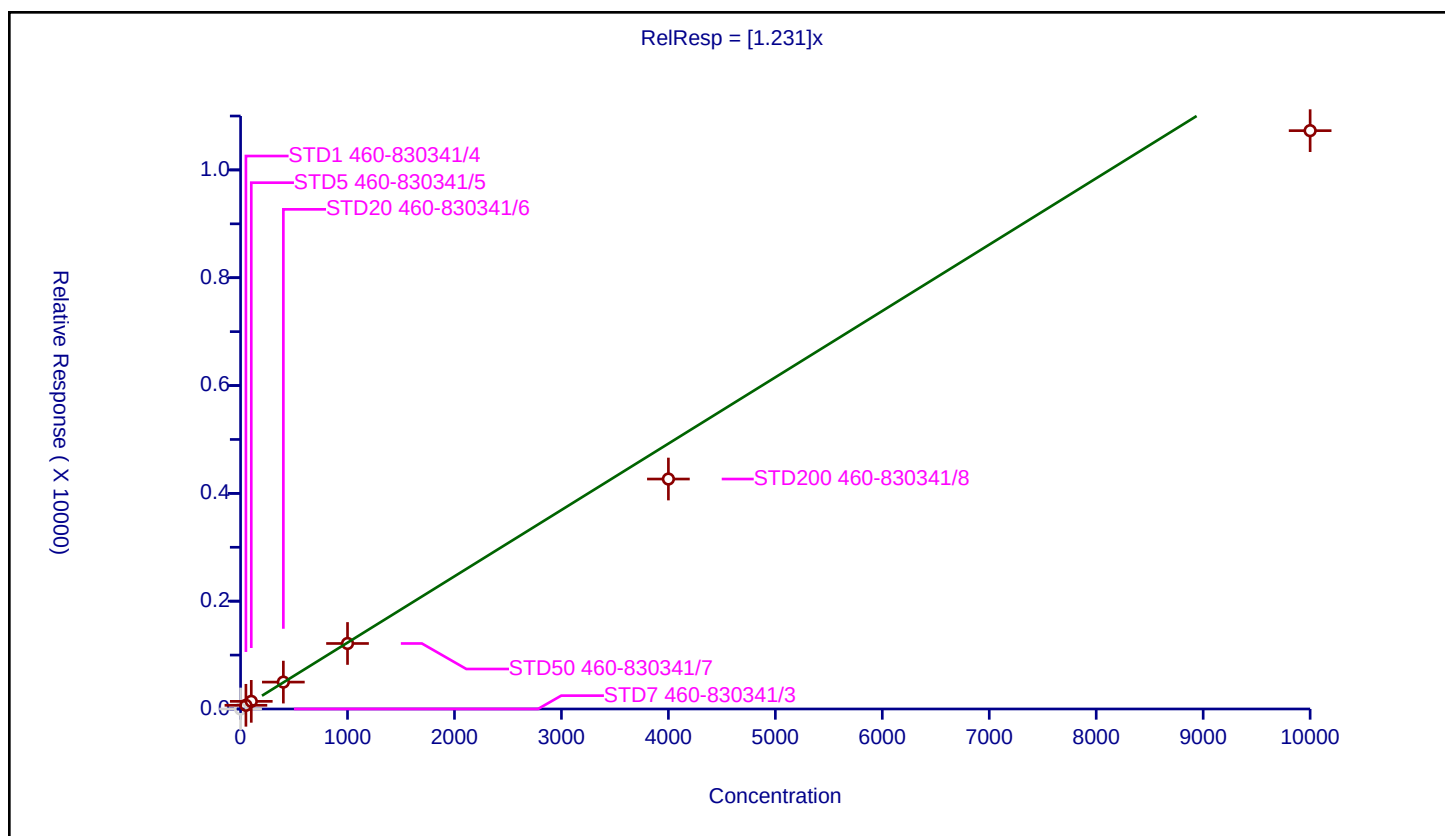
Curve Coefficients

Intercept: 0
 Slope: 1.231

Error Coefficients

Standard Error: 199000
 Relative Standard Error: 11.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	1000.0	27495.0	NaN	N
2	STD1 460-830341/4	50.000062	68.363273	1000.0	26052.0	1.367264	Y
3	STD5 460-830341/5	100.0	141.519093	1000.0	26371.0	1.415191	Y
4	STD20 460-830341/6	400.0	498.679062	1000.0	29903.0	1.246698	Y
5	STD50 460-830341/7	1000.0	1215.027544	1000.0	33219.0	1.215028	Y
6	STD200 460-830341/8	4000.0	4266.120331	1000.0	38926.0	1.06653	Y
7	STD500 460-830341/9	10000.0	10728.236242	1000.0	39722.0	1.072824	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

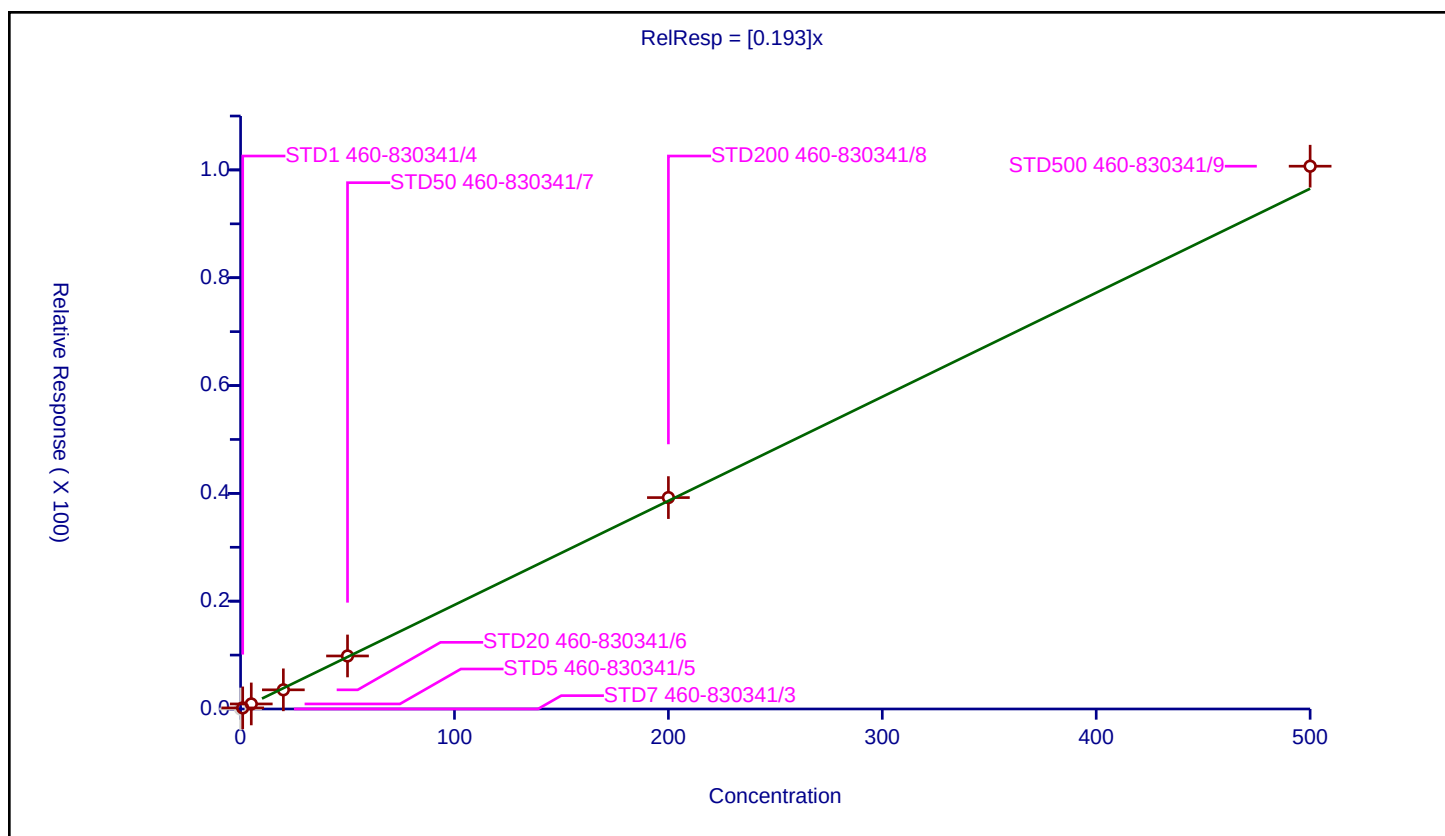
Curve Coefficients

Intercept: 0
Slope: 0.193

Error Coefficients

Standard Error: 497000
Relative Standard Error: 4.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.198498	50.0	463229.0	0.198498	Y
3	STD5 460-830341/5	5.0	0.939741	50.0	450177.0	0.187948	Y
4	STD20 460-830341/6	20.0	3.552867	50.0	492757.0	0.177643	Y
5	STD50 460-830341/7	50.0	9.836393	50.0	505358.0	0.196728	Y
6	STD200 460-830341/8	200.0	39.216627	50.0	504179.0	0.196083	Y
7	STD500 460-830341/9	500.0	100.691081	50.0	512892.0	0.201382	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

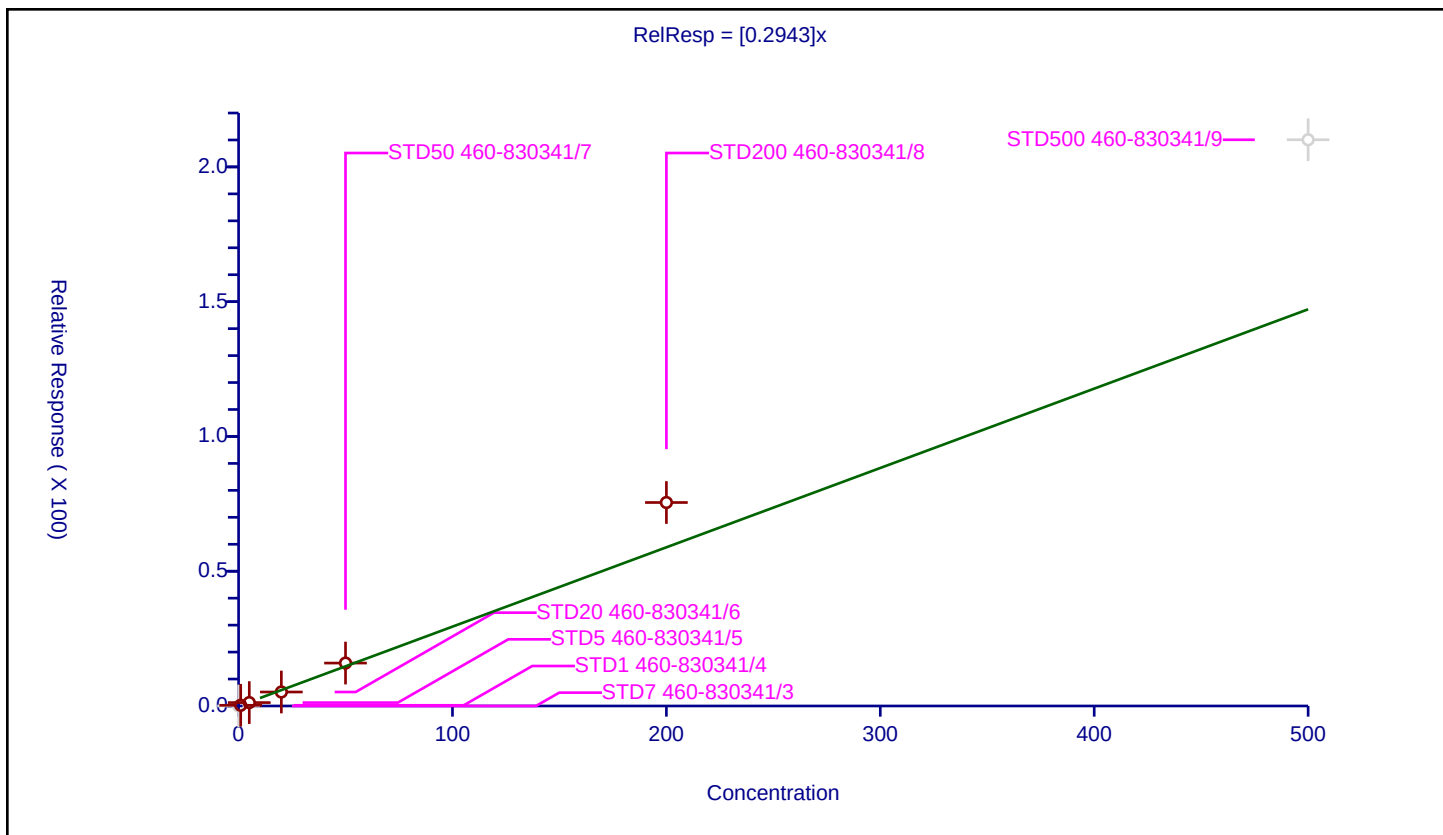
Curve Coefficients

Intercept: 0
 Slope: 0.2943

Error Coefficients

Standard Error: 390000
 Relative Standard Error: 18.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.264556	50.0	463229.0	0.264556	Y
3	STD5 460-830341/5	5.0	1.258394	50.0	450177.0	0.251679	Y
4	STD20 460-830341/6	20.0	5.191809	50.0	492757.0	0.25959	Y
5	STD50 460-830341/7	50.0	15.920397	50.0	505358.0	0.318408	Y
6	STD200 460-830341/8	200.0	75.491046	50.0	504179.0	0.377455	Y
7	STD500 460-830341/9	500.0	210.079315	50.0	512892.0	0.420159	N



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

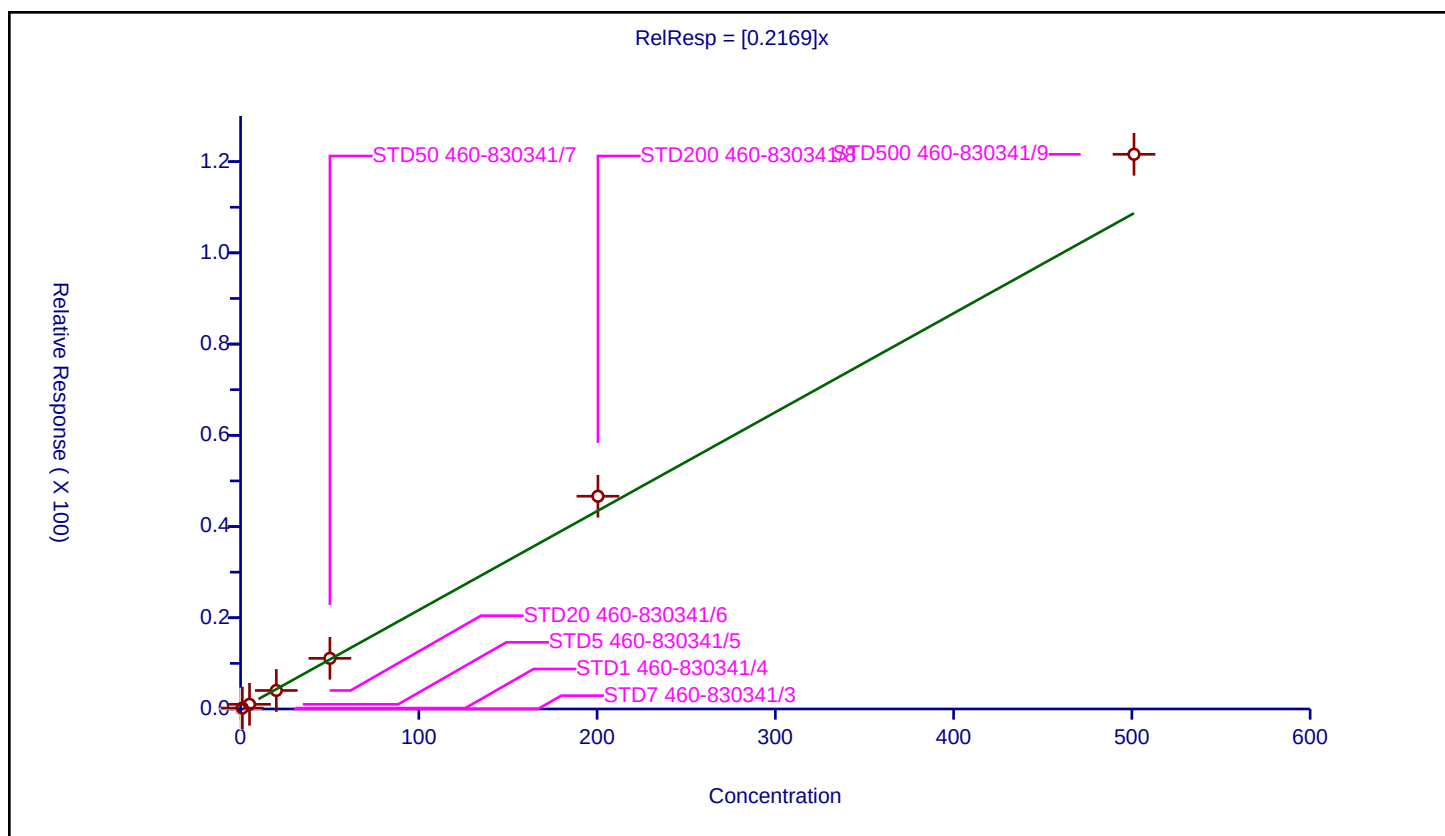
Curve Coefficients

Intercept: 0
Slope: 0.2169

Error Coefficients

Standard Error: 599000
Relative Standard Error: 8.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0024	0.197742	50.0	463229.0	0.197269	Y
3	STD5 460-830341/5	5.012	1.024708	50.0	450177.0	0.204451	Y
4	STD20 460-830341/6	20.048	4.062956	50.0	492757.0	0.202661	Y
5	STD50 460-830341/7	50.12	11.102031	50.0	505358.0	0.221509	Y
6	STD200 460-830341/8	200.48	46.643752	50.0	504179.0	0.23266	Y
7	STD500 460-830341/9	501.2	121.606108	50.0	512892.0	0.24263	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

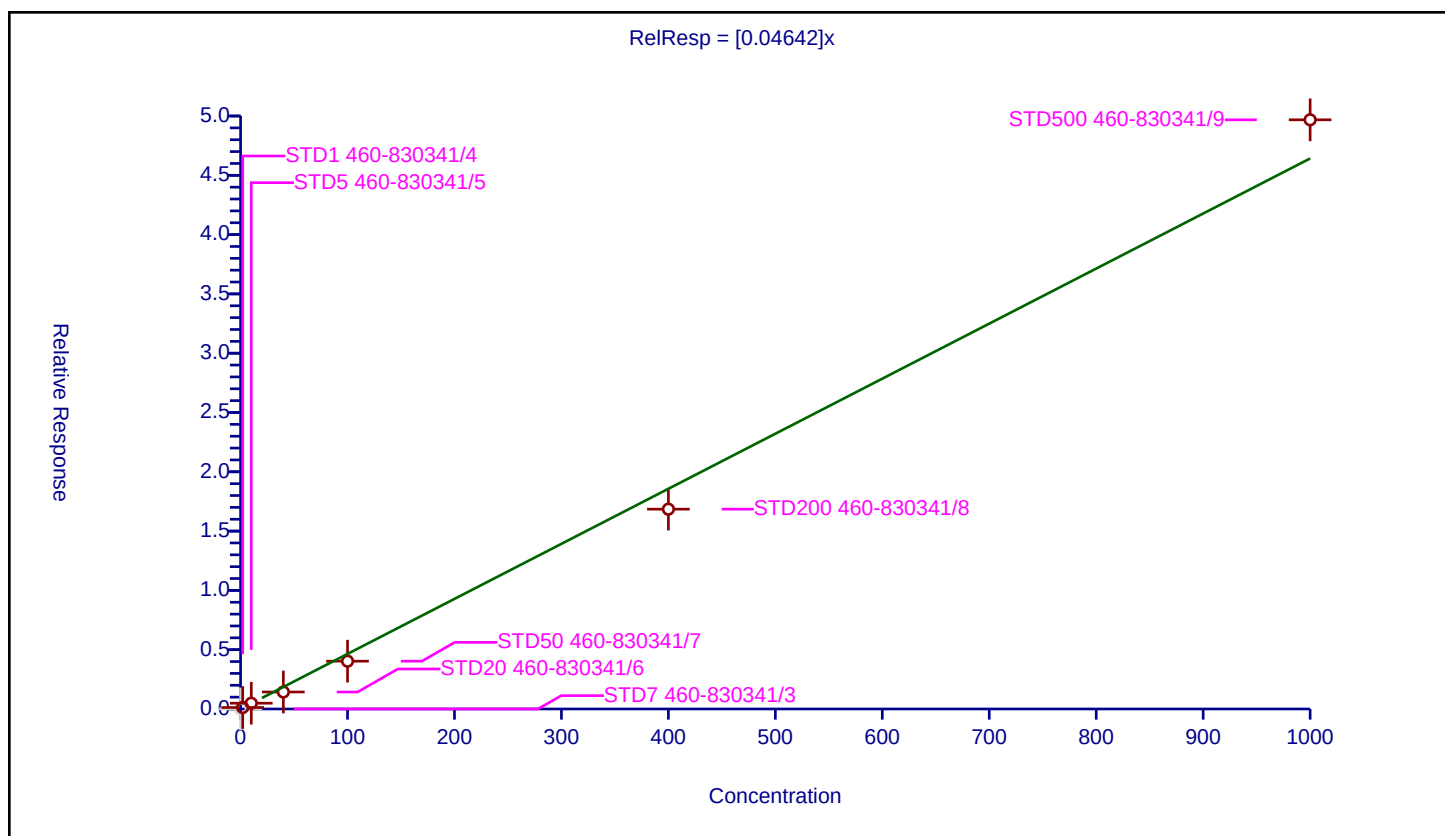
Curve Coefficients

Intercept: 0
 Slope: 0.04642

Error Coefficients

Standard Error: 241000
 Relative Standard Error: 19.8
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	2.0	0.123697	50.0	463229.0	0.061848	Y
3	STD5 460-830341/5	10.0	0.48692	50.0	450177.0	0.048692	Y
4	STD20 460-830341/6	40.0	1.434277	50.0	492757.0	0.035857	Y
5	STD50 460-830341/7	100.0	4.0314	50.0	505358.0	0.040314	Y
6	STD200 460-830341/8	400.0	16.848976	50.0	504179.0	0.042122	Y
7	STD500 460-830341/9	1000.0	49.681414	50.0	512892.0	0.049681	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

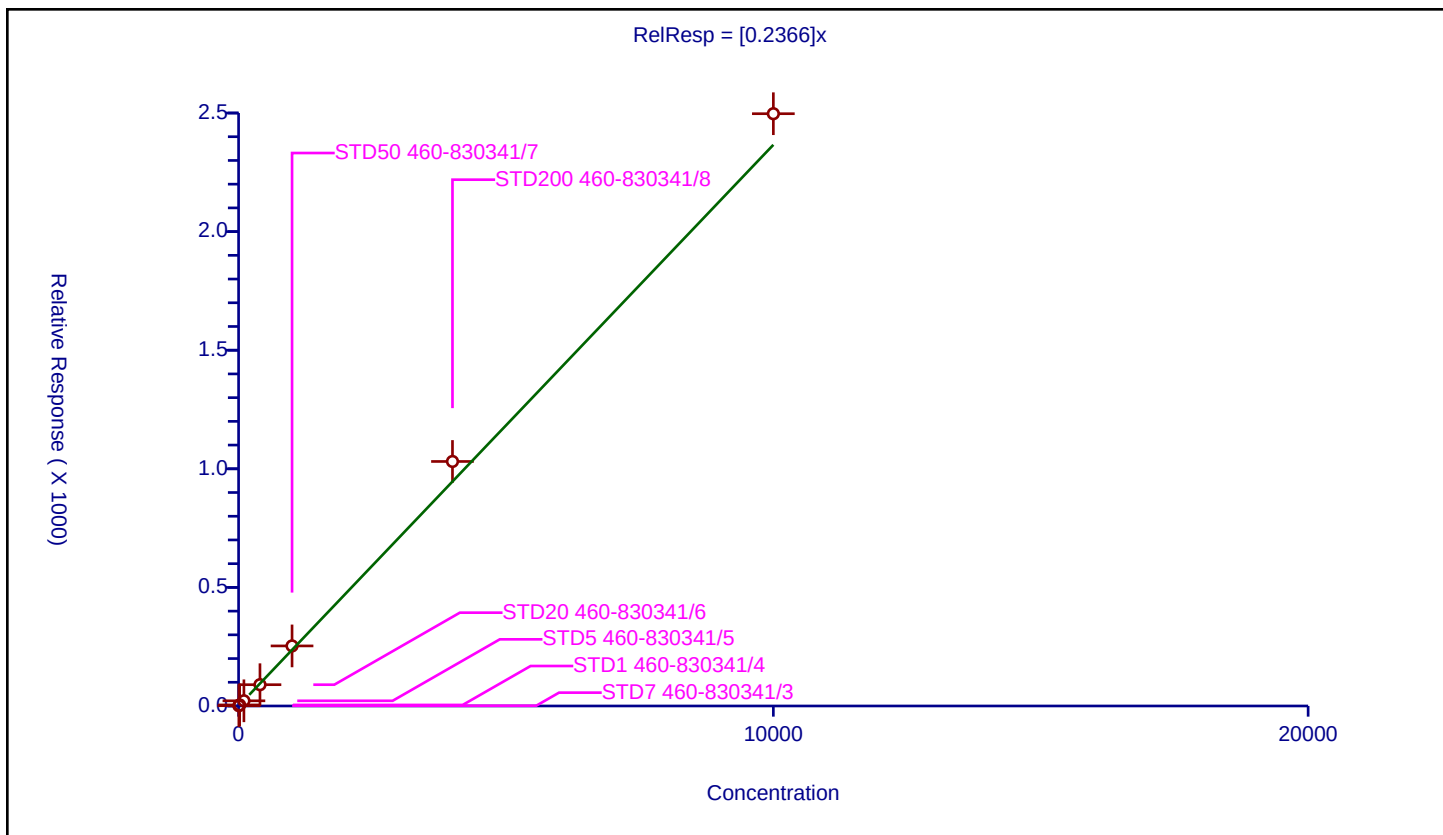
Curve Coefficients

Intercept: 0
 Slope: 0.2366

Error Coefficients

Standard Error: 1690000
 Relative Standard Error: 7.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	5.000009	1.159282	250.0	327789.0	0.231856	Y
2	STD1 460-830341/4	20.000035	4.413619	250.0	330681.0	0.220681	Y
3	STD5 460-830341/5	100.000173	21.843336	250.0	329826.0	0.218433	Y
4	STD20 460-830341/6	400.000692	89.81273	250.0	352592.0	0.224531	Y
5	STD50 460-830341/7	1000.00173	253.199718	250.0	357844.0	0.253199	Y
6	STD200 460-830341/8	4000.00692	1030.960724	250.0	362435.0	0.25774	Y
7	STD500 460-830341/9	10000.0173	2497.048869	250.0	384090.0	0.249704	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

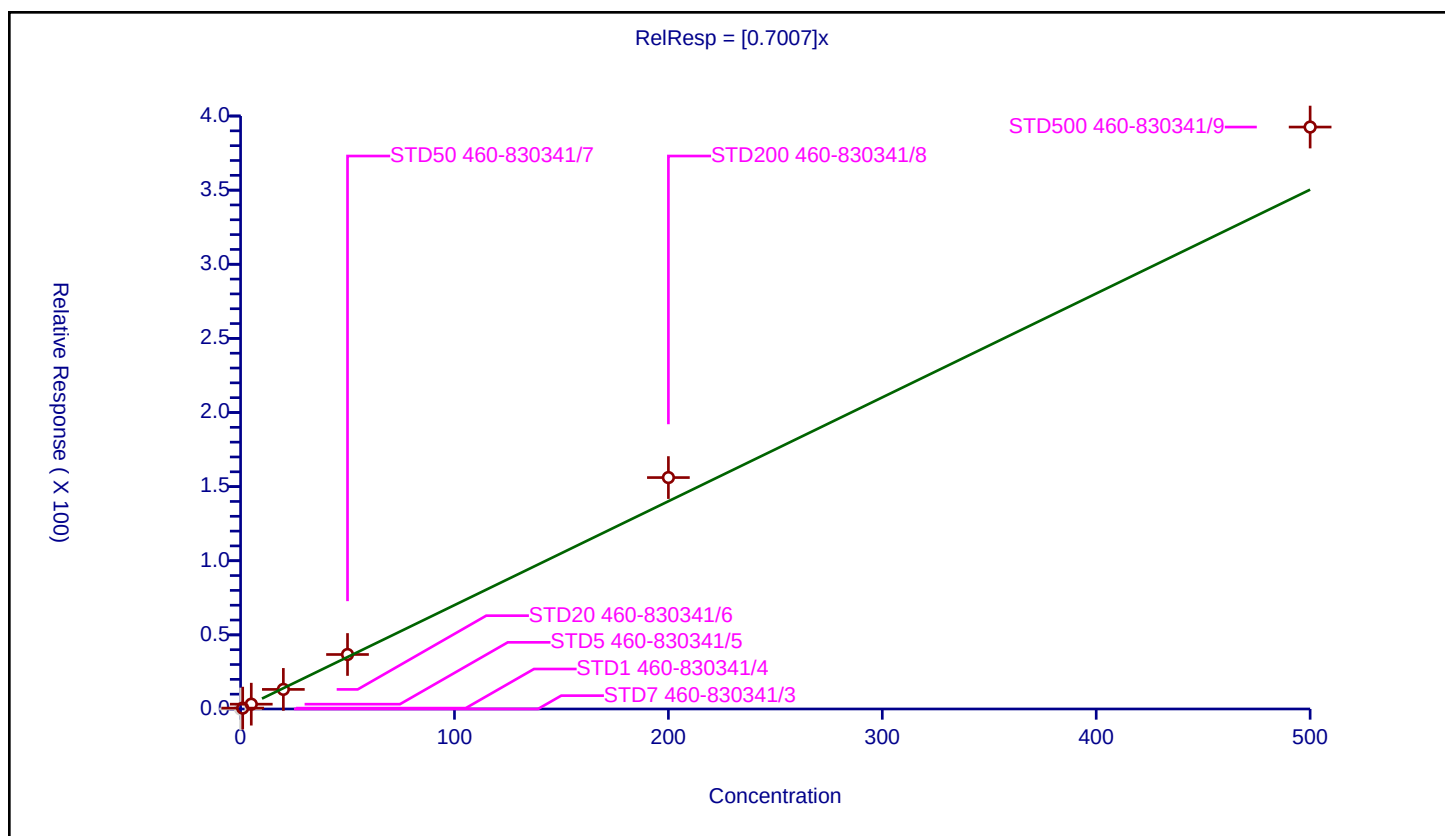
Curve Coefficients

Intercept: 0
 Slope: 0.7007

Error Coefficients

Standard Error: 1440000
 Relative Standard Error: 11.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.592991	50.0	313074.0	0.592991	Y
3	STD5 460-830341/5	5.0	3.245652	50.0	303144.0	0.64913	Y
4	STD20 460-830341/6	20.0	13.216243	50.0	337490.0	0.660812	Y
5	STD50 460-830341/7	50.0	36.768007	50.0	354648.0	0.73536	Y
6	STD200 460-830341/8	200.0	156.106611	50.0	365440.0	0.780533	Y
7	STD500 460-830341/9	500.0	392.545259	50.0	381140.0	0.785091	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

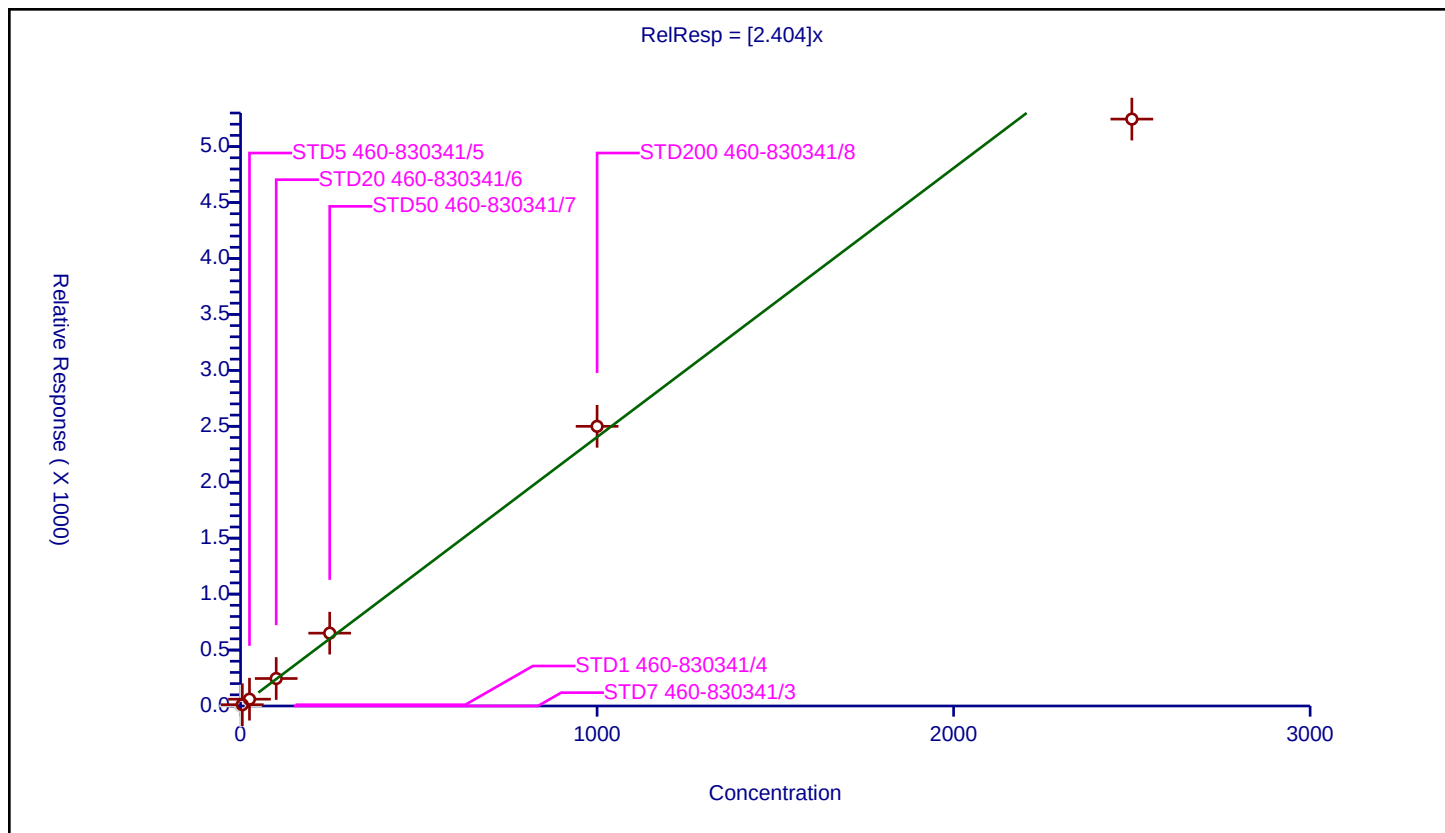
Curve Coefficients

Intercept: 0
 Slope: 2.404

Error Coefficients

Standard Error: 3970000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	250.0	327789.0	NaN	N
2	STD1 460-830341/4	5.0	11.665321	250.0	330681.0	2.333064	Y
3	STD5 460-830341/5	25.0	60.781291	250.0	329826.0	2.431252	Y
4	STD20 460-830341/6	100.0	245.634473	250.0	352592.0	2.456345	Y
5	STD50 460-830341/7	250.0	651.007841	250.0	357844.0	2.604031	Y
6	STD200 460-830341/8	1000.0	2499.572337	250.0	362435.0	2.499572	Y
7	STD500 460-830341/9	2500.0	5245.719102	250.0	384090.0	2.098288	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

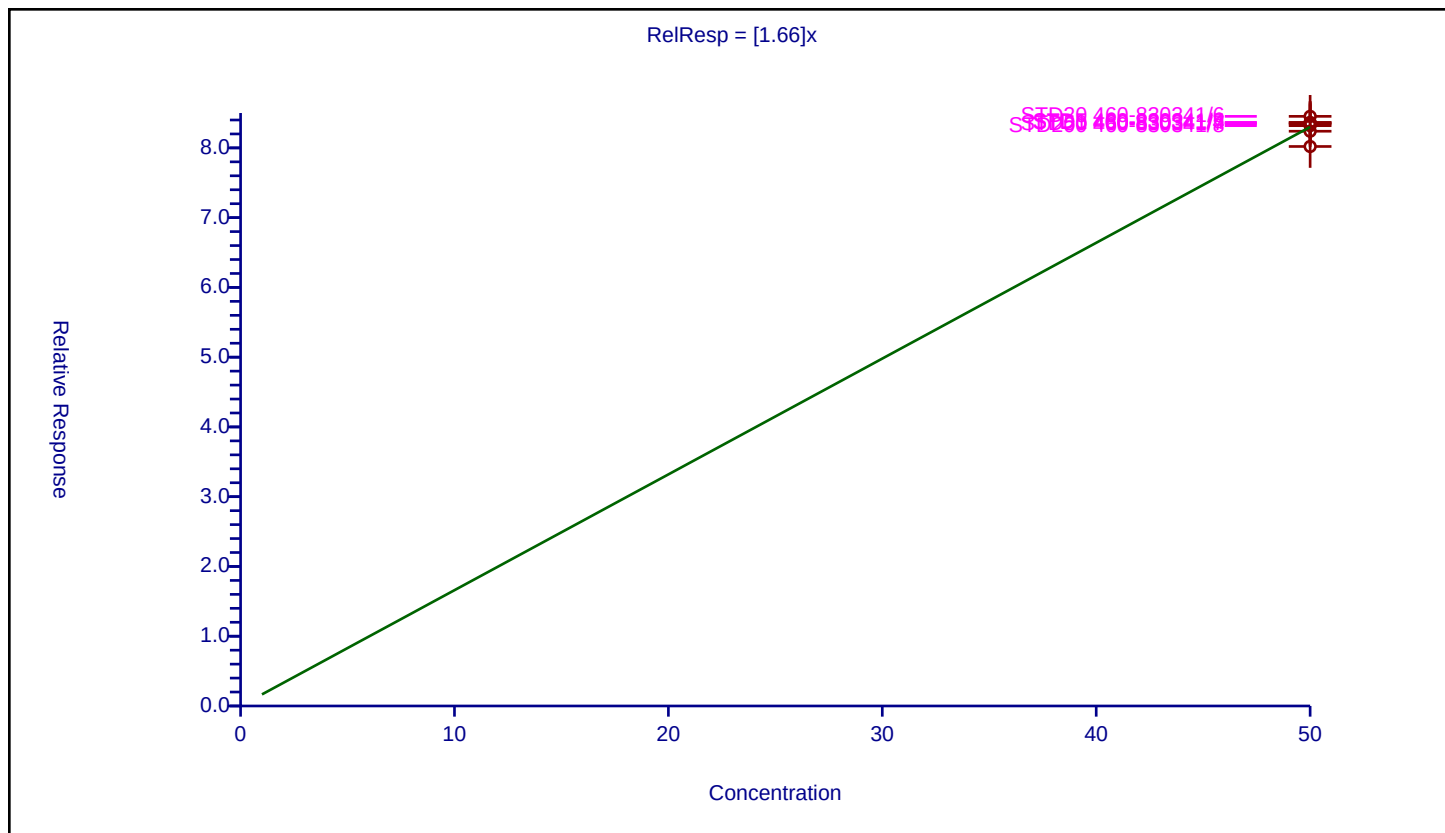
Curve Coefficients

Intercept: 0
 Slope: 1.66

Error Coefficients

Standard Error: 607000
 Relative Standard Error: 1.7
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	50.0	82.390449	50.0	309741.0	1.647809	Y
2	STD1 460-830341/4	50.0	83.586149	50.0	313074.0	1.671723	Y
3	STD5 460-830341/5	50.0	83.654798	50.0	303144.0	1.673096	Y
4	STD20 460-830341/6	50.0	84.521615	50.0	337490.0	1.690432	Y
5	STD50 460-830341/7	50.0	83.423846	50.0	354648.0	1.668477	Y
6	STD200 460-830341/8	50.0	83.184517	50.0	365440.0	1.66369	Y
7	STD500 460-830341/9	50.0	80.204518	50.0	381140.0	1.60409	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

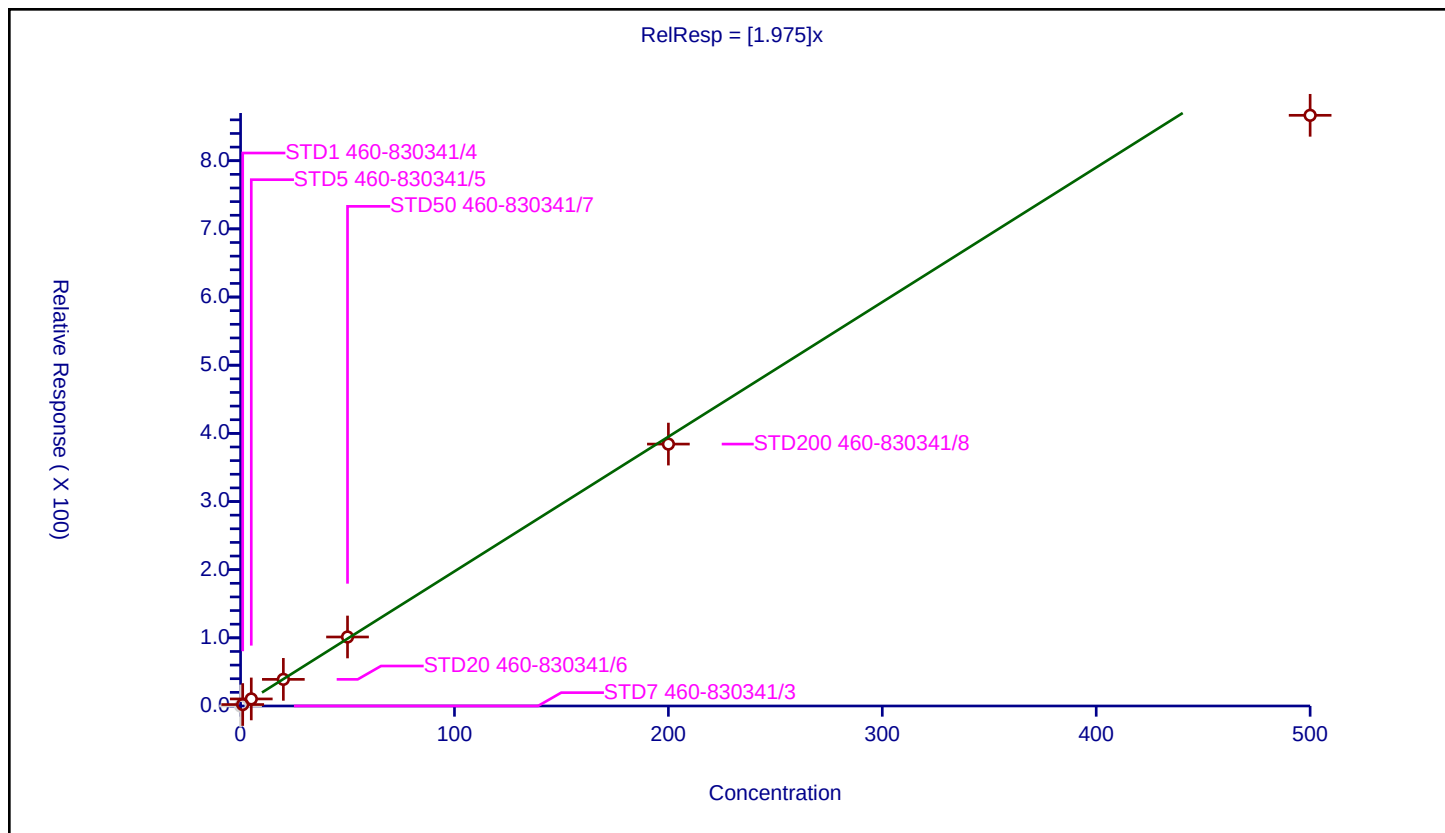
Curve Coefficients

Intercept: 0
 Slope: 1.975

Error Coefficients

Standard Error: 3230000
 Relative Standard Error: 7.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	2.149811	50.0	313074.0	2.149811	Y
3	STD5 460-830341/5	5.0	10.343434	50.0	303144.0	2.068687	Y
4	STD20 460-830341/6	20.0	39.079084	50.0	337490.0	1.953954	Y
5	STD50 460-830341/7	50.0	101.240103	50.0	354648.0	2.024802	Y
6	STD200 460-830341/8	200.0	384.245841	50.0	365440.0	1.921229	Y
7	STD500 460-830341/9	500.0	866.619877	50.0	381140.0	1.73324	Y



Calibration

/ Ethyl methacrylate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

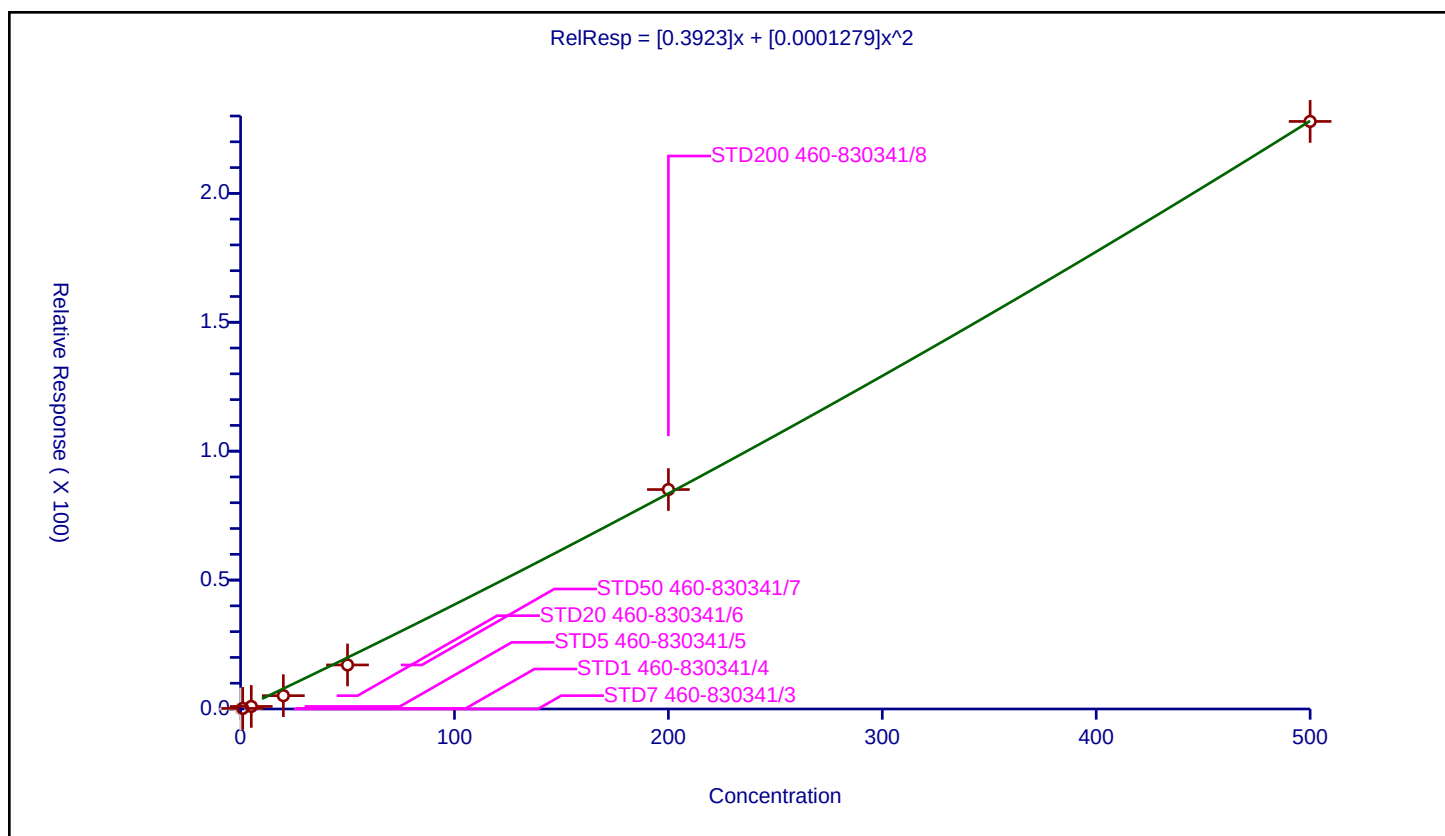
Curve Coefficients

Intercept: 0
 Slope: 0.3923
 Second Order: 0.0001279

Error Coefficients

Standard Error: 1250000
 Relative Standard Error: 37.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	463273.0	NaN	N
2	STD1 460-830341/4	1.0	0.223755	50.0	463229.0	0.223755	Y
3	STD5 460-830341/5	5.0	0.9875	50.0	450177.0	0.1975	Y
4	STD20 460-830341/6	20.0	5.164513	50.0	492757.0	0.258226	Y
5	STD50 460-830341/7	50.0	17.083335	50.0	505358.0	0.341667	Y
6	STD200 460-830341/8	200.0	85.117091	50.0	504179.0	0.425585	Y
7	STD500 460-830341/9	500.0	227.899051	50.0	512892.0	0.455798	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

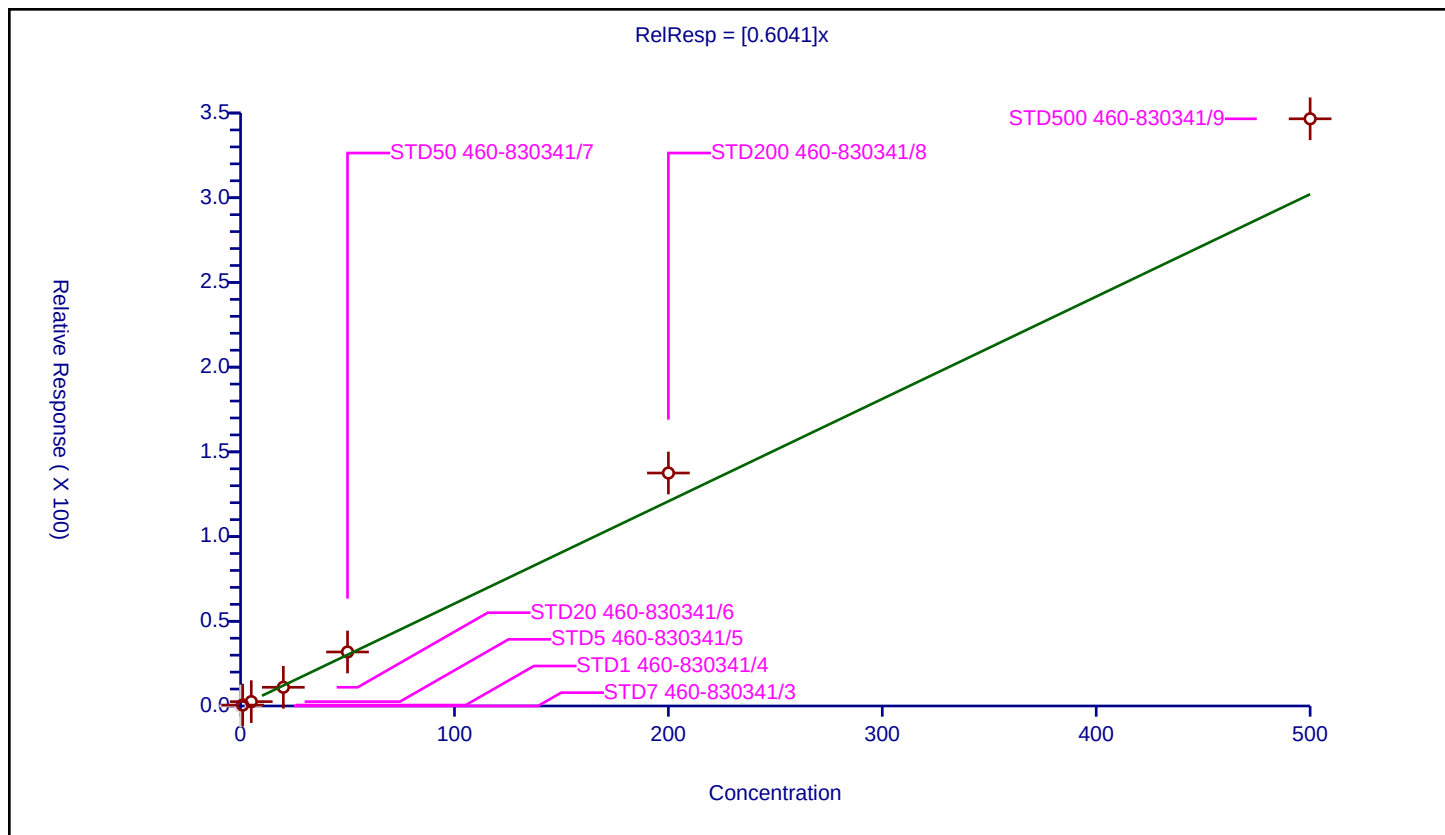
Curve Coefficients

Intercept: 0
 Slope: 0.6041

Error Coefficients

Standard Error: 1270000
 Relative Standard Error: 13.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.53901	50.0	313074.0	0.53901	Y
3	STD5 460-830341/5	5.0	2.575344	50.0	303144.0	0.515069	Y
4	STD20 460-830341/6	20.0	11.04729	50.0	337490.0	0.552365	Y
5	STD50 460-830341/7	50.0	31.87992	50.0	354648.0	0.637598	Y
6	STD200 460-830341/8	200.0	137.511493	50.0	365440.0	0.687557	Y
7	STD500 460-830341/9	500.0	346.586163	50.0	381140.0	0.693172	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

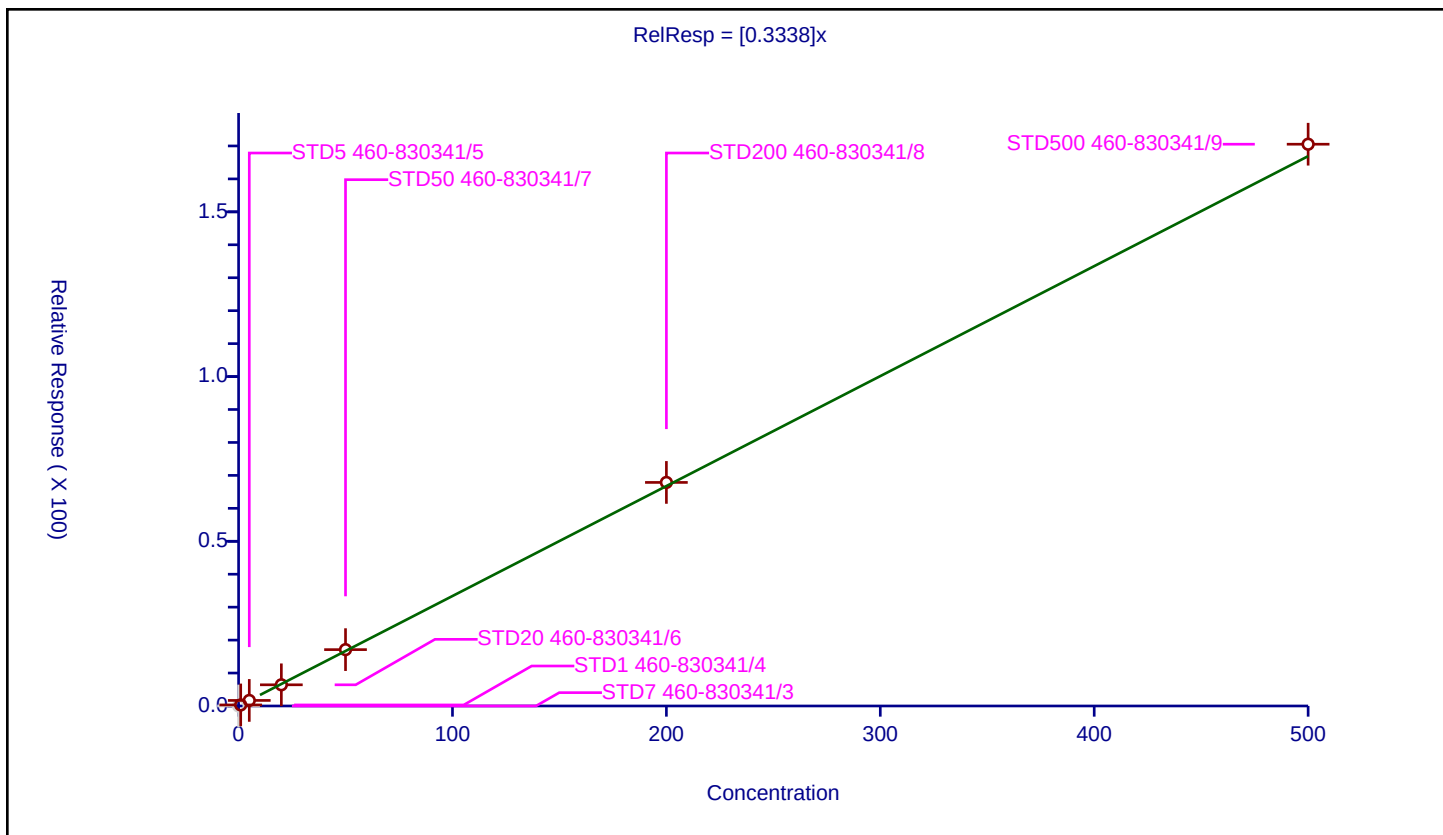
Curve Coefficients

Intercept: 0
 Slope: 0.3338

Error Coefficients

Standard Error: 625000
 Relative Standard Error: 2.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.321649	50.0	313074.0	0.321649	Y
3	STD5 460-830341/5	5.0	1.684678	50.0	303144.0	0.336936	Y
4	STD20 460-830341/6	20.0	6.432191	50.0	337490.0	0.32161	Y
5	STD50 460-830341/7	50.0	17.108372	50.0	354648.0	0.342167	Y
6	STD200 460-830341/8	200.0	67.866134	50.0	365440.0	0.339331	Y
7	STD500 460-830341/9	500.0	170.529333	50.0	381140.0	0.341059	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

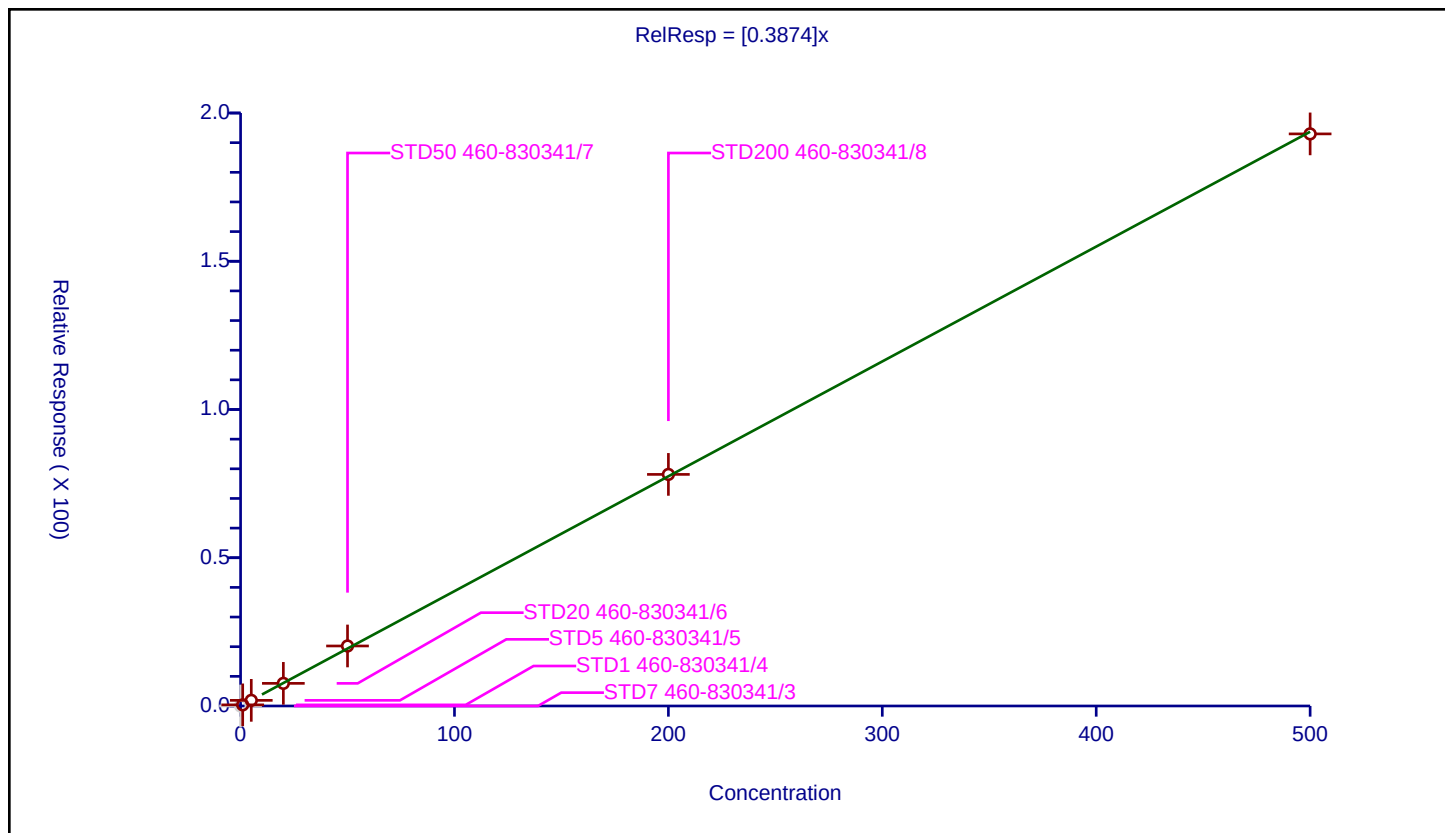
Curve Coefficients

Intercept: 0
 Slope: 0.3874

Error Coefficients

Standard Error: 709000
 Relative Standard Error: 2.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.380262	50.0	313074.0	0.380262	Y
3	STD5 460-830341/5	5.0	1.904375	50.0	303144.0	0.380875	Y
4	STD20 460-830341/6	20.0	7.635041	50.0	337490.0	0.381752	Y
5	STD50 460-830341/7	50.0	20.238377	50.0	354648.0	0.404768	Y
6	STD200 460-830341/8	200.0	78.106119	50.0	365440.0	0.390531	Y
7	STD500 460-830341/9	500.0	192.960723	50.0	381140.0	0.385921	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

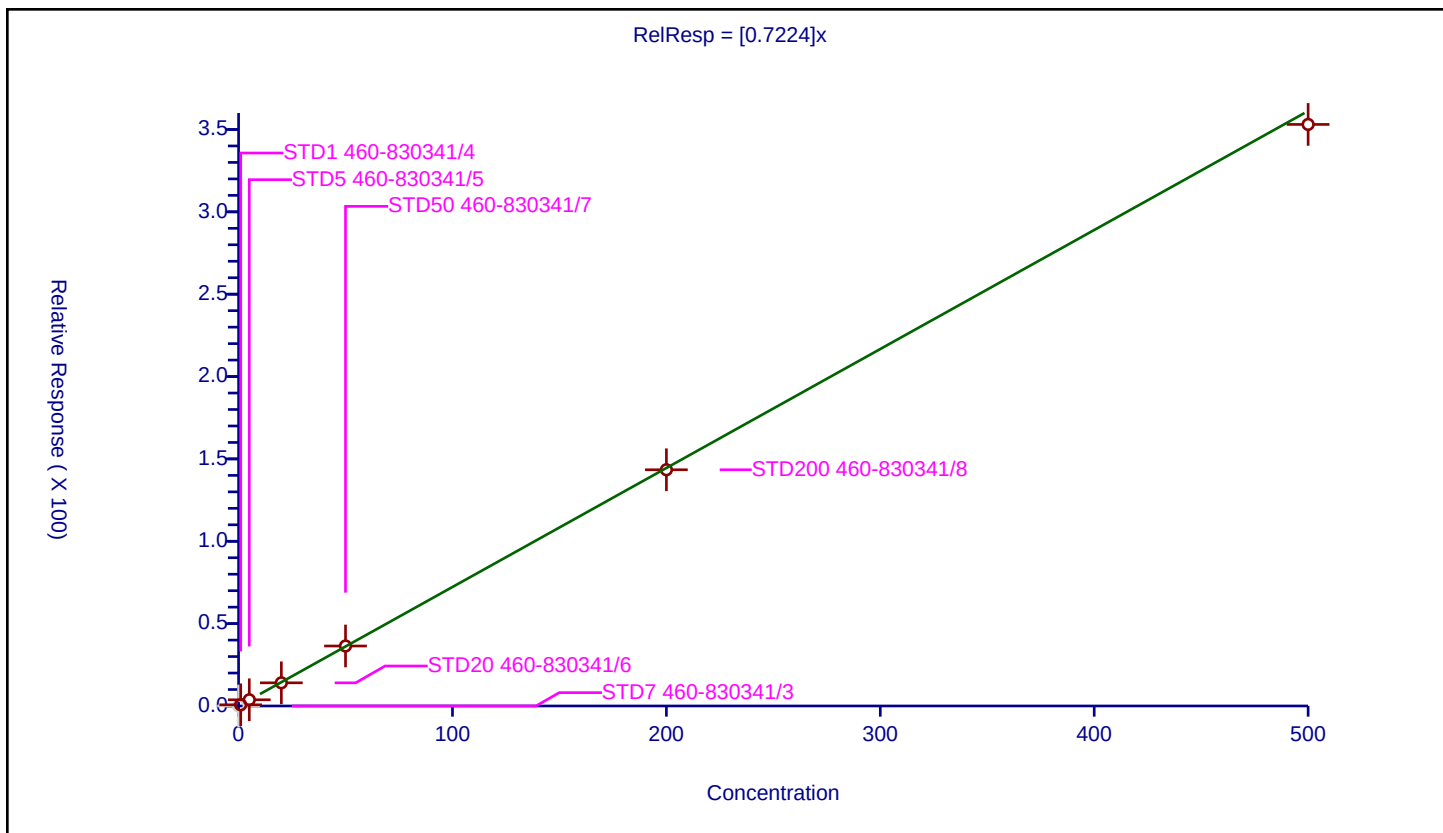
Curve Coefficients

Intercept: 0
 Slope: 0.7224

Error Coefficients

Standard Error: 1300000
 Relative Standard Error: 2.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.726985	50.0	313074.0	0.726985	Y
3	STD5 460-830341/5	5.0	3.762238	50.0	303144.0	0.752448	Y
4	STD20 460-830341/6	20.0	14.066935	50.0	337490.0	0.703347	Y
5	STD50 460-830341/7	50.0	36.42499	50.0	354648.0	0.7285	Y
6	STD200 460-830341/8	200.0	143.41944	50.0	365440.0	0.717097	Y
7	STD500 460-830341/9	500.0	353.077085	50.0	381140.0	0.706154	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

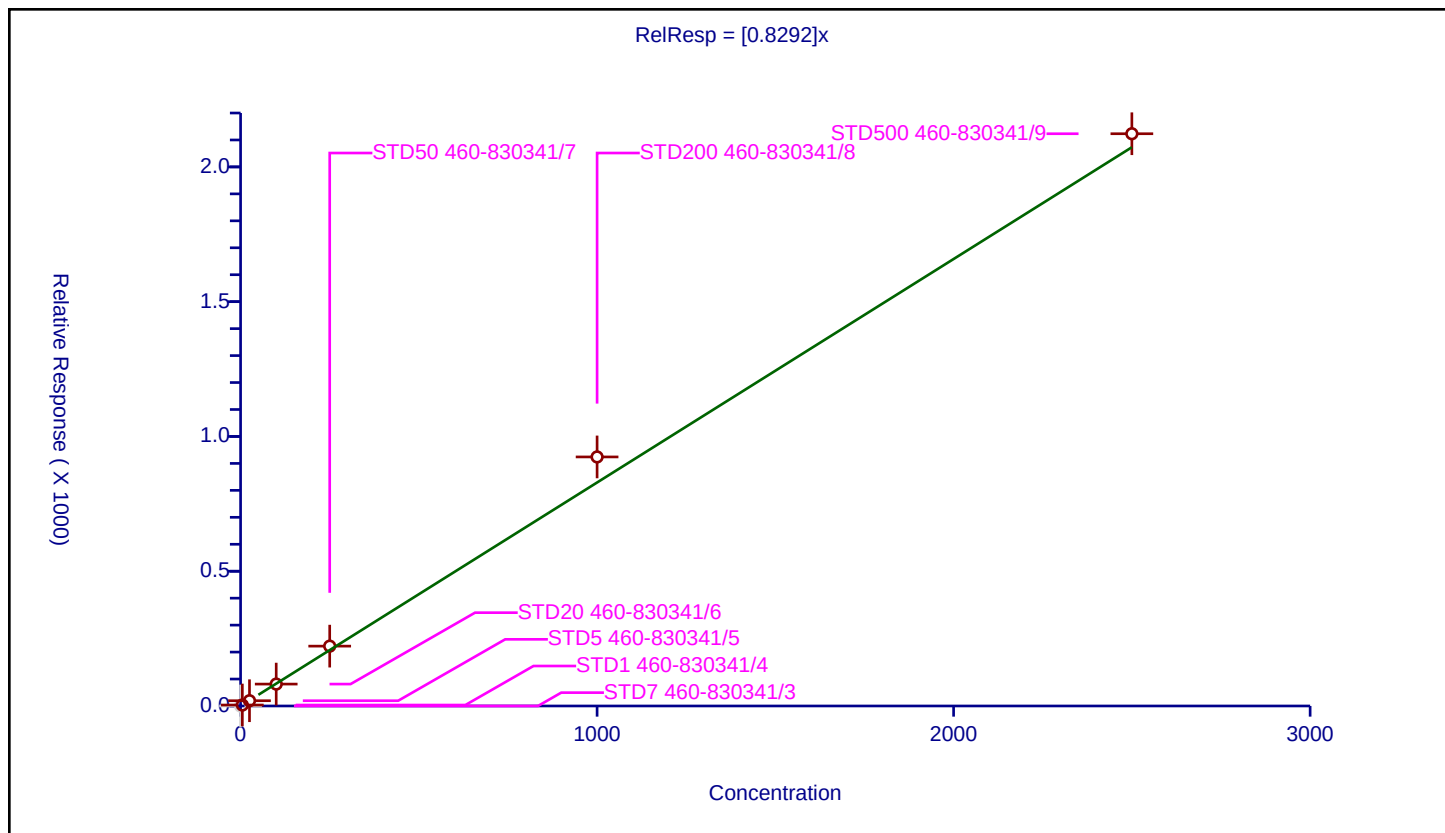
Curve Coefficients

Intercept: 0
 Slope: 0.8292

Error Coefficients

Standard Error: 1580000
 Relative Standard Error: 9.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	250.0	327789.0	NaN	N
2	STD1 460-830341/4	5.0	3.585782	250.0	330681.0	0.717156	Y
3	STD5 460-830341/5	25.0	19.575473	250.0	329826.0	0.783019	Y
4	STD20 460-830341/6	100.0	81.322747	250.0	352592.0	0.813227	Y
5	STD50 460-830341/7	250.0	222.099574	250.0	357844.0	0.888398	Y
6	STD200 460-830341/8	1000.0	923.990509	250.0	362435.0	0.923991	Y
7	STD500 460-830341/9	2500.0	2123.083782	250.0	384090.0	0.849234	Y



Calibration

/ n-Butyl acetate

Curve Type: Quadratic
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

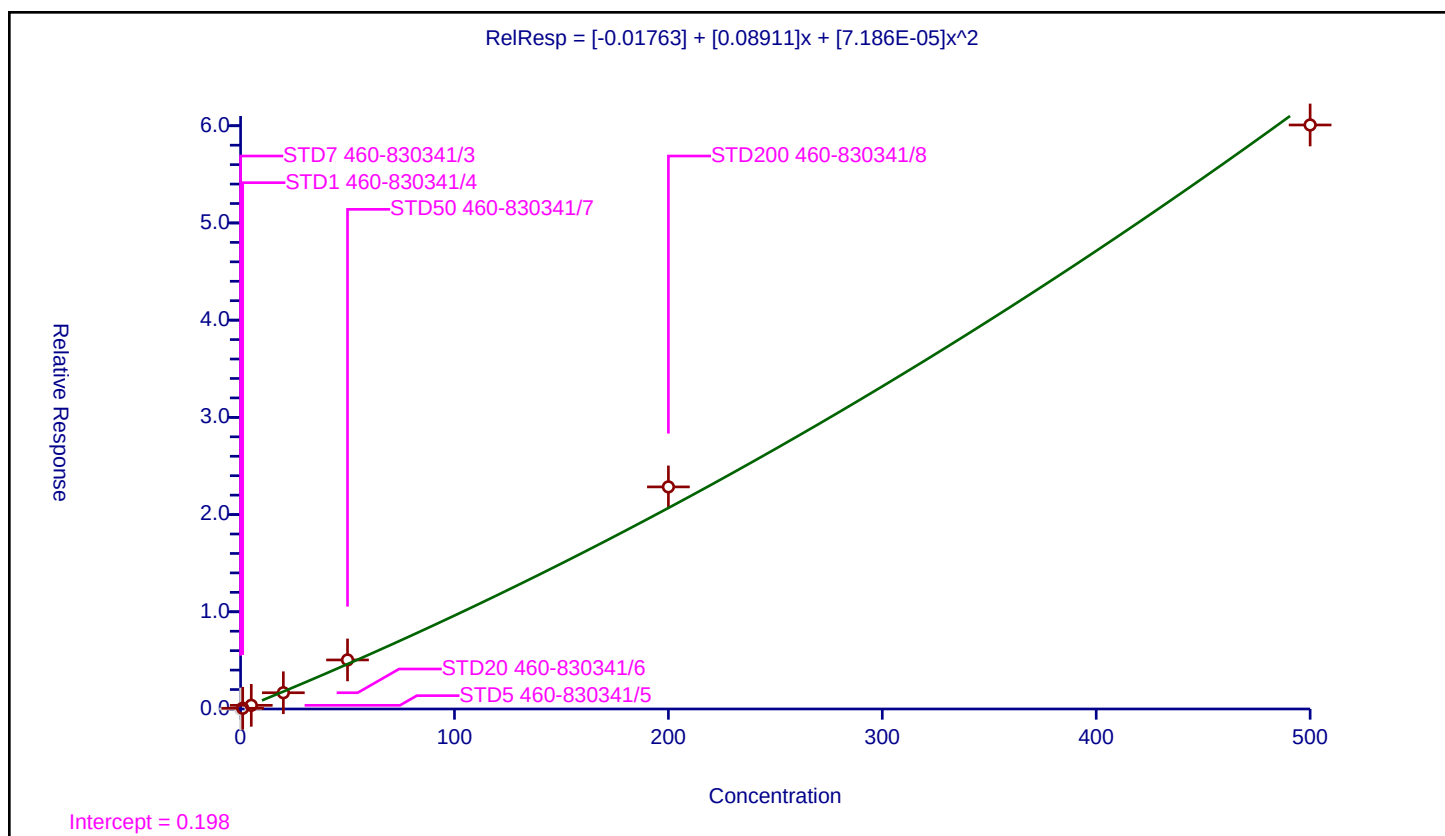
Curve Coefficients

Intercept: -0.01763
 Slope: 0.08911
 Second Order: 7.186E-05

Error Coefficients

Standard Error: 282000
 Relative Standard Error: 11.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.073784	50.0	313074.0	0.073784	Y
3	STD5 460-830341/5	5.0	0.376059	50.0	303144.0	0.075212	Y
4	STD20 460-830341/6	20.0	1.671605	50.0	337490.0	0.08358	Y
5	STD50 460-830341/7	50.0	5.046976	50.0	354648.0	0.10094	Y
6	STD200 460-830341/8	200.0	22.84821	50.0	365440.0	0.114241	Y
7	STD500 460-830341/9	500.0	60.078449	50.0	381140.0	0.120157	Y



Calibration

/ Chlorodibromomethane

Curve Type: Quadratic
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

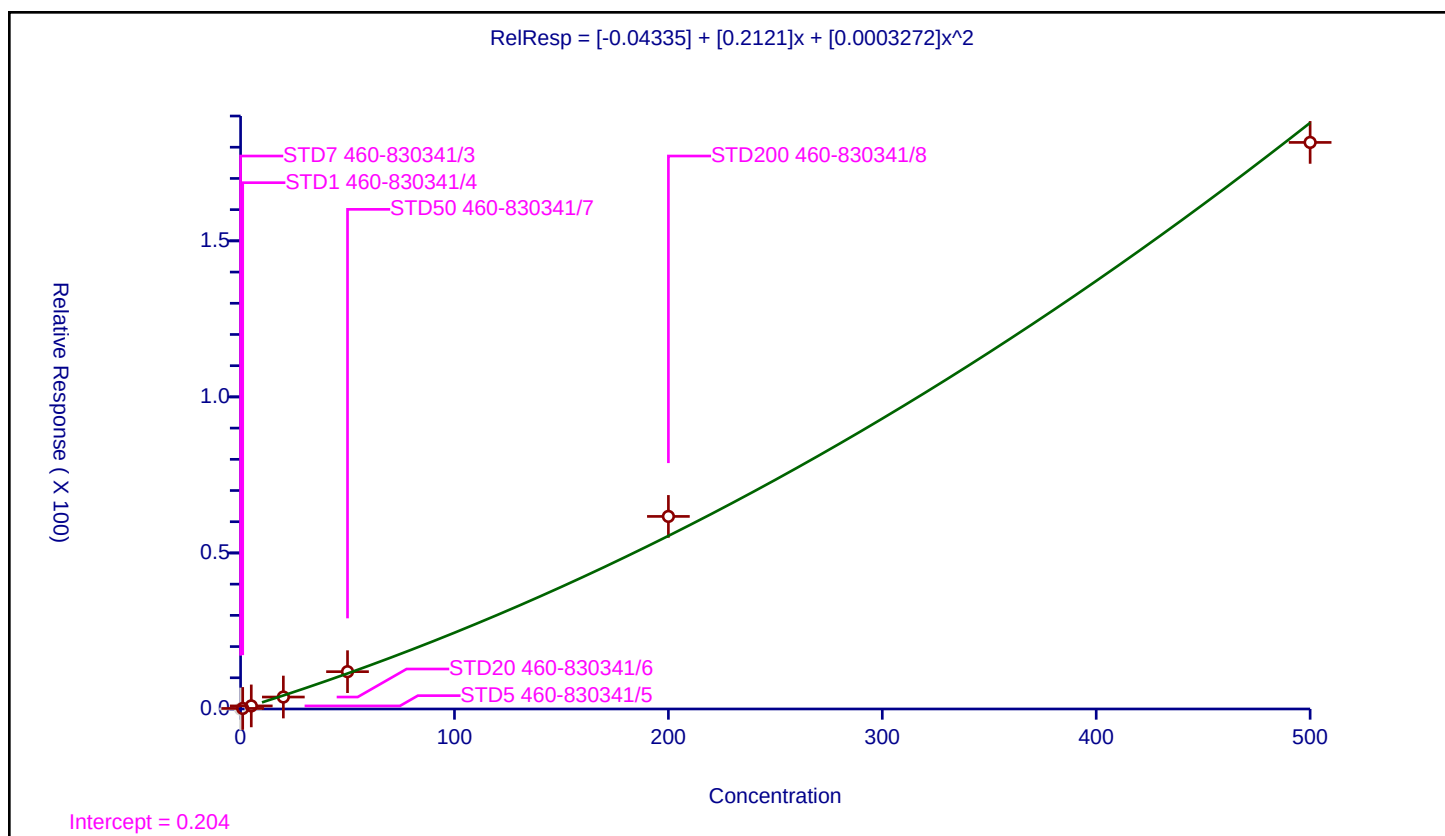
Curve Coefficients

Intercept: -0.04335
 Slope: 0.2121
 Second Order: 0.0003272

Error Coefficients

Standard Error: 842000
 Relative Standard Error: 9.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.171525	50.0	313074.0	0.171525	Y
3	STD5 460-830341/5	5.0	0.98666	50.0	303144.0	0.197332	Y
4	STD20 460-830341/6	20.0	3.833447	50.0	337490.0	0.191672	Y
5	STD50 460-830341/7	50.0	11.956362	50.0	354648.0	0.239127	Y
6	STD200 460-830341/8	200.0	61.706436	50.0	365440.0	0.308532	Y
7	STD500 460-830341/9	500.0	181.539329	50.0	381140.0	0.363079	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

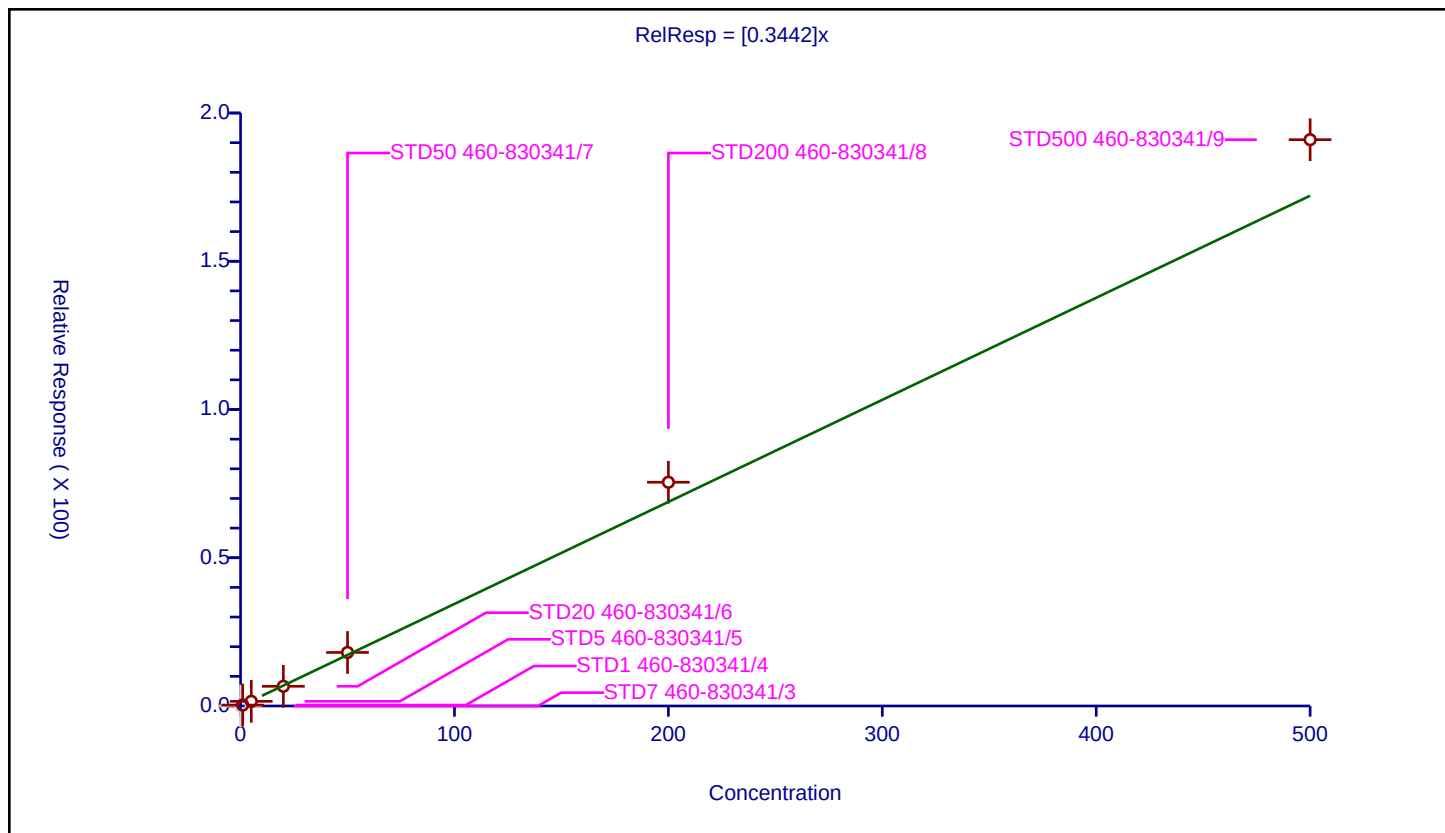
Curve Coefficients

Intercept: 0
 Slope: 0.3442

Error Coefficients

Standard Error: 699000
 Relative Standard Error: 10.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.29929	50.0	313074.0	0.29929	Y
3	STD5 460-830341/5	5.0	1.567242	50.0	303144.0	0.313448	Y
4	STD20 460-830341/6	20.0	6.641086	50.0	337490.0	0.332054	Y
5	STD50 460-830341/7	50.0	18.05424	50.0	354648.0	0.361085	Y
6	STD200 460-830341/8	200.0	75.469981	50.0	365440.0	0.37735	Y
7	STD500 460-830341/9	500.0	191.0016	50.0	381140.0	0.382003	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

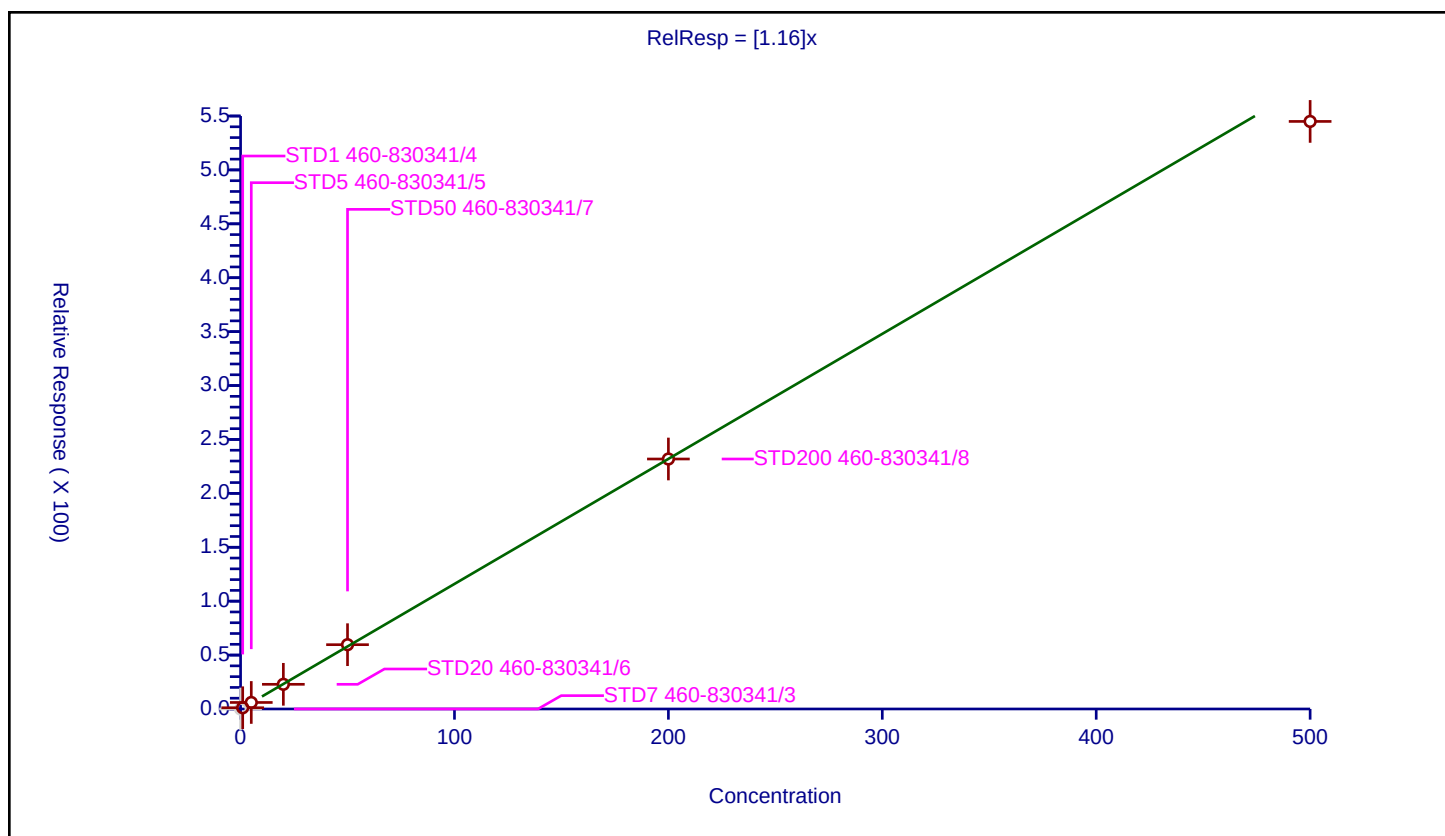
Curve Coefficients

Intercept: 0
 Slope: 1.16

Error Coefficients

Standard Error: 2020000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	1.162026	50.0	313074.0	1.162026	Y
3	STD5 460-830341/5	5.0	6.051085	50.0	303144.0	1.210217	Y
4	STD20 460-830341/6	20.0	22.892234	50.0	337490.0	1.144612	Y
5	STD50 460-830341/7	50.0	59.642942	50.0	354648.0	1.192859	Y
6	STD200 460-830341/8	200.0	231.865149	50.0	365440.0	1.159326	Y
7	STD500 460-830341/9	500.0	544.980191	50.0	381140.0	1.08996	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

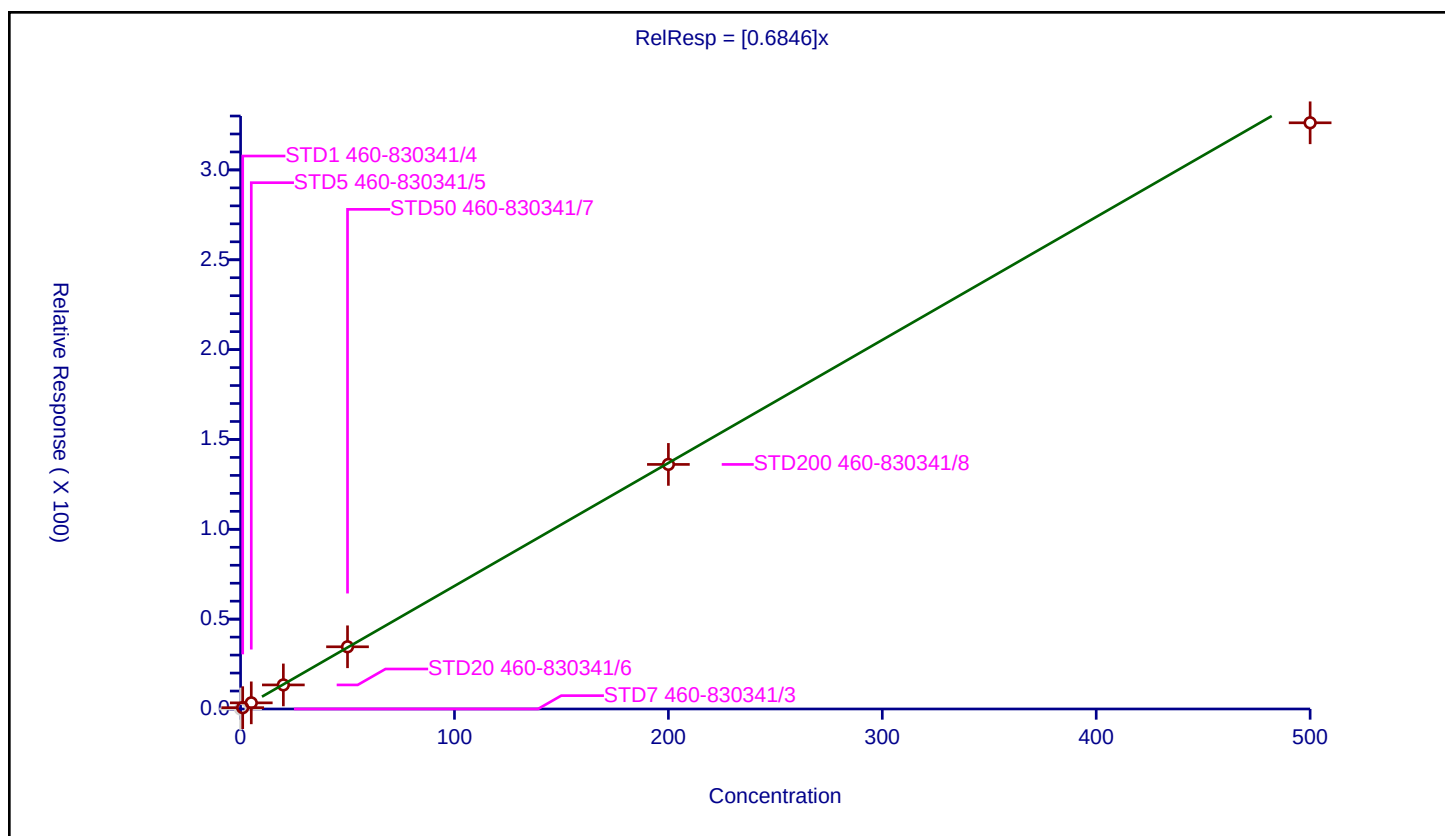
Curve Coefficients

Intercept: 0
Slope: 0.6846

Error Coefficients

Standard Error: 1200000
Relative Standard Error: 3.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.727624	50.0	313074.0	0.727624	Y
3	STD5 460-830341/5	5.0	3.423126	50.0	303144.0	0.684625	Y
4	STD20 460-830341/6	20.0	13.39536	50.0	337490.0	0.669768	Y
5	STD50 460-830341/7	50.0	34.614322	50.0	354648.0	0.692286	Y
6	STD200 460-830341/8	200.0	136.113315	50.0	365440.0	0.680567	Y
7	STD500 460-830341/9	500.0	326.231175	50.0	381140.0	0.652462	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Quadratic
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

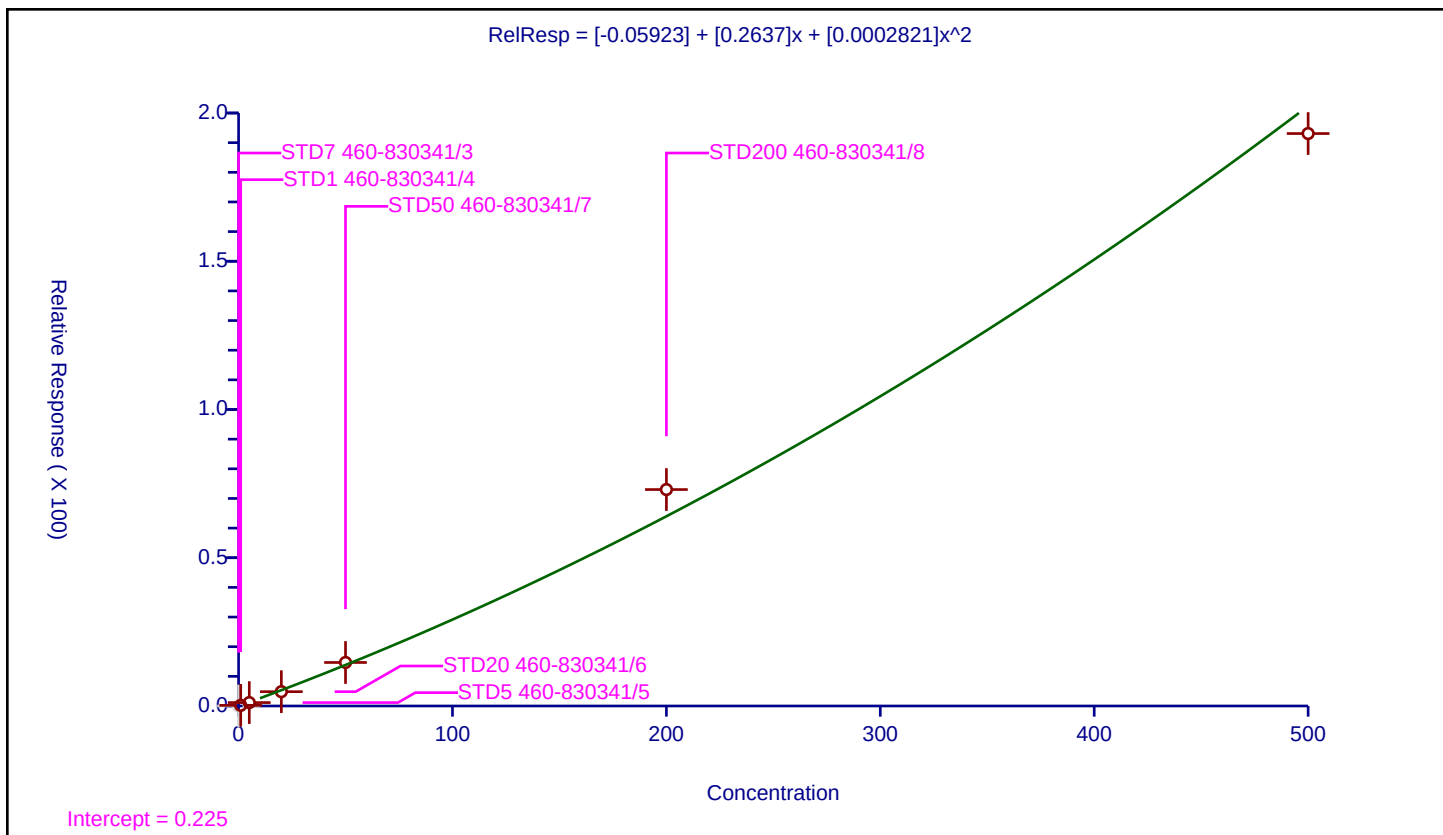
Curve Coefficients

Intercept: -0.05923
 Slope: 0.2637
 Second Order: 0.0002821

Error Coefficients

Standard Error: 906000
 Relative Standard Error: 10.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.210334	50.0	313074.0	0.210334	Y
3	STD5 460-830341/5	5.0	1.145825	50.0	303144.0	0.229165	Y
4	STD20 460-830341/6	20.0	4.829625	50.0	337490.0	0.241481	Y
5	STD50 460-830341/7	50.0	14.677793	50.0	354648.0	0.293556	Y
6	STD200 460-830341/8	200.0	73.000903	50.0	365440.0	0.365005	Y
7	STD500 460-830341/9	500.0	193.078396	50.0	381140.0	0.386157	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

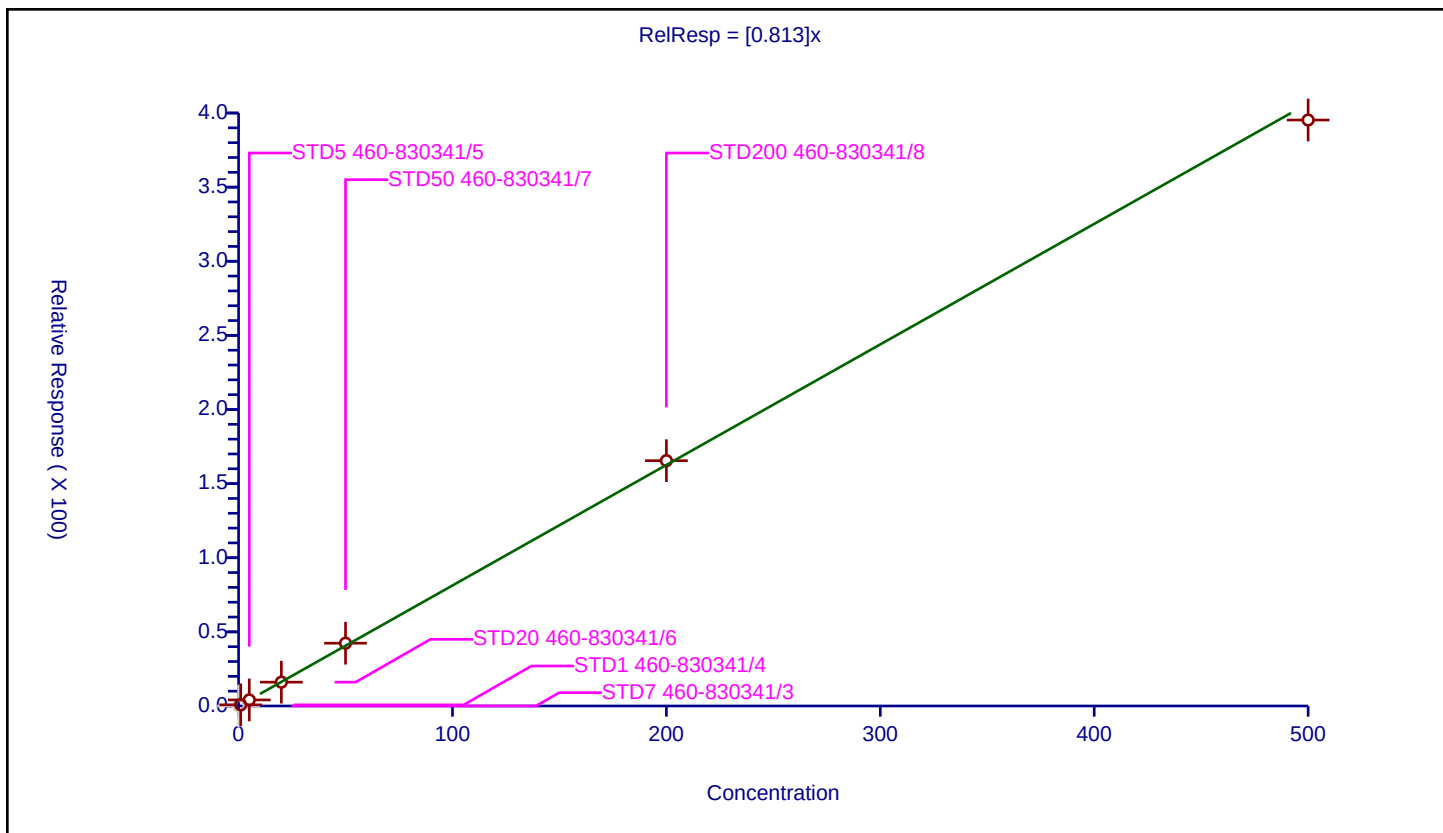
Curve Coefficients

Intercept: 0
 Slope: 0.813

Error Coefficients

Standard Error: 1460000
 Relative Standard Error: 2.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.791187	50.0	313074.0	0.791187	Y
3	STD5 460-830341/5	5.0	4.089476	50.0	303144.0	0.817895	Y
4	STD20 460-830341/6	20.0	16.077365	50.0	337490.0	0.803868	Y
5	STD50 460-830341/7	50.0	42.359466	50.0	354648.0	0.847189	Y
6	STD200 460-830341/8	200.0	165.486263	50.0	365440.0	0.827431	Y
7	STD500 460-830341/9	500.0	395.274177	50.0	381140.0	0.790548	Y



Calibration

/ n-Butyl acrylate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

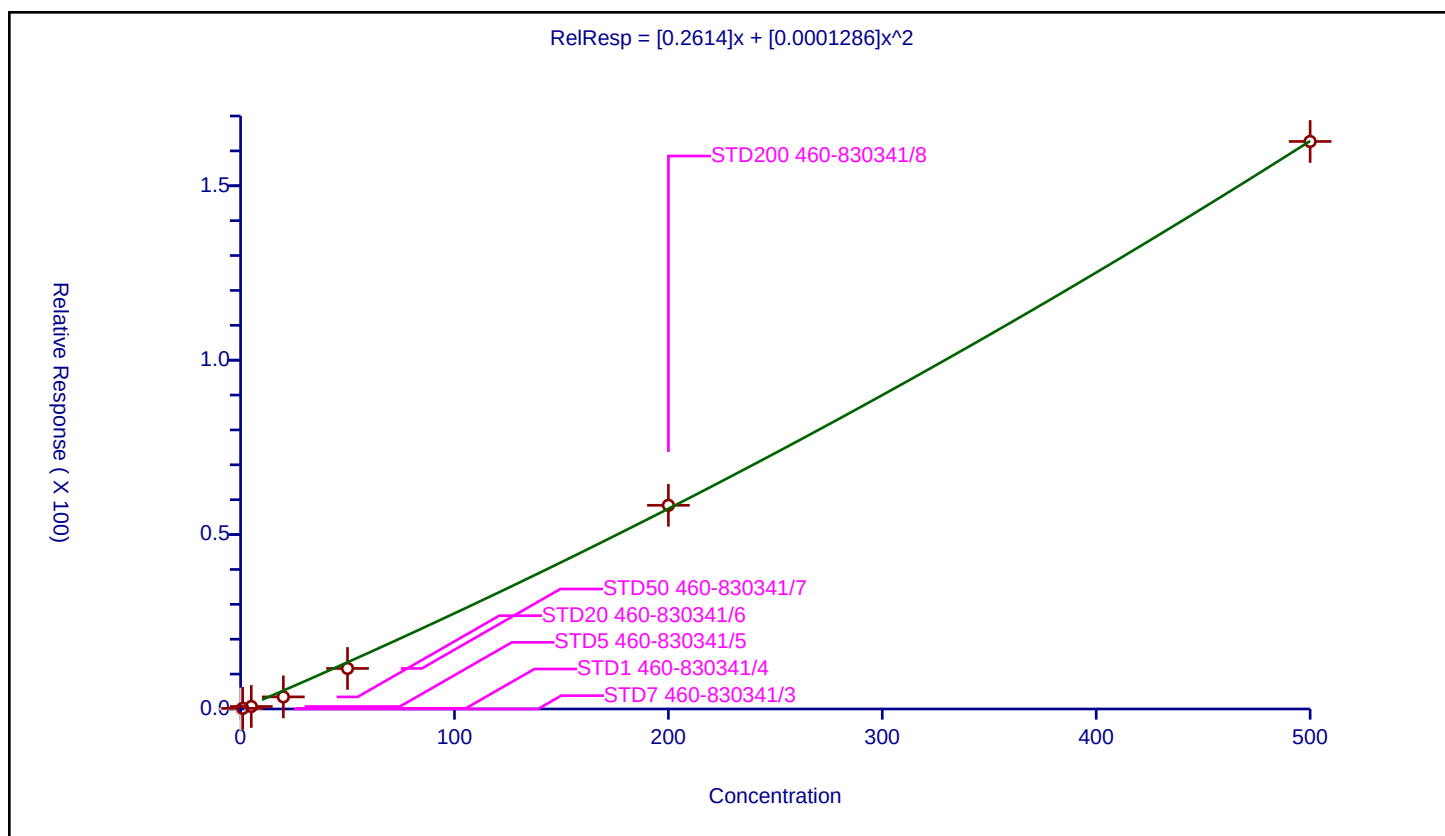
Curve Coefficients

Intercept: 0
 Slope: 0.2614
 Second Order: 0.0001286

Error Coefficients

Standard Error: 657000
 Relative Standard Error: 33.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.181107	50.0	313074.0	0.181107	Y
3	STD5 460-830341/5	5.0	0.711543	50.0	303144.0	0.142309	Y
4	STD20 460-830341/6	20.0	3.464992	50.0	337490.0	0.17325	Y
5	STD50 460-830341/7	50.0	11.62674	50.0	354648.0	0.232535	Y
6	STD200 460-830341/8	200.0	58.397411	50.0	365440.0	0.291987	Y
7	STD500 460-830341/9	500.0	162.703075	50.0	381140.0	0.325406	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

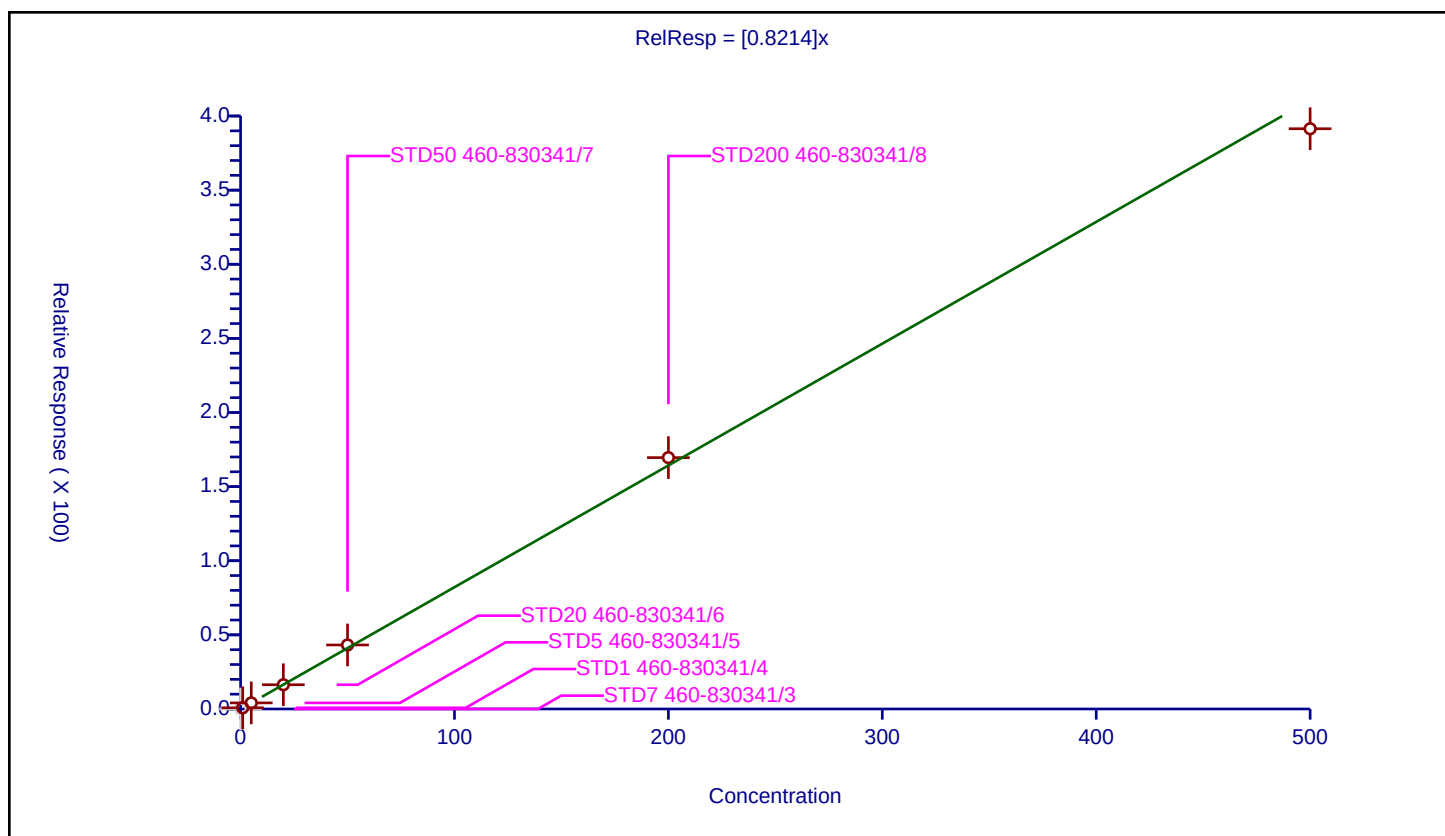
Curve Coefficients

Intercept: 0
 Slope: 0.8214

Error Coefficients

Standard Error: 1450000
 Relative Standard Error: 3.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.795659	50.0	313074.0	0.795659	Y
3	STD5 460-830341/5	5.0	4.103001	50.0	303144.0	0.8206	Y
4	STD20 460-830341/6	20.0	16.362263	50.0	337490.0	0.818113	Y
5	STD50 460-830341/7	50.0	43.175064	50.0	354648.0	0.863501	Y
6	STD200 460-830341/8	200.0	169.570107	50.0	365440.0	0.847851	Y
7	STD500 460-830341/9	500.0	391.427166	50.0	381140.0	0.782854	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

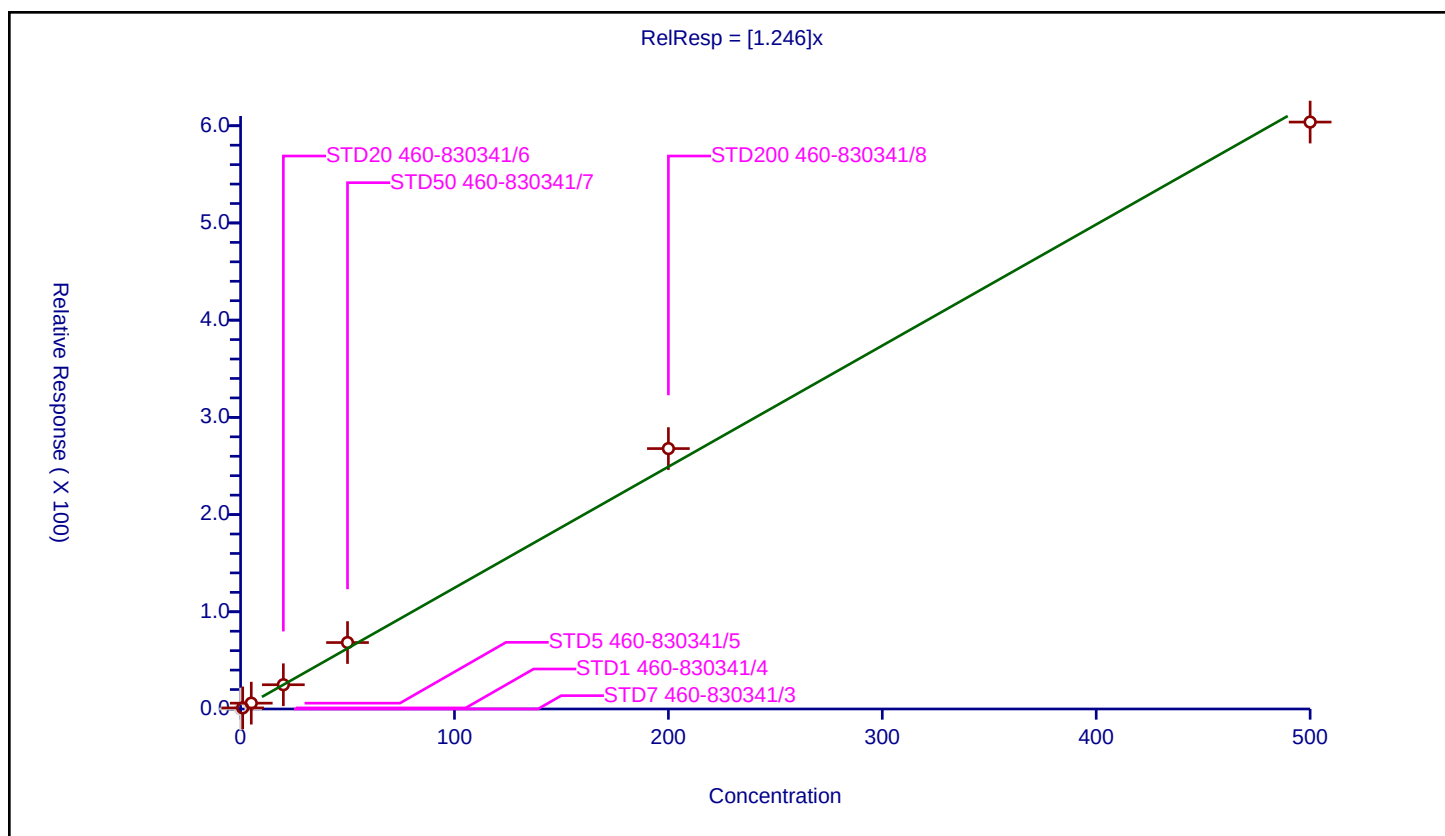
Curve Coefficients

Intercept: 0
 Slope: 1.246

Error Coefficients

Standard Error: 2250000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	1.114273	50.0	313074.0	1.114273	Y
3	STD5 460-830341/5	5.0	5.999954	50.0	303144.0	1.199991	Y
4	STD20 460-830341/6	20.0	24.96148	50.0	337490.0	1.248074	Y
5	STD50 460-830341/7	50.0	68.351295	50.0	354648.0	1.367026	Y
6	STD200 460-830341/8	200.0	267.900202	50.0	365440.0	1.339501	Y
7	STD500 460-830341/9	500.0	603.773154	50.0	381140.0	1.207546	Y



Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

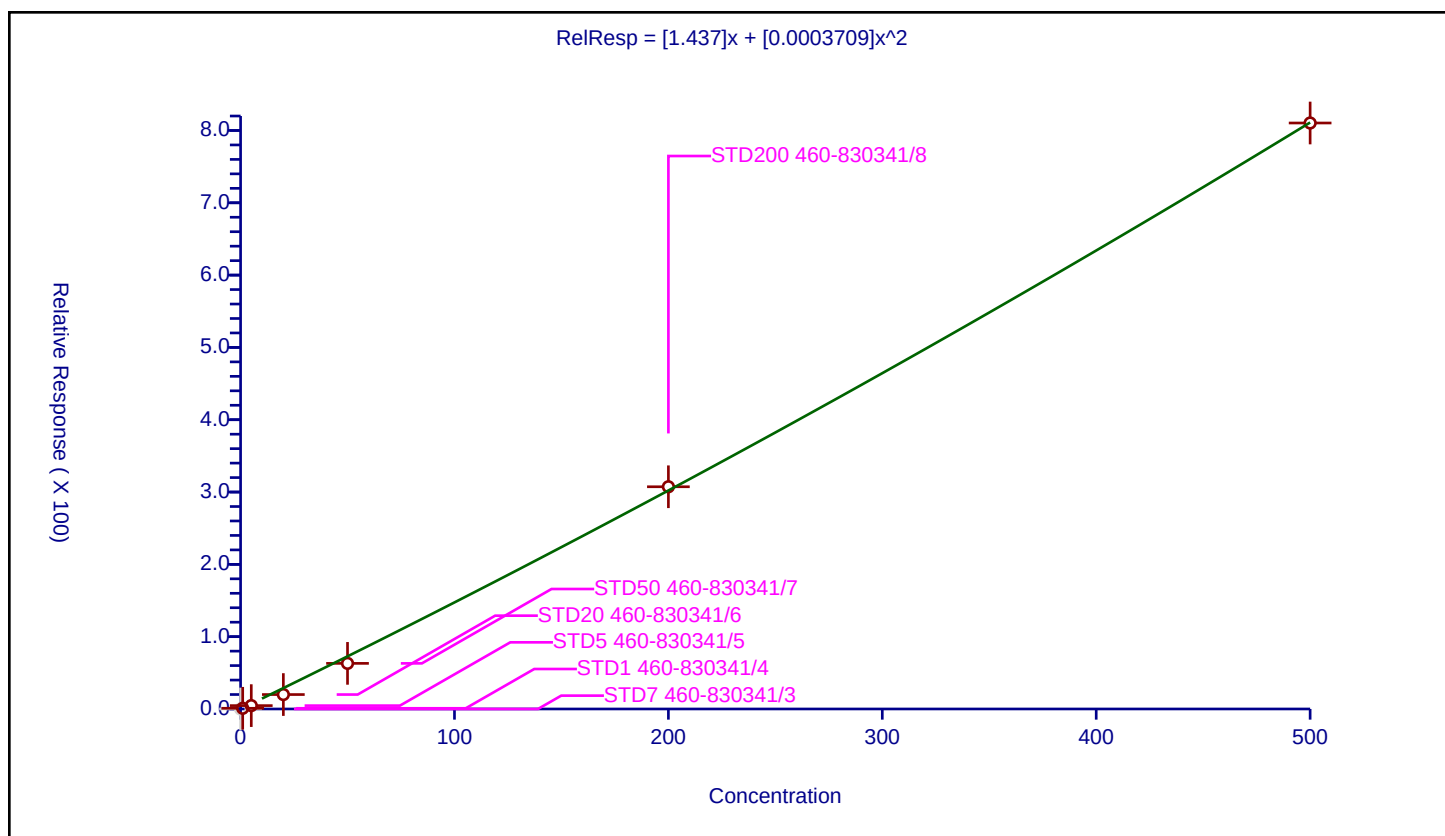
Curve Coefficients

Intercept: 0
 Slope: 1.437
 Second Order: 0.0003709

Error Coefficients

Standard Error: 1620000
 Relative Standard Error: 28.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.993994	50.0	167003.0	0.993994	Y
3	STD5 460-830341/5	5.0	4.67034	50.0	162986.0	0.934068	Y
4	STD20 460-830341/6	20.0	19.986084	50.0	181091.0	0.999304	Y
5	STD50 460-830341/7	50.0	63.08687	50.0	187925.0	1.261737	Y
6	STD200 460-830341/8	200.0	307.321943	50.0	185545.0	1.53661	Y
7	STD500 460-830341/9	500.0	810.334915	50.0	185928.0	1.62067	Y



Calibration

/ Bromoform

Curve Type: Quadratic
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

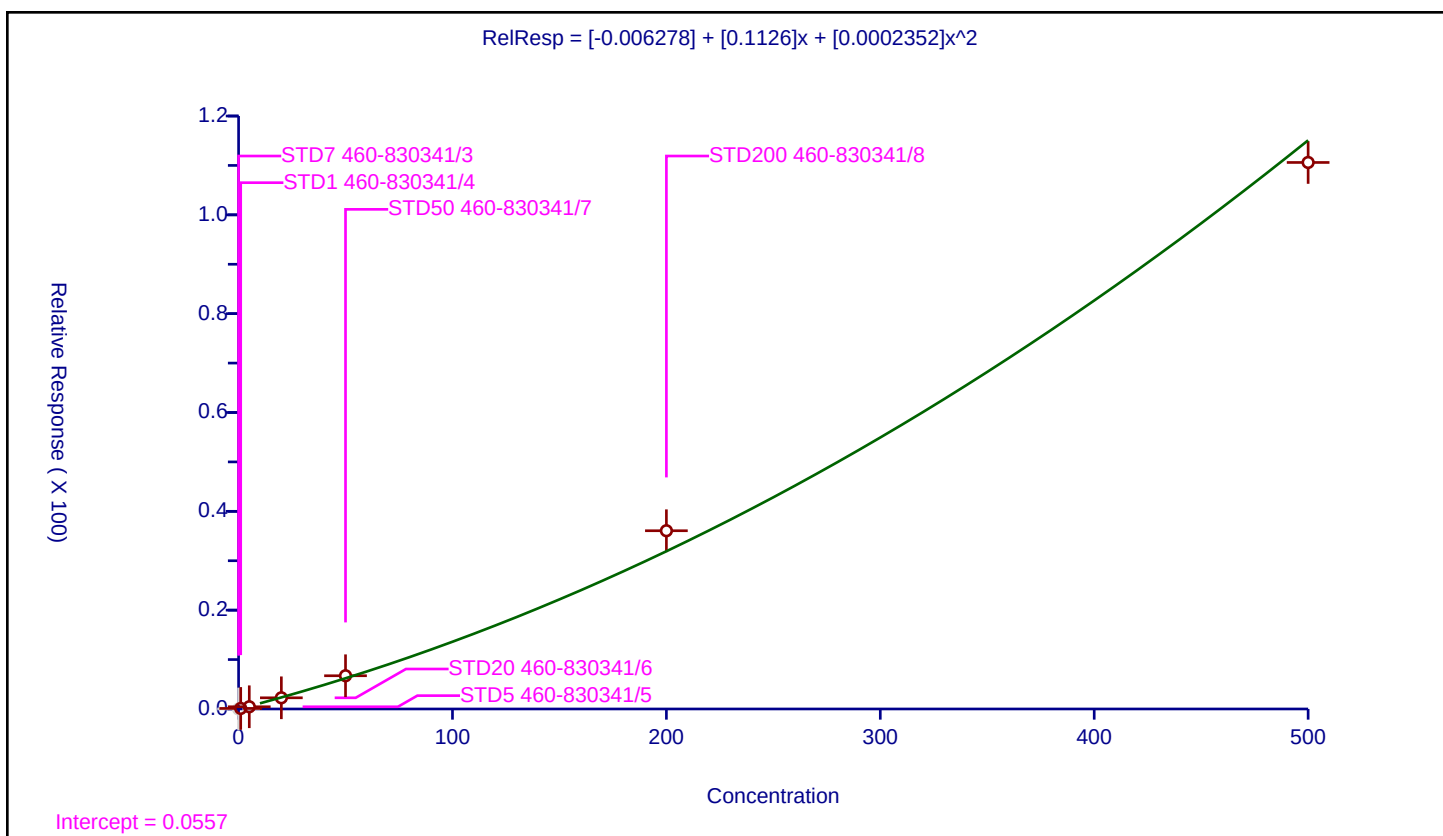
Curve Coefficients

Intercept: -0.006278
 Slope: 0.1126
 Second Order: 0.0002352

Error Coefficients

Standard Error: 511000
 Relative Standard Error: 13.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	0.110996	50.0	313074.0	0.110996	Y
3	STD5 460-830341/5	5.0	0.449126	50.0	303144.0	0.089825	Y
4	STD20 460-830341/6	20.0	2.261993	50.0	337490.0	0.1131	Y
5	STD50 460-830341/7	50.0	6.728785	50.0	354648.0	0.134576	Y
6	STD200 460-830341/8	200.0	36.072406	50.0	365440.0	0.180362	Y
7	STD500 460-830341/9	500.0	110.600042	50.0	381140.0	0.2212	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

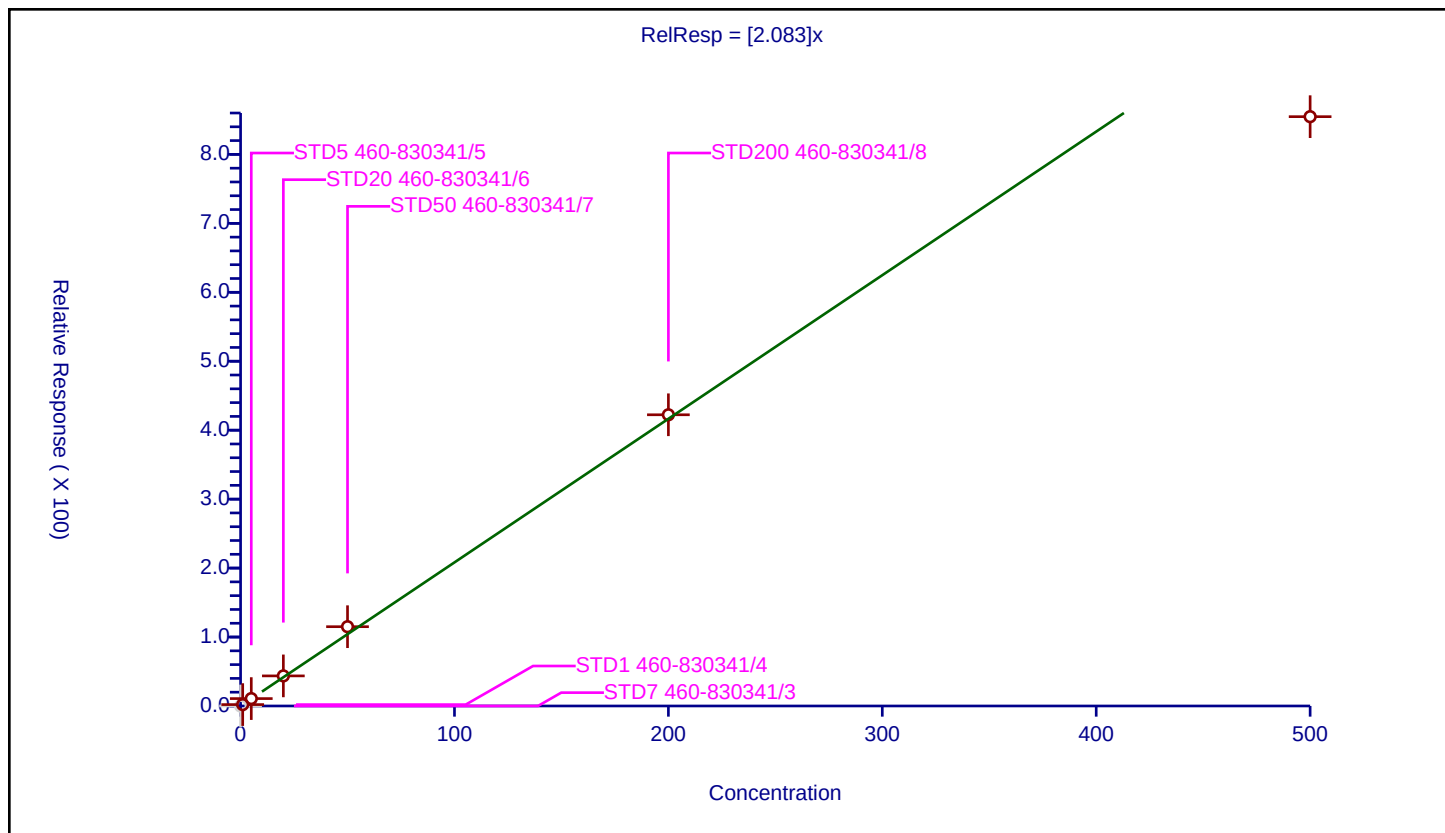
Curve Coefficients

Intercept: 0
Slope: 2.083

Error Coefficients

Standard Error: 3250000
Relative Standard Error: 9.7
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	309741.0	NaN	N
2	STD1 460-830341/4	1.0	2.044724	50.0	313074.0	2.044724	Y
3	STD5 460-830341/5	5.0	10.737471	50.0	303144.0	2.147494	Y
4	STD20 460-830341/6	20.0	43.644552	50.0	337490.0	2.182228	Y
5	STD50 460-830341/7	50.0	115.01517	50.0	354648.0	2.300303	Y
6	STD200 460-830341/8	200.0	422.352917	50.0	365440.0	2.111765	Y
7	STD500 460-830341/9	500.0	854.686729	50.0	381140.0	1.709373	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

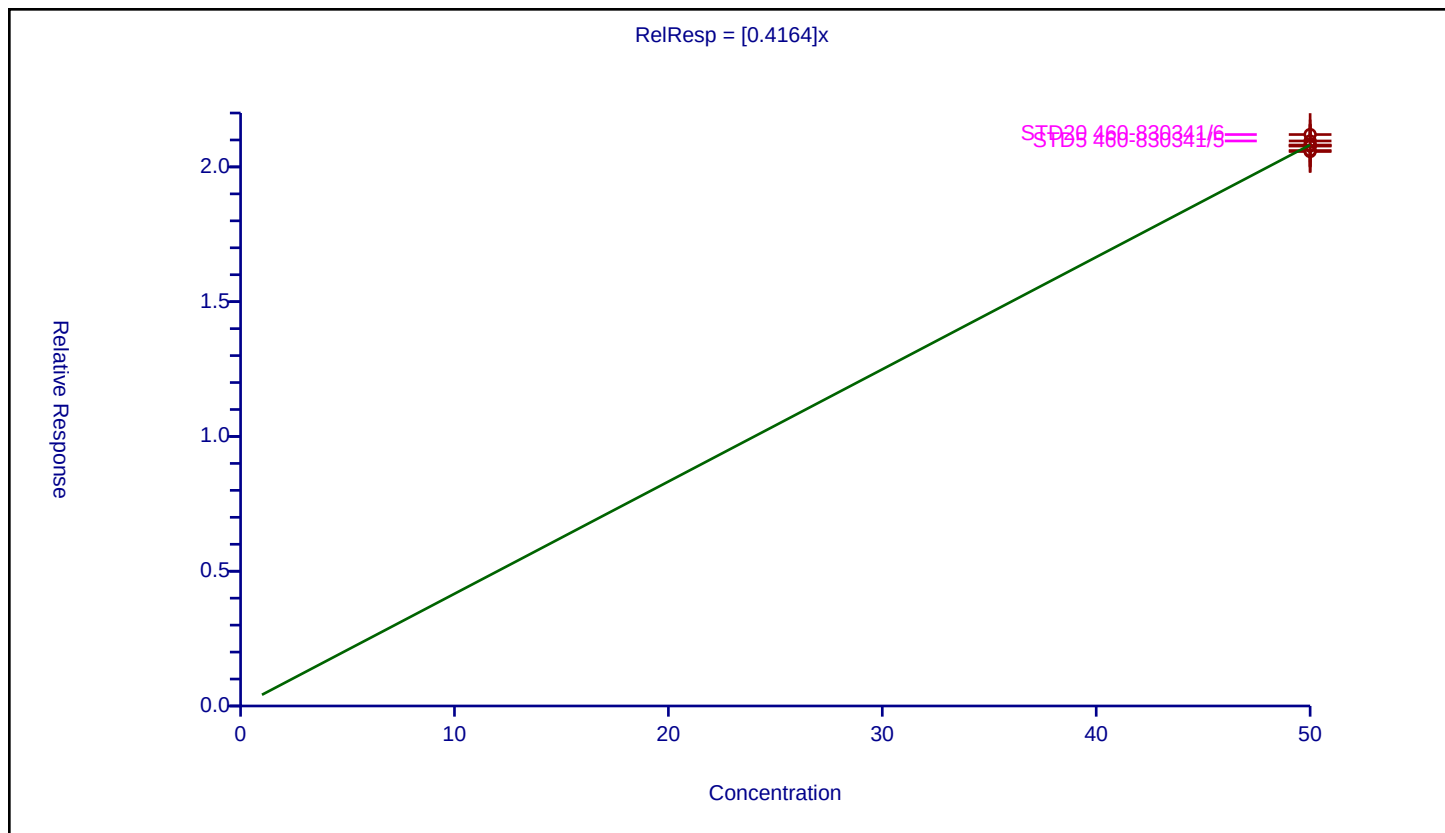
Curve Coefficients

Intercept: 0
Slope: 0.4164

Error Coefficients

Standard Error: 152000
Relative Standard Error: 1.0
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	50.0	20.570896	50.0	309741.0	0.411418	Y
2	STD1 460-830341/4	50.0	20.812811	50.0	313074.0	0.416256	Y
3	STD5 460-830341/5	50.0	20.96347	50.0	303144.0	0.419269	Y
4	STD20 460-830341/6	50.0	21.201369	50.0	337490.0	0.424027	Y
5	STD50 460-830341/7	50.0	20.79273	50.0	354648.0	0.415855	Y
6	STD200 460-830341/8	50.0	20.773451	50.0	365440.0	0.415469	Y
7	STD500 460-830341/9	50.0	20.608438	50.0	381140.0	0.412169	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

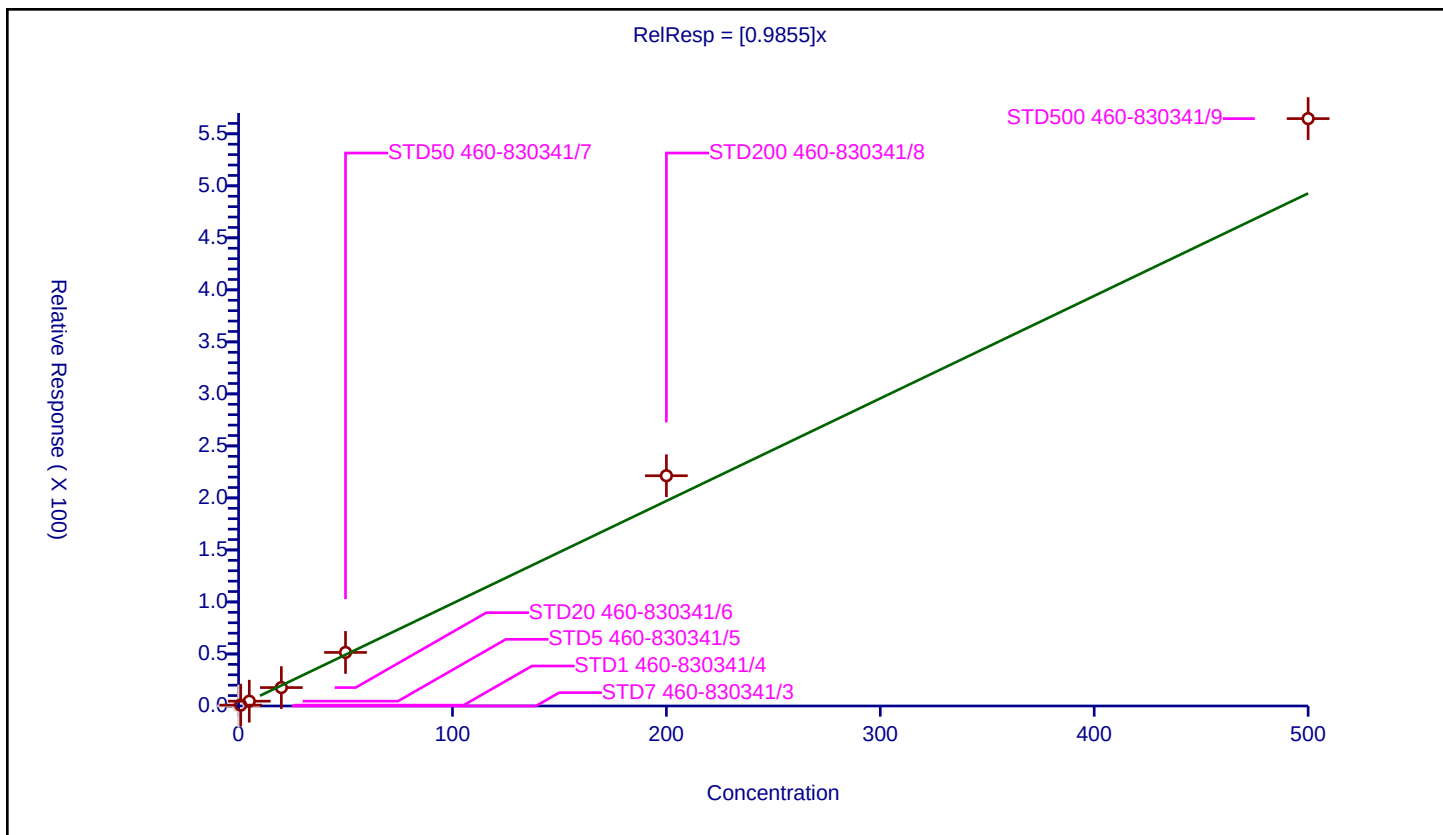
Curve Coefficients

Intercept: 0
 Slope: 0.9855

Error Coefficients

Standard Error: 1010000
 Relative Standard Error: 12.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.838907	50.0	167003.0	0.838907	Y
3	STD5 460-830341/5	5.0	4.621563	50.0	162986.0	0.924313	Y
4	STD20 460-830341/6	20.0	17.689173	50.0	181091.0	0.884459	Y
5	STD50 460-830341/7	50.0	51.479846	50.0	187925.0	1.029597	Y
6	STD200 460-830341/8	200.0	221.342262	50.0	185545.0	1.106711	Y
7	STD500 460-830341/9	500.0	564.62152	50.0	185928.0	1.129243	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

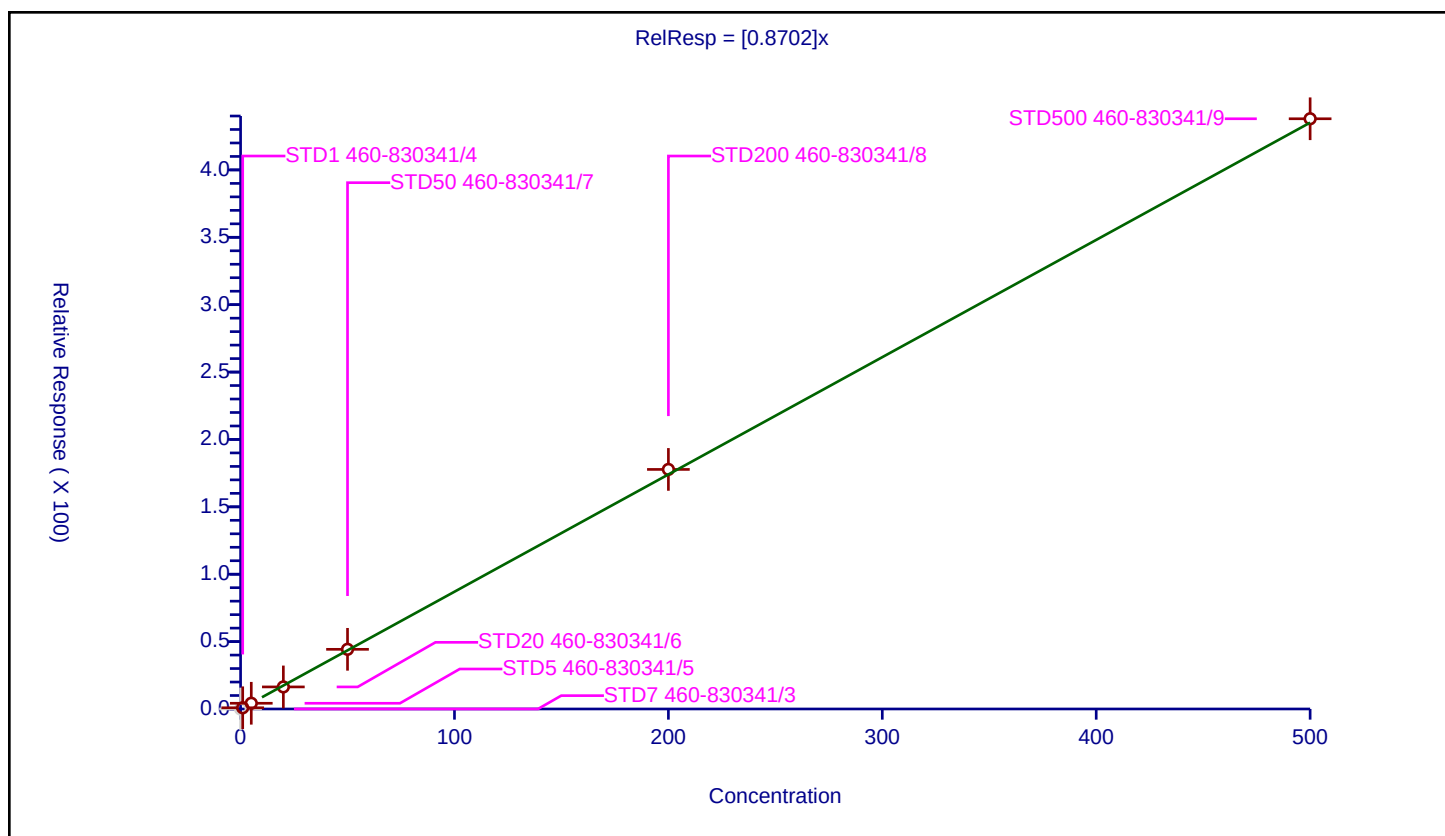
Curve Coefficients

Intercept: 0
 Slope: 0.8702

Error Coefficients

Standard Error: 790000
 Relative Standard Error: 3.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.90208	50.0	167003.0	0.90208	Y
3	STD5 460-830341/5	5.0	4.251592	50.0	162986.0	0.850318	Y
4	STD20 460-830341/6	20.0	16.369394	50.0	181091.0	0.81847	Y
5	STD50 460-830341/7	50.0	44.278303	50.0	187925.0	0.885566	Y
6	STD200 460-830341/8	200.0	177.758765	50.0	185545.0	0.888794	Y
7	STD500 460-830341/9	500.0	437.967923	50.0	185928.0	0.875936	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

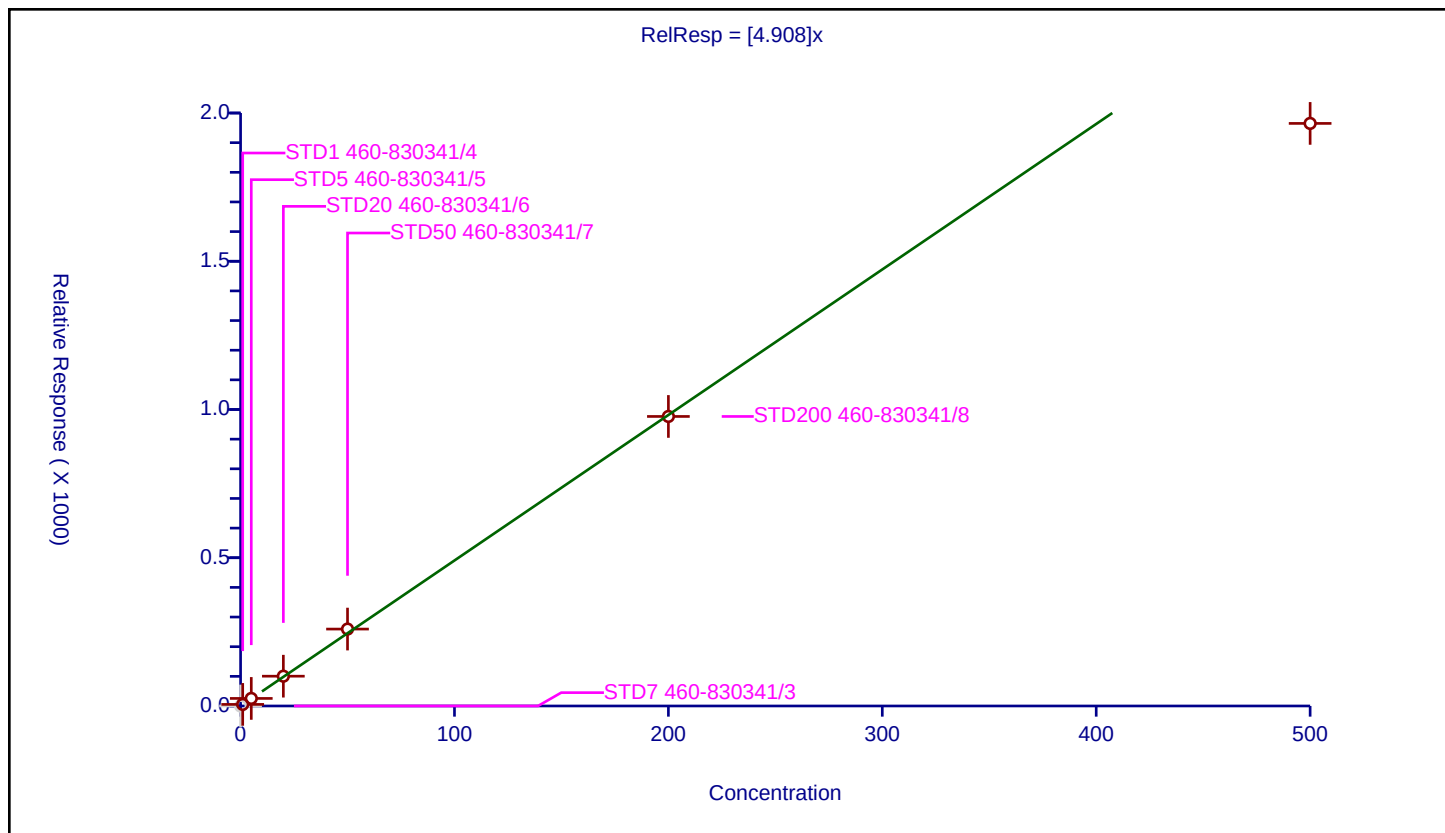
Curve Coefficients

Intercept: 0
Slope: 4.908

Error Coefficients

Standard Error: 3680000
Relative Standard Error: 10.2
Correlation Coefficient: 0.991
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	5.313677	50.0	167003.0	5.313677	Y
3	STD5 460-830341/5	5.0	25.536242	50.0	162986.0	5.107248	Y
4	STD20 460-830341/6	20.0	100.465512	50.0	181091.0	5.023276	Y
5	STD50 460-830341/7	50.0	259.437542	50.0	187925.0	5.188751	Y
6	STD200 460-830341/8	200.0	976.527258	50.0	185545.0	4.882636	Y
7	STD500 460-830341/9	500.0	1964.892862	50.0	185928.0	3.929786	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

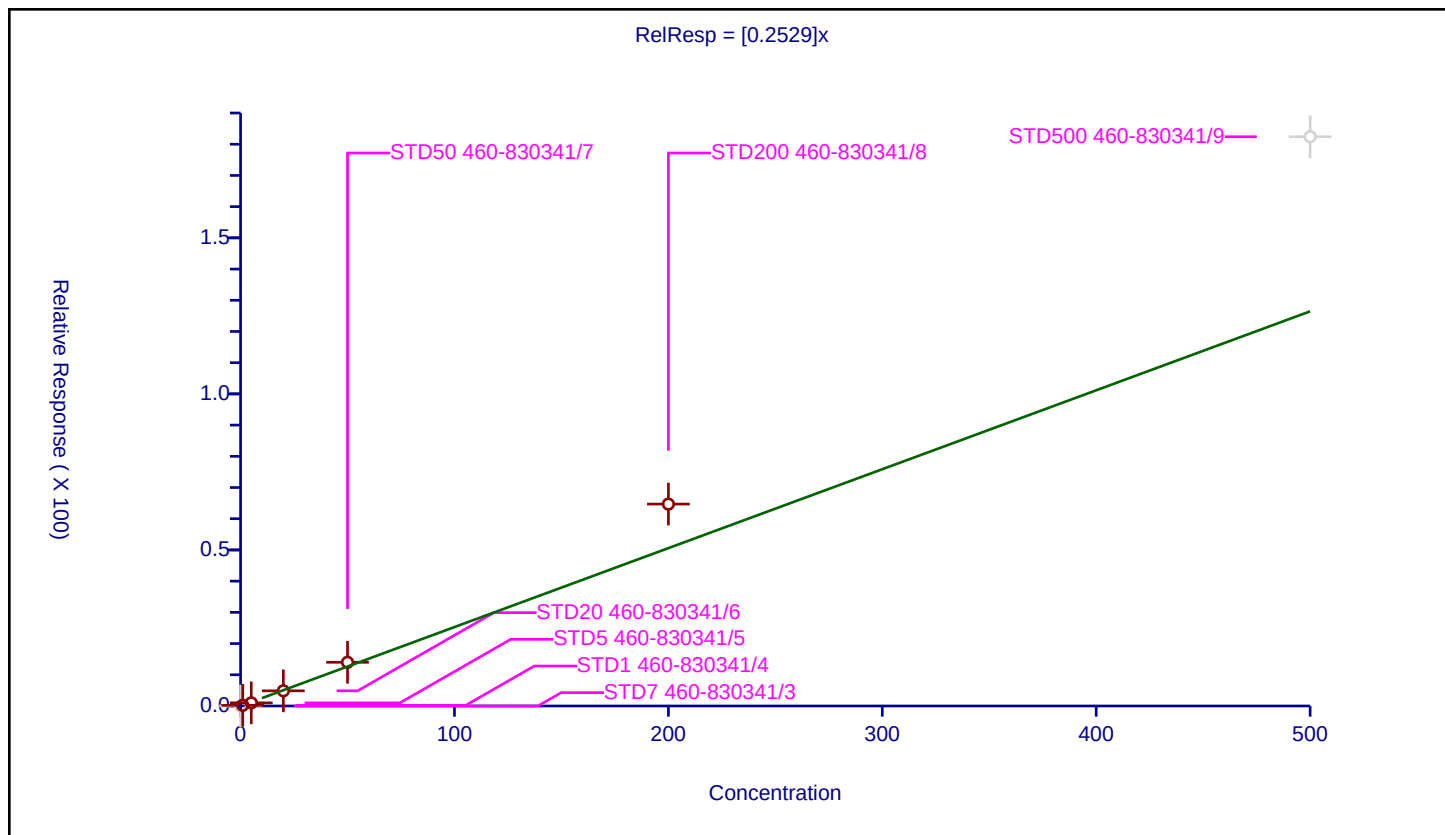
Curve Coefficients

Intercept: 0
 Slope: 0.2529

Error Coefficients

Standard Error: 123000
 Relative Standard Error: 19.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.216763	50.0	167003.0	0.216763	Y
3	STD5 460-830341/5	5.0	1.004381	50.0	162986.0	0.200876	Y
4	STD20 460-830341/6	20.0	4.86689	50.0	181091.0	0.243345	Y
5	STD50 460-830341/7	50.0	13.998404	50.0	187925.0	0.279968	Y
6	STD200 460-830341/8	200.0	64.694548	50.0	185545.0	0.323473	Y
7	STD500 460-830341/9	500.0	182.39426	50.0	185928.0	0.364789	N



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

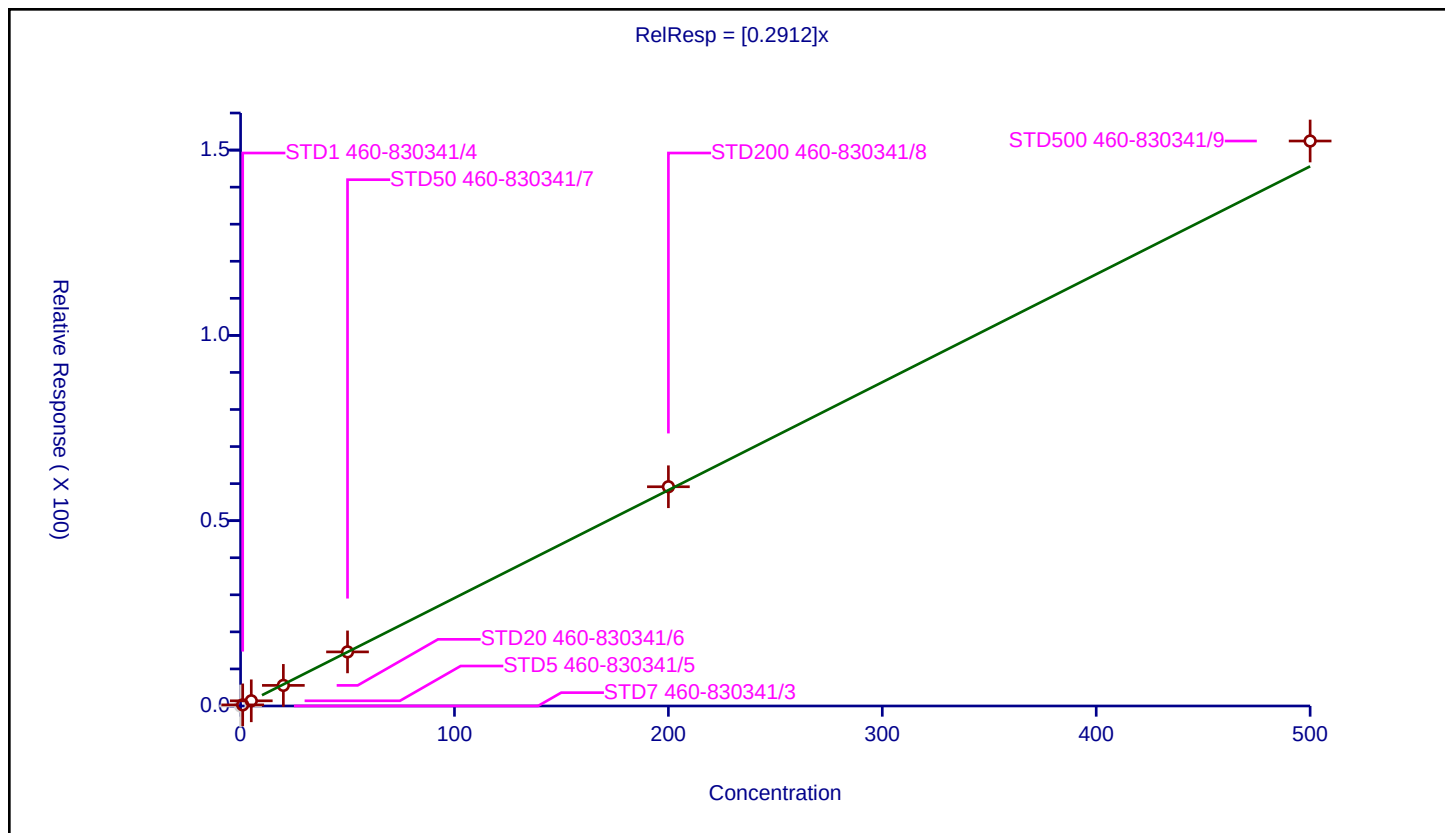
Curve Coefficients

Intercept: 0
 Slope: 0.2912

Error Coefficients

Standard Error: 273000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.2973	50.0	167003.0	0.2973	Y
3	STD5 460-830341/5	5.0	1.397359	50.0	162986.0	0.279472	Y
4	STD20 460-830341/6	20.0	5.559084	50.0	181091.0	0.277954	Y
5	STD50 460-830341/7	50.0	14.596249	50.0	187925.0	0.291925	Y
6	STD200 460-830341/8	200.0	59.154922	50.0	185545.0	0.295775	Y
7	STD500 460-830341/9	500.0	152.44315	50.0	185928.0	0.304886	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

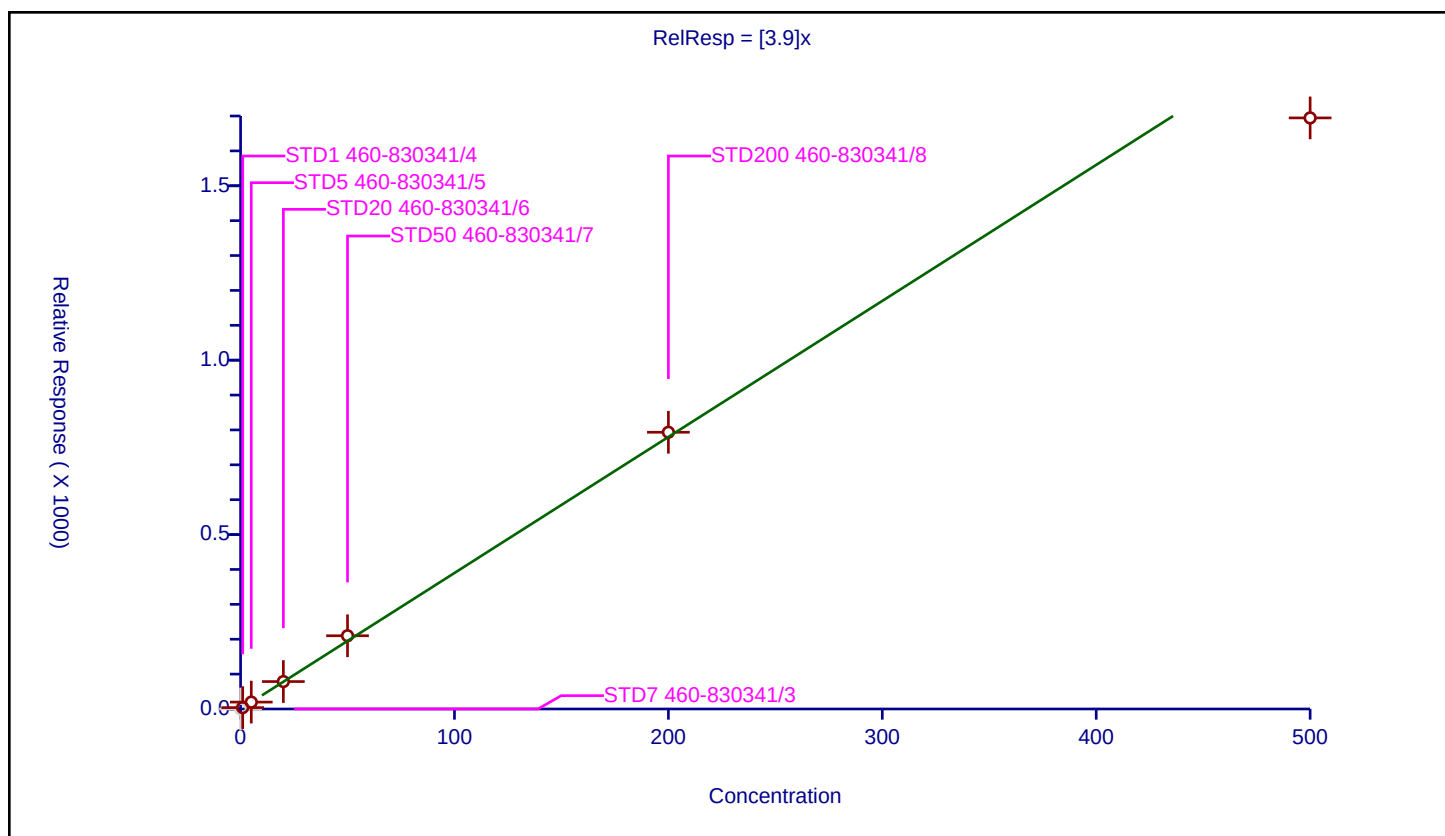
Curve Coefficients

Intercept: 0
Slope: 3.9

Error Coefficients

Standard Error: 3130000
Relative Standard Error: 6.9
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.966995	50.0	167003.0	3.966995	Y
3	STD5 460-830341/5	5.0	19.725621	50.0	162986.0	3.945124	Y
4	STD20 460-830341/6	20.0	78.59612	50.0	181091.0	3.929806	Y
5	STD50 460-830341/7	50.0	209.994945	50.0	187925.0	4.199899	Y
6	STD200 460-830341/8	200.0	793.382737	50.0	185545.0	3.966914	Y
7	STD500 460-830341/9	500.0	1694.559453	50.0	185928.0	3.389119	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

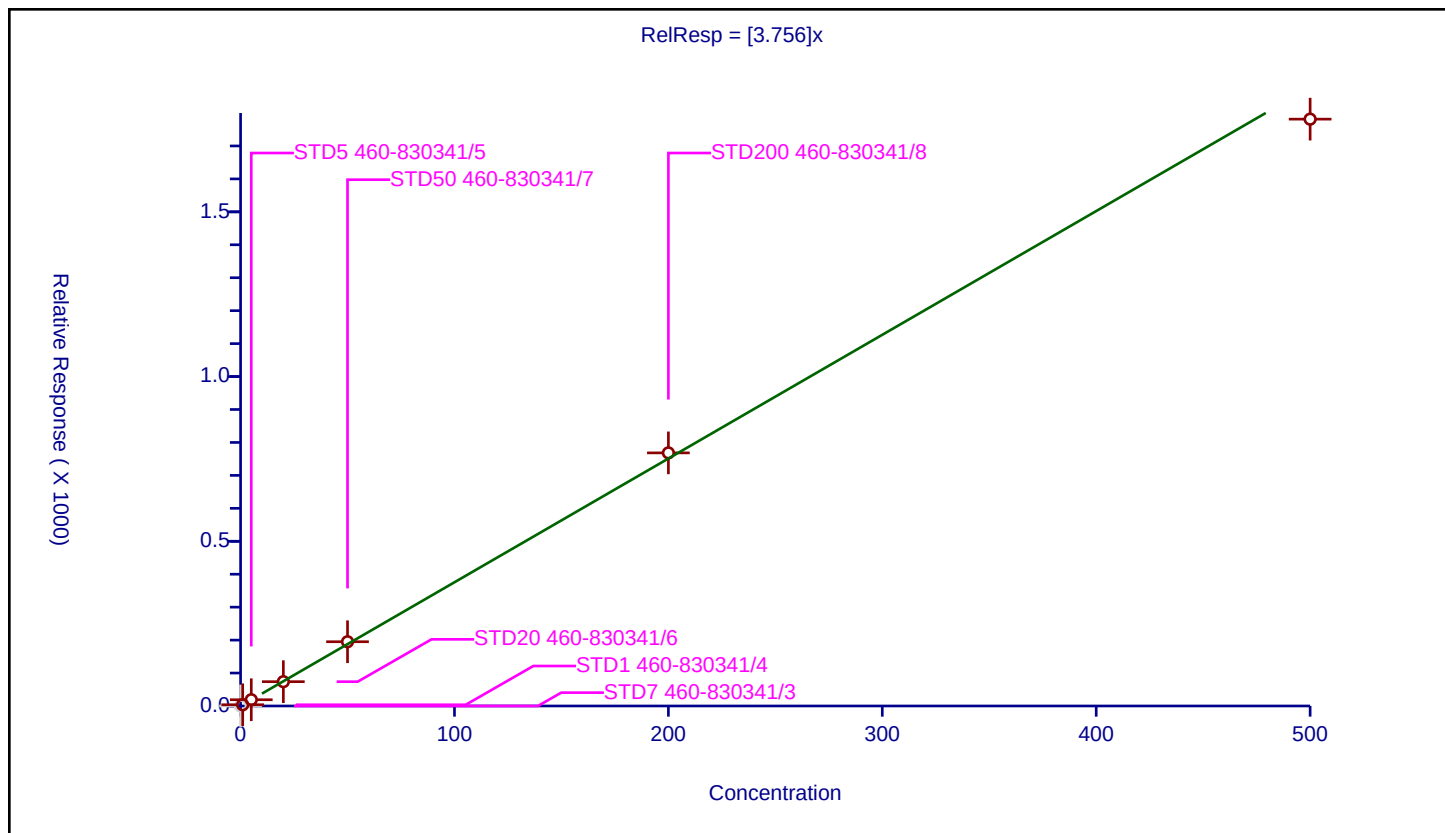
Curve Coefficients

Intercept: 0
 Slope: 3.756

Error Coefficients

Standard Error: 3240000
 Relative Standard Error: 3.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.740651	50.0	167003.0	3.740651	Y
3	STD5 460-830341/5	5.0	18.990895	50.0	162986.0	3.798179	Y
4	STD20 460-830341/6	20.0	73.813166	50.0	181091.0	3.690658	Y
5	STD50 460-830341/7	50.0	195.072768	50.0	187925.0	3.901455	Y
6	STD200 460-830341/8	200.0	768.29152	50.0	185545.0	3.841458	Y
7	STD500 460-830341/9	500.0	1781.34977	50.0	185928.0	3.5627	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

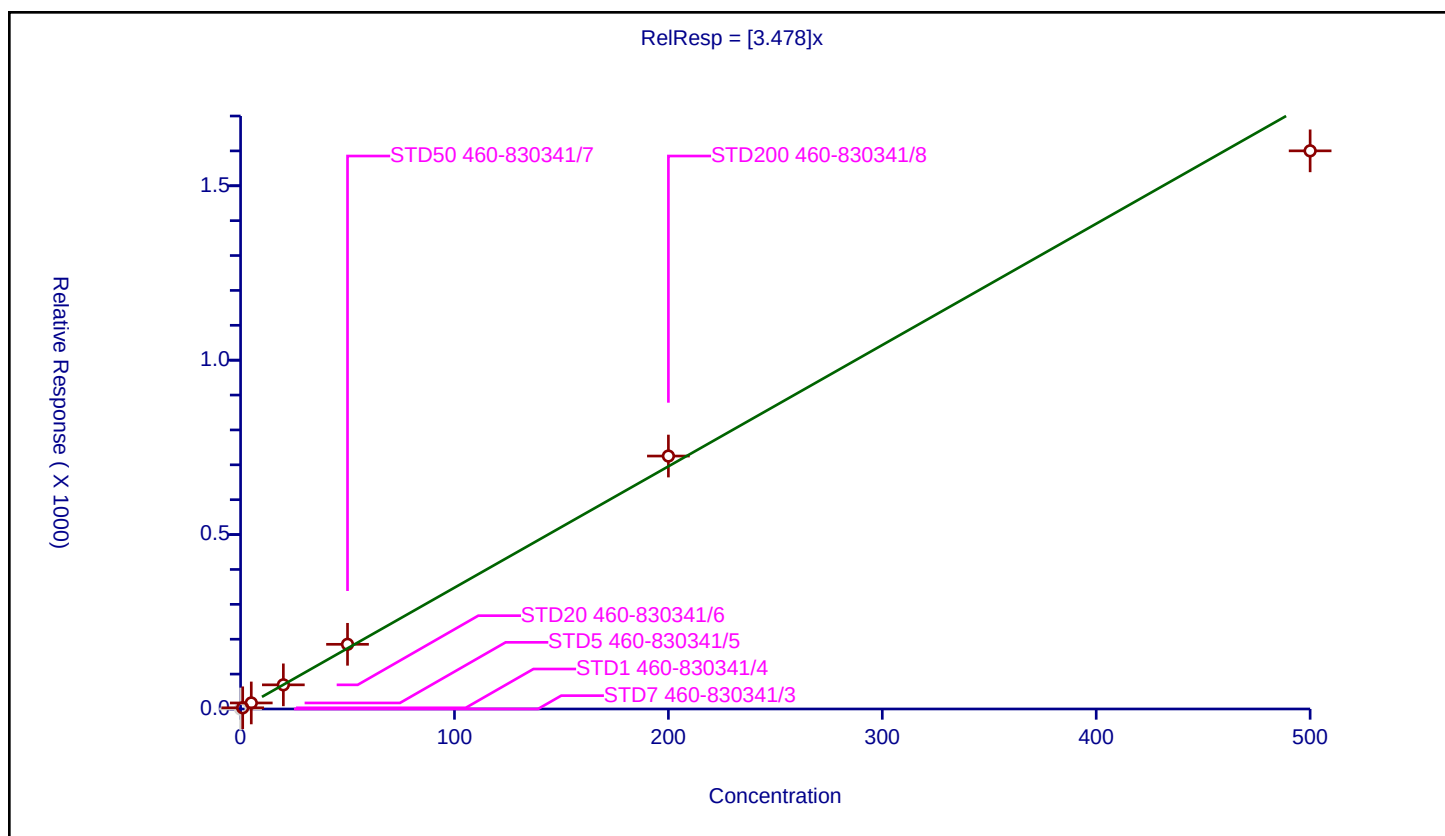
Curve Coefficients

Intercept: 0
 Slope: 3.478

Error Coefficients

Standard Error: 2940000
 Relative Standard Error: 5.1
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.405328	50.0	167003.0	3.405328	Y
3	STD5 460-830341/5	5.0	17.339833	50.0	162986.0	3.467967	Y
4	STD20 460-830341/6	20.0	69.214649	50.0	181091.0	3.460732	Y
5	STD50 460-830341/7	50.0	185.402687	50.0	187925.0	3.708054	Y
6	STD200 460-830341/8	200.0	725.188229	50.0	185545.0	3.625941	Y
7	STD500 460-830341/9	500.0	1600.155437	50.0	185928.0	3.200311	Y



Calibration

/ Butyl Methacrylate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

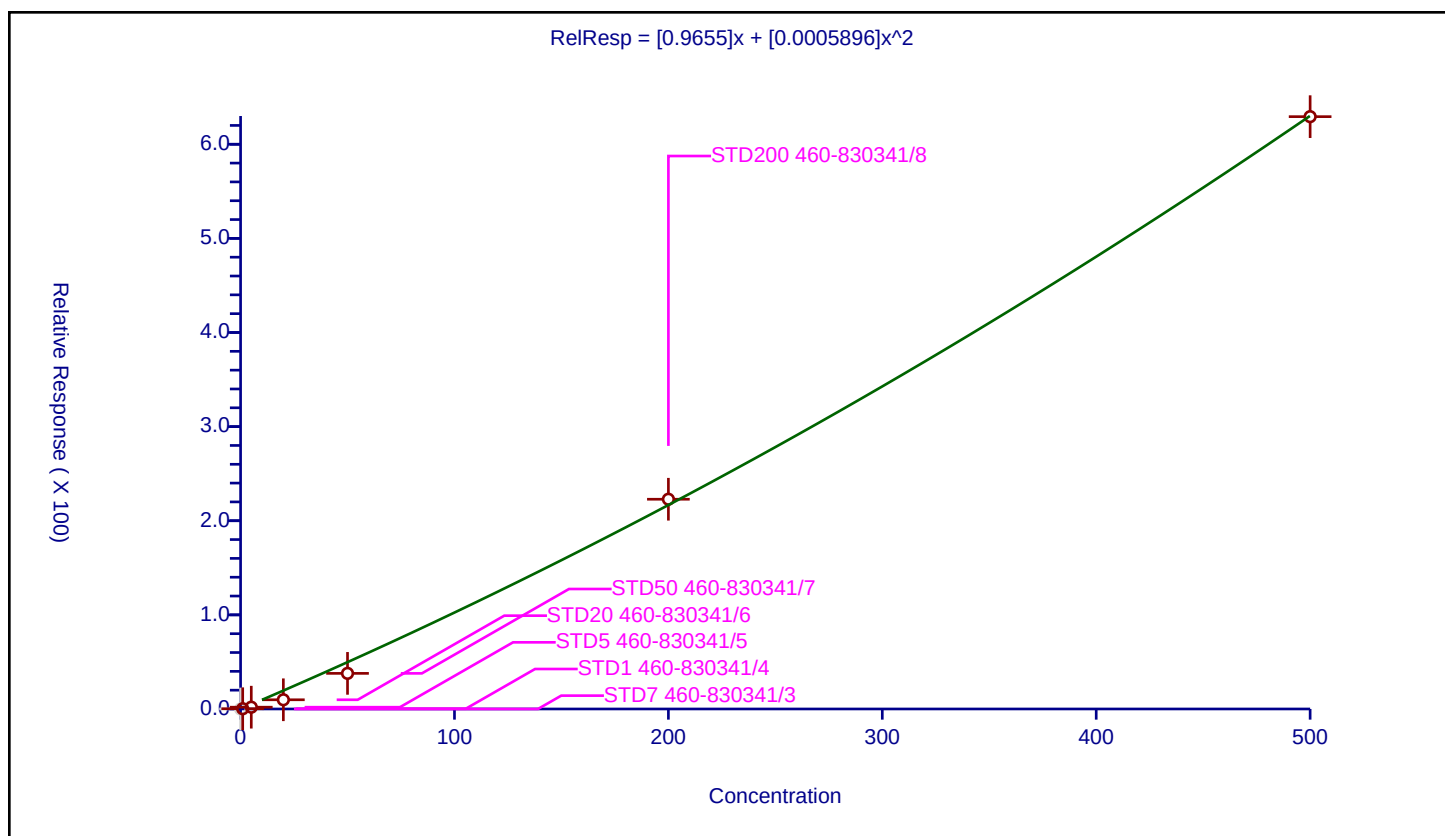
Curve Coefficients

Intercept: 0
 Slope: 0.9655
 Second Order: 0.0005896

Error Coefficients

Standard Error: 1240000
 Relative Standard Error: 54.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.276342	50.0	167003.0	0.276342	Y
3	STD5 460-830341/5	5.0	1.911514	50.0	162986.0	0.382303	Y
4	STD20 460-830341/6	20.0	9.798113	50.0	181091.0	0.489906	Y
5	STD50 460-830341/7	50.0	37.83983	50.0	187925.0	0.756797	Y
6	STD200 460-830341/8	200.0	222.846479	50.0	185545.0	1.114232	Y
7	STD500 460-830341/9	500.0	629.330978	50.0	185928.0	1.258662	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

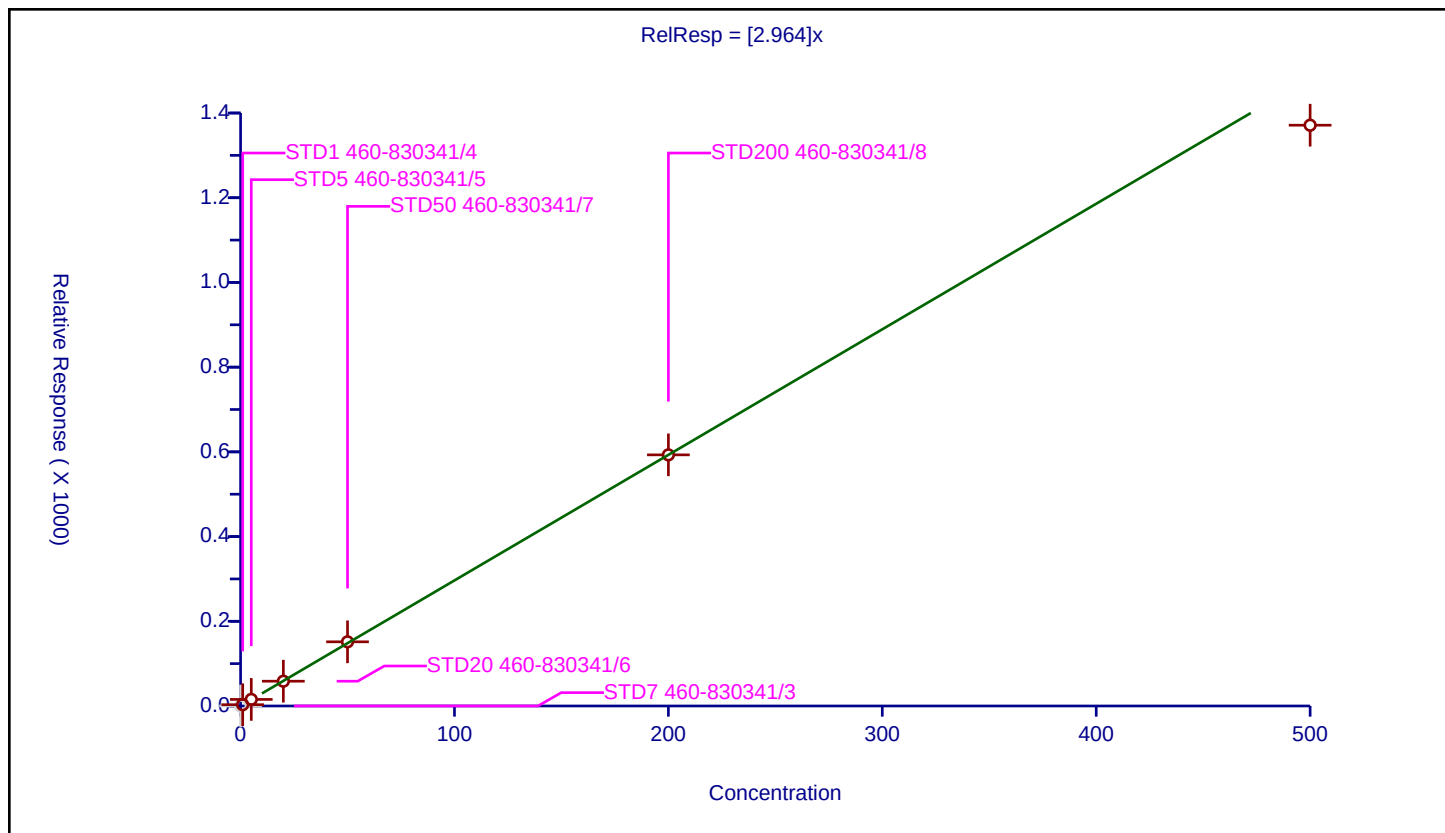
Curve Coefficients

Intercept: 0
 Slope: 2.964

Error Coefficients

Standard Error: 2500000
 Relative Standard Error: 4.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.026592	50.0	167003.0	3.026592	Y
3	STD5 460-830341/5	5.0	15.489674	50.0	162986.0	3.097935	Y
4	STD20 460-830341/6	20.0	58.502079	50.0	181091.0	2.925104	Y
5	STD50 460-830341/7	50.0	151.493681	50.0	187925.0	3.029874	Y
6	STD200 460-830341/8	200.0	592.931903	50.0	185545.0	2.96466	Y
7	STD500 460-830341/9	500.0	1371.217084	50.0	185928.0	2.742434	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

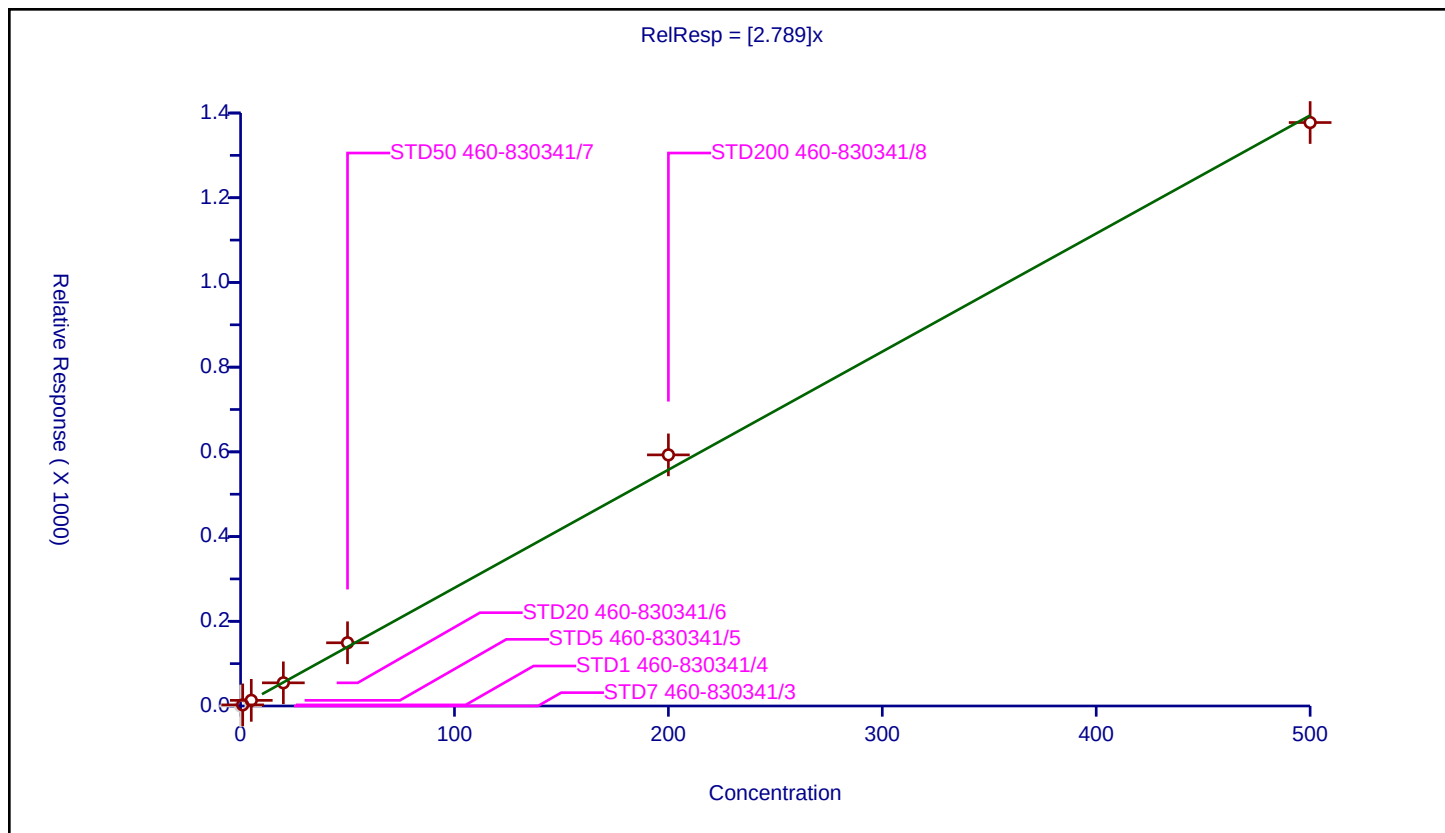
Curve Coefficients

Intercept: 0
Slope: 2.789

Error Coefficients

Standard Error: 2510000
Relative Standard Error: 5.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	2.628097	50.0	167003.0	2.628097	Y
3	STD5 460-830341/5	5.0	13.331513	50.0	162986.0	2.666303	Y
4	STD20 460-830341/6	20.0	54.683833	50.0	181091.0	2.734192	Y
5	STD50 460-830341/7	50.0	149.234535	50.0	187925.0	2.984691	Y
6	STD200 460-830341/8	200.0	592.862378	50.0	185545.0	2.964312	Y
7	STD500 460-830341/9	500.0	1377.536466	50.0	185928.0	2.755073	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

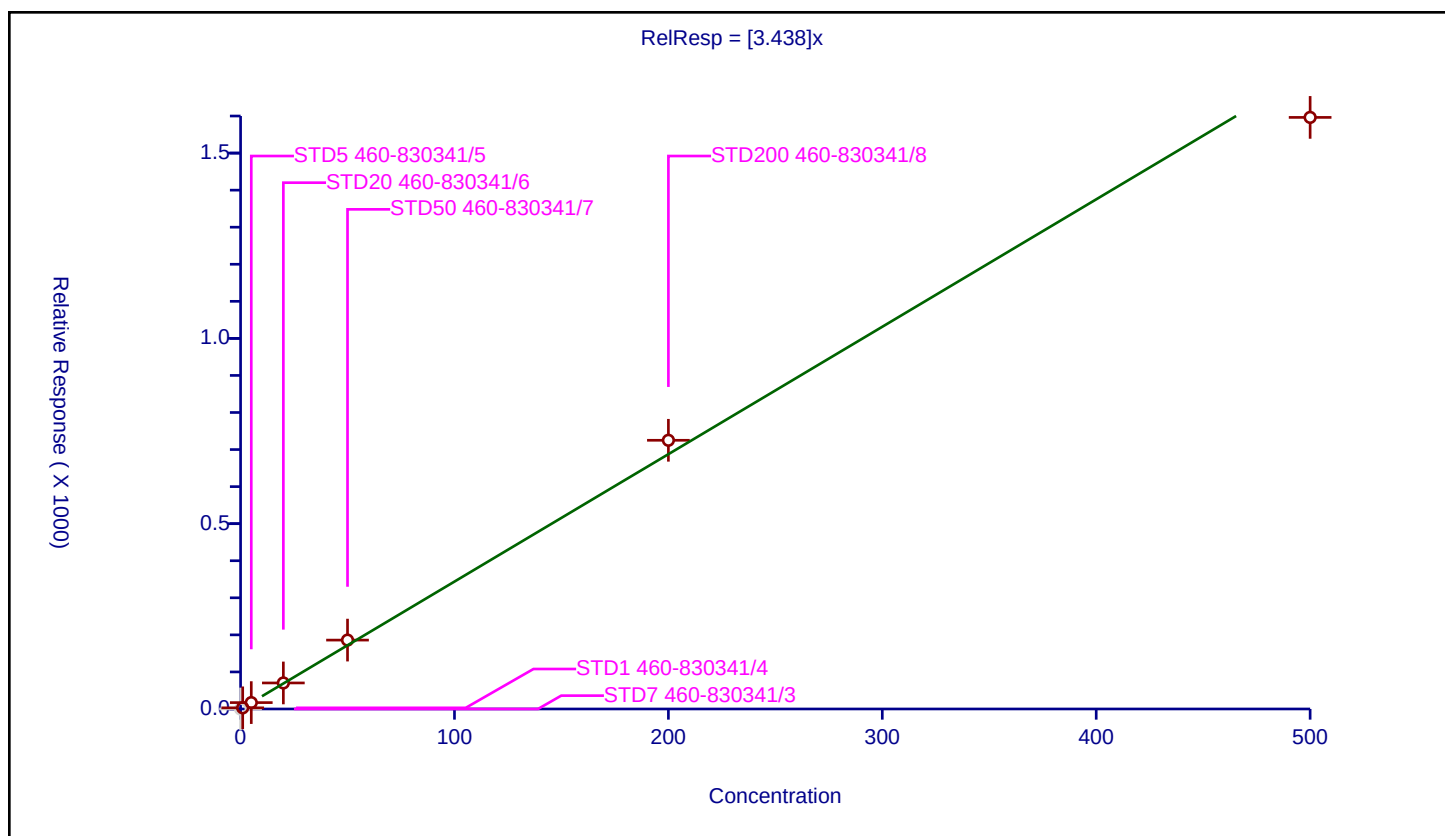
Curve Coefficients

Intercept: 0
 Slope: 3.438

Error Coefficients

Standard Error: 2930000
 Relative Standard Error: 6.8
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.133177	50.0	167003.0	3.133177	Y
3	STD5 460-830341/5	5.0	17.231848	50.0	162986.0	3.44637	Y
4	STD20 460-830341/6	20.0	70.246175	50.0	181091.0	3.512309	Y
5	STD50 460-830341/7	50.0	185.875482	50.0	187925.0	3.71751	Y
6	STD200 460-830341/8	200.0	725.076666	50.0	185545.0	3.625383	Y
7	STD500 460-830341/9	500.0	1596.23806	50.0	185928.0	3.192476	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

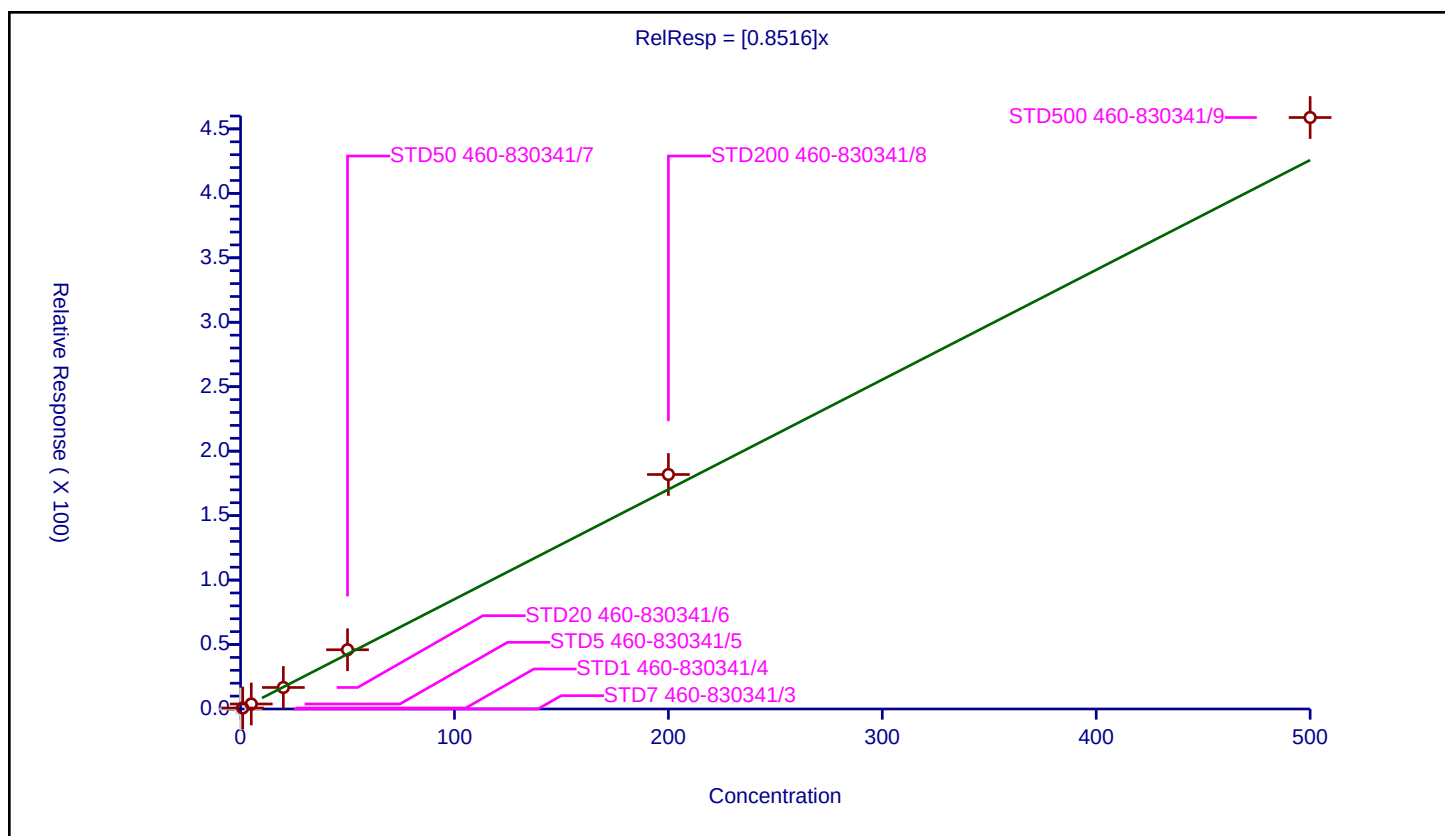
Curve Coefficients

Intercept: 0
 Slope: 0.8516

Error Coefficients

Standard Error: 824000
 Relative Standard Error: 8.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.755376	50.0	167003.0	0.755376	Y
3	STD5 460-830341/5	5.0	3.871805	50.0	162986.0	0.774361	Y
4	STD20 460-830341/6	20.0	16.675594	50.0	181091.0	0.83378	Y
5	STD50 460-830341/7	50.0	45.94865	50.0	187925.0	0.918973	Y
6	STD200 460-830341/8	200.0	181.910049	50.0	185545.0	0.90955	Y
7	STD500 460-830341/9	500.0	458.842939	50.0	185928.0	0.917686	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

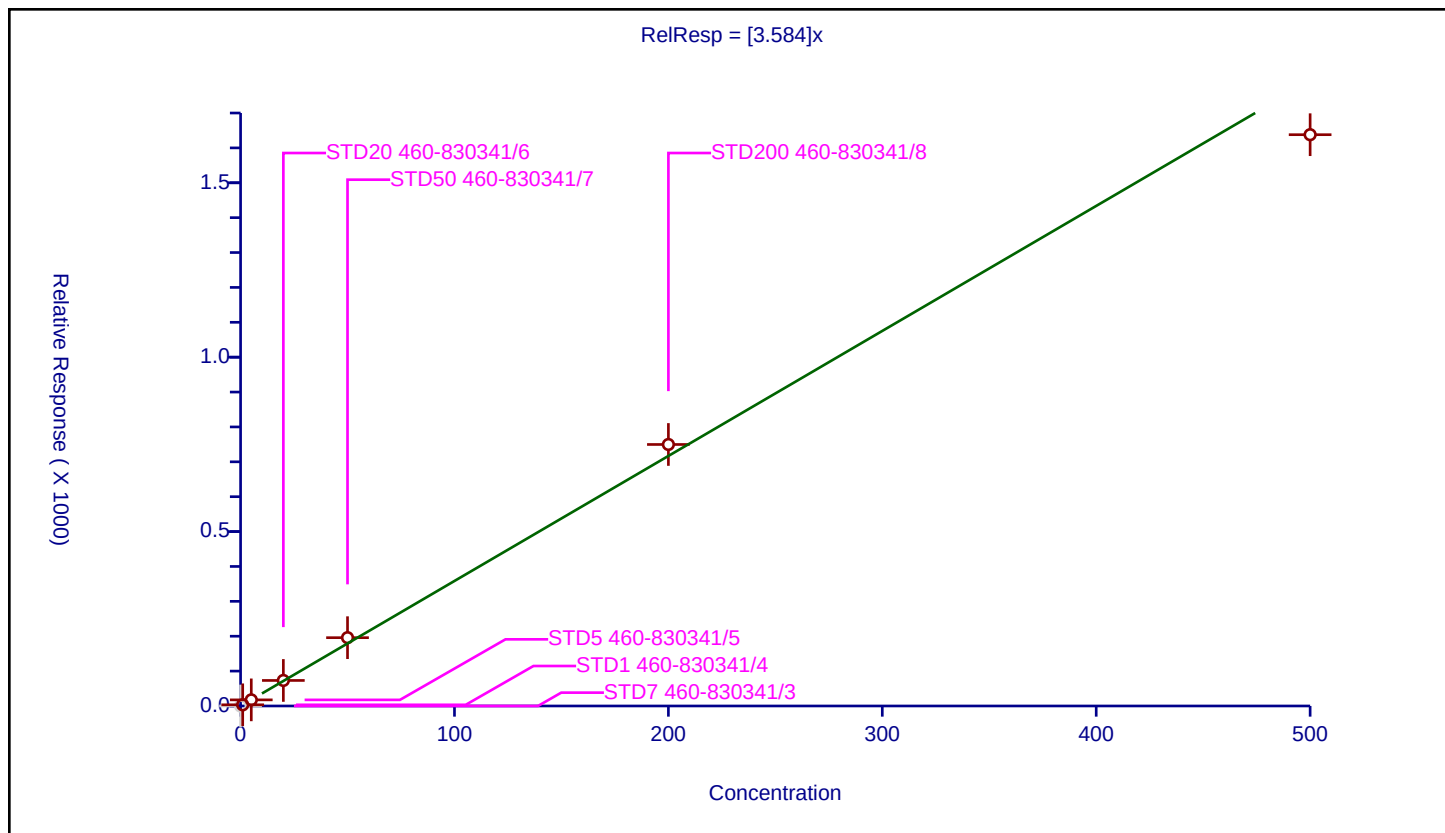
Curve Coefficients

Intercept: 0
 Slope: 3.584

Error Coefficients

Standard Error: 3010000
 Relative Standard Error: 6.6
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.387065	50.0	167003.0	3.387065	Y
3	STD5 460-830341/5	5.0	17.573289	50.0	162986.0	3.514658	Y
4	STD20 460-830341/6	20.0	73.226168	50.0	181091.0	3.661308	Y
5	STD50 460-830341/7	50.0	195.850738	50.0	187925.0	3.917015	Y
6	STD200 460-830341/8	200.0	749.677437	50.0	185545.0	3.748387	Y
7	STD500 460-830341/9	500.0	1637.877028	50.0	185928.0	3.275754	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

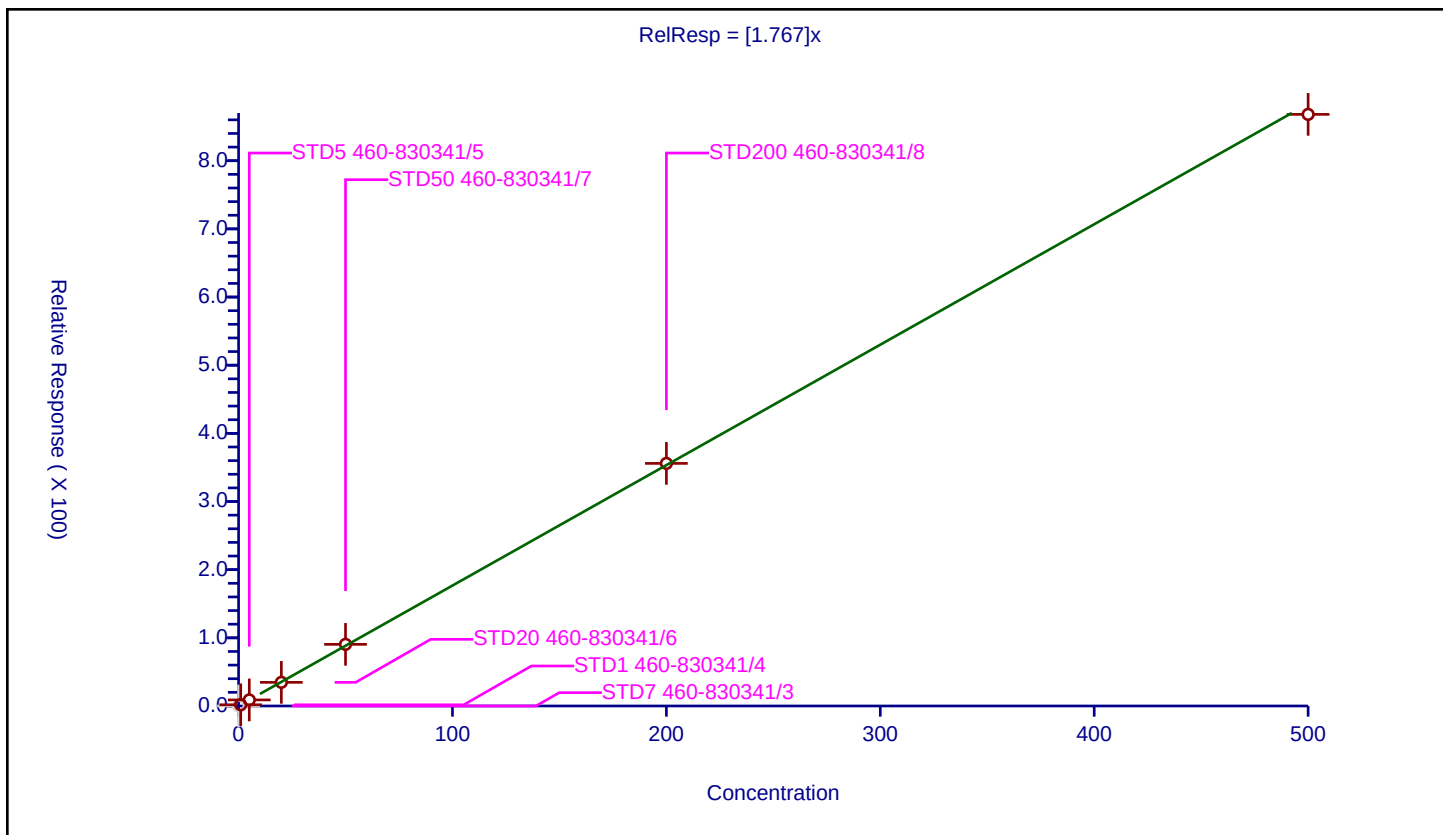
Curve Coefficients

Intercept: 0
 Slope: 1.767

Error Coefficients

Standard Error: 1570000
 Relative Standard Error: 1.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	1.762244	50.0	167003.0	1.762244	Y
3	STD5 460-830341/5	5.0	8.900151	50.0	162986.0	1.78003	Y
4	STD20 460-830341/6	20.0	34.696092	50.0	181091.0	1.734805	Y
5	STD50 460-830341/7	50.0	90.439537	50.0	187925.0	1.808791	Y
6	STD200 460-830341/8	200.0	355.945458	50.0	185545.0	1.779727	Y
7	STD500 460-830341/9	500.0	868.008315	50.0	185928.0	1.736017	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

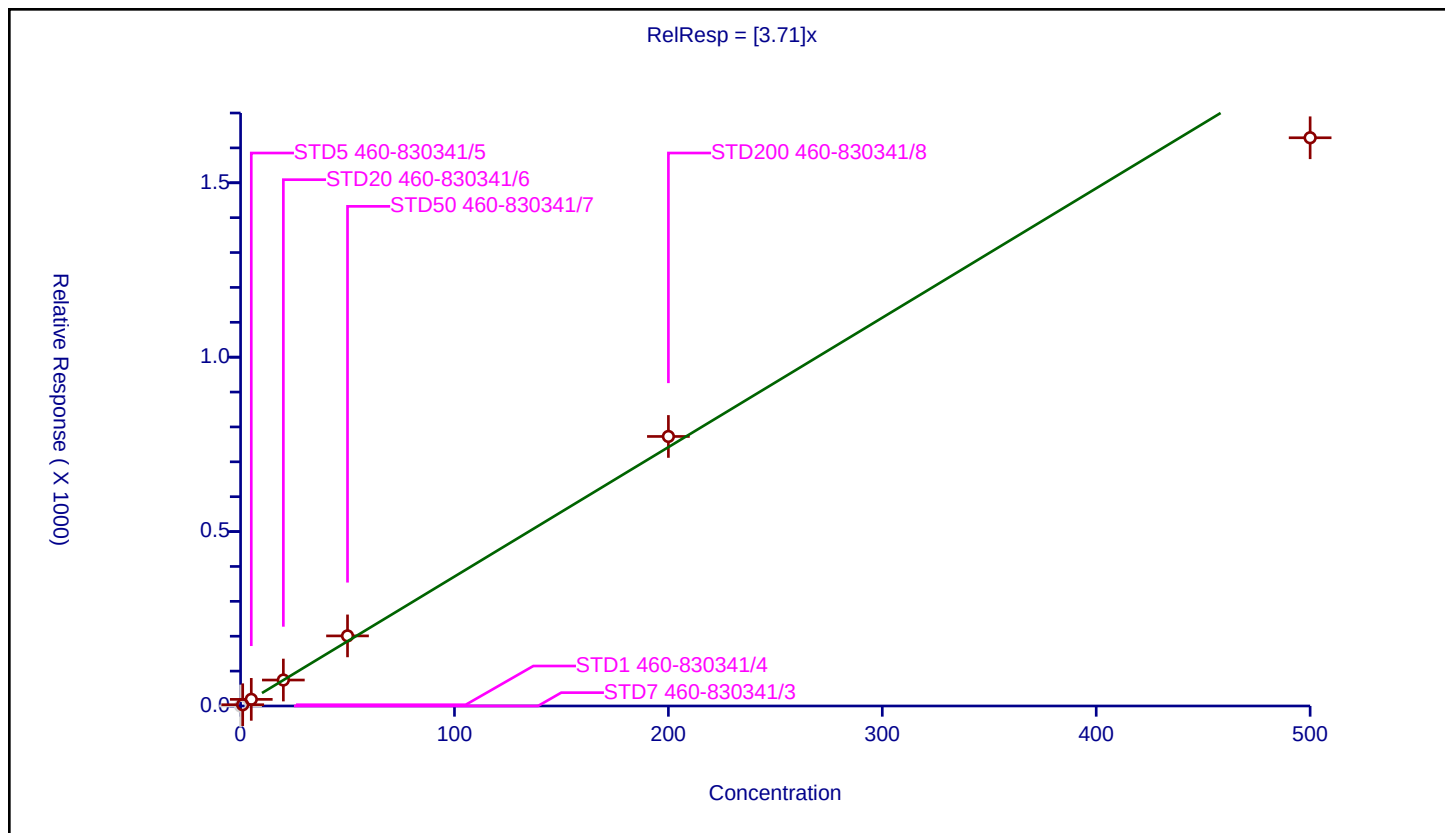
Curve Coefficients

Intercept: 0
 Slope: 3.71

Error Coefficients

Standard Error: 3020000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.605324	50.0	167003.0	3.605324	Y
3	STD5 460-830341/5	5.0	18.97801	50.0	162986.0	3.795602	Y
4	STD20 460-830341/6	20.0	74.419491	50.0	181091.0	3.720975	Y
5	STD50 460-830341/7	50.0	200.968205	50.0	187925.0	4.019364	Y
6	STD200 460-830341/8	200.0	772.72279	50.0	185545.0	3.863614	Y
7	STD500 460-830341/9	500.0	1629.041618	50.0	185928.0	3.258083	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

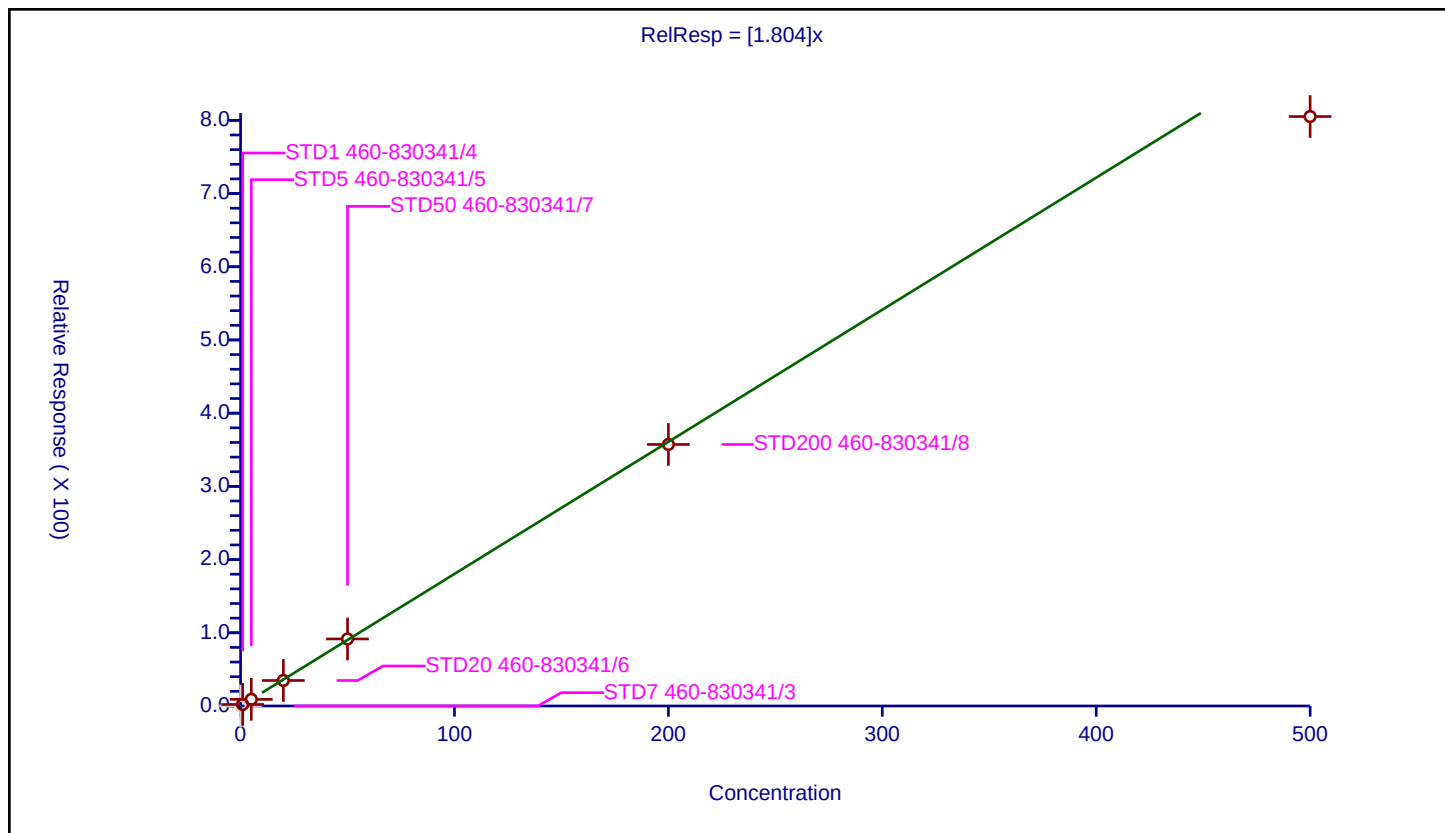
Curve Coefficients

Intercept: 0
Slope: 1.804

Error Coefficients

Standard Error: 1470000
Relative Standard Error: 7.9
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	2.047568	50.0	167003.0	2.047568	Y
3	STD5 460-830341/5	5.0	9.044335	50.0	162986.0	1.808867	Y
4	STD20 460-830341/6	20.0	34.825861	50.0	181091.0	1.741293	Y
5	STD50 460-830341/7	50.0	91.559665	50.0	187925.0	1.831193	Y
6	STD200 460-830341/8	200.0	357.263198	50.0	185545.0	1.786316	Y
7	STD500 460-830341/9	500.0	805.200669	50.0	185928.0	1.610401	Y



Calibration

/ Benzyl chloride

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

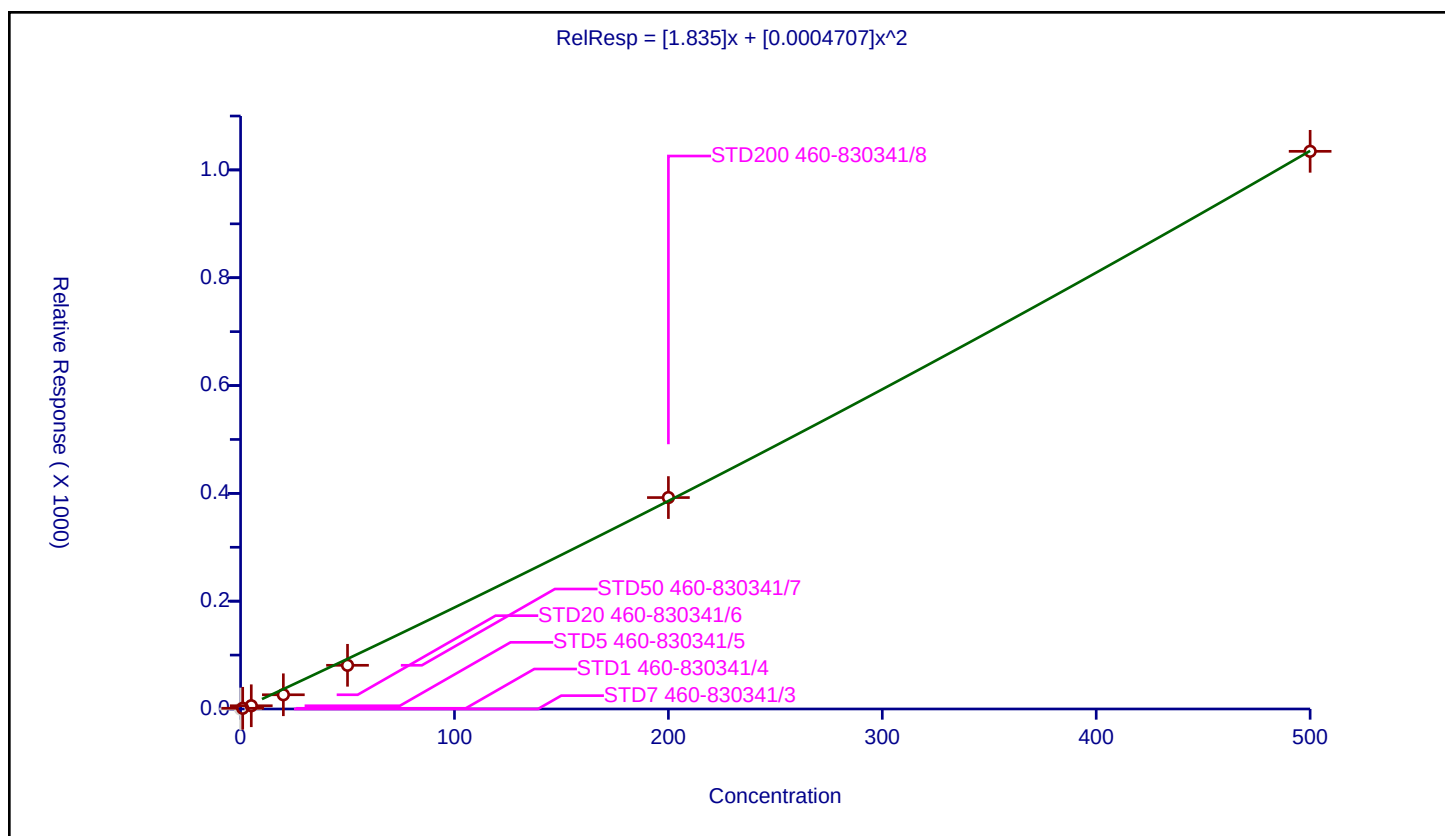
Curve Coefficients

Intercept: 0
 Slope: 1.835
 Second Order: 0.0004707

Error Coefficients

Standard Error: 2060000
 Relative Standard Error: 27.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	1.315246	50.0	167003.0	1.315246	Y
3	STD5 460-830341/5	5.0	5.998061	50.0	162986.0	1.199612	Y
4	STD20 460-830341/6	20.0	26.400539	50.0	181091.0	1.320027	Y
5	STD50 460-830341/7	50.0	81.034189	50.0	187925.0	1.620684	Y
6	STD200 460-830341/8	200.0	392.195155	50.0	185545.0	1.960976	Y
7	STD500 460-830341/9	500.0	1034.512553	50.0	185928.0	2.069025	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

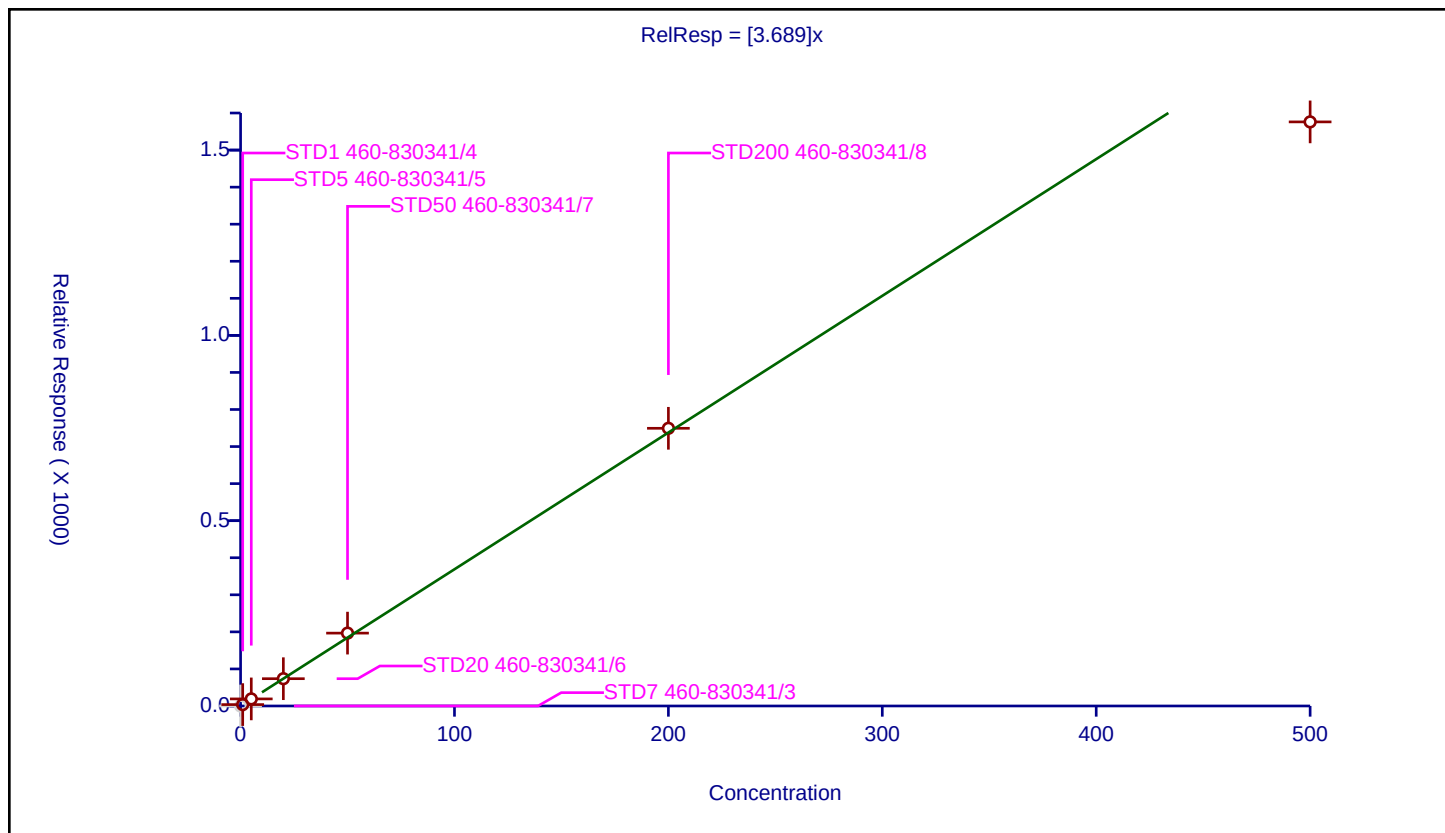
Curve Coefficients

Intercept: 0
 Slope: 3.689

Error Coefficients

Standard Error: 2920000
 Relative Standard Error: 7.5
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.803824	50.0	167003.0	3.803824	Y
3	STD5 460-830341/5	5.0	19.07986	50.0	162986.0	3.815972	Y
4	STD20 460-830341/6	20.0	73.664898	50.0	181091.0	3.683245	Y
5	STD50 460-830341/7	50.0	196.607423	50.0	187925.0	3.932148	Y
6	STD200 460-830341/8	200.0	749.269719	50.0	185545.0	3.746349	Y
7	STD500 460-830341/9	500.0	1576.032389	50.0	185928.0	3.152065	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

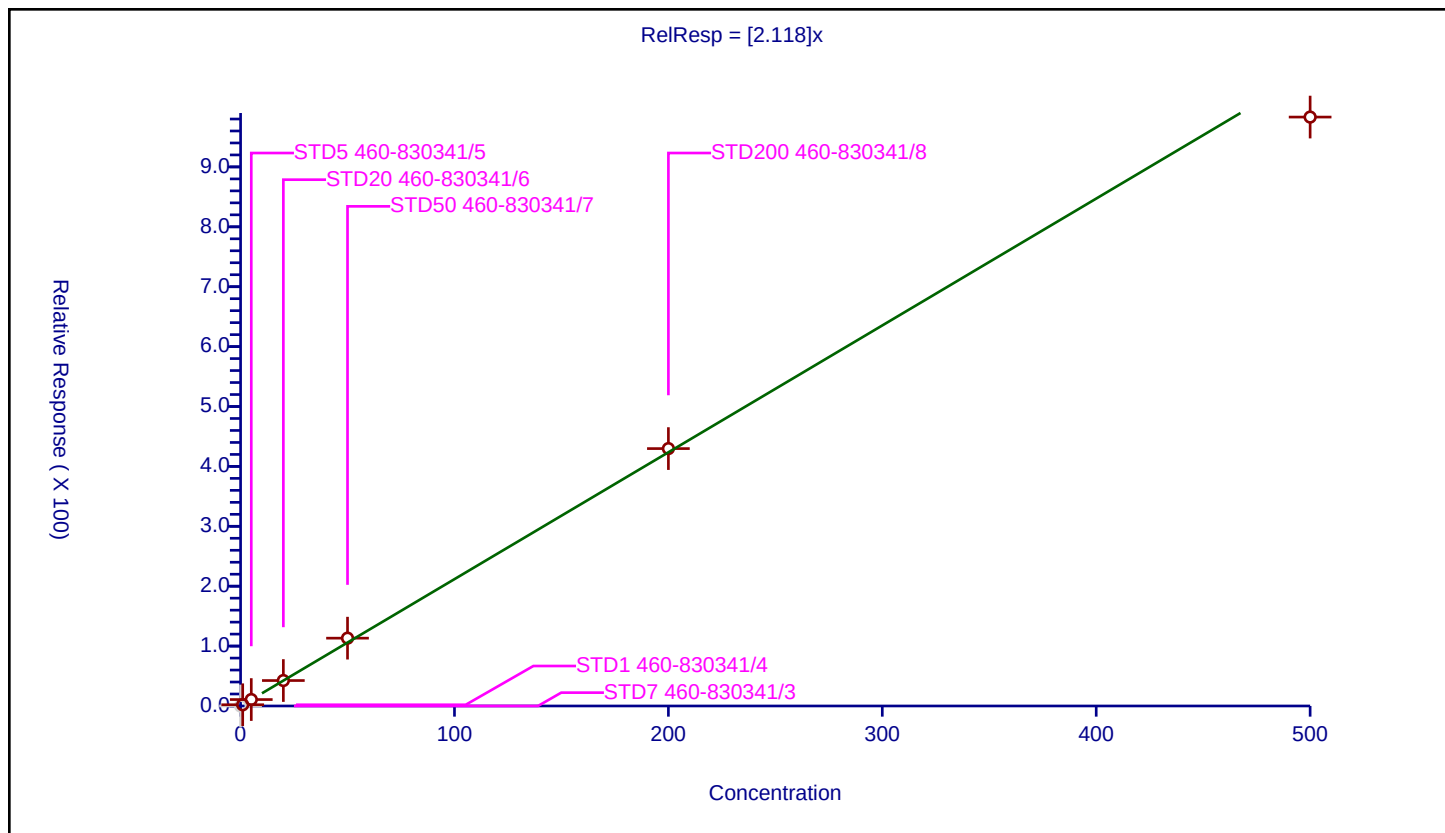
Curve Coefficients

Intercept: 0
 Slope: 2.118

Error Coefficients

Standard Error: 1790000
 Relative Standard Error: 4.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	2.052957	50.0	167003.0	2.052957	Y
3	STD5 460-830341/5	5.0	10.750003	50.0	162986.0	2.150001	Y
4	STD20 460-830341/6	20.0	42.473673	50.0	181091.0	2.123684	Y
5	STD50 460-830341/7	50.0	113.260875	50.0	187925.0	2.265218	Y
6	STD200 460-830341/8	200.0	429.725404	50.0	185545.0	2.148627	Y
7	STD500 460-830341/9	500.0	983.212319	50.0	185928.0	1.966425	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

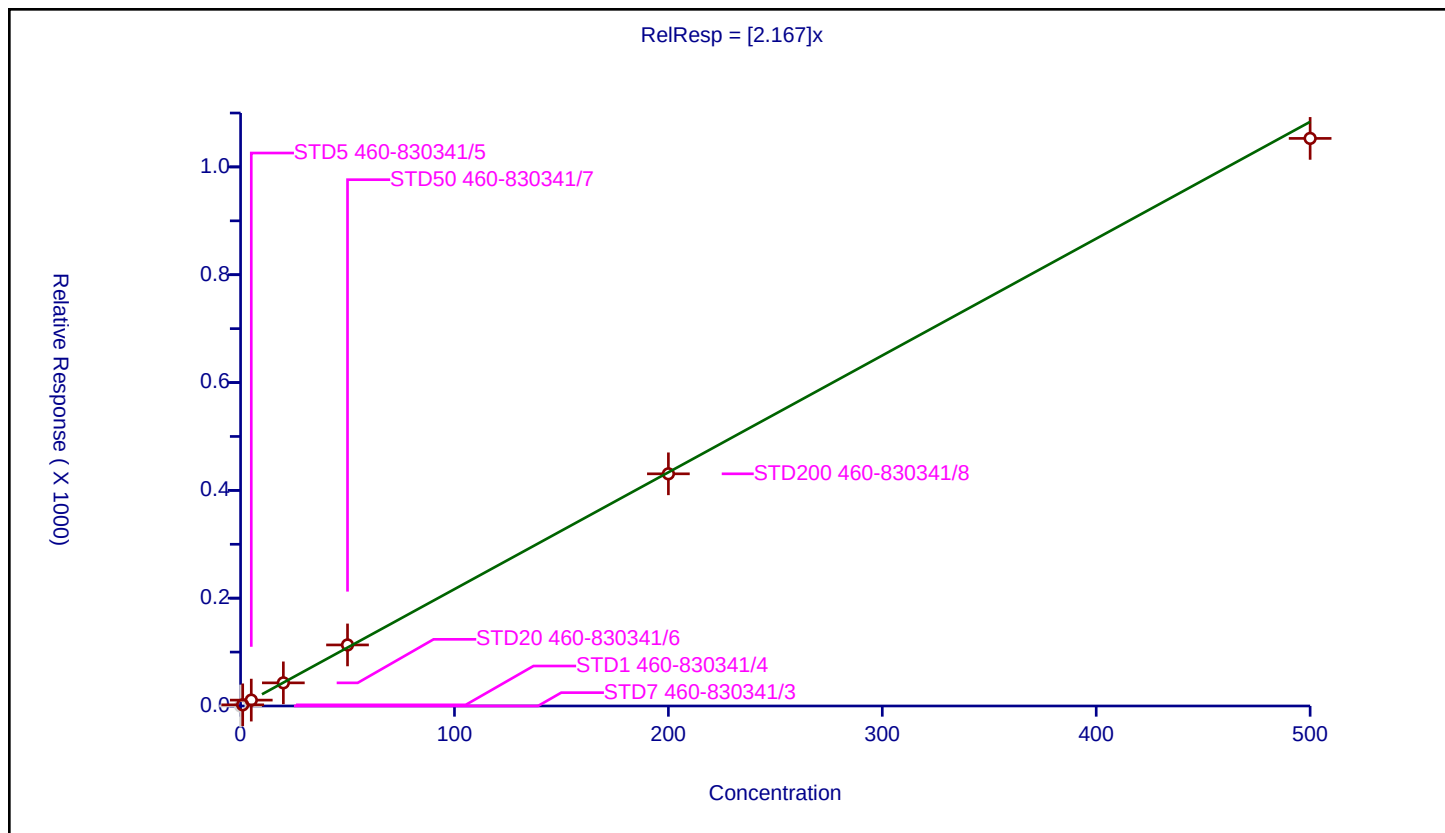
Curve Coefficients

Intercept: 0
 Slope: 2.167

Error Coefficients

Standard Error: 1900000
 Relative Standard Error: 2.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	2.151758	50.0	167003.0	2.151758	Y
3	STD5 460-830341/5	5.0	10.91198	50.0	162986.0	2.182396	Y
4	STD20 460-830341/6	20.0	42.921515	50.0	181091.0	2.146076	Y
5	STD50 460-830341/7	50.0	113.237994	50.0	187925.0	2.26476	Y
6	STD200 460-830341/8	200.0	430.690129	50.0	185545.0	2.153451	Y
7	STD500 460-830341/9	500.0	1052.922368	50.0	185928.0	2.105845	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

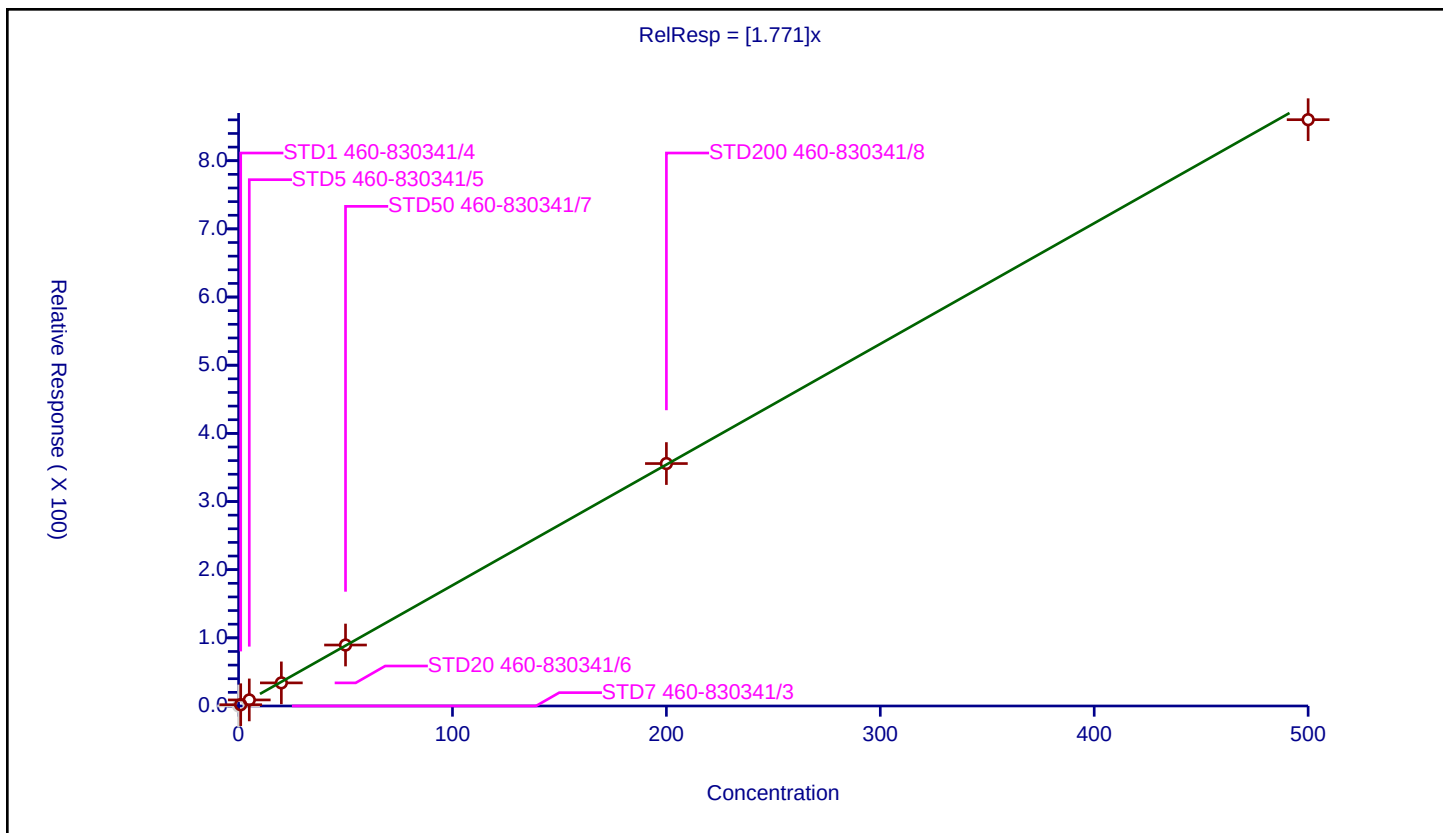
Curve Coefficients

Intercept: 0
 Slope: 1.771

Error Coefficients

Standard Error: 1560000
 Relative Standard Error: 3.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	1.861044	50.0	167003.0	1.861044	Y
3	STD5 460-830341/5	5.0	8.9069	50.0	162986.0	1.78138	Y
4	STD20 460-830341/6	20.0	33.889039	50.0	181091.0	1.694452	Y
5	STD50 460-830341/7	50.0	89.446056	50.0	187925.0	1.788921	Y
6	STD200 460-830341/8	200.0	355.694845	50.0	185545.0	1.778474	Y
7	STD500 460-830341/9	500.0	860.211211	50.0	185928.0	1.720422	Y



Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

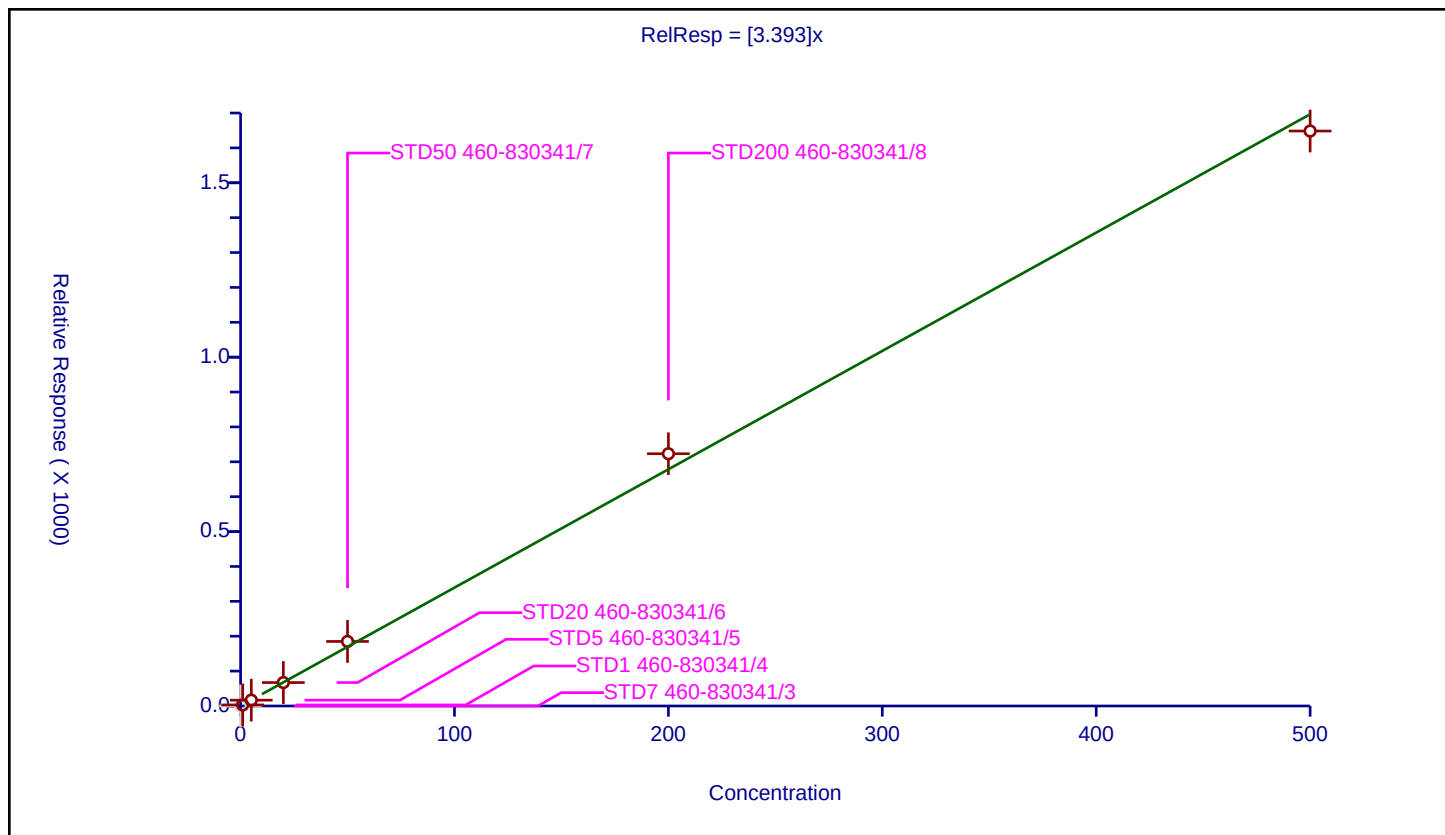
Curve Coefficients

Intercept: 0
 Slope: 3.393

Error Coefficients

Standard Error: 3010000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.051143	50.0	167003.0	3.051143	Y
3	STD5 460-830341/5	5.0	16.670757	50.0	162986.0	3.334151	Y
4	STD20 460-830341/6	20.0	67.157948	50.0	181091.0	3.357897	Y
5	STD50 460-830341/7	50.0	185.057071	50.0	187925.0	3.701141	Y
6	STD200 460-830341/8	200.0	723.161767	50.0	185545.0	3.615809	Y
7	STD500 460-830341/9	500.0	1648.293694	50.0	185928.0	3.296587	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

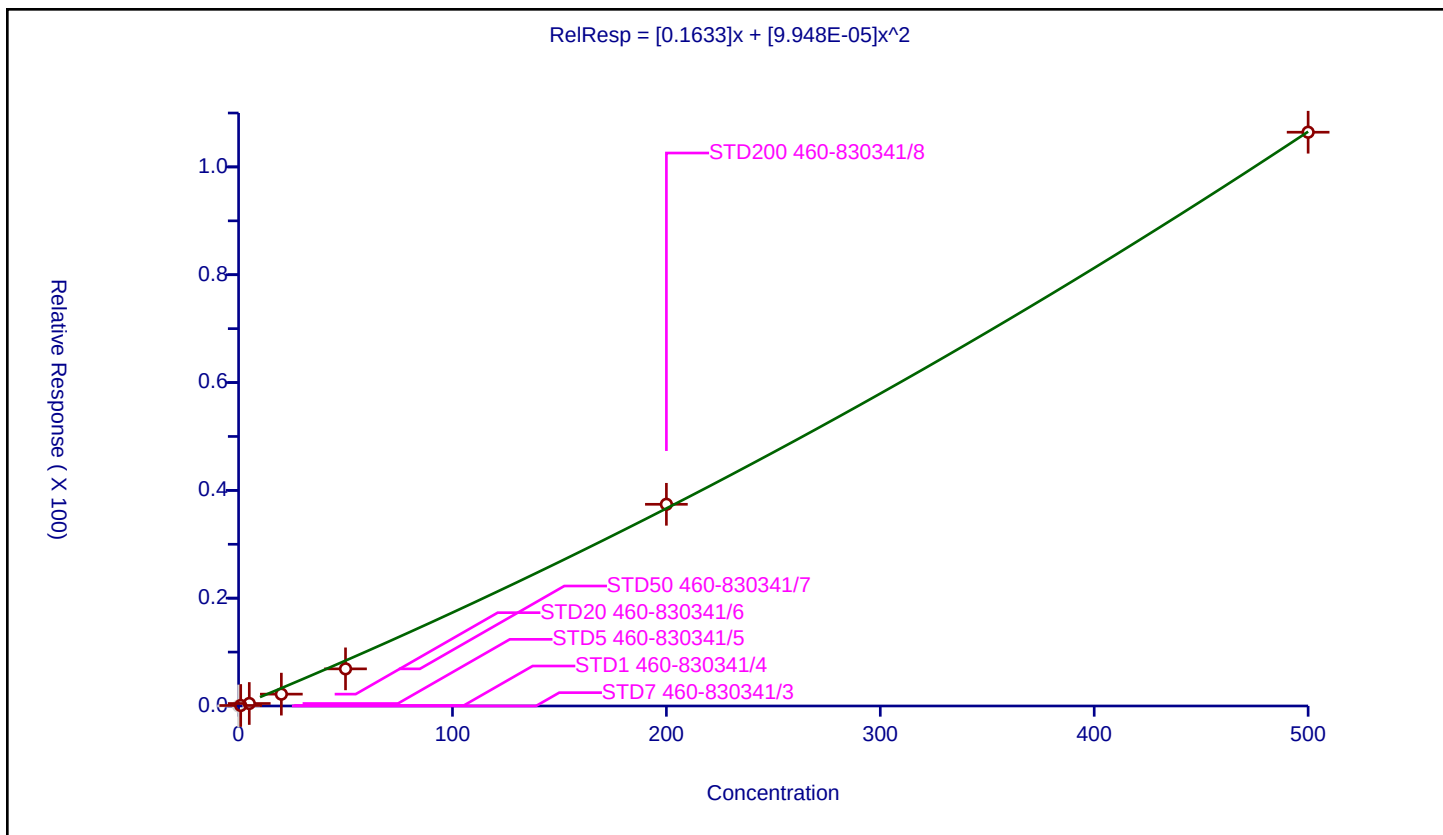
Curve Coefficients

Intercept: 0
 Slope: 0.1633
 Second Order: 9.948E-05

Error Coefficients

Standard Error: 210000
 Relative Standard Error: 36.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.092214	50.0	167003.0	0.092214	Y
3	STD5 460-830341/5	5.0	0.46231	50.0	162986.0	0.092462	Y
4	STD20 460-830341/6	20.0	2.198342	50.0	181091.0	0.109917	Y
5	STD50 460-830341/7	50.0	6.889185	50.0	187925.0	0.137784	Y
6	STD200 460-830341/8	200.0	37.413835	50.0	185545.0	0.187069	Y
7	STD500 460-830341/9	500.0	106.437976	50.0	185928.0	0.212876	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

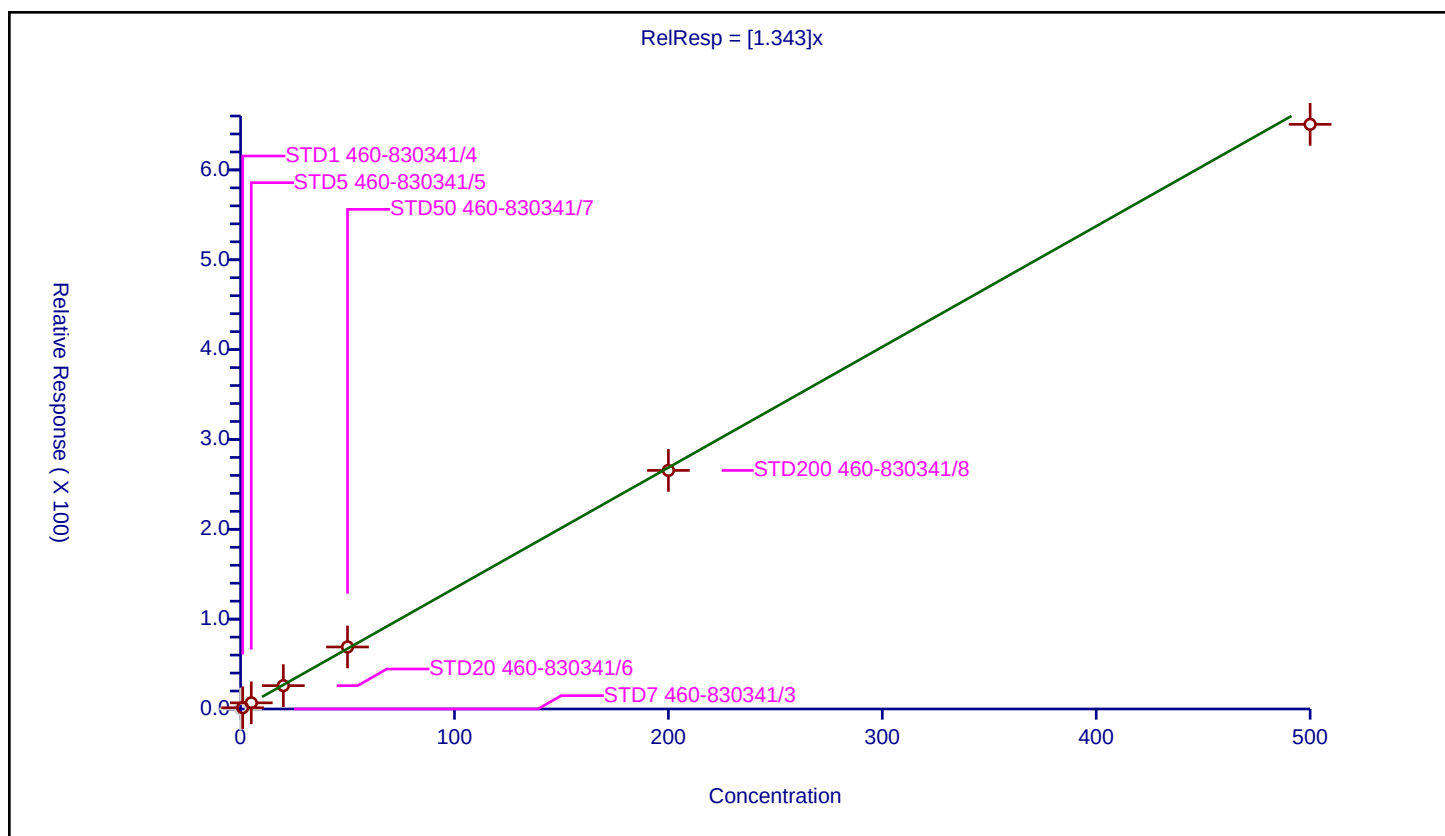
Curve Coefficients

Intercept: 0
 Slope: 1.343

Error Coefficients

Standard Error: 1170000
 Relative Standard Error: 2.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	1.384107	50.0	167003.0	1.384107	Y
3	STD5 460-830341/5	5.0	6.838317	50.0	162986.0	1.367663	Y
4	STD20 460-830341/6	20.0	25.977547	50.0	181091.0	1.298877	Y
5	STD50 460-830341/7	50.0	69.031262	50.0	187925.0	1.380625	Y
6	STD200 460-830341/8	200.0	265.529117	50.0	185545.0	1.327646	Y
7	STD500 460-830341/9	500.0	650.752711	50.0	185928.0	1.301505	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

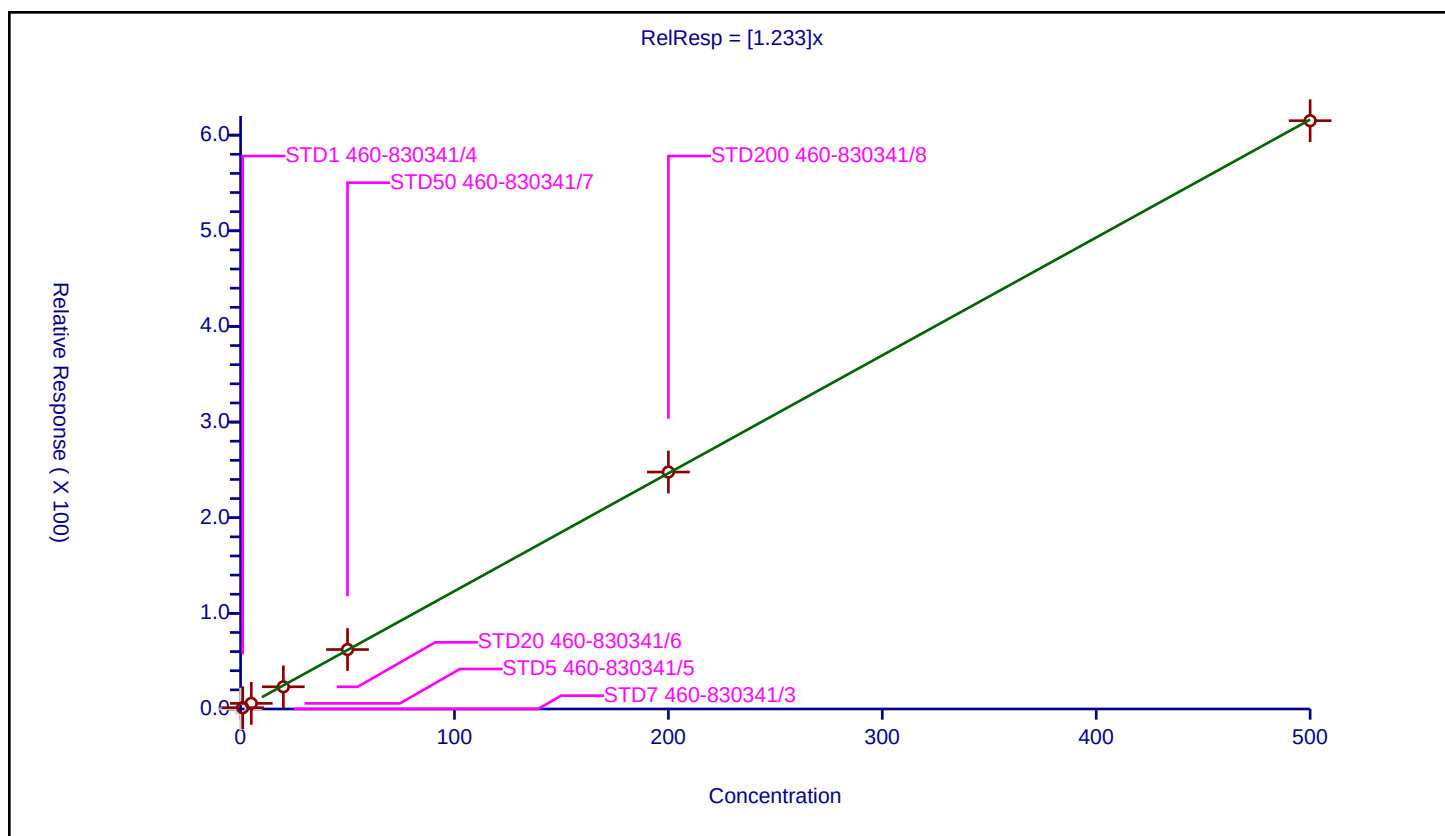
Curve Coefficients

Intercept: 0
 Slope: 1.233

Error Coefficients

Standard Error: 1110000
 Relative Standard Error: 5.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	1.349078	50.0	167003.0	1.349078	Y
3	STD5 460-830341/5	5.0	5.865841	50.0	162986.0	1.173168	Y
4	STD20 460-830341/6	20.0	23.206841	50.0	181091.0	1.160342	Y
5	STD50 460-830341/7	50.0	62.173207	50.0	187925.0	1.243464	Y
6	STD200 460-830341/8	200.0	247.7558	50.0	185545.0	1.238779	Y
7	STD500 460-830341/9	500.0	615.097511	50.0	185928.0	1.230195	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

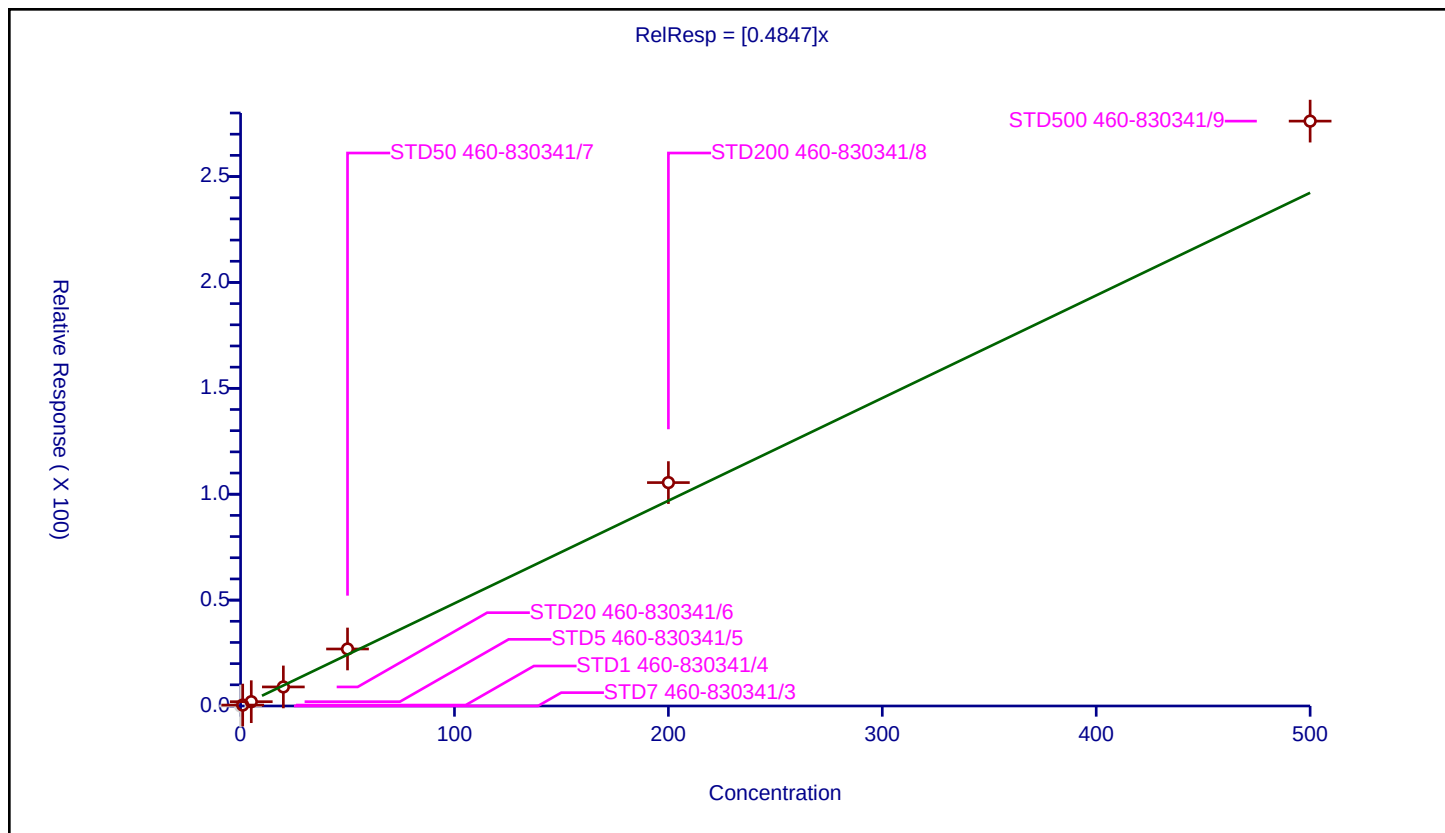
Curve Coefficients

Intercept: 0
 Slope: 0.4847

Error Coefficients

Standard Error: 494000
 Relative Standard Error: 12.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	0.433226	50.0	167003.0	0.433226	Y
3	STD5 460-830341/5	5.0	2.035758	50.0	162986.0	0.407152	Y
4	STD20 460-830341/6	20.0	8.992992	50.0	181091.0	0.44965	Y
5	STD50 460-830341/7	50.0	26.913662	50.0	187925.0	0.538273	Y
6	STD200 460-830341/8	200.0	105.490582	50.0	185545.0	0.527453	Y
7	STD500 460-830341/9	500.0	276.17169	50.0	185928.0	0.552343	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

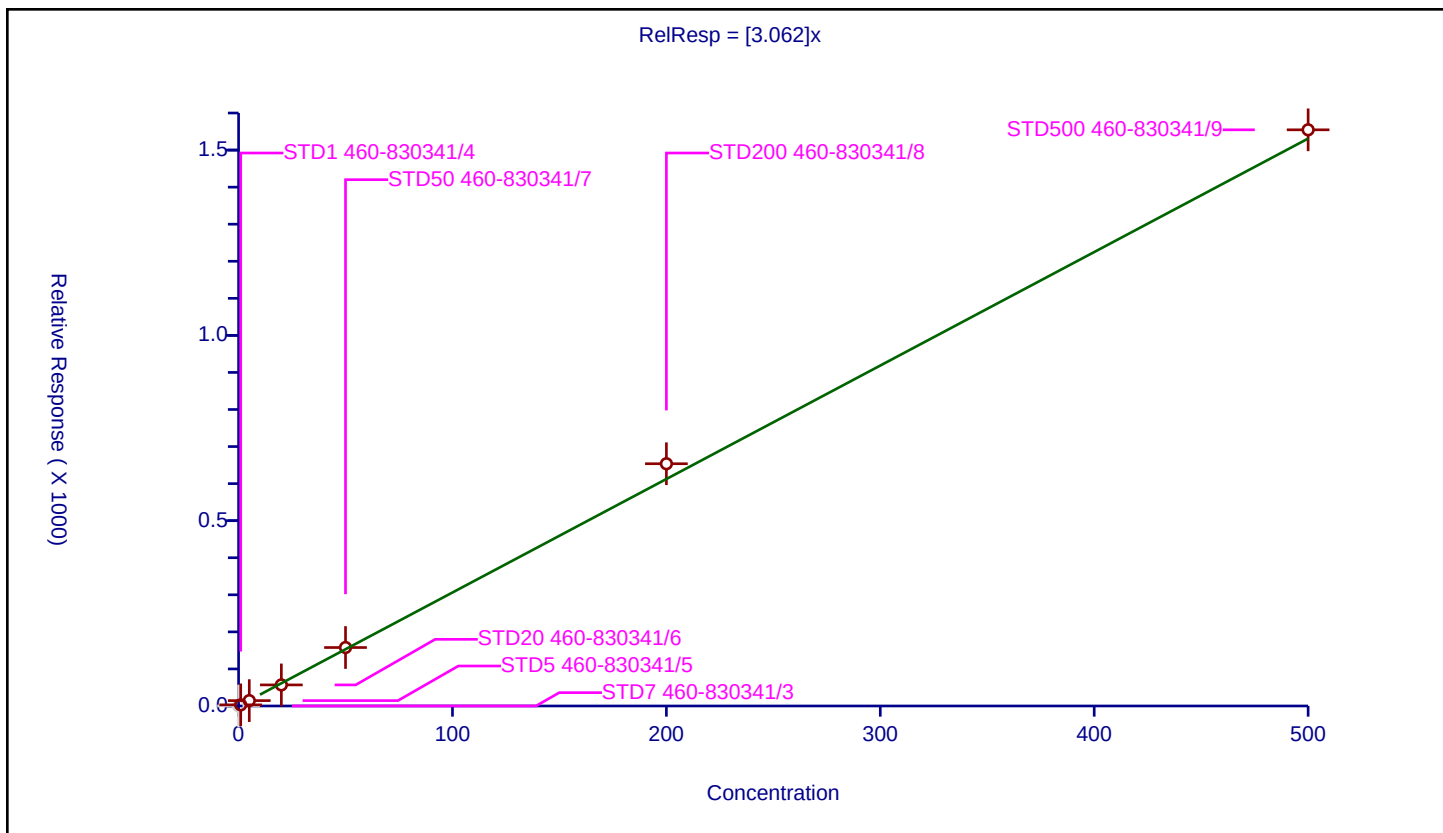
Curve Coefficients

Intercept: 0
Slope: 3.062

Error Coefficients

Standard Error: 2820000
Relative Standard Error: 5.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	3.087968	50.0	167003.0	3.087968	Y
3	STD5 460-830341/5	5.0	14.532843	50.0	162986.0	2.906569	Y
4	STD20 460-830341/6	20.0	56.905368	50.0	181091.0	2.845268	Y
5	STD50 460-830341/7	50.0	157.749102	50.0	187925.0	3.154982	Y
6	STD200 460-830341/8	200.0	653.687246	50.0	185545.0	3.268436	Y
7	STD500 460-830341/9	500.0	1554.703971	50.0	185928.0	3.109408	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

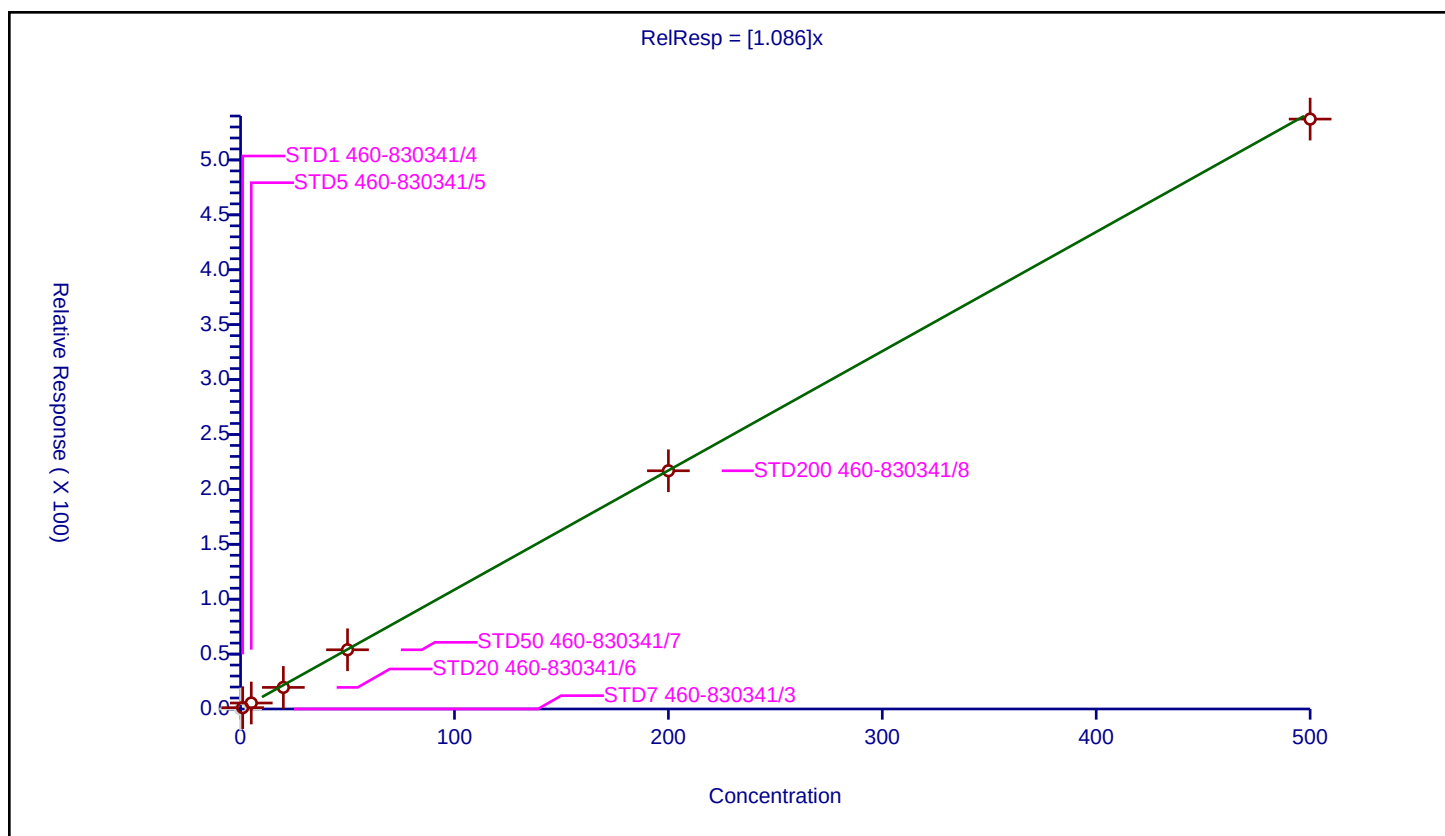
Curve Coefficients

Intercept: 0
 Slope: 1.086

Error Coefficients

Standard Error: 968000
 Relative Standard Error: 6.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-830341/3	0.0	0.0	50.0	167502.0	NaN	N
2	STD1 460-830341/4	1.0	1.206565	50.0	167003.0	1.206565	Y
3	STD5 460-830341/5	5.0	5.450161	50.0	162986.0	1.090032	Y
4	STD20 460-830341/6	20.0	19.650894	50.0	181091.0	0.982545	Y
5	STD50 460-830341/7	50.0	53.922575	50.0	187925.0	1.078452	Y
6	STD200 460-830341/8	200.0	216.941173	50.0	185545.0	1.084706	Y
7	STD500 460-830341/9	500.0	537.207145	50.0	185928.0	1.074414	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: ICV 460-820619/15 Calibration Date: 12/23/2021 20:39

Instrument ID: CVOAMS1 Calib Start Date: 12/23/2021 16:04

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/23/2021 18:22

Lab File ID: A13141.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0992	0.1132		22.8	20.0	14.1	30.0
Dichlorodifluoromethane	Ave	0.4332	0.3672	0.1000	17.0	20.0	-15.2	30.0
Chlorodifluoromethane	Ave	0.2960	0.4050		27.4	20.0	36.8*	30.0
Chloromethane	Ave	0.4483	0.4919	0.1000	21.9	20.0	9.7	30.0
Vinyl chloride	Ave	0.4613	0.4448	0.1000	19.3	20.0	-3.6	30.0
Butadiene	Ave	0.5060	0.4273		16.9	20.0	-15.6	30.0
Bromomethane	Ave	0.3546	0.3623	0.1000	20.4	20.0	2.2	30.0
Chloroethane	Ave	0.2966	0.2790	0.1000	18.8	20.0	-5.9	30.0
Dichlorofluoromethane	Ave	0.5930	0.5509		18.6	20.0	-7.1	30.0
Trichlorofluoromethane	Ave	0.5491	0.5074	0.1000	18.5	20.0	-7.6	30.0
Pentane	Ave	2.277	2.203		38.7	40.0	-3.2	30.0
Ethanol	Ave	0.0656	0.0587		716	800	-10.5	30.0
Ethyl ether	Ave	0.2201	0.2246		20.4	20.0	2.1	30.0
2-Methyl-1,3-butadiene	Ave	0.2597	0.2588		19.9	20.0	-0.3	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2512	0.2527		20.1	20.0	0.6	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4107	0.4242		20.7	20.0	3.3	30.0
Acrolein	Ave	1.172	1.178		40.2	40.1	0.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3175	0.3079	0.1000	19.4	20.0	-3.0	30.0
1,1-Dichloroethene	Ave	0.2883	0.2851	0.1000	19.8	20.0	-1.1	30.0
Acetone	Ave	0.2432	0.2429	0.0500	99.9	100	-0.1	30.0
Iodomethane	Ave	0.5184	0.5600		21.6	20.0	8.0	30.0
Isopropyl alcohol	Ave	0.7170	0.7033		196	200	-1.9	30.0
Carbon disulfide	Ave	0.9765	0.9560	0.1000	19.6	20.0	-2.1	30.0
3-Chloro-1-propene	Ave	0.1755	0.1694		19.3	20.0	-3.5	30.0
Methyl acetate	Ave	0.1947	0.1908	0.1000	39.2	40.0	-2.0	30.0
Cyclopentene	Ave	0.6708	0.6738		20.1	20.0	0.5	30.0
Acetonitrile	Ave	1.133	1.347		238	200	18.9	30.0
Methylene Chloride	Ave	0.3035	0.3229	0.1000	21.3	20.0	6.4	30.0
2-Methyl-2-propanol	Ave	1.093	1.163		213	200	6.4	30.0
Methyl tert-butyl ether	Ave	0.7776	0.8276	0.1000	21.3	20.0	6.4	30.0
trans-1,2-Dichloroethene	Ave	0.2900	0.3016	0.1000	20.8	20.0	4.0	30.0
Acrylonitrile	Ave	0.0986	0.1018		207	200	3.3	30.0
Hexane	Ave	0.2556	0.2255		17.6	20.0	-11.8	30.0
Isopropyl ether	Ave	0.8865	0.9018		20.3	20.0	1.7	30.0
1,1-Dichloroethane	Ave	0.4948	0.4947	0.2000	20.0	20.0	-0.0	30.0
Vinyl acetate	Ave	2.563	2.505		39.1	40.0	-2.3	30.0
2-Chloro-1,3-butadiene	Ave	0.2581	0.2579		20.0	20.0	-0.0	30.0
Tert-butyl ethyl ether	Ave	0.8057	0.8622		21.4	20.0	7.0	30.0
2,2-Dichloropropane	Ave	0.0955	0.1014		21.2	20.0	6.2	30.0
cis-1,2-Dichloroethene	Ave	0.3320	0.3201	0.1000	19.3	20.0	-3.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: ICV 460-820619/15 Calibration Date: 12/23/2021 20:39

Instrument ID: CVOAMS1 Calib Start Date: 12/23/2021 16:04

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/23/2021 18:22

Lab File ID: A13141.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
Ethyl acetate	Ave	0.2798	0.2899		41.4	40.0	3.6	30.0
2-Butanone (MEK)	Ave	0.3066	0.3136	0.0500	102	100	2.3	30.0
Methyl acrylate	Ave	0.2452	0.2310		18.8	20.0	-5.8	30.0
Propionitrile	Ave	1.498	1.515		202	200	1.1	30.0
Chlorobromomethane	Ave	0.1659	0.1626		19.6	20.0	-2.0	30.0
Tetrahydrofuran	QuaF		0.3819		46.1	40.0	15.3	30.0
Methacrylonitrile	Ave	0.1110	0.1173		211	200	5.7	30.0
Chloroform	Ave	0.4915	0.4962	0.2000	20.2	20.0	1.0	30.0
Cyclohexane	Ave	0.5355	0.4960	0.1000	18.5	20.0	-7.4	30.0
1,1,1-Trichloroethane	Ave	0.4655	0.4541	0.1000	19.5	20.0	-2.5	30.0
Carbon tetrachloride	Ave	0.4030	0.3814	0.1000	18.9	20.0	-5.4	30.0
1,1-Dichloropropene	Ave	0.3815	0.3681		19.3	20.0	-3.5	30.0
Isobutyl alcohol	Ave	0.4825	0.4454		462	500	-7.7	30.0
Isooctane	Ave	1.067	0.9661		18.1	20.0	-9.4	30.0
Benzene	Ave	1.458	1.482	0.5000	20.3	20.0	1.7	30.0
Isopropyl acetate	QuaF		0.1204		23.8	20.0	19.0	30.0
Tert-amyl methyl ether	Ave	0.2610	0.2719		20.8	20.0	4.2	30.0
1,2-Dichloroethane	Ave	0.3638	0.3668	0.1000	20.2	20.0	0.8	30.0
n-Heptane	Ave	0.2528	0.2232		17.7	20.0	-11.7	30.0
n-Butanol	Ave	0.2970	0.2992		504	500	0.7	30.0
Trichloroethene	Ave	0.2894	0.2772	0.2000	19.2	20.0	-4.2	30.0
Ethyl acrylate	Lin2		0.0289		19.7	20.0	-1.5	30.0
Methylcyclohexane	Ave	0.5571	0.5187	0.1000	18.6	20.0	-6.9	30.0
1,2-Dichloropropane	Ave	0.2672	0.2668	0.1000	20.0	20.0	-0.1	30.0
Methyl methacrylate	Ave	0.1681	0.1784		42.5	40.0	6.1	30.0
n-Propyl acetate	Ave	0.3618	0.3527		19.5	20.0	-2.5	30.0
1,4-Dioxane	Ave	1.115	1.153		414	400	3.4	30.0
Dibromomethane	Ave	0.1793	0.1773		19.8	20.0	-1.1	30.0
Bromodichloromethane	Ave	0.3374	0.3333	0.2000	19.8	20.0	-1.2	30.0
2-Chloroethyl vinyl ether	Ave	0.1621	0.1668		20.6	20.0	2.9	30.0
2-Nitropropane	Ave	0.0783	0.0638		32.6	40.0	-18.5	30.0
Epichlorohydrin	Ave	0.2308	0.2739		23.7	20.0	18.7	30.0
cis-1,3-Dichloropropene	Ave	0.5682	0.5467	0.2000	19.2	20.0	-3.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.298	2.504	0.0500	109	100	9.0	30.0
Toluene	Ave	1.516	1.551	0.4000	20.5	20.0	2.3	30.0
Ethyl methacrylate	Ave	0.3349	0.3281		19.6	20.0	-2.0	30.0
trans-1,3-Dichloropropene	Ave	0.5229	0.5243	0.1000	20.1	20.0	0.3	30.0
1,1,2-Trichloroethane	Ave	0.2639	0.2702	0.1000	20.5	20.0	2.4	30.0
Tetrachloroethene	Ave	0.4075	0.4102	0.2000	20.1	20.0	0.6	30.0
1,3-Dichloropropane	Ave	0.5168	0.5091		19.7	20.0	-1.5	30.0
2-Hexanone	Ave	0.7868	0.8453	0.0500	107	100	7.4	30.0
n-Butyl acetate	Ave	0.0959	0.0960		20.0	20.0	0.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: ICV 460-820619/15 Calibration Date: 12/23/2021 20:39

Instrument ID: CVOAMS1 Calib Start Date: 12/23/2021 16:04

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/23/2021 18:22

Lab File ID: A13141.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
Chlorodibromomethane	Ave	0.3433	0.3299	0.1000	19.2	20.0	-3.9	30.0
Ethylene Dibromide	Ave	0.3239	0.3369	0.1000	20.8	20.0	4.0	30.0
Chlorobenzene	Ave	0.9754	1.018	0.5000	20.9	20.0	4.4	30.0
Ethylbenzene	Ave	0.5721	0.5567	0.1000	19.5	20.0	-2.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4023	0.3953		19.7	20.0	-1.7	30.0
m-Xylene & p-Xylene	Ave	0.6886	0.6974	0.1000	20.3	20.0	1.3	30.0
n-Butyl acrylate	Ave	0.2518	0.2618		20.8	20.0	4.0	30.0
o-Xylene	Ave	0.7044	0.7194	0.3000	20.4	20.0	2.1	30.0
Styrene	Ave	1.095	1.110	0.3000	20.3	20.0	1.3	30.0
Amyl acetate (mixed isomers)	Ave	1.075	1.058		19.7	20.0	-1.6	30.0
Bromoform	Ave	0.2359	0.2186	0.1000	18.5	20.0	-7.3	30.0
Isopropylbenzene	Ave	1.753	1.871	0.1000	21.4	20.0	6.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7303	0.7831	0.3000	21.4	20.0	7.2	30.0
Bromobenzene	Ave	0.7788	0.8070		20.7	20.0	3.6	30.0
N-Propylbenzene	Ave	3.355	3.625		21.6	20.0	8.0	30.0
trans-1,4-Dichloro-2-butene	QuaF		0.1481		17.8	20.0	-10.9	30.0
1,2,3-Trichloropropane	Ave	0.2266	0.2366		20.9	20.0	4.4	30.0
4-Ethyltoluene	Ave	2.843	3.008		21.2	20.0	5.8	30.0
2-Chlorotoluene	Ave	2.597	2.739		21.1	20.0	5.5	30.0
1,3,5-Trimethylbenzene	Ave	2.577	2.795		21.7	20.0	8.4	30.0
Butyl Methacrylate	Ave	0.8905	0.9099		20.4	20.0	2.2	30.0
4-Chlorotoluene	Ave	2.034	2.120		20.8	20.0	4.2	30.0
tert-Butylbenzene	Ave	2.184	2.279		20.9	20.0	4.3	30.0
1,2,4-Trimethylbenzene	Ave	2.569	2.794		21.7	20.0	8.7	30.0
sec-Butylbenzene	Ave	0.8345	0.7803		18.7	20.0	-6.5	30.0
4-Isopropyltoluene	Ave	2.987	3.100		20.8	20.0	3.8	30.0
1,3-Dichlorobenzene	Ave	1.490	1.562	0.6000	21.0	20.0	4.8	30.0
1,2,3-Trimethylbenzene	Ave	2.812	3.047		21.7	20.0	8.4	30.0
1,4-Dichlorobenzene	Ave	1.548	1.594	0.5000	20.6	20.0	2.9	30.0
Benzyl chloride	Ave	1.349	1.461		21.7	20.0	8.3	30.0
Indan	Ave	2.886	3.214		22.3	20.0	11.4	30.0
p-Diethylbenzene	Ave	1.735	2.069		23.8	20.0	19.2	30.0
n-Butylbenzene	Ave	1.573	1.551		19.7	20.0	-1.4	30.0
1,2-Dichlorobenzene	Ave	1.484	1.571	0.4000	21.2	20.0	5.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.852	3.093		21.7	20.0	8.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1845	0.1759	0.0500	19.1	20.0	-4.7	30.0
1,3,5-Trichlorobenzene	Ave	1.319	1.466		22.2	20.0	11.2	30.0
1,2,4-Trichlorobenzene	Ave	1.206	1.359	0.2000	22.5	20.0	12.6	30.0
Hexachlorobutadiene	Ave	0.6173	0.6501		21.1	20.0	5.3	30.0
Naphthalene	Ave	2.599	2.922		22.5	20.0	12.4	30.0
1,2,3-Trichlorobenzene	Ave	1.083	1.196		22.1	20.0	10.4	30.0
Dibromofluoromethane (Surr)	Ave	0.2822	0.2752		48.8	50.0	-2.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Lab Sample ID: ICV 460-820619/15 Calibration Date: 12/23/2021 20:39
Instrument ID: CVOAMS1 Calib Start Date: 12/23/2021 16:04
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/23/2021 18:22
Lab File ID: A13141.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	0.3328	0.3028		45.5	50.0	-9.0	30.0
Toluene-d8 (Surr)	Ave	1.378	1.362		49.4	50.0	-1.2	30.0
4-Bromofluorobenzene	Ave	0.4621	0.4617		50.0	50.0	-0.0	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13141.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 23-Dec-2021 20:39:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0139544-015
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Dec-2021 09:27:36 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1623

First Level Reviewer: baronm

Date: 23-Dec-2021 21:03:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.672	1.666	0.006	83	22025	20.0	22.8	Ma
4 Dichlorodifluoromethane	85	1.709	1.715	-0.006	0	71421	20.0	17.0	
165 Chlorodifluoromethane	51	1.727	1.733	-0.006	0	78777	20.0	27.4	
6 Chloromethane	50	1.922	1.928	-0.006	0	95673	20.0	21.9	
7 Vinyl chloride	62	2.038	2.038	0.000	0	86512	20.0	19.3	
172 Butadiene	39	2.044	2.044	0.000	0	83101	20.0	16.9	
9 Bromomethane	94	2.404	2.404	0.000	0	70468	20.0	20.4	
10 Chloroethane	64	2.483	2.483	0.000	0	54268	20.0	18.8	
174 Dichlorofluoromethane	67	2.714	2.714	0.000	0	107160	20.0	18.6	
12 Trichlorofluoromethane	101	2.727	2.721	0.006	0	98686	20.0	18.5	
13 Pentane	72	2.739	2.733	0.006	0	21759	40.0	38.7	
14 Ethanol	46	2.940	2.952	-0.012	70	11590	800.0	715.7	a
15 Ethyl ether	59	2.971	2.971	-0.001	0	43688	20.0	20.4	
16 2-Methyl-1,3-butadiene	53	2.995	2.995	0.000	0	50334	20.0	19.9	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.044	3.044	0.000	86	49144	20.0	20.1	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.105	3.111	-0.006	93	82507	20.0	20.7	a
19 Acrolein	56	3.178	3.178	0.000	0	11647	40.1	40.2	
20 1,1,2,2-Tetrafluoroethane	101	3.190	3.190	0.000	0	59889	20.0	19.4	
21 1,1-Dichloroethene	96	3.208	3.208	0.000	0	55456	20.0	19.8	
22 Acetone	58	3.306	3.306	0.000	0	24055	100.0	99.9	
23 Iodomethane	142	3.379	3.379	0.000	0	108917	20.0	21.6	
24 Isopropyl alcohol	45	3.403	3.403	0.000	0	34733	200.0	196.2	
25 Carbon disulfide	76	3.416	3.409	0.007	0	185947	20.0	19.6	
161 3-Chloro-1-propene	76	3.562	3.556	0.006	0	32947	20.0	19.3	
27 Methyl acetate	43	3.568	3.568	0.000	0	74230	40.0	39.2	
166 Cyclopentene	67	3.574	3.574	0.000	0	131055	20.0	20.1	
29 Acetonitrile	41	3.629	3.629	0.000	0	66530	200.0	237.9	
* 30 TBA-d9 (IS)	65	3.678	3.684	-0.006	0	246944	1000.0	1000.0	
31 Methylene Chloride	84	3.690	3.690	0.000	0	62814	20.0	21.3	
32 2-Methyl-2-propanol	59	3.751	3.751	0.000	0	57441	200.0	212.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.861	3.861	0.000	0	160972	20.0	21.3	
34 trans-1,2-Dichloroethene	96	3.879	3.879	0.000	0	58671	20.0	20.8	
35 Acrylonitrile	53	3.952	3.952	0.000	0	197988	200.0	206.5	
36 Hexane	43	4.025	4.031	-0.006	0	43859	20.0	17.6	
37 Isopropyl ether	45	4.232	4.232	0.000	0	175397	20.0	20.3	
38 1,1-Dichloroethane	63	4.263	4.263	0.000	0	96219	20.0	20.0	
39 Vinyl acetate	86	4.275	4.269	0.006	0	24742	40.0	39.1	
40 2-Chloro-1,3-butadiene	88	4.306	4.306	0.000	0	50171	20.0	20.0	
41 Tert-butyl ethyl ether	59	4.519	4.519	0.000	0	167700	20.0	21.4	
* 42 2-Butanone-d5	46	4.690	4.696	-0.006	0	247549	250.0	250.0	
43 2,2-Dichloropropane	97	4.720	4.720	0.000	0	19726	20.0	21.2	
44 cis-1,2-Dichloroethene	96	4.732	4.732	0.000	0	62258	20.0	19.3	
46 Ethyl acetate	70	4.732	4.738	-0.006	0	11482	40.0	41.4	
45 2-Butanone (MEK)	72	4.738	4.738	0.000	0	31048	100.0	102.3	
47 Methyl acrylate	55	4.787	4.787	0.000	0	44925	20.0	18.8	
48 Propionitrile	54	4.860	4.854	0.006	0	74842	200.0	202.3	
49 Tetrahydrofuran	72	4.921	4.921	0.000	0	15125	40.0	46.1	
50 Chlorobromomethane	128	4.921	4.927	-0.006	0	31627	20.0	19.6	
51 Methacrylonitrile	67	4.946	4.946	0.000	0	228074	200.0	211.3	
52 Chloroform	83	4.964	4.964	0.000	0	96521	20.0	20.2	
53 Cyclohexane	56	5.086	5.086	0.000	0	96482	20.0	18.5	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.092	0.000	0	133833	50.0	48.8	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	0	88324	20.0	19.5	
56 Carbon tetrachloride	117	5.190	5.190	0.000	0	74180	20.0	18.9	
57 1,1-Dichloropropene	75	5.208	5.208	0.000	0	71592	20.0	19.3	
58 Isobutyl alcohol	43	5.275	5.275	0.000	0	54990	500.0	461.6	
59 Isooctane	57	5.336	5.342	-0.006	0	187908	20.0	18.1	
60 Benzene	78	5.372	5.372	0.000	0	210580	20.0	20.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.379	0.000	0	147236	50.0	45.5	
62 Isopropyl acetate	61	5.385	5.385	0.000	0	23422	20.0	23.8	
63 Tert-amyl methyl ether	87	5.403	5.403	0.000	0	52878	20.0	20.8	
64 1,2-Dichloroethane	62	5.440	5.440	0.000	0	71339	20.0	20.2	
65 n-Heptane	71	5.470	5.470	0.000	0	43422	20.0	17.7	
* 66 Fluorobenzene	96	5.592	5.592	0.000	0	486253	50.0	50.0	
67 n-Butanol	56	5.793	5.799	-0.006	0	36939	500.0	503.6	
68 Trichloroethene	95	5.885	5.885	0.000	0	53917	20.0	19.2	
69 Ethyl acrylate	99	5.958	5.958	0.000	0	5616	20.0	19.7	
70 Methylcyclohexane	83	6.000	6.000	0.000	0	100890	20.0	18.6	
71 1,2-Dichloropropane	63	6.135	6.135	0.000	0	51898	20.0	20.0	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	0	28073	1000.0	1000.0	
72 Methyl methacrylate	69	6.171	6.171	0.000	0	69397	40.0	42.5	
74 n-Propyl acetate	43	6.208	6.208	0.000	0	68608	20.0	19.5	
75 1,4-Dioxane	88	6.220	6.220	0.000	0	12942	400.0	413.6	
76 Dibromomethane	93	6.250	6.250	0.000	0	34484	20.0	19.8	
77 Dichlorobromomethane	83	6.372	6.372	0.000	0	64826	20.0	19.8	
78 2-Chloroethyl vinyl ether	63	6.641	6.641	0.000	0	32446	20.0	20.6	
79 2-Nitropropane	41	6.653	6.653	0.000	0	24802	40.0	32.6	
80 Epichlorohydrin	57	6.732	6.738	-0.006	0	5425	20.0	23.7	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	0	77685	20.0	19.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.890	6.890	0.000	0	247993	100.0	109.0	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	0	483880	50.0	49.4	
84 Toluene	91	7.025	7.025	0.000	0	220351	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.238	7.238	0.000	0	63810	20.0	19.6	
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	0	74507	20.0	20.1	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	0	38392	20.0	20.5	
88 Tetrachloroethene	166	7.421	7.421	0.000	0	58286	20.0	20.1	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	0	72341	20.0	19.7	
90 2-Hexanone	58	7.525	7.525	0.000	0	83699	100.0	107.4	
91 n-Butyl acetate	73	7.579	7.573	0.006	0	13647	20.0	20.0	
92 Chlorodibromomethane	129	7.653	7.653	0.000	0	46874	20.0	19.2	
93 Ethylene Dibromide	107	7.750	7.750	0.000	0	47867	20.0	20.8	
* 94 Chlorobenzene-d5	117	8.031	8.031	0.000	0	355239	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	0	144678	20.0	20.9	
96 Ethylbenzene	106	8.085	8.085	0.000	0	79111	20.0	19.5	
97 1,1,1,2-Tetrachloroethane	131	8.098	8.098	0.000	0	56172	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.159	8.159	0.000	0	99104	20.0	20.3	
99 n-Butyl acrylate	73	8.360	8.360	0.000	0	37206	20.0	20.8	
100 o-Xylene	106	8.408	8.415	-0.007	0	102224	20.0	20.4	
101 Styrene	104	8.427	8.427	0.000	0	157722	20.0	20.3	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	0	89565	20.0	19.7	
103 Bromoform	173	8.567	8.567	0.000	0	31064	20.0	18.5	
104 Isopropylbenzene	105	8.616	8.616	0.000	0	265898	20.0	21.4	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	0	164020	50.0	50.0	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.823	0.000	0	66314	20.0	21.4	
107 Bromobenzene	156	8.829	8.835	-0.006	0	68336	20.0	20.7	
108 N-Propylbenzene	91	8.847	8.847	0.000	0	306932	20.0	21.6	
109 trans-1,4-Dichloro-2-butene	53	8.854	8.860	-0.006	0	12544	20.0	17.8	
110 1,2,3-Trichloropropane	110	8.860	8.866	-0.006	0	20035	20.0	20.9	
169 4-Ethyltoluene	105	8.908	8.908	0.000	0	254675	20.0	21.2	
112 2-Chlorotoluene	91	8.921	8.927	-0.006	0	231899	20.0	21.1	
113 1,3,5-Trimethylbenzene	105	8.939	8.945	-0.006	0	236653	20.0	21.7	
114 Butyl Methacrylate	87	8.963	8.969	-0.006	0	77048	20.0	20.4	
115 4-Chlorotoluene	91	8.982	8.988	-0.006	0	179511	20.0	20.8	
116 tert-Butylbenzene	119	9.122	9.122	0.000	0	192950	20.0	20.9	
117 1,2,4-Trimethylbenzene	105	9.152	9.158	-0.006	0	236582	20.0	21.7	
118 sec-Butylbenzene	134	9.250	9.250	0.000	0	66078	20.0	18.7	
119 4-Isopropyltoluene	119	9.323	9.323	0.000	0	262474	20.0	20.8	
120 1,3-Dichlorobenzene	146	9.353	9.353	0.000	0	132284	20.0	21.0	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.396	0.000	94	211694	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.408	9.414	-0.006	0	134982	20.0	20.6	
123 1,2,3-Trimethylbenzene	105	9.408	9.414	-0.006	0	258001	20.0	21.7	
124 Benzyl chloride	91	9.494	9.494	0.000	0	123734	20.0	21.7	
162 2,3-Dihydroindene	117	9.542	9.549	-0.006	0	272183	20.0	22.3	
164 p-Diethylbenzene	119	9.548	9.555	-0.007	0	175209	20.0	23.8	
127 n-Butylbenzene	92	9.567	9.573	-0.006	0	131345	20.0	19.7	
128 1,2-Dichlorobenzene	146	9.646	9.652	-0.006	0	133063	20.0	21.2	
163 1,2,4,5-Tetramethylbenzene	119	10.067	10.073	-0.006	0	261878	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	157	10.183	10.183	0.000	0	14896	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	10.286	10.286	0.000	0	124141	20.0	22.2	
132 1,2,4-Trichlorobenzene	180	10.804	10.810	-0.006	0	115075	20.0	22.5	
133 Hexachlorobutadiene	225	10.878	10.884	-0.006	0	55052	20.0	21.1	
134 Naphthalene	128	11.054	11.060	-0.006	0	247430	20.0	22.5	
135 1,2,3-Trichlorobenzene	180	11.280	11.286	-0.006	0	101314	20.0	22.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		40.0	40.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00441	Amount Added: 20.00	Units: uL	
8FreonsSS_00040	Amount Added: 20.00	Units: uL	
8260 SP_00148	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00132	Amount Added: 4.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13141.D

Injection Date: 23-Dec-2021 20:39:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: ICV

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

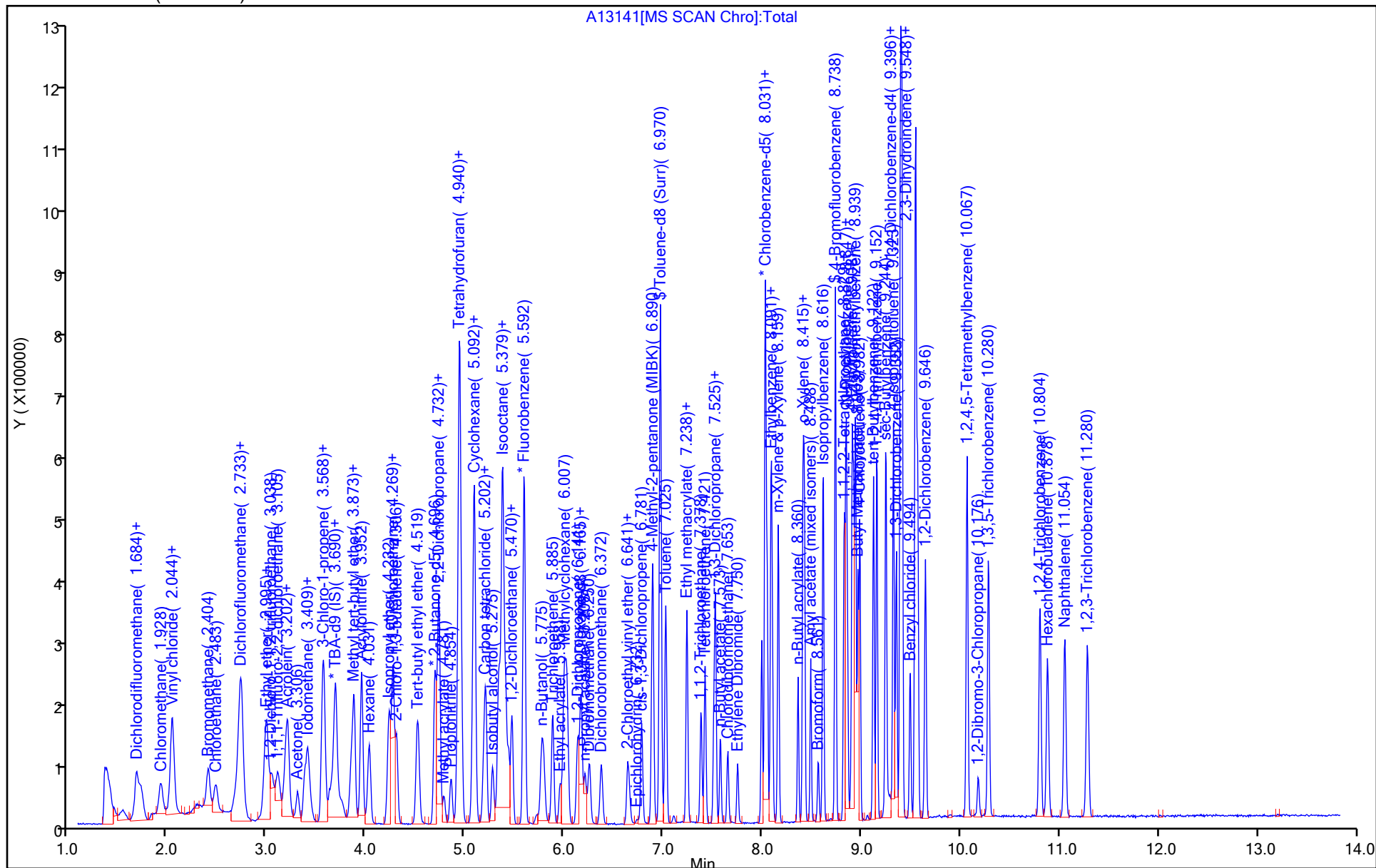
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13141.D

Injection Date: 23-Dec-2021 20:39:30

Instrument ID: CVOAMS1

Lims ID: ICV

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

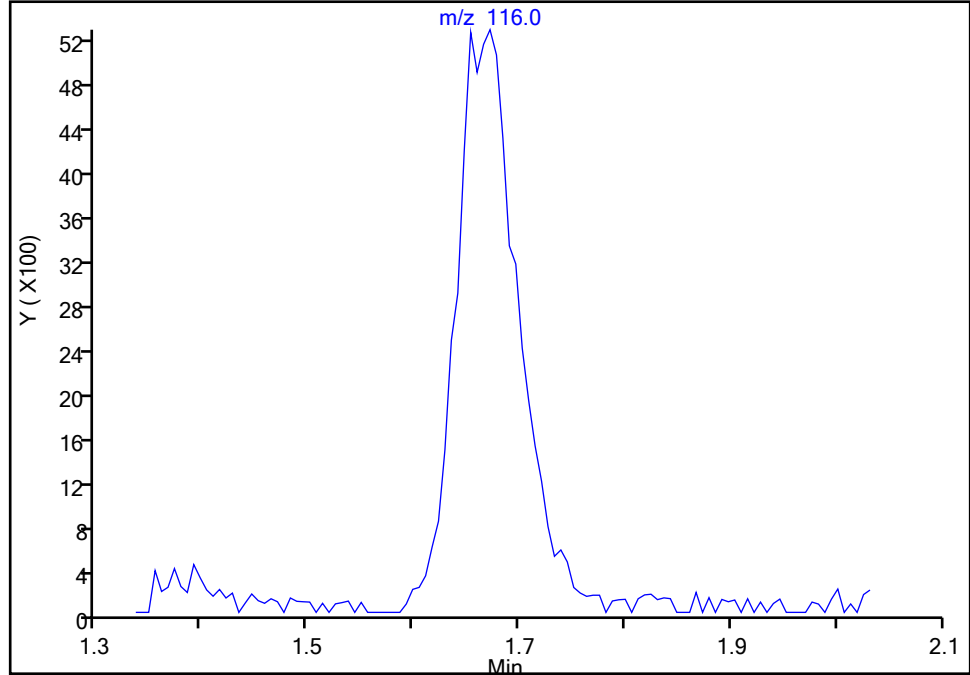
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

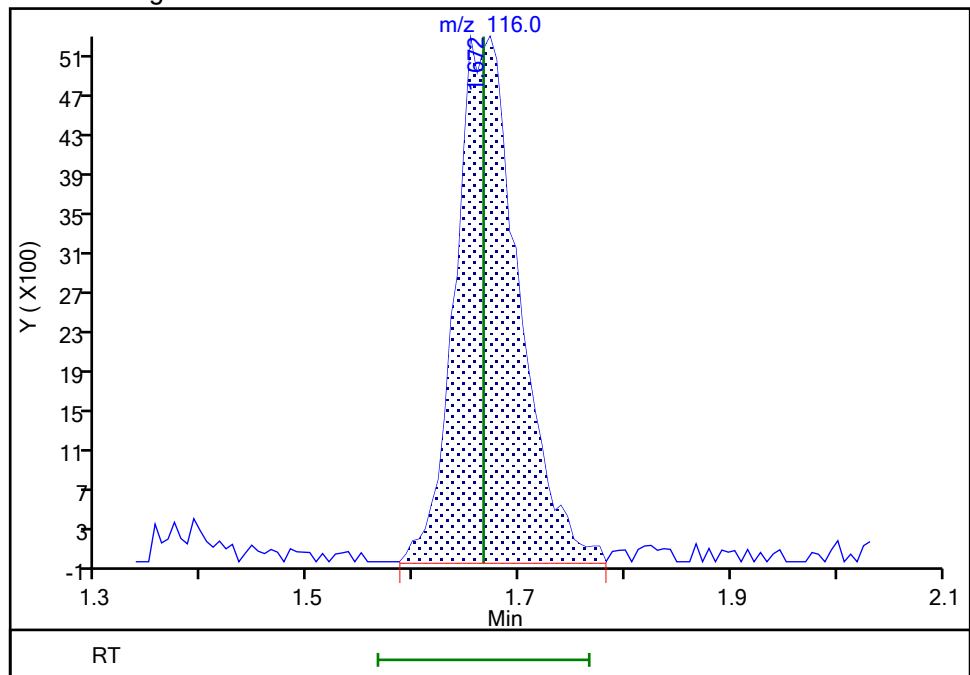
Not Detected

Expected RT: 1.67

Processing Integration Results



Manual Integration Results



RT: 1.67
Area: 22025
Amount: 22.819205
Amount Units: ug/l

Reviewer: baronm, 23-Dec-2021 21:02:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13141.D

Injection Date: 23-Dec-2021 20:39:30

Instrument ID: CVOAMS1

Lims ID: ICV

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

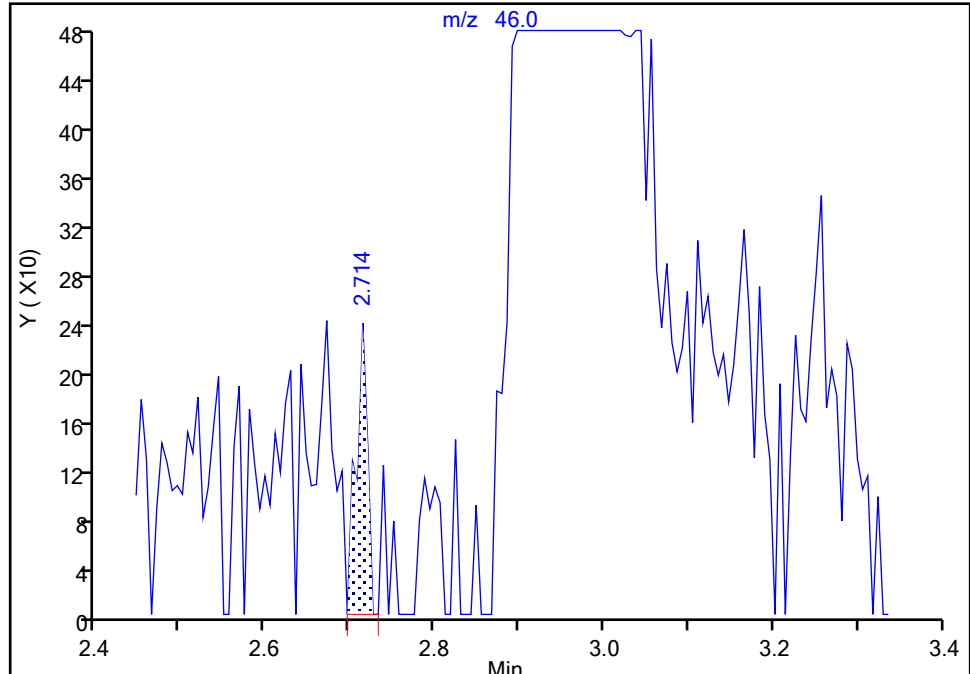
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

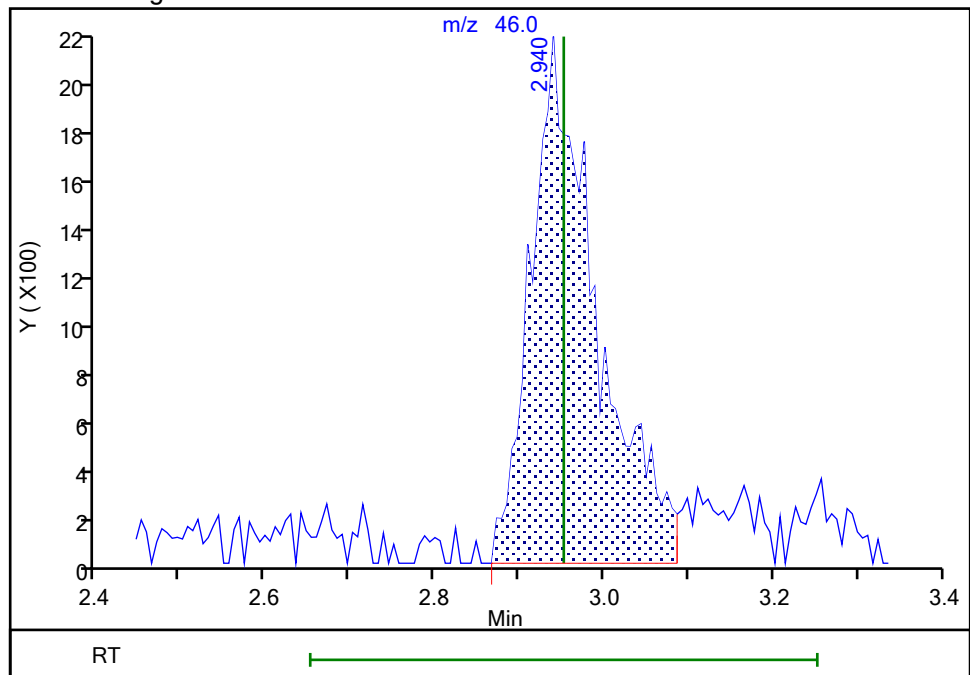
RT: 2.71
Area: 223
Amount: 13.769776
Amount Units: ug/l

Processing Integration Results



RT: 2.94
Area: 11590
Amount: 715.6579
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 21:02:20

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13141.D

Injection Date: 23-Dec-2021 20:39:30

Instrument ID: CVOAMS1

Lims ID: ICV

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

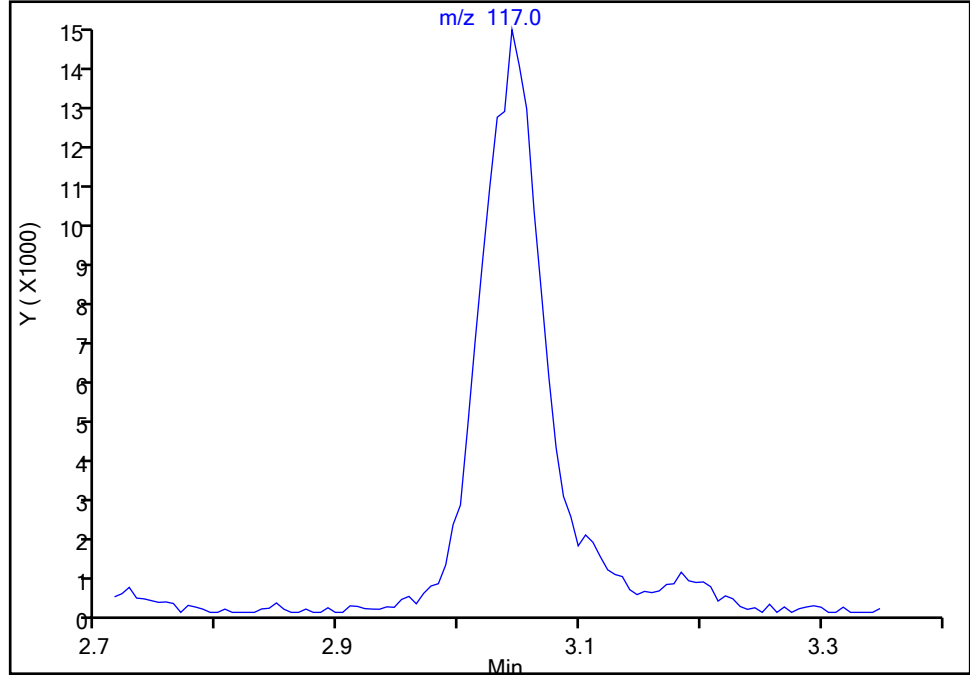
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

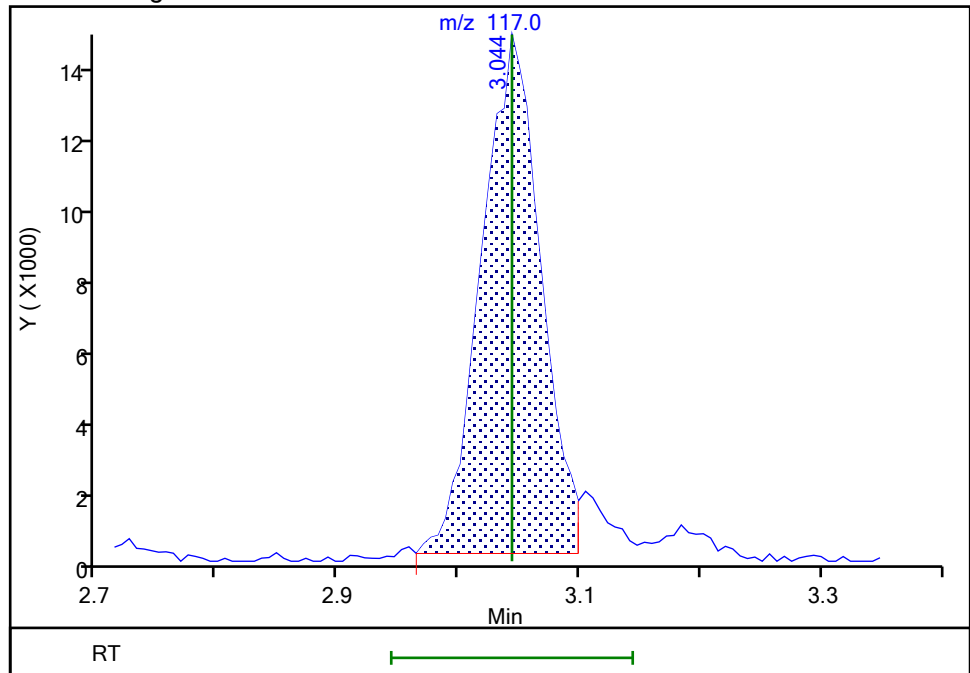
Not Detected

Expected RT: 3.04

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 23-Dec-2021 21:02:26

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13141.D

Injection Date: 23-Dec-2021 20:39:30

Instrument ID: CVOAMS1

Lims ID: ICV

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

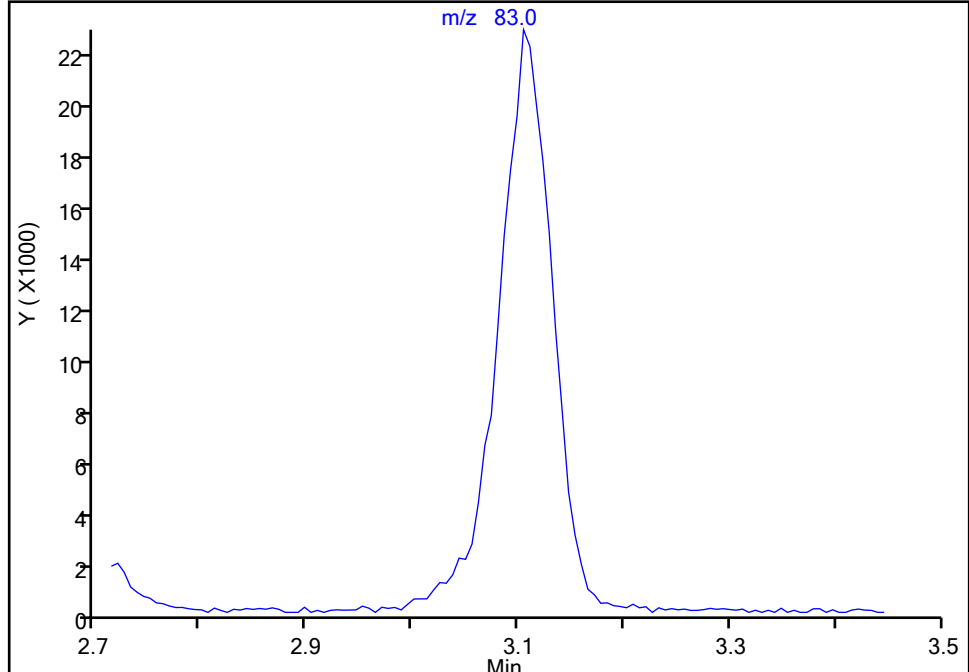
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

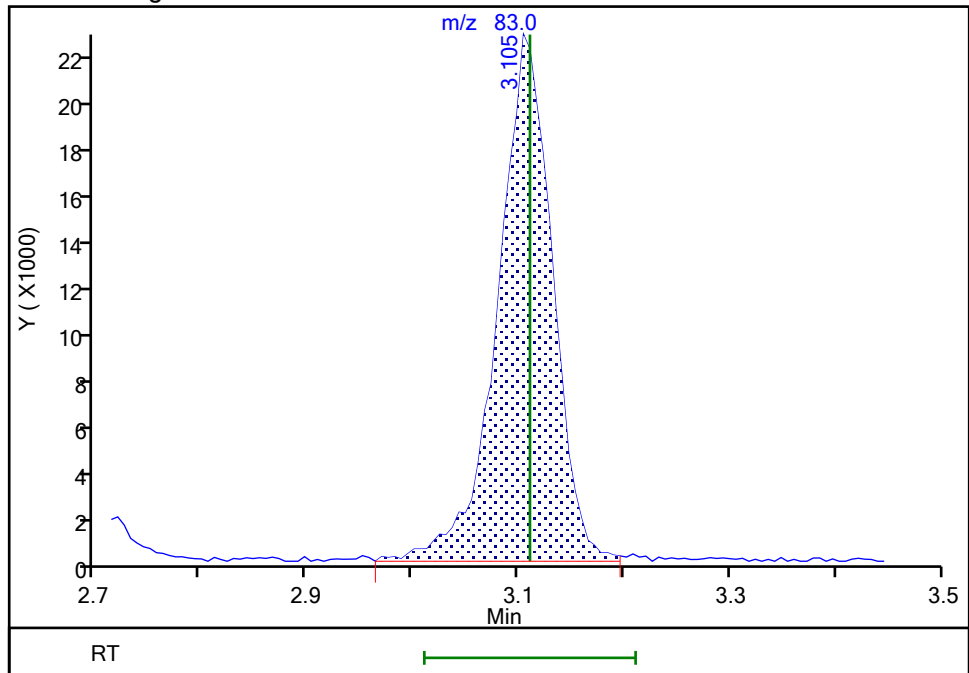
Expected RT: 3.11

Processing Integration Results



RT: 3.10
Area: 82507
Amount: 20.659036
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 23-Dec-2021 21:02:30

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: CCVIS 460-829917/2 Calibration Date: 02/23/2022 18:44

Instrument ID: CVOAMS1 Calib Start Date: 12/23/2021 16:04

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/23/2021 18:22

Lab File ID: A15484.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0992	0.0855		17.2	20.0	-13.9	20.0
Dichlorodifluoromethane	Ave	0.4332	0.3861	0.1000	17.8	20.0	-10.9	20.0
Chlorodifluoromethane	Ave	0.2960	0.3534		23.9	20.0	19.4	20.0
Chloromethane	Ave	0.4483	0.5009	0.1000	22.3	20.0	11.7	20.0
Vinyl chloride	Ave	0.4613	0.4496	0.1000	19.5	20.0	-2.5	20.0
Butadiene	Ave	0.5060	0.4999		19.8	20.0	-1.2	20.0
Bromomethane	Ave	0.3546	0.2902	0.1000	16.4	20.0	-18.2	50.0
Chloroethane	Ave	0.2966	0.2839	0.1000	19.1	20.0	-4.3	50.0
Dichlorofluoromethane	Ave	0.5930	0.6422		21.7	20.0	8.3	20.0
Trichlorofluoromethane	Ave	0.5491	0.4737	0.1000	17.3	20.0	-13.7	20.0
Pentane	Ave	2.277	1.705		30.0	40.0	-25.1*	20.0
Ethyl ether	Ave	0.2201	0.2762		25.1	20.0	25.5*	20.0
Ethanol	Ave	0.0656	0.0714		871	800	8.9	50.0
2-Methyl-1,3-butadiene	Ave	0.2597	0.2921		22.5	20.0	12.5	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2512	0.2849		22.7	20.0	13.4	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4107	0.4660		22.7	20.0	13.5	20.0
Acrolein	Ave	1.172	1.706		59.0	40.6	45.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3175	0.2671	0.1000	16.8	20.0	-15.9	20.0
1,1-Dichloroethene	Ave	0.2883	0.2895	0.1000	20.1	20.0	0.4	20.0
Acetone	Ave	0.2432	0.2181	0.0500	89.7	100	-10.3	50.0
Iodomethane	Ave	0.5184	0.5246		20.2	20.0	1.2	20.0
Isopropyl alcohol	Ave	0.7170	0.7846		219	200	9.4	50.0
Carbon disulfide	Ave	0.9765	1.107	0.1000	22.7	20.0	13.4	50.0
3-Chloro-1-propene	Ave	0.1755	0.1963		22.4	20.0	11.8	20.0
Methyl acetate	Ave	0.1947	0.2794	0.1000	57.4	40.0	43.5*	20.0
Cyclopentene	Ave	0.6708	0.7578		22.6	20.0	13.0	20.0
Acetonitrile	Ave	1.133	2.105		372	200	85.9*	20.0
Methylene Chloride	Ave	0.3035	0.3531	0.1000	23.3	20.0	16.3	20.0
2-Methyl-2-propanol	Ave	1.093	1.111		203	200	1.6	50.0
Methyl tert-butyl ether	Ave	0.7776	0.9103	0.1000	23.4	20.0	17.1	20.0
trans-1,2-Dichloroethene	Ave	0.2900	0.3283	0.1000	22.6	20.0	13.2	20.0
Acrylonitrile	Ave	0.0986	0.1403		285	200	42.4*	20.0
Hexane	Ave	0.2556	0.2951		23.1	20.0	15.4	20.0
Isopropyl ether	Ave	0.8865	1.204		27.2	20.0	35.8*	20.0
1,1-Dichloroethane	Ave	0.4948	0.6057	0.2000	24.5	20.0	22.4*	20.0
Vinyl acetate	Ave	2.563	2.189		34.2	40.0	-14.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2581	0.2691		20.8	20.0	4.2	20.0
Tert-butyl ethyl ether	Ave	0.8057	1.003		24.9	20.0	24.5*	20.0
2,2-Dichloropropane	Ave	0.0955	0.1011		21.2	20.0	5.8	20.0
cis-1,2-Dichloroethene	Ave	0.3320	0.3466	0.1000	20.9	20.0	4.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: CCVIS 460-829917/2 Calibration Date: 02/23/2022 18:44

Instrument ID: CVOAMS1 Calib Start Date: 12/23/2021 16:04

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/23/2021 18:22

Lab File ID: A15484.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
Ethyl acetate	Ave	0.2798	0.2337		33.4	40.0	-16.5	20.0
2-Butanone (MEK)	Ave	0.3066	0.2538	0.0500	82.8	100	-17.2	50.0
Methyl acrylate	Ave	0.2452	0.2895		23.6	20.0	18.0	20.0
Propionitrile	Ave	1.498	1.843		246	200	23.0*	20.0
Tetrahydrofuran	QuaF		0.2887		34.9	40.0	-12.8	20.0
Chlorobromomethane	Ave	0.1659	0.1644		19.8	20.0	-0.9	20.0
Methacrylonitrile	Ave	0.1110	0.1378		248	200	24.2*	20.0
Chloroform	Ave	0.4915	0.5446	0.2000	22.2	20.0	10.8	20.0
Cyclohexane	Ave	0.5355	0.5710	0.1000	21.3	20.0	6.6	50.0
1,1,1-Trichloroethane	Ave	0.4655	0.4873	0.1000	20.9	20.0	4.7	20.0
Carbon tetrachloride	Ave	0.4030	0.3665	0.1000	18.2	20.0	-9.1	20.0
1,1-Dichloropropene	Ave	0.3815	0.4122		21.6	20.0	8.1	20.0
Isobutyl alcohol	Ave	0.4825	0.5110		530	500	5.9	50.0
Isooctane	Ave	1.067	0.7459		14.0	20.0	-30.1*	20.0
Benzene	Ave	1.458	1.697	0.5000	23.3	20.0	16.5	20.0
Isopropyl acetate	QuaF		0.1490		29.4	20.0	47.1*	20.0
Tert-amyl methyl ether	Ave	0.2610	0.2757		21.1	20.0	5.7	20.0
1,2-Dichloroethane	Ave	0.3638	0.4218	0.1000	23.2	20.0	15.9	20.0
n-Heptane	Ave	0.2528	0.2424		19.2	20.0	-4.1	20.0
n-Butanol	Ave	0.2970	0.2953		497	500	-0.6	50.0
Trichloroethene	Ave	0.2894	0.3009	0.2000	20.8	20.0	4.0	20.0
Ethyl acrylate	Lin2		0.0312		21.3	20.0	6.6	20.0
Methylcyclohexane	Ave	0.5571	0.4716	0.1000	16.9	20.0	-15.3	50.0
1,2-Dichloropropane	Ave	0.2672	0.3149	0.1000	23.6	20.0	17.9	20.0
Methyl methacrylate	Ave	0.1681	0.1992		47.4	40.0	18.5	20.0
n-Propyl acetate	Ave	0.3618	0.4846		26.8	20.0	33.9*	20.0
1,4-Dioxane	Ave	1.115	1.106		397	400	-0.8	50.0
Dibromomethane	Ave	0.1793	0.1880		21.0	20.0	4.8	20.0
Bromodichloromethane	Ave	0.3374	0.3694	0.2000	21.9	20.0	9.5	20.0
2-Chloroethyl vinyl ether	Ave	0.1621	0.1806		22.3	20.0	11.4	20.0
2-Nitropropane	Ave	0.0783	0.0723		37.0	40.0	-7.6	20.0
Epichlorohydrin	Ave	0.2308	0.2219		385	400	-3.9	20.0
cis-1,3-Dichloropropene	Ave	0.5682	0.6280	0.2000	22.1	20.0	10.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.298	2.403	0.0500	105	100	4.6	50.0
Toluene	Ave	1.516	1.668	0.4000	22.0	20.0	10.0	20.0
Ethyl methacrylate	Ave	0.3349	0.3486		20.8	20.0	4.1	20.0
trans-1,3-Dichloropropene	Ave	0.5229	0.5603	0.1000	21.4	20.0	7.1	50.0
1,1,2-Trichloroethane	Ave	0.2639	0.2880	0.1000	21.8	20.0	9.1	20.0
Tetrachloroethene	Ave	0.4075	0.4059	0.2000	19.9	20.0	-0.4	20.0
1,3-Dichloropropane	Ave	0.5168	0.5941		23.0	20.0	15.0	20.0
2-Hexanone	Ave	0.7868	0.7371	0.0500	93.7	100	-6.3	50.0
n-Butyl acetate	Ave	0.0959	0.1040		21.7	20.0	8.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: CCVIS 460-829917/2 Calibration Date: 02/23/2022 18:44

Instrument ID: CVOAMS1 Calib Start Date: 12/23/2021 16:04

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/23/2021 18:22

Lab File ID: A15484.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
Chlorodibromomethane	Ave	0.3433	0.3284	0.1000	19.1	20.0	-4.4	50.0
Ethylene Dibromide	Ave	0.3239	0.3371	0.1000	20.8	20.0	4.1	20.0
Chlorobenzene	Ave	0.9754	1.035	0.5000	21.2	20.0	6.1	20.0
Ethylbenzene	Ave	0.5721	0.5918	0.1000	20.7	20.0	3.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4023	0.3938		19.6	20.0	-2.1	20.0
m-Xylene & p-Xylene	Ave	0.6886	0.7057	0.1000	20.5	20.0	2.5	20.0
n-Butyl acrylate	Ave	0.2518	0.2537		20.1	20.0	0.7	20.0
o-Xylene	Ave	0.7044	0.7140	0.3000	20.3	20.0	1.4	20.0
Styrene	Ave	1.095	1.146	0.3000	20.9	20.0	4.6	20.0
Amyl acetate (mixed isomers)	Ave	1.075	1.305		24.3	20.0	21.4*	20.0
Bromoform	Ave	0.2359	0.2339	0.1000	19.8	20.0	-0.8	20.0
Isopropylbenzene	Ave	1.753	1.958	0.1000	22.3	20.0	11.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7303	0.8137	0.3000	22.3	20.0	11.4	20.0
Bromobenzene	Ave	0.7788	0.7714		19.8	20.0	-0.9	20.0
N-Propylbenzene	Ave	3.355	3.863		23.0	20.0	15.1	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.2159		25.8	20.0	29.2*	20.0
1,2,3-Trichloropropane	Ave	0.2266	0.2460		21.7	20.0	8.6	20.0
4-Ethyltoluene	Ave	2.843	3.110		21.9	20.0	9.4	20.0
2-Chlorotoluene	Ave	2.597	2.891		22.3	20.0	11.3	20.0
1,3,5-Trimethylbenzene	Ave	2.577	2.859		22.2	20.0	10.9	20.0
Butyl Methacrylate	Ave	0.8905	0.7270		16.3	20.0	-18.4	20.0
4-Chlorotoluene	Ave	2.034	2.280		22.4	20.0	12.1	20.0
tert-Butylbenzene	Ave	2.184	2.252		20.6	20.0	3.1	20.0
1,2,4-Trimethylbenzene	Ave	2.569	2.836		22.1	20.0	10.4	20.0
sec-Butylbenzene	Ave	0.8345	0.7278		17.4	20.0	-12.8	20.0
4-Isopropyltoluene	Ave	2.987	3.054		20.4	20.0	2.2	20.0
1,3-Dichlorobenzene	Ave	1.490	1.574	0.6000	21.1	20.0	5.6	20.0
1,2,3-Trimethylbenzene	Ave	2.812	3.052		21.7	20.0	8.5	20.0
1,4-Dichlorobenzene	Ave	1.548	1.619	0.5000	20.9	20.0	4.5	20.0
Benzyl chloride	Ave	1.349	1.458		21.6	20.0	8.1	50.0
Indan	Ave	2.886	3.083		21.4	20.0	6.8	20.0
p-Diethylbenzene	Ave	1.735	1.765		20.3	20.0	1.7	20.0
n-Butylbenzene	Ave	1.573	1.686		21.4	20.0	7.2	20.0
1,2-Dichlorobenzene	Ave	1.484	1.580	0.4000	21.3	20.0	6.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.852	2.843		19.9	20.0	-0.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1845	0.1765	0.0500	19.1	20.0	-4.3	50.0
1,3,5-Trichlorobenzene	Ave	1.319	1.325		20.1	20.0	0.5	20.0
1,2,4-Trichlorobenzene	Ave	1.206	1.213	0.2000	20.1	20.0	0.5	20.0
Hexachlorobutadiene	Ave	0.6173	0.5540		18.0	20.0	-10.2	20.0
Naphthalene	Ave	2.599	2.499		19.2	20.0	-3.8	50.0
1,2,3-Trichlorobenzene	Ave	1.083	1.029		19.0	20.0	-5.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2822	0.2927		51.9	50.0	3.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Lab Sample ID: CCVIS 460-829917/2 Calibration Date: 02/23/2022 18:44
Instrument ID: CVOAMS1 Calib Start Date: 12/23/2021 16:04
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/23/2021 18:22
Lab File ID: A15484.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	0.3328	0.3739		56.2	50.0	12.3	20.0
Toluene-d8 (Surr)	Ave	1.378	1.451		52.6	50.0	5.3	20.0
4-Bromofluorobenzene	Ave	0.4621	0.4863		52.6	50.0	5.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15484.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 23-Feb-2022 18:44:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: PRIMER
 Misc. Info.: 460-0141811-002
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 09:58:32 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1639

First Level Reviewer: parekhv

Date: 23-Feb-2022 19:07:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.648	1.648	0.000	86	15926	20.0	17.2	a
4 Dichlorodifluoromethane	85	1.690	1.690	0.000	53	71948	20.0	17.8	
165 Chlorodifluoromethane	51	1.715	1.715	0.000	78	65859	20.0	23.9	
6 Chloromethane	50	1.910	1.910	0.000	89	93338	20.0	22.3	
7 Vinyl chloride	62	2.020	2.020	0.000	82	83781	20.0	19.5	
172 Butadiene	39	2.026	2.026	0.000	95	93164	20.0	19.8	
9 Bromomethane	94	2.397	2.397	0.000	98	54082	20.0	16.4	
10 Chloroethane	64	2.477	2.477	0.000	97	52903	20.0	19.1	
174 Dichlorofluoromethane	67	2.702	2.702	0.000	89	119680	20.0	21.7	
12 Trichlorofluoromethane	101	2.708	2.708	0.000	53	88269	20.0	17.3	
13 Pentane	72	2.733	2.733	0.000	98	17874	40.0	30.0	
15 Ethyl ether	59	2.964	2.964	0.000	86	51463	20.0	25.1	
14 Ethanol	46	2.971	2.971	0.000	82	14974	800.0	871.4	
16 2-Methyl-1,3-butadiene	53	2.995	2.995	0.000	96	54434	20.0	22.5	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.038	3.038	0.000	90	53083	20.0	22.7	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.099	3.099	0.000	91	86842	20.0	22.7	a
19 Acrolein	56	3.166	3.166	0.000	68	18128	40.6	59.0	
20 1,1,2,2-TCTFE	101	3.190	3.190	0.000	63	49770	20.0	16.8	
21 1,1-Dichloroethene	96	3.208	3.208	0.000	89	53953	20.0	20.1	
22 Acetone	58	3.300	3.300	0.000	77	29448	100.0	89.7	
23 Iodomethane	142	3.379	3.379	0.000	97	97756	20.0	20.2	
24 Isopropyl alcohol	45	3.403	3.403	0.000	38	41117	200.0	218.8	a
25 Carbon disulfide	76	3.409	3.409	0.000	99	206315	20.0	22.7	
161 3-Chloro-1-propene	76	3.550	3.550	0.000	1	36572	20.0	22.4	
27 Methyl acetate	43	3.556	3.556	0.000	97	104145	40.0	57.4	
166 Cyclopentene	67	3.574	3.574	0.000	67	141214	20.0	22.6	
29 Acetonitrile	41	3.623	3.623	0.000	98	110323	200.0	371.7	
* 30 TBA-d9 (IS)	65	3.678	3.678	0.000	60	262027	1000.0	1000.0	
31 Methylene Chloride	84	3.690	3.690	0.000	82	65798	20.0	23.3	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	8	58203	200.0	203.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.848	3.848	0.000	96	169632	20.0	23.4	
34 trans-1,2-Dichloroethene	96	3.873	3.873	0.000	79	61171	20.0	22.6	
35 Acrylonitrile	53	3.946	3.946	0.000	93	261528	200.0	284.7	
36 Hexane	43	4.025	4.025	0.000	96	54996	20.0	23.1	
37 Isopropyl ether	45	4.226	4.226	0.000	97	224364	20.0	27.2	
38 1,1-Dichloroethane	63	4.263	4.263	0.000	58	112865	20.0	24.5	
39 Vinyl acetate	86	4.263	4.263	0.000	100	22943	40.0	34.2	
40 2-Chloro-1,3-butadiene	88	4.300	4.300	0.000	90	50140	20.0	20.8	
41 Tert-butyl ethyl ether	59	4.513	4.513	0.000	88	186989	20.0	24.9	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	90	337479	250.0	250.0	
43 2,2-Dichloropropane	97	4.714	4.714	0.000	79	18838	20.0	21.2	
44 cis-1,2-Dichloroethene	96	4.726	4.726	0.000	52	64591	20.0	20.9	
46 Ethyl acetate	70	4.732	4.732	0.000	91	12617	40.0	33.4	
45 2-Butanone (MEK)	72	4.738	4.738	0.000	96	34267	100.0	82.8	
47 Methyl acrylate	55	4.781	4.781	0.000	97	53943	20.0	23.6	
48 Propionitrile	54	4.848	4.848	0.000	36	96609	200.0	246.1	
49 Tetrahydrofuran	72	4.915	4.915	0.000	45	15587	40.0	34.9	
50 Chlorobromomethane	128	4.921	4.921	0.000	57	30642	20.0	19.8	
51 Methacrylonitrile	67	4.940	4.940	0.000	95	256857	200.0	248.4	
52 Chloroform	83	4.958	4.958	0.000	88	101477	20.0	22.2	
53 Cyclohexane	56	5.080	5.080	0.000	83	106404	20.0	21.3	
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.086	0.000	95	136359	50.0	51.9	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	32	90803	20.0	20.9	
56 Carbon tetrachloride	117	5.184	5.184	0.000	89	68290	20.0	18.2	
57 1,1-Dichloropropene	75	5.202	5.202	0.000	92	76812	20.0	21.6	
58 Isobutyl alcohol	43	5.269	5.269	0.000	63	66944	500.0	529.6	
59 Isooctane	57	5.336	5.336	0.000	59	138989	20.0	14.0	
60 Benzene	78	5.366	5.366	0.000	86	237558	20.0	23.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.373	5.373	0.000	82	174183	50.0	56.2	
62 Isopropyl acetate	61	5.385	5.385	0.000	96	27767	20.0	29.4	
63 Tert-amyl methyl ether	87	5.397	5.397	0.000	62	51379	20.0	21.1	
64 1,2-Dichloroethane	62	5.433	5.433	0.000	91	78607	20.0	23.2	
65 n-Heptane	71	5.464	5.464	0.000	95	45177	20.0	19.2	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	465873	50.0	50.0	
67 n-Butanol	56	5.793	5.793	0.000	92	38685	500.0	497.0	
68 Trichloroethene	95	5.879	5.879	0.000	94	56081	20.0	20.8	
69 Ethyl acrylate	99	5.958	5.958	0.000	7	5807	20.0	21.3	
70 Methylcyclohexane	83	5.994	5.994	0.000	94	87884	20.0	16.9	
71 1,2-Dichloropropane	63	6.135	6.135	0.000	80	58689	20.0	23.6	
72 Methyl methacrylate	69	6.165	6.165	0.000	92	74225	40.0	47.4	
* 73 1,4-Dioxane-d8	96	6.165	6.165	0.000	91	27492	1000.0	1000.0	
74 n-Propyl acetate	43	6.202	6.202	0.000	98	90298	20.0	26.8	
75 1,4-Dioxane	88	6.214	6.214	0.000	27	12159	400.0	396.8	
76 Dibromomethane	93	6.250	6.250	0.000	93	35041	20.0	21.0	
77 Dichlorobromomethane	83	6.372	6.372	0.000	95	68833	20.0	21.9	
78 2-Chloroethyl vinyl ether	63	6.634	6.634	0.000	91	33727	20.0	22.3	
79 2-Nitropropane	41	6.653	6.653	0.000	94	26952	40.0	37.0	
80 Epichlorohydrin	57	6.732	6.732	0.000	81	119793	400.0	384.5	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	90	87886	20.0	22.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.891	6.891	0.000	97	324378	100.0	104.6	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	99	507766	50.0	52.6	
84 Toluene	91	7.025	7.025	0.000	93	233454	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.232	7.232	0.000	80	64954	20.0	20.8	
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	87	78419	20.0	21.4	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	81	40301	20.0	21.8	
88 Tetrachloroethene	166	7.421	7.421	0.000	92	56806	20.0	19.9	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	94	83142	20.0	23.0	
90 2-Hexanone	58	7.525	7.525	0.000	97	99499	100.0	93.7	
91 n-Butyl acetate	73	7.573	7.573	0.000	96	14558	20.0	21.7	
92 Chlorodibromomethane	129	7.646	7.646	0.000	96	45956	20.0	19.1	
93 Ethylene Dibromide	107	7.750	7.750	0.000	96	47177	20.0	20.8	
* 94 Chlorobenzene-d5	117	8.024	8.024	0.000	86	349874	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	92	144875	20.0	21.2	
96 Ethylbenzene	106	8.085	8.085	0.000	98	82817	20.0	20.7	
97 1,1,1,2-Tetrachloroethane	131	8.098	8.098	0.000	85	55113	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.159	8.159	0.000	98	98762	20.0	20.5	
99 n-Butyl acrylate	73	8.360	8.360	0.000	95	35500	20.0	20.1	
100 o-Xylene	106	8.409	8.409	0.000	92	99930	20.0	20.3	
101 Styrene	104	8.421	8.421	0.000	89	160380	20.0	20.9	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	89	110165	20.0	24.3	
103 Bromoform	173	8.561	8.561	0.000	96	32736	20.0	19.8	
104 Isopropylbenzene	105	8.610	8.610	0.000	96	274004	20.0	22.3	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	93	170145	50.0	52.6	
106 1,1,2,2-Tetrachloroethane	83	8.817	8.817	0.000	70	68684	20.0	22.3	
107 Bromobenzene	156	8.829	8.829	0.000	76	65121	20.0	19.8	
108 N-Propylbenzene	91	8.841	8.841	0.000	91	326117	20.0	23.0	
109 trans-1,4-Dichloro-2-butene	53	8.854	8.854	0.000	55	18226	20.0	25.8	
110 1,2,3-Trichloropropane	110	8.860	8.860	0.000	62	20767	20.0	21.7	
169 4-Ethyltoluene	105	8.902	8.902	0.000	0	262547	20.0	21.9	
112 2-Chlorotoluene	91	8.921	8.921	0.000	79	244057	20.0	22.3	
113 1,3,5-Trimethylbenzene	105	8.939	8.939	0.000	67	241355	20.0	22.2	
114 Butyl Methacrylate	87	8.963	8.963	0.000	97	61373	20.0	16.3	
115 4-Chlorotoluene	91	8.982	8.982	0.000	98	192472	20.0	22.4	
116 tert-Butylbenzene	119	9.122	9.122	0.000	79	190070	20.0	20.6	
117 1,2,4-Trimethylbenzene	105	9.152	9.152	0.000	96	239366	20.0	22.1	
118 sec-Butylbenzene	134	9.244	9.244	0.000	99	61437	20.0	17.4	
119 4-Isopropyltoluene	119	9.323	9.323	0.000	82	257762	20.0	20.4	
120 1,3-Dichlorobenzene	146	9.353	9.353	0.000	78	132854	20.0	21.1	
* 121 1,4-Dichlorobenzene-d4	152	9.390	9.390	0.000	96	211036	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.408	9.408	0.000	74	136651	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	9.408	9.408	0.000	98	257631	20.0	21.7	
124 Benzyl chloride	91	9.488	9.488	0.000	98	123107	20.0	21.6	
162 2,3-Dihydroindene	117	9.542	9.542	0.000	30	260235	20.0	21.4	
164 p-Diethylbenzene	119	9.549	9.549	0.000	79	149029	20.0	20.3	
127 n-Butylbenzene	92	9.567	9.567	0.000	98	142300	20.0	21.4	
128 1,2-Dichlorobenzene	146	9.646	9.646	0.000	96	133336	20.0	21.3	
163 1,2,4,5-Tetramethylbenzene	119	10.067	10.067	0.000	0	239990	20.0	19.9	
130 1,2-Dibromo-3-Chloropropane	157	10.183	10.176	0.007	90	14901	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	10.280	10.280	0.000	97	111856	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	10.798	10.798	0.000	87	102378	20.0	20.1	
133 Hexachlorobutadiene	225	10.878	10.878	0.000	95	46769	20.0	18.0	
134 Naphthalene	128	11.048	11.048	0.000	99	210958	20.0	19.2	
135 1,2,3-Trichlorobenzene	180	11.280	11.280	0.000	94	86879	20.0	19.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		40.0	40.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524freon_00048	Amount Added: 20.00	Units: uL	
ACROLEIN W_00136	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00150	Amount Added: 20.00	Units: uL	
GASES Li_00464	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15484.D

Injection Date: 23-Feb-2022 18:44:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

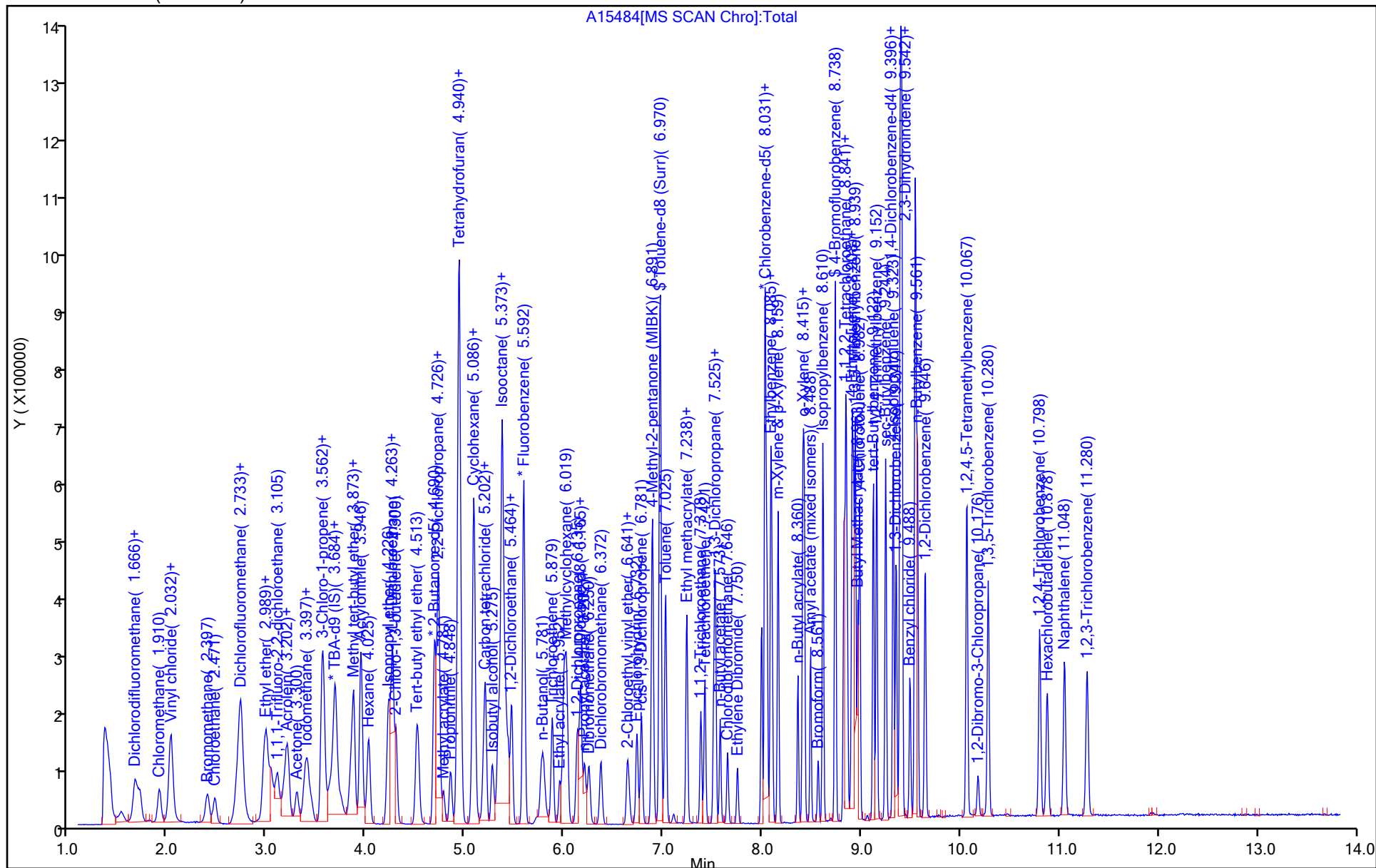
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15484.D

Injection Date: 23-Feb-2022 18:44:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

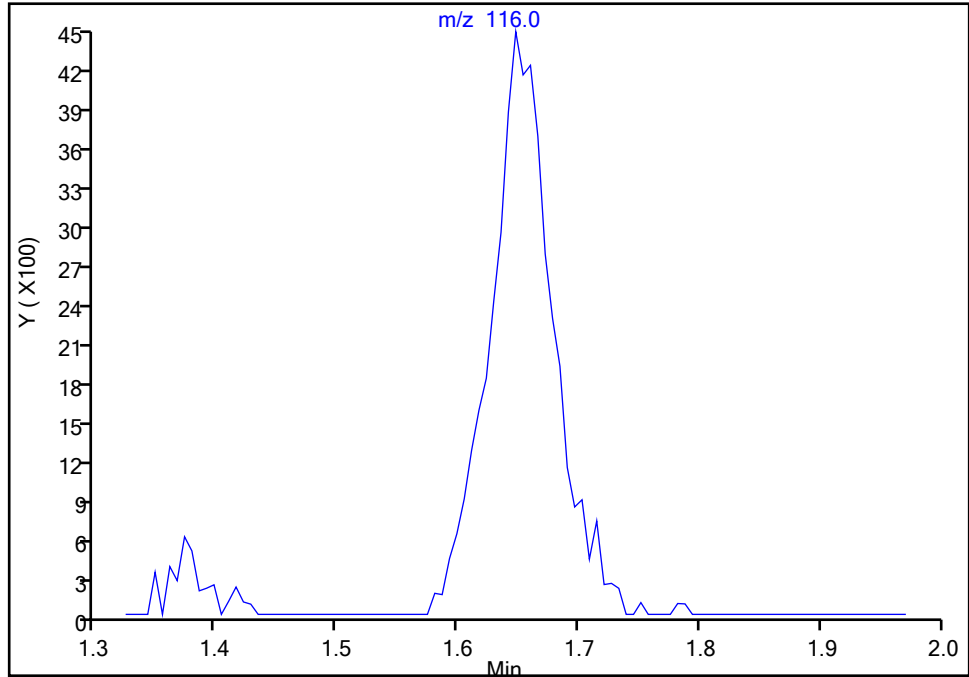
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

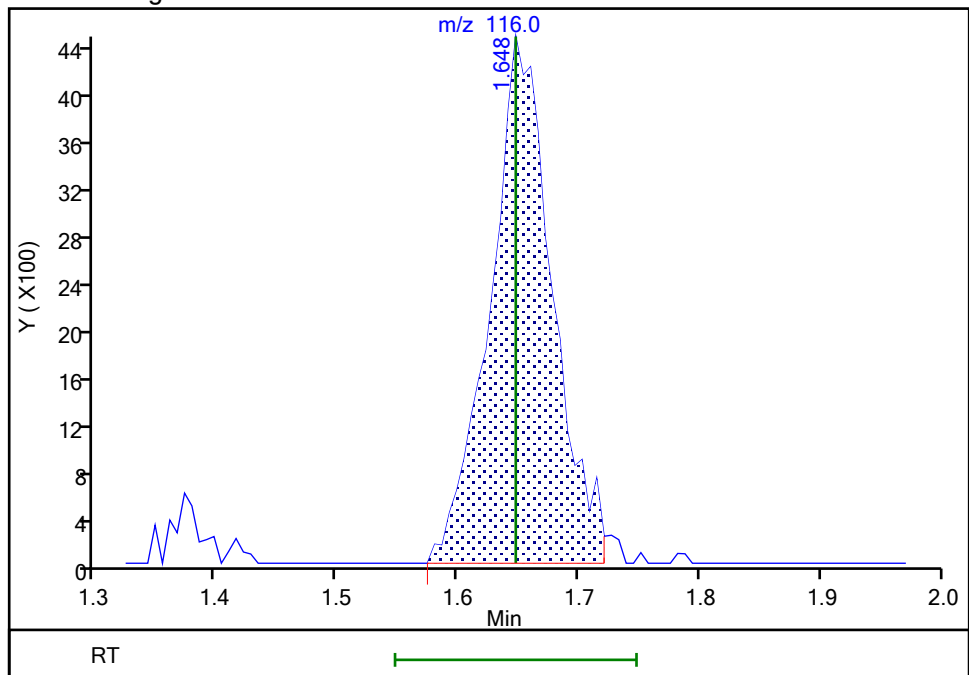
Not Detected

Expected RT: 1.65

Processing Integration Results



Manual Integration Results



Reviewer: parekhv, 23-Feb-2022 19:05:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15484.D

Injection Date: 23-Feb-2022 18:44:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

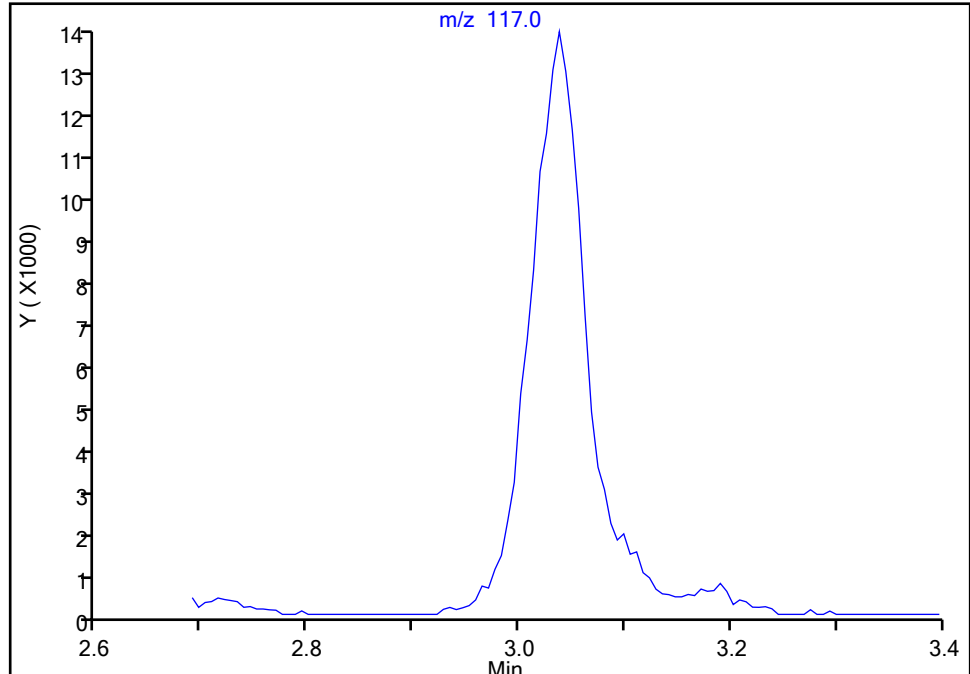
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

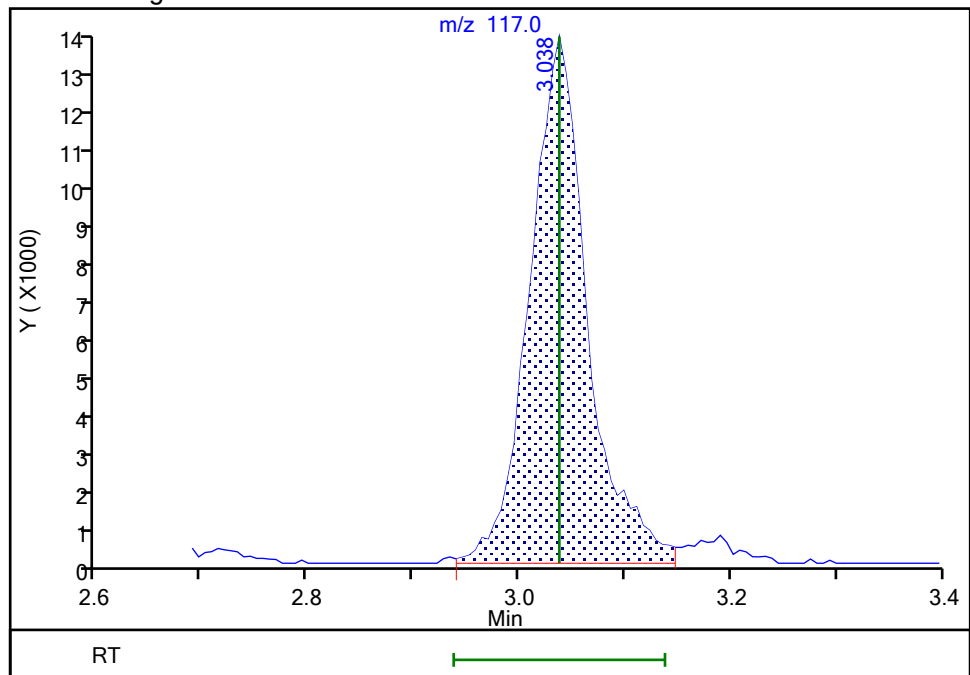
Not Detected

Expected RT: 3.04

Processing Integration Results



Manual Integration Results

RT: 3.04
Area: 53083
Amount: 22.681730
Amount Units: ug/l

Reviewer: parekhv, 23-Feb-2022 19:06:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15484.D

Injection Date: 23-Feb-2022 18:44:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

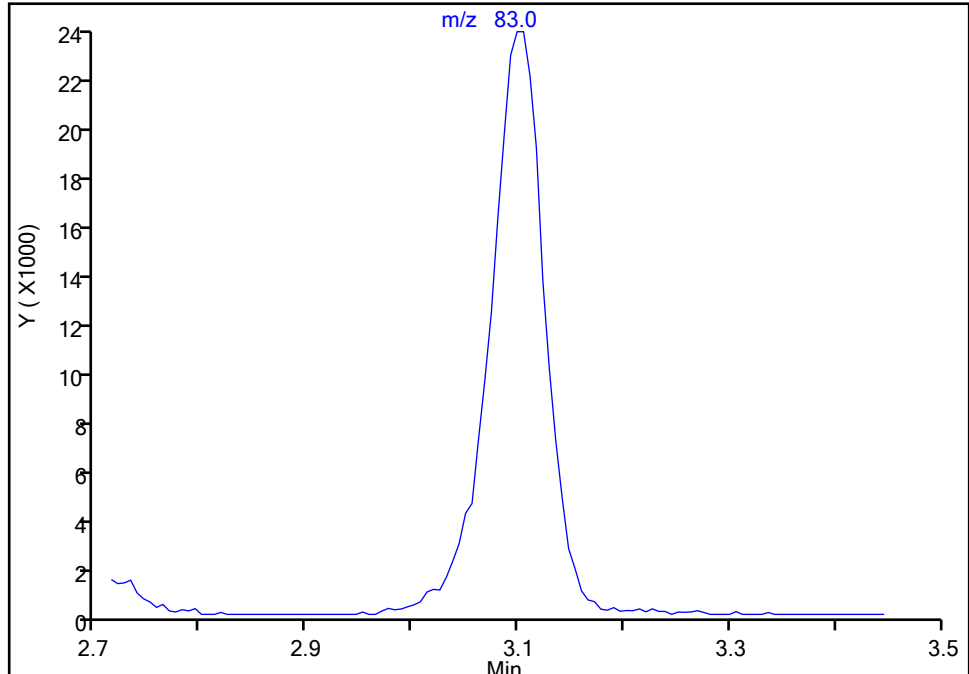
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

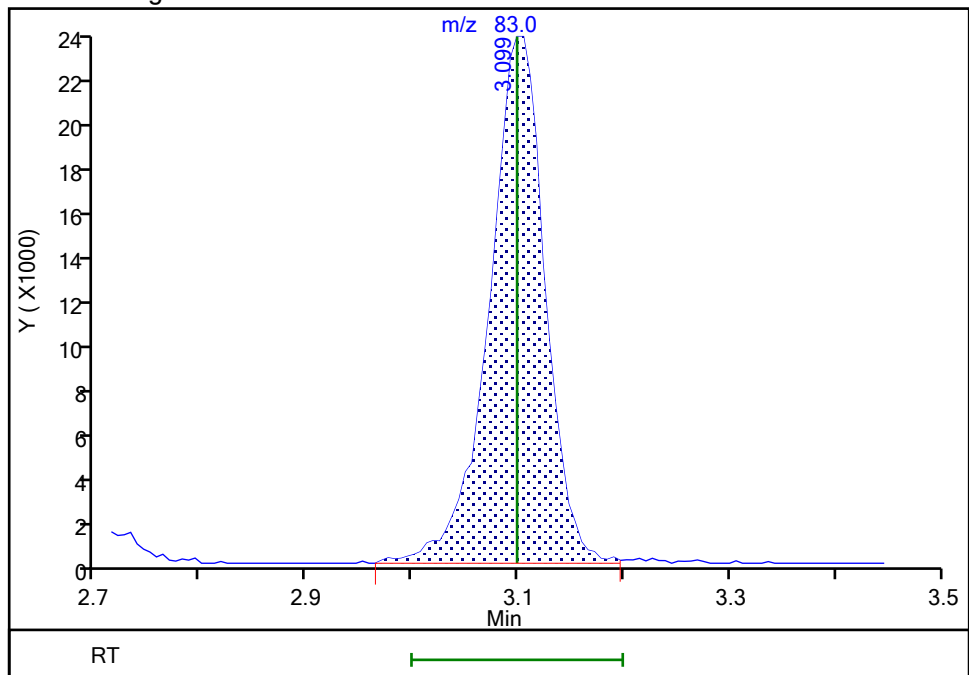
Not Detected

Expected RT: 3.10

Processing Integration Results



Manual Integration Results



RT: 3.10
Area: 86842
Amount: 22.695712
Amount Units: ug/l

Reviewer: parekhv, 23-Feb-2022 19:06:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15484.D

Injection Date: 23-Feb-2022 18:44:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

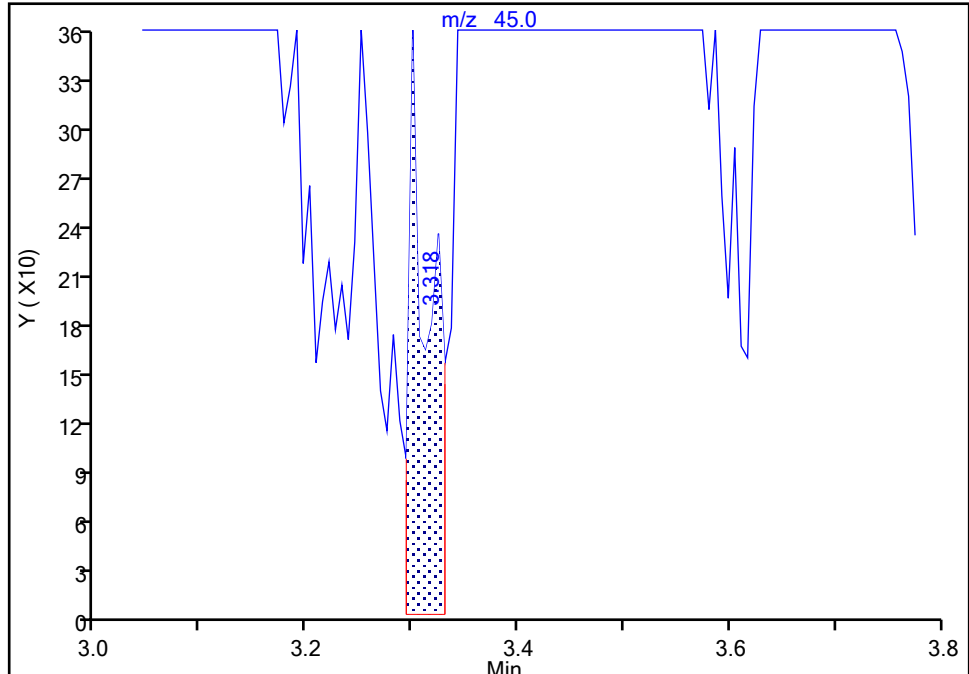
MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

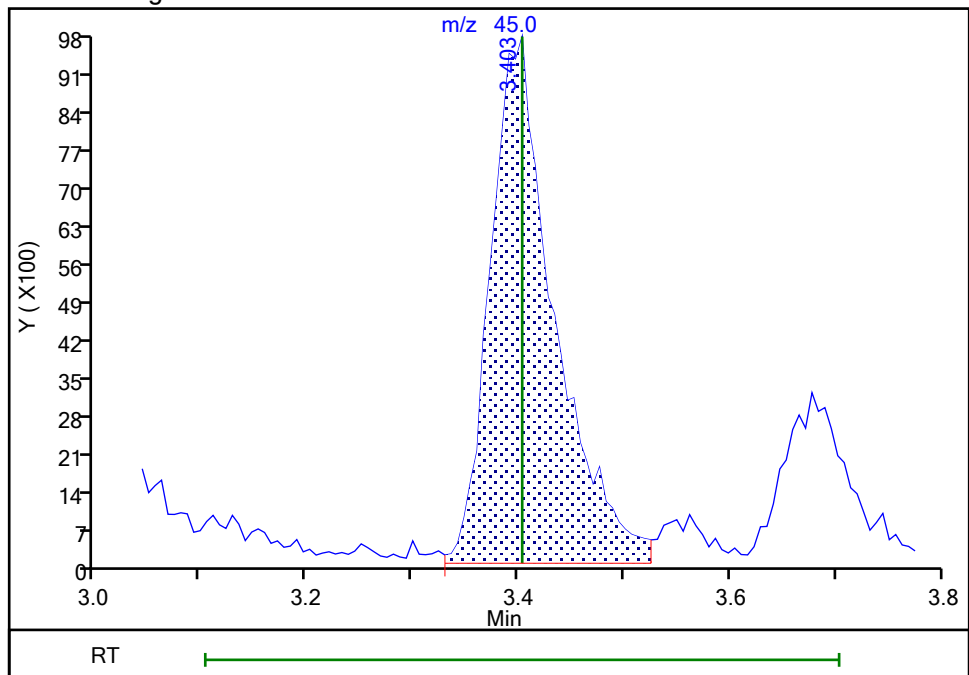
RT: 3.32
Area: 510
Amount: 2.714497
Amount Units: ug/l

Processing Integration Results



RT: 3.40
Area: 41117
Amount: 218.8470
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 23-Feb-2022 19:06:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: ICV 460-830341/15 Calibration Date: 02/25/2022 15:28

Instrument ID: CVOAMS1 Calib Start Date: 02/25/2022 10:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 02/25/2022 13:09

Lab File ID: A15585.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1351	0.0946		14.0	20.0	-30.0	30.0
Dichlorodifluoromethane	Ave	0.4927	0.5100	0.1000	20.7	20.0	3.5	30.0
Chlorodifluoromethane	Ave	0.4825	0.4714		19.5	20.0	-2.3	30.0
Chloromethane	Ave	0.6232	0.6488	0.1000	20.8	20.0	4.1	30.0
Vinyl chloride	Ave	0.5846	0.6159	0.1000	21.1	20.0	5.4	30.0
Butadiene	Ave	0.5866	0.5665		19.3	20.0	-3.4	30.0
Bromomethane	Ave	0.2906	0.3296	0.1000	22.7	20.0	13.4	30.0
Chloroethane	Ave	0.3243	0.3372	0.1000	20.8	20.0	4.0	30.0
Dichlorofluoromethane	Ave	0.7341	0.7520		20.5	20.0	2.4	30.0
Trichlorofluoromethane	Ave	0.4944	0.5408	0.1000	21.9	20.0	9.4	30.0
Pentane	Ave	3.246	2.188		27.0	40.0	-32.6*	30.0
Ethanol	Ave	0.0900	0.0740		657	800	-17.8	30.0
Ethyl ether	Ave	0.3207	0.3169		19.8	20.0	-1.2	30.0
2-Methyl-1,3-butadiene	Ave	0.3515	0.3222		18.3	20.0	-8.3	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2860	0.2743		19.2	20.0	-4.1	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.5193	0.5117		19.7	20.0	-1.5	30.0
Acrolein	QuaF		1.507		32.6	40.1	-18.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3174	0.3389	0.1000	21.4	20.0	6.8	30.0
1,1-Dichloroethene	Ave	0.3277	0.3164	0.1000	19.3	20.0	-3.4	30.0
Acetone	Ave	0.2959	0.2604	0.0500	88.0	100	-12.0	30.0
Iodomethane	Ave	0.5020	0.5054		20.1	20.0	0.7	30.0
Isopropyl alcohol	Ave	0.8077	0.8429		209	200	4.4	30.0
Carbon disulfide	Ave	1.330	1.307	0.1000	19.7	20.0	-1.7	30.0
3-Chloro-1-propene	Ave	0.2146	0.2238		20.9	20.0	4.3	30.0
Methyl acetate	Ave	0.2750	0.2924	0.1000	42.5	40.0	6.3	30.0
Cyclopentene	Ave	0.9548	0.8160		17.1	20.0	-14.5	30.0
Acetonitrile	QuaF		1.698		174	200	-12.9	30.0
Methylene Chloride	Ave	0.4094	0.3972	0.1000	19.4	20.0	-3.0	30.0
2-Methyl-2-propanol	Ave	1.104	1.105		200	200	0.0	30.0
Methyl tert-butyl ether	Ave	1.020	1.029	0.1000	20.2	20.0	0.9	30.0
trans-1,2-Dichloroethene	Ave	0.3585	0.3446	0.1000	19.2	20.0	-3.9	30.0
Acrylonitrile	Ave	0.1590	0.1596		201	200	0.4	30.0
Hexane	Ave	0.4031	0.3767		18.7	20.0	-6.6	30.0
Isopropyl ether	Ave	1.302	1.337		20.5	20.0	2.7	30.0
1,1-Dichloroethane	Ave	0.7022	0.6798	0.2000	19.4	20.0	-3.2	30.0
Vinyl acetate	Ave	2.418	2.231		36.9	40.0	-7.7	30.0
2-Chloro-1,3-butadiene	Ave	0.3104	0.3145		20.3	20.0	1.3	30.0
Tert-butyl ethyl ether	Ave	1.121	1.174		20.9	20.0	4.7	30.0
2,2-Dichloropropane	Ave	0.1129	0.1090		19.3	20.0	-3.5	30.0
cis-1,2-Dichloroethene	Ave	0.3779	0.3710	0.1000	19.6	20.0	-1.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: ICV 460-830341/15 Calibration Date: 02/25/2022 15:28

Instrument ID: CVOAMS1 Calib Start Date: 02/25/2022 10:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 02/25/2022 13:09

Lab File ID: A15585.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
Ethyl acetate	Ave	0.2481	0.2887		46.6	40.0	16.4	30.0
2-Butanone (MEK)	Ave	0.3029	0.3151	0.0500	104	100	4.0	30.0
Methyl acrylate	Ave	0.2822	0.2757		19.5	20.0	-2.3	30.0
Propionitrile	Ave	2.813	2.028		144	200	-27.9	30.0
Chlorobromomethane	Ave	0.1676	0.1664		19.9	20.0	-0.7	30.0
Tetrahydrofuran	Ave	0.3412	0.3387		39.7	40.0	-0.7	30.0
Methacrylonitrile	Ave	0.1525	0.1654		217	200	8.5	30.0
Chloroform	Ave	0.5672	0.5632	0.2000	19.9	20.0	-0.7	30.0
Cyclohexane	Ave	0.7475	0.7505	0.1000	20.1	20.0	0.4	30.0
1,1,1-Trichloroethane	Ave	0.4019	0.4498	0.1000	22.4	20.0	11.9	30.0
Carbon tetrachloride	Ave	0.2367	0.3065	0.1000	25.9	20.0	29.5	30.0
1,1-Dichloropropene	Ave	0.4892	0.4679		19.1	20.0	-4.3	30.0
Isobutyl alcohol	Ave	0.4905	0.3782		386	500	-22.9	30.0
Isooctane	Ave	1.118	1.164		20.8	20.0	4.2	30.0
Benzene	Ave	2.041	2.054	0.5000	20.1	20.0	0.7	30.0
Isopropyl acetate	QuaF		0.1456		20.0	20.0	-0.1	30.0
Tert-amyl methyl ether	Ave	0.2963	0.3042		20.5	20.0	2.6	30.0
1,2-Dichloroethane	Ave	0.4740	0.4455	0.1000	18.8	20.0	-6.0	30.0
n-Heptane	Ave	0.3353	0.3207		19.1	20.0	-4.4	30.0
n-Butanol	Ave	0.3040	0.2509		413	500	-17.5	30.0
Trichloroethene	Ave	0.3298	0.3135	0.2000	19.0	20.0	-4.9	30.0
Ethyl acrylate	QuaF		0.0313		20.9	20.0	4.6	30.0
Methylcyclohexane	Ave	0.6553	0.6550	0.1000	20.0	20.0	-0.0	30.0
1,2-Dichloropropane	Ave	0.4034	0.3706	0.1000	18.4	20.0	-8.1	30.0
Methyl methacrylate	QuaF		0.2186		39.6	40.0	-0.9	30.0
n-Propyl acetate	Ave	0.4511	0.4228		18.7	20.0	-6.3	30.0
1,4-Dioxane	Ave	1.231	1.269		412	400	3.1	30.0
Dibromomethane	Ave	0.1930	0.1951		20.2	20.0	1.1	30.0
Bromodichloromethane	Ave	0.2943	0.3670	0.2000	24.9	20.0	24.7	30.0
2-Chloroethyl vinyl ether	Ave	0.2169	0.2146		19.8	20.0	-1.1	30.0
2-Nitropropane	Ave	0.0464	0.0389		33.5	40.0	-16.3	30.0
Epichlorohydrin	Ave	0.2366	0.2536		21.4	20.0	7.2	30.0
cis-1,3-Dichloropropene	Ave	0.7007	0.7134	0.2000	20.4	20.0	1.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.404	2.558	0.0500	106	100	6.4	30.0
Toluene	Ave	1.975	1.912	0.4000	19.4	20.0	-3.2	30.0
Ethyl methacrylate	QuaF		0.3448		17.5	20.0	-12.6	30.0
trans-1,3-Dichloropropene	Ave	0.6041	0.6519	0.1000	21.6	20.0	7.9	30.0
1,1,2-Trichloroethane	Ave	0.3338	0.3379	0.1000	20.2	20.0	1.2	30.0
Tetrachloroethene	Ave	0.3874	0.3959	0.2000	20.4	20.0	2.2	30.0
1,3-Dichloropropane	Ave	0.7224	0.6947		19.2	20.0	-3.8	30.0
2-Hexanone	Ave	0.8292	0.8497	0.0500	102	100	2.5	30.0
n-Butyl acetate	Qua2		0.1179		26.1	20.0	30.6*	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: ICV 460-830341/15 Calibration Date: 02/25/2022 15:28

Instrument ID: CVOAMS1 Calib Start Date: 02/25/2022 10:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 02/25/2022 13:09

Lab File ID: A15585.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
Chlorodibromomethane	Qua2		0.2900	0.1000	26.5	20.0	32.3*	30.0
Ethylene Dibromide	Ave	0.3442	0.3697	0.1000	21.5	20.0	7.4	30.0
Chlorobenzene	Ave	1.160	1.149	0.5000	19.8	20.0	-0.9	30.0
Ethylbenzene	Ave	0.6846	0.6500	0.1000	19.0	20.0	-5.1	30.0
1,1,1,2-Tetrachloroethane	Qua2		0.3424		25.5	20.0	27.5	30.0
m-Xylene & p-Xylene	Ave	0.8130	0.8009	0.1000	19.7	20.0	-1.5	30.0
n-Butyl acrylate	QuaF		0.2316		17.6	20.0	-12.1	30.0
o-Xylene	Ave	0.8214	0.8317	0.3000	20.3	20.0	1.3	30.0
Styrene	Ave	1.246	1.205	0.3000	19.3	20.0	-3.3	30.0
Amyl acetate (mixed isomers)	QuaF		1.250		17.3	20.0	-13.4	30.0
Bromoform	Qua2		0.1560	0.1000	26.3	20.0	31.6*	30.0
Isopropylbenzene	Ave	2.083	2.185	0.1000	21.0	20.0	4.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9855	1.039	0.3000	21.1	20.0	5.4	30.0
Bromobenzene	Ave	0.8702	0.8321		19.1	20.0	-4.4	30.0
N-Propylbenzene	Ave	4.908	4.890		19.9	20.0	-0.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2529	0.2731		21.6	20.0	8.0	30.0
1,2,3-Trichloropropane	Ave	0.2912	0.2946		20.2	20.0	1.2	30.0
4-Ethyltoluene	Ave	3.900	3.529		18.1	20.0	-9.5	30.0
2-Chlorotoluene	Ave	3.756	3.636		19.4	20.0	-3.2	30.0
1,3,5-Trimethylbenzene	Ave	3.478	3.482		20.0	20.0	0.1	30.0
Butyl Methacrylate	QuaF		0.6389		13.1	20.0	-34.4*	30.0
4-Chlorotoluene	Ave	2.964	2.870		19.4	20.0	-3.2	30.0
tert-Butylbenzene	Ave	2.789	2.765		19.8	20.0	-0.9	30.0
1,2,4-Trimethylbenzene	Ave	3.438	3.574		20.8	20.0	4.0	30.0
sec-Butylbenzene	Ave	0.8516	0.8522		20.0	20.0	0.0	30.0
4-Isopropyltoluene	Ave	3.584	3.705		20.7	20.0	3.4	30.0
1,3-Dichlorobenzene	Ave	1.767	1.725	0.6000	19.5	20.0	-2.4	30.0
1,2,3-Trimethylbenzene	Ave	3.710	3.985		21.5	20.0	7.4	30.0
1,4-Dichlorobenzene	Ave	1.804	1.757	0.5000	19.5	20.0	-2.6	30.0
Benzyl chloride	QuaF		1.649		17.9	20.0	-10.6	30.0
Indan	Ave	3.689	3.391		18.4	20.0	-8.1	30.0
p-Diethylbenzene	Ave	2.118	2.132		20.1	20.0	0.7	30.0
n-Butylbenzene	Ave	2.167	2.107		19.4	20.0	-2.8	30.0
1,2-Dichlorobenzene	Ave	1.771	1.747	0.4000	19.7	20.0	-1.4	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.393	3.019		17.8	20.0	-11.0	30.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1582	0.0500	19.2	20.0	-4.2	30.0
1,3,5-Trichlorobenzene	Ave	1.343	1.398		20.8	20.0	4.1	30.0
1,2,4-Trichlorobenzene	Ave	1.233	1.217	0.2000	19.8	20.0	-1.2	30.0
Hexachlorobutadiene	Ave	0.4847	0.5297		21.9	20.0	9.3	30.0
Naphthalene	Ave	3.062	3.113		20.3	20.0	1.6	30.0
1,2,3-Trichlorobenzene	Ave	1.086	1.090		20.1	20.0	0.3	30.0
Dibromofluoromethane (Surr)	Ave	0.2579	0.2802		54.3	50.0	8.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Lab Sample ID: ICV 460-830341/15 Calibration Date: 02/25/2022 15:28
Instrument ID: CVOAMS1 Calib Start Date: 02/25/2022 10:49
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 02/25/2022 13:09
Lab File ID: A15585.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	0.3882	0.3714		47.8	50.0	-4.3	30.0
Toluene-d8 (Surr)	Ave	1.660	1.673		50.4	50.0	0.8	30.0
4-Bromofluorobenzene	Ave	0.4164	0.4280		51.4	50.0	2.8	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15585.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 25-Feb-2022 15:28:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0141906-015
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Feb-2022 06:02:00 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: xuyvo

Date: 27-Feb-2022 20:51:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.641	1.654	-0.013	85	18586	20.0	14.0	a
4 Dichlorodifluoromethane	85	1.678	1.690	-0.012	0	100190	20.0	20.7	
165 Chlorodifluoromethane	51	1.702	1.721	-0.019	0	92607	20.0	19.5	
6 Chloromethane	50	1.897	1.916	-0.019	0	127451	20.0	20.8	
7 Vinyl chloride	62	2.013	2.026	-0.013	0	121003	20.0	21.1	
172 Butadiene	39	2.019	2.038	-0.019	0	111290	20.0	19.3	
9 Bromomethane	94	2.379	2.397	-0.018	0	64751	20.0	22.7	
10 Chloroethane	64	2.464	2.477	-0.013	0	66250	20.0	20.8	
12 Trichlorofluoromethane	101	2.696	2.708	-0.012	0	106249	20.0	21.9	
174 Dichlorofluoromethane	67	2.690	2.708	-0.018	0	147725	20.0	20.5	
13 Pentane	72	2.733	2.739	-0.006	0	25491	40.0	27.0	
14 Ethanol	46	2.946	2.964	-0.018	0	17237	800.0	657.4	
15 Ethyl ether	59	2.958	2.964	-0.006	0	62262	20.0	19.8	
16 2-Methyl-1,3-butadiene	53	2.977	2.995	-0.018	0	63302	20.0	18.3	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.019	3.044	-0.025	87	53877	20.0	19.2	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.086	3.105	-0.019	96	100526	20.0	19.7	a
19 Acrolein	56	3.153	3.166	-0.013	0	17583	40.1	32.6	
20 1,1,2,2-TCTFE	101	3.172	3.178	-0.006	0	66568	20.0	21.4	
21 1,1-Dichloroethene	96	3.196	3.208	-0.012	0	62153	20.0	19.3	
22 Acetone	58	3.287	3.300	-0.013	0	36384	100.0	88.0	
23 Iodomethane	142	3.367	3.379	-0.012	0	99292	20.0	20.1	
24 Isopropyl alcohol	45	3.391	3.403	-0.012	0	49100	200.0	208.7	
25 Carbon disulfide	76	3.397	3.409	-0.012	0	256736	20.0	19.7	
161 3-Chloro-1-propene	76	3.537	3.550	-0.013	0	43973	20.0	20.9	
27 Methyl acetate	43	3.550	3.562	-0.012	0	114888	40.0	42.5	
166 Cyclopentene	67	3.562	3.568	-0.006	0	160304	20.0	17.1	
29 Acetonitrile	41	3.611	3.623	-0.012	0	98891	200.0	174.3	
* 30 TBA-d9 (IS)	65	3.665	3.684	-0.019	0	291243	1000.0	1000.0	
31 Methylene Chloride	84	3.678	3.690	-0.012	0	78036	20.0	19.4	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	0	64368	200.0	200.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.842	3.855	-0.013	0	202232	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.867	3.873	-0.006	0	67696	20.0	19.2	
35 Acrylonitrile	53	3.940	3.946	-0.006	0	313514	200.0	200.8	
36 Hexane	43	4.013	4.019	-0.006	0	73993	20.0	18.7	
37 Isopropyl ether	45	4.214	4.226	-0.012	0	262638	20.0	20.5	
38 1,1-Dichloroethane	63	4.251	4.257	-0.006	0	133554	20.0	19.4	
39 Vinyl acetate	86	4.257	4.269	-0.012	0	25993	40.0	36.9	
40 2-Chloro-1,3-butadiene	88	4.293	4.300	-0.007	0	61793	20.0	20.3	
41 Tert-butyl ethyl ether	59	4.507	4.513	-0.006	0	230603	20.0	20.9	
* 42 2-Butanone-d5	46	4.677	4.684	-0.007	0	349363	250.0	250.0	
43 2,2-Dichloropropane	97	4.702	4.714	-0.012	0	21413	20.0	19.3	
44 cis-1,2-Dichloroethene	96	4.714	4.720	-0.006	0	72884	20.0	19.6	
46 Ethyl acetate	70	4.720	4.732	-0.012	0	16140	40.0	46.6	
45 2-Butanone (MEK)	72	4.726	4.732	-0.006	0	44033	100.0	104.0	
47 Methyl acrylate	55	4.769	4.775	-0.006	0	54166	20.0	19.5	
48 Propionitrile	54	4.842	4.848	-0.006	0	118150	200.0	144.2	
49 Tetrahydrofuran	72	4.909	4.909	0.000	0	18932	40.0	39.7	
50 Chlorobromomethane	128	4.909	4.915	-0.006	0	32691	20.0	19.9	
51 Methacrylonitrile	67	4.927	4.934	-0.007	0	324993	200.0	217.0	
52 Chloroform	83	4.946	4.952	-0.006	0	110646	20.0	19.9	
53 Cyclohexane	56	5.068	5.074	-0.006	0	147442	20.0	20.1	
54 1,1,1-Trichloroethane	97	5.080	5.086	-0.006	0	88370	20.0	22.4	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.086	-0.006	0	137630	50.0	54.3	
56 Carbon tetrachloride	117	5.177	5.184	-0.007	0	60219	20.0	25.9	
57 1,1-Dichloropropene	75	5.196	5.202	-0.006	0	91926	20.0	19.1	
58 Isobutyl alcohol	43	5.263	5.269	-0.006	0	55074	500.0	385.5	
59 Isooctane	57	5.324	5.330	-0.006	0	228744	20.0	20.8	
60 Benzene	78	5.360	5.360	0.000	0	276313	20.0	20.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.373	-0.007	0	182418	50.0	47.8	
62 Isopropyl acetate	61	5.372	5.379	-0.007	0	28598	20.0	20.0	
63 Tert-amyl methyl ether	87	5.391	5.397	-0.006	0	59751	20.0	20.5	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	0	87527	20.0	18.8	
65 n-Heptane	71	5.458	5.464	-0.006	0	63006	20.0	19.1	
* 66 Fluorobenzene	96	5.580	5.586	-0.006	0	491125	50.0	50.0	
67 n-Butanol	56	5.787	5.787	0.000	0	36531	500.0	412.6	
68 Trichloroethene	95	5.866	5.872	-0.006	0	61595	20.0	19.0	
69 Ethyl acrylate	99	5.945	5.946	-0.001	0	6147	20.0	20.9	
70 Methylcyclohexane	83	5.982	5.988	-0.006	0	128680	20.0	20.0	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	0	72810	20.0	18.4	
* 73 1,4-Dioxane-d8	96	6.147	6.153	-0.006	0	31576	1000.0	1000.0	
72 Methyl methacrylate	69	6.153	6.159	-0.006	0	85893	40.0	39.6	
74 n-Propyl acetate	43	6.195	6.196	-0.001	0	83060	20.0	18.7	
75 1,4-Dioxane	88	6.208	6.208	0.000	0	16025	400.0	412.4	
76 Dibromomethane	93	6.232	6.238	-0.006	0	38337	20.0	20.2	
77 Dichlorobromomethane	83	6.360	6.360	0.000	0	72096	20.0	24.9	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	0	42149	20.0	19.8	
79 2-Nitropropane	41	6.647	6.647	0.000	61	15265	40.0	33.5	a
80 Epichlorohydrin	57	6.726	6.726	0.000	0	7089	20.0	21.4	
81 cis-1,3-Dichloropropene	75	6.768	6.769	-0.001	0	95967	20.0	20.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.884	-0.006	0	357498	100.0	106.4	
\$ 83 Toluene-d8 (Surr)	98	6.957	6.958	-0.001	0	562490	50.0	50.4	
84 Toluene	91	7.012	7.012	0.000	0	257195	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
85 Ethyl methacrylate	69	7.226	7.232	-0.006	0	67741	20.0	17.5	
86 trans-1,3-Dichloropropene	75	7.226	7.232	-0.006	0	87696	20.0	21.6	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	0	45452	20.0	20.2	
88 Tetrachloroethene	166	7.409	7.415	-0.006	0	53258	20.0	20.4	
89 1,3-Dichloropropane	76	7.500	7.506	-0.006	0	93444	20.0	19.2	
90 2-Hexanone	58	7.518	7.518	0.000	0	118746	100.0	102.5	
91 n-Butyl acetate	73	7.567	7.567	0.000	0	15861	20.0	26.1	
92 Chlorodibromomethane	129	7.640	7.640	0.000	0	39004	20.0	26.5	
93 Ethylene Dibromide	107	7.738	7.744	-0.006	0	49735	20.0	21.5	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	0	336284	50.0	50.0	
95 Chlorobenzene	112	8.037	8.043	-0.006	0	154577	20.0	19.8	
96 Ethylbenzene	106	8.079	8.079	0.000	0	87429	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	8.091	8.092	-0.001	0	46056	20.0	25.5	
98 m-Xylene & p-Xylene	106	8.152	8.152	0.000	0	107727	20.0	19.7	
99 n-Butyl acrylate	73	8.354	8.354	0.000	0	31155	20.0	17.6	
100 o-Xylene	106	8.402	8.402	0.000	0	111877	20.0	20.3	
101 Styrene	104	8.415	8.415	-0.001	0	162063	20.0	19.3	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	0	90061	20.0	17.3	
103 Bromoform	173	8.555	8.555	0.000	0	20980	20.0	26.3	
104 Isopropylbenzene	105	8.604	8.604	0.000	0	293850	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	0	143913	50.0	51.4	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	0	74852	20.0	21.1	
107 Bromobenzene	156	8.823	8.823	0.000	0	59971	20.0	19.1	
108 N-Propylbenzene	91	8.835	8.835	0.000	0	352436	20.0	19.9	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.847	0.000	0	19685	20.0	21.6	
110 1,2,3-Trichloropropane	110	8.853	8.854	-0.001	0	21230	20.0	20.2	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	254362	20.0	18.1	
112 2-Chlorotoluene	91	8.908	8.915	-0.006	0	262007	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	0	250960	20.0	20.0	
114 Butyl Methacrylate	87	8.957	8.957	0.000	0	46044	20.0	13.1	
115 4-Chlorotoluene	91	8.975	8.975	0.000	0	206824	20.0	19.4	
116 tert-Butylbenzene	119	9.110	9.110	0.000	0	199264	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	0	257581	20.0	20.8	
118 sec-Butylbenzene	134	9.238	9.238	0.000	0	61416	20.0	20.0	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	0	267002	20.0	20.7	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	0	124338	20.0	19.5	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	0	180170	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	0	126616	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	0	287198	20.0	21.5	
124 Benzyl chloride	91	9.481	9.481	0.000	0	118817	20.0	17.9	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	0	244351	20.0	18.4	
164 p-Diethylbenzene	119	9.536	9.536	0.000	0	153674	20.0	20.1	
127 n-Butylbenzene	92	9.555	9.555	0.000	0	151878	20.0	19.4	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	0	125877	20.0	19.7	
163 1,2,4,5-Tetramethylbenzene	119	10.054	10.055	-0.001	0	217579	20.0	17.8	
130 1,2-Dibromo-3-Chloropropane	157	10.164	10.164	0.000	0	11404	20.0	19.2	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	0	100770	20.0	20.8	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	0	87742	20.0	19.8	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	0	38177	20.0	21.9	
134 Naphthalene	128	11.036	11.036	0.000	0	224316	20.0	20.3	
135 1,2,3-Trichlorobenzene	180	11.262	11.268	-0.006	0	78525	20.0	20.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total	100				0		40.0	40.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GAS C SP_00450	Amount Added: 20.00	Units: uL	
8FreonsSS_00042	Amount Added: 20.00	Units: uL	
8260 SP_00151	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00134	Amount Added: 4.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15585.D

Injection Date: 25-Feb-2022 15:28:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: ICV

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

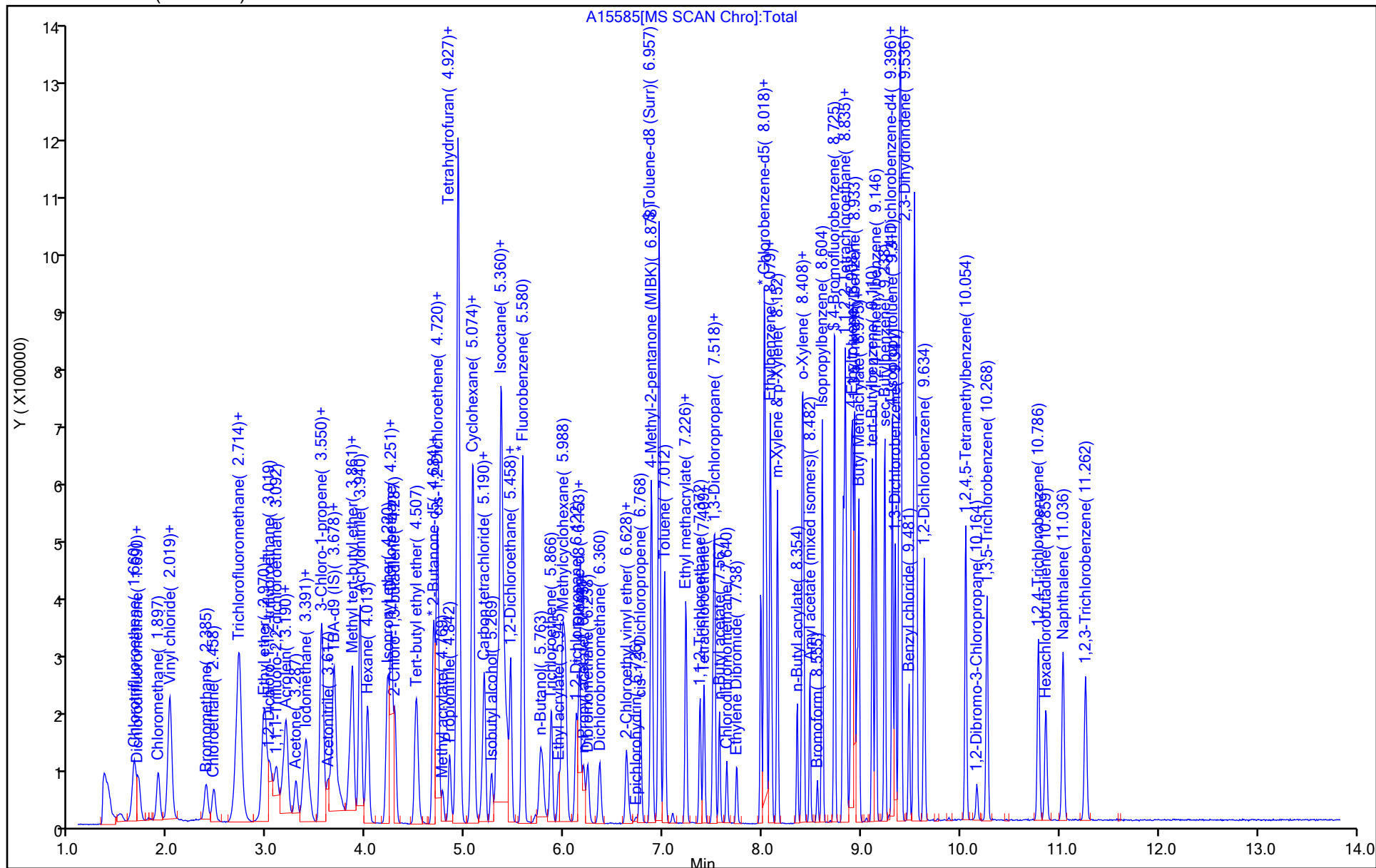
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15585.D

Injection Date: 25-Feb-2022 15:28:30

Instrument ID: CVOAMS1

Lims ID: ICV

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

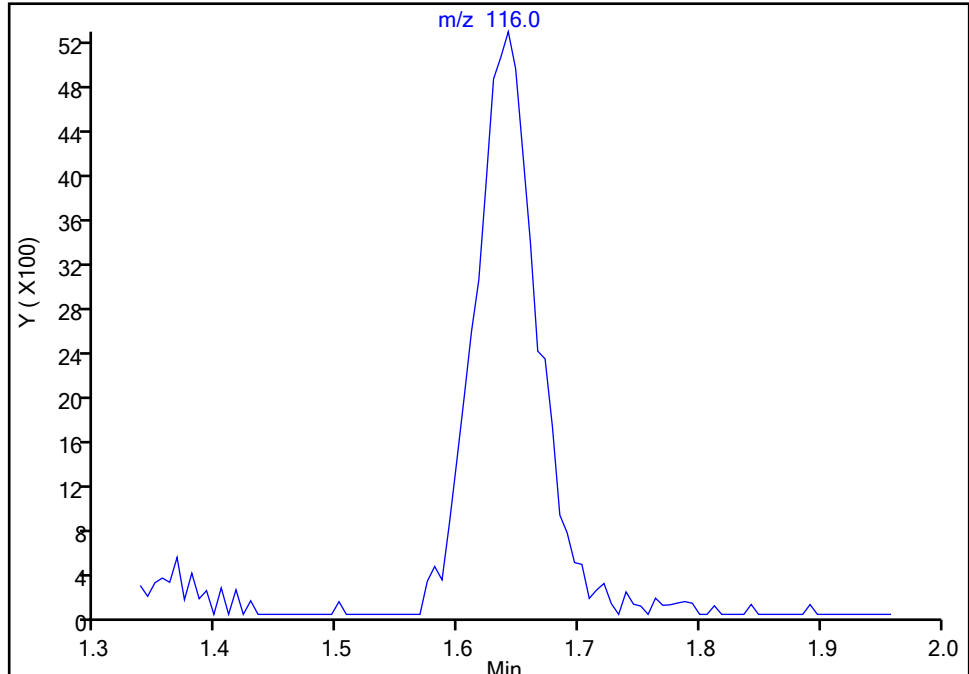
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

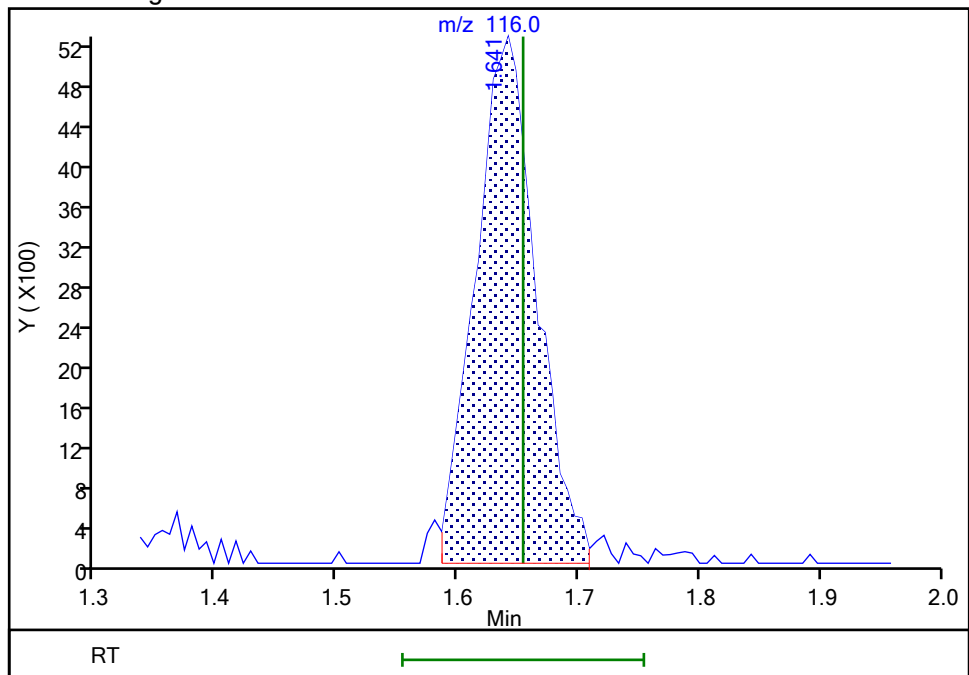
Not Detected

Expected RT: 1.65

Processing Integration Results



Manual Integration Results



RT: 1.64
Area: 18586
Amount: 14.006973
Amount Units: ug/l

Reviewer: baronm, 25-Feb-2022 19:34:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15585.D

Injection Date: 25-Feb-2022 15:28:30

Instrument ID: CVOAMS1

Lims ID: ICV

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

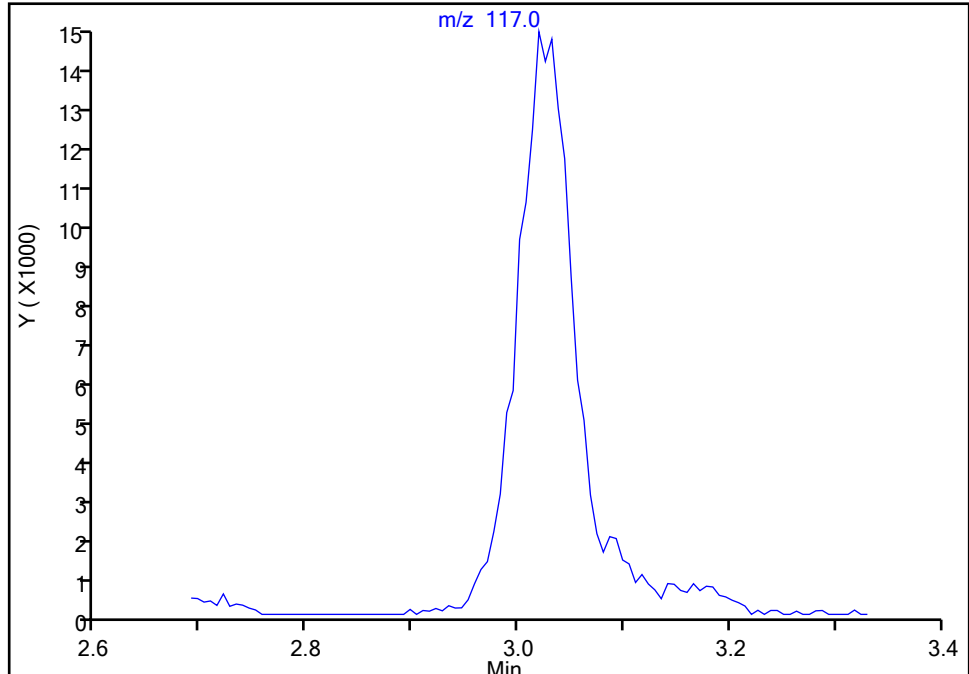
167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

Not Detected

Expected RT: 3.04

Processing Integration Results



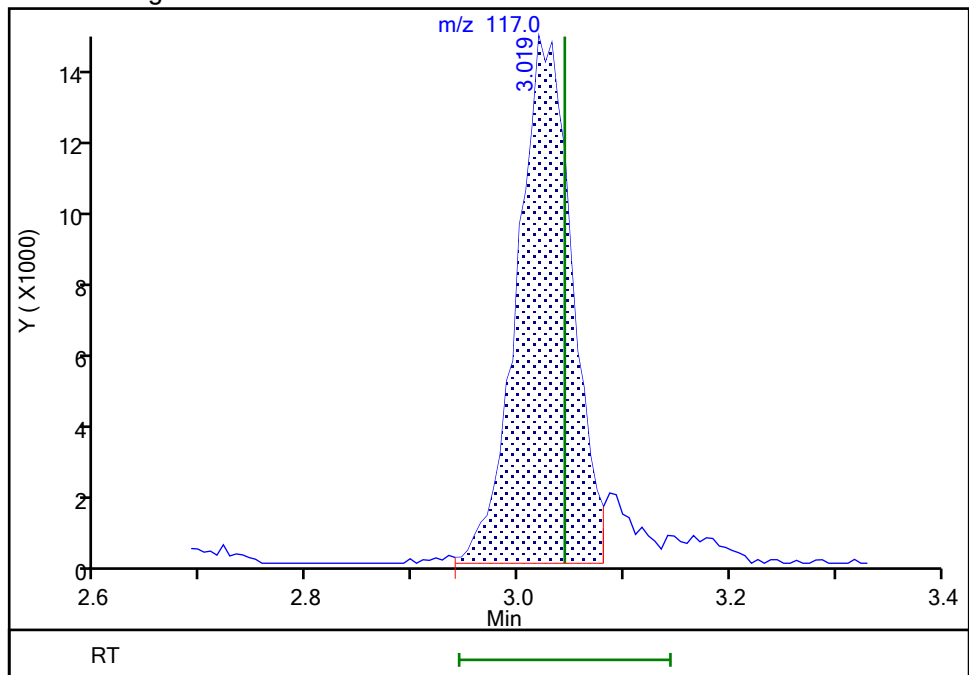
RT: 3.02

Area: 53877

Amount: 19.175593

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 19:34:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15585.D

Injection Date: 25-Feb-2022 15:28:30

Instrument ID: CVOAMS1

Lims ID: ICV

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

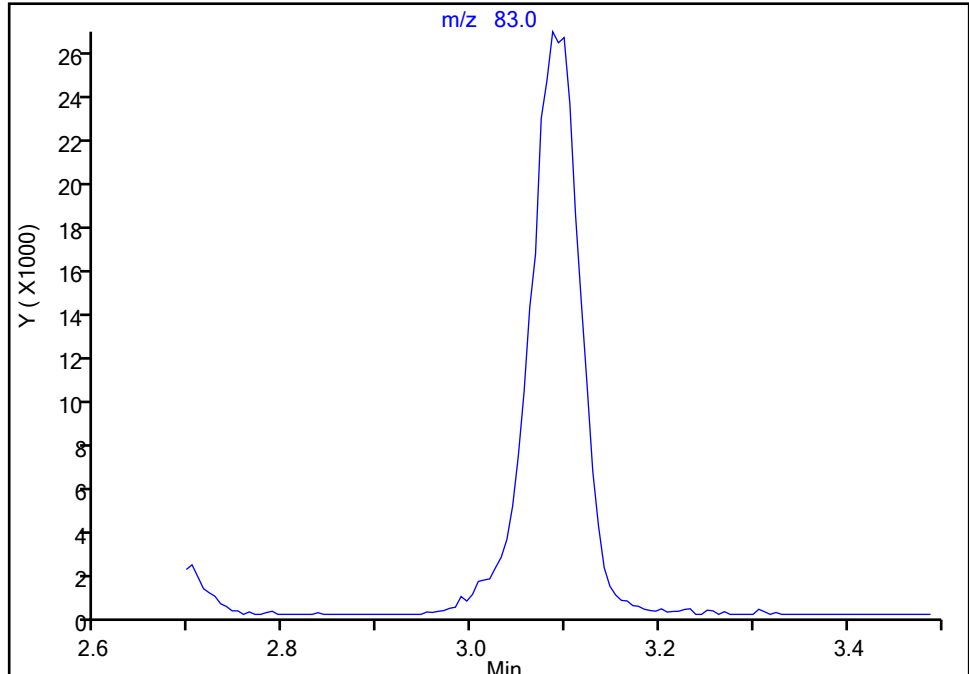
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

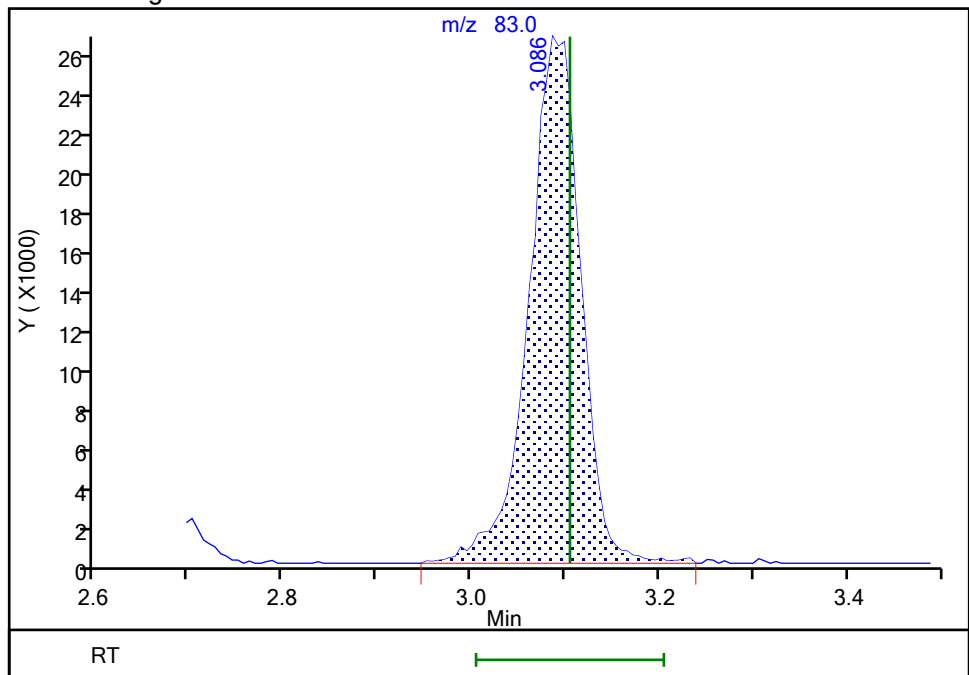
Not Detected

Expected RT: 3.10

Processing Integration Results



Manual Integration Results



RT: 3.09

Area: 100526

Amount: 19.708774

Amount Units: ug/l

Reviewer: baronm, 25-Feb-2022 19:34:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15585.D

Injection Date: 25-Feb-2022 15:28:30

Instrument ID: CVOAMS1

Lims ID: ICV

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

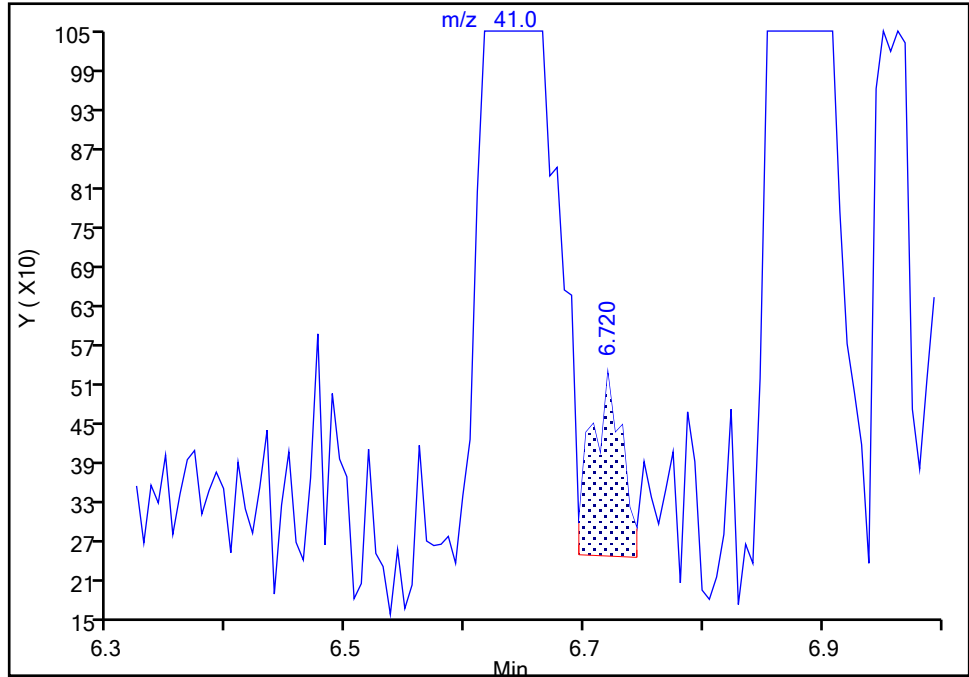
MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

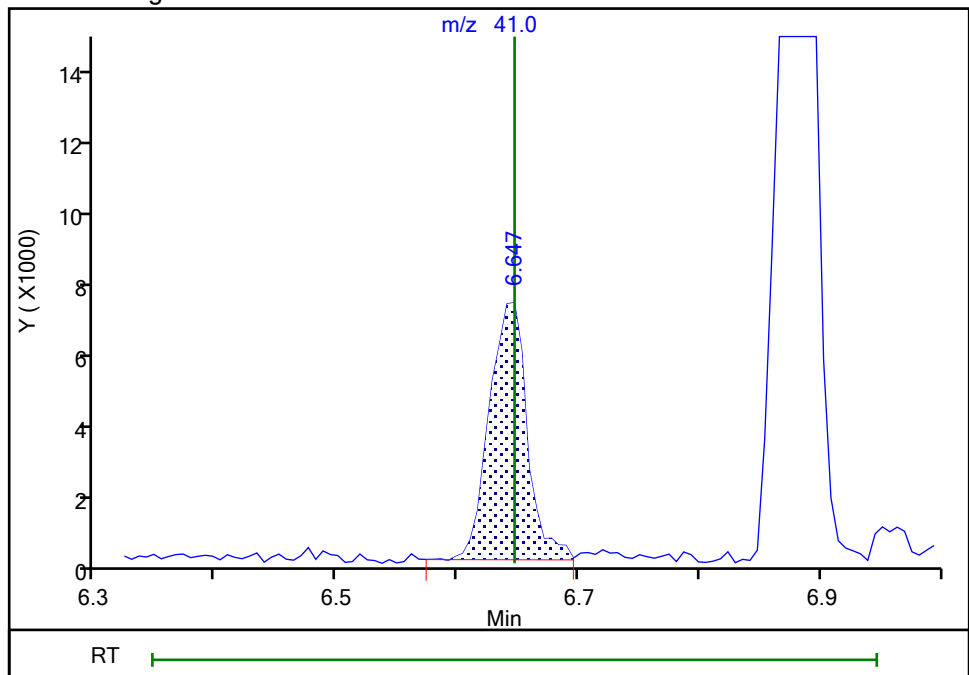
RT: 6.72
Area: 504
Amount: 1.105378
Amount Units: ug/l

Processing Integration Results



RT: 6.65
Area: 15265
Amount: 33.479359
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Feb-2022 19:34:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: CCVIS 460-830484/3 Calibration Date: 02/26/2022 06:43

Instrument ID: CVOAMS1 Calib Start Date: 02/25/2022 10:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 02/25/2022 13:09

Lab File ID: A15590.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1351	0.0698		10.3	20.0	-48.4*	20.0
Dichlorodifluoromethane	Ave	0.4927	0.2860	0.1000	11.6	20.0	-42.0*	20.0
Chlorodifluoromethane	Ave	0.4825	0.4006		16.6	20.0	-17.0	20.0
Chloromethane	Ave	0.6232	0.5593	0.1000	17.9	20.0	-10.3	20.0
Vinyl chloride	Ave	0.5846	0.5200	0.1000	17.8	20.0	-11.0	20.0
Butadiene	Ave	0.5866	0.4713		16.1	20.0	-19.7	20.0
Bromomethane	Ave	0.2906	0.3066	0.1000	21.1	20.0	5.5	50.0
Chloroethane	Ave	0.3243	0.3181	0.1000	19.6	20.0	-1.9	50.0
Dichlorofluoromethane	Ave	0.7341	0.7140		19.5	20.0	-2.7	20.0
Trichlorofluoromethane	Ave	0.4944	0.4250	0.1000	17.2	20.0	-14.0	20.0
Pentane	Ave	3.246	1.972		24.3	40.0	-39.3*	20.0
Ethanol	Ave	0.0900	0.0827		735	800	-8.1	50.0
Ethyl ether	Ave	0.3207	0.3024		18.9	20.0	-5.7	20.0
2-Methyl-1,3-butadiene	Ave	0.3515	0.3022		17.2	20.0	-14.0	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2860	0.2629		18.4	20.0	-8.1	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.5193	0.4814		18.5	20.0	-7.3	20.0
Acrolein	QuaF		1.977		43.6	40.6	7.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3174	0.2444	0.1000	15.4	20.0	-23.0*	20.0
1,1-Dichloroethene	Ave	0.3277	0.3005	0.1000	18.3	20.0	-8.3	20.0
Acetone	Ave	0.2959	0.2752	0.0500	93.0	100	-7.0	50.0
Iodomethane	Ave	0.5020	0.4786		19.1	20.0	-4.7	20.0
Isopropyl alcohol	Ave	0.8077	0.7817		194	200	-3.2	50.0
Carbon disulfide	Ave	1.330	1.225	0.1000	18.4	20.0	-7.9	50.0
3-Chloro-1-propene	Ave	0.2146	0.2091		19.5	20.0	-2.5	20.0
Methyl acetate	Ave	0.2750	0.2682	0.1000	39.0	40.0	-2.5	20.0
Cyclopentene	Ave	0.9548	0.8312		17.4	20.0	-12.9	20.0
Acetonitrile	QuaF		2.203		226	200	13.2	20.0
Methylene Chloride	Ave	0.4094	0.3885	0.1000	19.0	20.0	-5.1	20.0
2-Methyl-2-propanol	Ave	1.104	1.082		196	200	-2.0	50.0
Methyl tert-butyl ether	Ave	1.020	0.9706	0.1000	19.0	20.0	-4.8	20.0
trans-1,2-Dichloroethene	Ave	0.3585	0.3375	0.1000	18.8	20.0	-5.8	20.0
Acrylonitrile	Ave	0.1590	0.1490		187	200	-6.3	20.0
Hexane	Ave	0.4031	0.2527		12.5	20.0	-37.3*	20.0
Isopropyl ether	Ave	1.302	1.270		19.5	20.0	-2.5	20.0
1,1-Dichloroethane	Ave	0.7022	0.6750	0.2000	19.2	20.0	-3.9	20.0
Vinyl acetate	Ave	2.418	2.283		37.8	40.0	-5.6	20.0
2-Chloro-1,3-butadiene	Ave	0.3104	0.2920		18.8	20.0	-5.9	20.0
Tert-butyl ethyl ether	Ave	1.121	1.103		19.7	20.0	-1.6	20.0
2,2-Dichloropropane	Ave	0.1129	0.1034		18.3	20.0	-8.4	20.0
cis-1,2-Dichloroethene	Ave	0.3779	0.3613	0.1000	19.1	20.0	-4.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: CCVIS 460-830484/3 Calibration Date: 02/26/2022 06:43

Instrument ID: CVOAMS1 Calib Start Date: 02/25/2022 10:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 02/25/2022 13:09

Lab File ID: A15590.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
Ethyl acetate	Ave	0.2481	0.2587		41.7	40.0	4.3	20.0
2-Butanone (MEK)	Ave	0.3029	0.2995	0.0500	98.9	100	-1.1	50.0
Methyl acrylate	Ave	0.2822	0.2844		20.2	20.0	0.8	20.0
Propionitrile	Ave	2.813	2.321		165	200	-17.5	20.0
Tetrahydrofuran	Ave	0.3412	0.3471		40.7	40.0	1.7	20.0
Chlorobromomethane	Ave	0.1676	0.1653		19.7	20.0	-1.4	20.0
Methacrylonitrile	Ave	0.1525	0.1484		195	200	-2.7	20.0
Chloroform	Ave	0.5672	0.5510	0.2000	19.4	20.0	-2.8	20.0
Cyclohexane	Ave	0.7475	0.5866	0.1000	15.7	20.0	-21.5	50.0
1,1,1-Trichloroethane	Ave	0.4019	0.4175	0.1000	20.8	20.0	3.9	20.0
Carbon tetrachloride	Ave	0.2367	0.2630	0.1000	22.2	20.0	11.1	20.0
1,1-Dichloropropene	Ave	0.4892	0.4502		18.4	20.0	-8.0	20.0
Isobutyl alcohol	Ave	0.4905	0.4097		418	500	-16.5	50.0
Isooctane	Ave	1.118	0.7569		13.5	20.0	-32.3*	20.0
Benzene	Ave	2.041	1.980	0.5000	19.4	20.0	-3.0	20.0
Isopropyl acetate	QuaF		0.1430		19.6	20.0	-1.9	20.0
Tert-amyl methyl ether	Ave	0.2963	0.2980		20.1	20.0	0.6	20.0
1,2-Dichloroethane	Ave	0.4740	0.4343	0.1000	18.3	20.0	-8.4	20.0
n-Heptane	Ave	0.3353	0.2157		12.9	20.0	-35.7*	20.0
n-Butanol	Ave	0.3040	0.2386		392	500	-21.5	50.0
Trichloroethene	Ave	0.3298	0.3114	0.2000	18.9	20.0	-5.6	20.0
Ethyl acrylate	QuaF		0.0251		16.8	20.0	-16.1	20.0
Methylcyclohexane	Ave	0.6553	0.4803	0.1000	14.7	20.0	-26.7	50.0
1,2-Dichloropropane	Ave	0.4034	0.3702	0.1000	18.4	20.0	-8.2	20.0
Methyl methacrylate	QuaF		0.1917		34.8	40.0	-13.1	20.0
n-Propyl acetate	Ave	0.4511	0.4341		19.2	20.0	-3.8	20.0
1,4-Dioxane	Ave	1.231	1.303		423	400	5.9	50.0
Dibromomethane	Ave	0.1930	0.1883		19.5	20.0	-2.5	20.0
Bromodichloromethane	Ave	0.2943	0.3313	0.2000	22.5	20.0	12.6	20.0
2-Chloroethyl vinyl ether	Ave	0.2169	0.1978		18.3	20.0	-8.8	20.0
2-Nitropropane	Ave	0.0464	0.0352		30.3	40.0	-24.2*	20.0
Epichlorohydrin	Ave	0.2366	0.2483		420	400	5.0	20.0
cis-1,3-Dichloropropene	Ave	0.7007	0.7099	0.2000	20.3	20.0	1.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.404	2.564	0.0500	107	100	6.7	50.0
Toluene	Ave	1.975	1.903	0.4000	19.3	20.0	-3.7	20.0
Ethyl methacrylate	QuaF		0.3148		16.0	20.0	-20.2*	20.0
trans-1,3-Dichloropropene	Ave	0.6041	0.6129	0.1000	20.3	20.0	1.5	50.0
1,1,2-Trichloroethane	Ave	0.3338	0.3166	0.1000	19.0	20.0	-5.2	20.0
Tetrachloroethene	Ave	0.3874	0.3710	0.2000	19.2	20.0	-4.2	20.0
1,3-Dichloropropane	Ave	0.7224	0.6905		19.1	20.0	-4.4	20.0
2-Hexanone	Ave	0.8292	0.8500	0.0500	103	100	2.5	50.0
n-Butyl acetate	Qua2		0.0997		22.2	20.0	10.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Lab Sample ID: CCVIS 460-830484/3 Calibration Date: 02/26/2022 06:43

Instrument ID: CVOAMS1 Calib Start Date: 02/25/2022 10:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 02/25/2022 13:09

Lab File ID: A15590.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
Chlorodibromomethane	Qua2		0.2519	0.1000	23.1	20.0	15.6	50.0
Ethylene Dibromide	Ave	0.3442	0.3562	0.1000	20.7	20.0	3.5	20.0
Chlorobenzene	Ave	1.160	1.147	0.5000	19.8	20.0	-1.1	20.0
Ethylbenzene	Ave	0.6846	0.6410	0.1000	18.7	20.0	-6.4	20.0
1,1,1,2-Tetrachloroethane	Qua2		0.3111		23.2	20.0	16.2	20.0
m-Xylene & p-Xylene	Ave	0.8130	0.7758	0.1000	19.1	20.0	-4.6	20.0
n-Butyl acrylate	QuaF		0.2280		17.3	20.0	-13.5	20.0
o-Xylene	Ave	0.8214	0.8335	0.3000	20.3	20.0	1.5	20.0
Styrene	Ave	1.246	1.248	0.3000	20.0	20.0	0.1	20.0
Amyl acetate (mixed isomers)	QuaF		1.249		17.3	20.0	-13.5	20.0
Bromoform	Qua2		0.1383	0.1000	23.5	20.0	17.4	20.0
Isopropylbenzene	Ave	2.083	2.105	0.1000	20.2	20.0	1.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9855	0.9901	0.3000	20.1	20.0	0.5	20.0
Bromobenzene	Ave	0.8702	0.8256		19.0	20.0	-5.1	20.0
N-Propylbenzene	Ave	4.908	4.899		20.0	20.0	-0.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2529	0.2654		21.0	20.0	4.9	20.0
1,2,3-Trichloropropane	Ave	0.2912	0.2737		18.8	20.0	-6.0	20.0
4-Ethyltoluene	Ave	3.900	3.905		20.0	20.0	0.1	20.0
2-Chlorotoluene	Ave	3.756	3.646		19.4	20.0	-2.9	20.0
1,3,5-Trimethylbenzene	Ave	3.478	3.378		19.4	20.0	-2.9	20.0
Butyl Methacrylate	QuaF		0.6314		13.0	20.0	-35.1*	20.0
4-Chlorotoluene	Ave	2.964	2.879		19.4	20.0	-2.9	20.0
tert-Butylbenzene	Ave	2.789	2.663		19.1	20.0	-4.5	20.0
1,2,4-Trimethylbenzene	Ave	3.438	3.453		20.1	20.0	0.4	20.0
sec-Butylbenzene	Ave	0.8516	0.8023		18.8	20.0	-5.8	20.0
4-Isopropyltoluene	Ave	3.584	3.531		19.7	20.0	-1.5	20.0
1,3-Dichlorobenzene	Ave	1.767	1.682	0.6000	19.0	20.0	-4.8	20.0
1,2,3-Trimethylbenzene	Ave	3.710	3.704		20.0	20.0	-0.2	20.0
1,4-Dichlorobenzene	Ave	1.804	1.731	0.5000	19.2	20.0	-4.1	20.0
Benzyl chloride	QuaF		1.459		15.8	20.0	-20.9	50.0
Indan	Ave	3.689	3.680		20.0	20.0	-0.2	20.0
p-Diethylbenzene	Ave	2.118	2.046		19.3	20.0	-3.4	20.0
n-Butylbenzene	Ave	2.167	2.007		18.5	20.0	-7.4	20.0
1,2-Dichlorobenzene	Ave	1.771	1.691	0.4000	19.1	20.0	-4.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.393	3.340		19.7	20.0	-1.6	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1351	0.0500	16.4	20.0	-18.1	50.0
1,3,5-Trichlorobenzene	Ave	1.343	1.240		18.5	20.0	-7.7	20.0
1,2,4-Trichlorobenzene	Ave	1.233	1.084	0.2000	17.6	20.0	-12.0	20.0
Hexachlorobutadiene	Ave	0.4847	0.4681		19.3	20.0	-3.4	20.0
Naphthalene	Ave	3.062	2.658		17.4	20.0	-13.2	50.0
1,2,3-Trichlorobenzene	Ave	1.086	0.9379		17.3	20.0	-13.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2579	0.2751		53.3	50.0	6.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Lab Sample ID: CCVIS 460-830484/3 Calibration Date: 02/26/2022 06:43
Instrument ID: CVOAMS1 Calib Start Date: 02/25/2022 10:49
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 02/25/2022 13:09
Lab File ID: A15590.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	0.3882	0.3641		46.9	50.0	-6.2	20.0
Toluene-d8 (Surr)	Ave	1.660	1.635		49.2	50.0	-1.5	20.0
4-Bromofluorobenzene	Ave	0.4164	0.4106		49.3	50.0	-1.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15590.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 26-Feb-2022 06:43:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0141938-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 07:04:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.648	1.648	0.000	49	14401	20.0	10.3	a
4 Dichlorodifluoromethane	85	1.690	1.690	0.000	71	59036	20.0	11.6	
165 Chlorodifluoromethane	51	1.715	1.715	0.000	79	82692	20.0	16.6	
6 Chloromethane	50	1.910	1.910	0.000	89	115440	20.0	17.9	
7 Vinyl chloride	62	2.020	2.020	0.000	98	107334	20.0	17.8	
172 Butadiene	39	2.032	2.032	0.000	98	97277	20.0	16.1	
9 Bromomethane	94	2.391	2.391	0.000	97	63283	20.0	21.1	
10 Chloroethane	64	2.477	2.477	0.000	96	65662	20.0	19.6	
174 Dichlorofluoromethane	67	2.702	2.702	0.000	90	147373	20.0	19.5	
12 Trichlorofluoromethane	101	2.708	2.708	0.000	48	87721	20.0	17.2	
13 Pentane	72	2.739	2.739	0.000	97	18977	40.0	24.3	
14 Ethanol	46	2.952	2.952	0.000	78	15917	800.0	734.8	
15 Ethyl ether	59	2.965	2.965	0.000	91	62417	20.0	18.9	
16 2-Methyl-1,3-butadiene	53	2.989	2.989	0.000	89	62380	20.0	17.2	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.044	3.044	0.000	93	54273	20.0	18.4	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.105	3.105	0.000	91	99378	20.0	18.5	a
19 Acrolein	56	3.160	3.160	0.000	87	19296	40.6	43.6	
20 1,1,2,2-TCTFE	101	3.184	3.184	0.000	66	50442	20.0	15.4	
21 1,1-Dichloroethene	96	3.202	3.202	0.000	87	62037	20.0	18.3	
22 Acetone	58	3.300	3.300	0.000	79	36764	100.0	93.0	
23 Iodomethane	142	3.373	3.373	0.000	98	98793	20.0	19.1	
24 Isopropyl alcohol	45	3.397	3.397	0.000	33	37615	200.0	193.5	
25 Carbon disulfide	76	3.410	3.410	0.000	100	252827	20.0	18.4	
161 3-Chloro-1-propene	76	3.550	3.550	0.000	23	43161	20.0	19.5	
27 Methyl acetate	43	3.556	3.556	0.000	95	110723	40.0	39.0	
166 Cyclopentene	67	3.568	3.568	0.000	79	171571	20.0	17.4	
29 Acetonitrile	41	3.617	3.617	0.000	95	105990	200.0	226.5	
* 30 TBA-d9 (IS)	65	3.672	3.672	0.000	60	240611	1000.0	1000.0	
31 Methylene Chloride	84	3.684	3.684	0.000	93	80189	20.0	19.0	
32 2-Methyl-2-propanol	59	3.739	3.739	0.000	8	52071	200.0	196.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.848	3.848	0.000	96	200352	20.0	19.0	
34 trans-1,2-Dichloroethene	96	3.867	3.867	0.000	82	69669	20.0	18.8	
35 Acrylonitrile	53	3.946	3.946	0.000	93	307575	200.0	187.5	
36 Hexane	43	4.019	4.019	0.000	94	52156	20.0	12.5	
37 Isopropyl ether	45	4.220	4.220	0.000	95	262089	20.0	19.5	
38 1,1-Dichloroethane	63	4.257	4.257	0.000	66	139325	20.0	19.2	
39 Vinyl acetate	86	4.263	4.263	0.000	100	21977	40.0	37.8	
40 2-Chloro-1,3-butadiene	88	4.294	4.294	0.000	89	60266	20.0	18.8	
41 Tert-butyl ethyl ether	59	4.507	4.507	0.000	88	227744	20.0	19.7	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	90	334015	250.0	250.0	
43 2,2-Dichloropropane	97	4.714	4.714	0.000	57	21352	20.0	18.3	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	58	74581	20.0	19.1	
46 Ethyl acetate	70	4.726	4.726	0.000	90	13828	40.0	41.7	
45 2-Butanone (MEK)	72	4.732	4.732	0.000	96	40020	100.0	98.9	
47 Methyl acrylate	55	4.775	4.775	0.000	92	58705	20.0	20.2	
48 Propionitrile	54	4.848	4.848	0.000	37	111684	200.0	165.0	
49 Tetrahydrofuran	72	4.909	4.909	0.000	50	18551	40.0	40.7	
50 Chlorobromomethane	128	4.915	4.915	0.000	54	34126	20.0	19.7	
51 Methacrylonitrile	67	4.934	4.934	0.000	93	306336	200.0	194.6	
52 Chloroform	83	4.952	4.952	0.000	88	113739	20.0	19.4	
53 Cyclohexane	56	5.074	5.074	0.000	85	121089	20.0	15.7	
54 1,1,1-Trichloroethane	97	5.080	5.080	0.000	58	86180	20.0	20.8	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.080	0.000	96	141961	50.0	53.3	
56 Carbon tetrachloride	117	5.177	5.177	0.000	88	54289	20.0	22.2	
57 1,1-Dichloropropene	75	5.196	5.196	0.000	93	92930	20.0	18.4	
58 Isobutyl alcohol	43	5.269	5.269	0.000	52	49288	500.0	417.6	
59 Isooctane	57	5.324	5.324	0.000	56	156233	20.0	13.5	
60 Benzene	78	5.360	5.360	0.000	85	282499	20.0	19.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	81	187887	50.0	46.9	
62 Isopropyl acetate	61	5.379	5.379	0.000	90	29516	20.0	19.6	
63 Tert-amyl methyl ether	87	5.397	5.397	0.000	92	61510	20.0	20.1	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	90	89639	20.0	18.3	
65 n-Heptane	71	5.458	5.458	0.000	94	44522	20.0	12.9	
* 66 Fluorobenzene	96	5.586	5.586	0.000	98	516042	50.0	50.0	
67 n-Butanol	56	5.787	5.787	0.000	88	28705	500.0	392.4	
68 Trichloroethene	95	5.866	5.866	0.000	91	64273	20.0	18.9	
69 Ethyl acrylate	99	5.946	5.946	0.000	23	5178	20.0	16.8	
70 Methylcyclohexane	83	5.988	5.988	0.000	94	99150	20.0	14.7	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	85	76413	20.0	18.4	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	92	28111	1000.0	1000.0	
72 Methyl methacrylate	69	6.159	6.159	0.000	89	79121	40.0	34.8	
74 n-Propyl acetate	43	6.196	6.196	0.000	99	89611	20.0	19.2	
75 1,4-Dioxane	88	6.202	6.202	0.000	28	14647	400.0	423.4	
76 Dibromomethane	93	6.238	6.238	0.000	93	38865	20.0	19.5	
77 Dichlorobromomethane	83	6.360	6.360	0.000	95	68394	20.0	22.5	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	92	40920	20.0	18.3	
79 2-Nitropropane	41	6.641	6.641	0.000	82	14521	40.0	30.3	
80 Epichlorohydrin	57	6.726	6.726	0.000	86	132701	400.0	419.8	
81 cis-1,3-Dichloropropene	75	6.769	6.769	0.000	89	101292	20.0	20.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.878	0.000	84	342593	100.0	106.7	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	98	583037	50.0	49.2	
84 Toluene	91	7.012	7.012	0.000	93	271503	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.226	7.226	0.000	72	64982	20.0	16.0	
86 trans-1,3-Dichloropropene	75	7.232	7.232	0.000	94	87452	20.0	20.3	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	82	45168	20.0	19.0	
88 Tetrachloroethene	166	7.415	7.415	0.000	91	52935	20.0	19.2	
89 1,3-Dichloropropane	76	7.500	7.500	0.000	95	98521	20.0	19.1	
90 2-Hexanone	58	7.518	7.518	0.000	95	113563	100.0	102.5	
91 n-Butyl acetate	73	7.567	7.567	0.000	99	14220	20.0	22.2	
92 Chlorodibromomethane	129	7.640	7.640	0.000	96	35940	20.0	23.1	
93 Ethylene Dibromide	107	7.738	7.738	0.000	96	50823	20.0	20.7	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	82	356704	50.0	50.0	
95 Chlorobenzene	112	8.037	8.037	0.000	89	163592	20.0	19.8	
96 Ethylbenzene	106	8.079	8.079	0.000	98	91465	20.0	18.7	
97 1,1,1,2-Tetrachloroethane	131	8.092	8.092	0.000	89	44386	20.0	23.2	
98 m-Xylene & p-Xylene	106	8.153	8.153	0.000	98	110696	20.0	19.1	
99 n-Butyl acrylate	73	8.348	8.348	0.000	89	32533	20.0	17.3	
100 o-Xylene	106	8.402	8.402	0.000	92	118921	20.0	20.3	
101 Styrene	104	8.415	8.415	0.000	91	178013	20.0	20.0	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	91	94348	20.0	17.3	
103 Bromoform	173	8.555	8.555	0.000	74	19733	20.0	23.5	
104 Isopropylbenzene	105	8.604	8.604	0.000	96	300287	20.0	20.2	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	87	146446	50.0	49.3	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	87	74798	20.0	20.1	
107 Bromobenzene	156	8.823	8.823	0.000	96	62370	20.0	19.0	
108 N-Propylbenzene	91	8.835	8.835	0.000	98	370137	20.0	20.0	
109 trans-1,4-Dichloro-2-butene	53	8.848	8.848	0.000	65	20049	20.0	21.0	
110 1,2,3-Trichloropropane	110	8.854	8.854	0.000	92	20679	20.0	18.8	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	295033	20.0	20.0	
112 2-Chlorotoluene	91	8.908	8.908	0.000	78	275434	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	73	255206	20.0	19.4	
114 Butyl Methacrylate	87	8.957	8.957	0.000	92	47701	20.0	13.0	
115 4-Chlorotoluene	91	8.976	8.976	0.000	99	217498	20.0	19.4	
116 tert-Butylbenzene	119	9.110	9.110	0.000	54	201190	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	98	260894	20.0	20.1	
118 sec-Butylbenzene	134	9.238	9.238	0.000	99	60616	20.0	18.8	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	84	266744	20.0	19.7	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	79	127070	20.0	19.0	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	96	188872	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	72	130775	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	98	279860	20.0	20.0	
124 Benzyl chloride	91	9.482	9.482	0.000	98	110193	20.0	15.8	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	11	278000	20.0	20.0	
164 p-Diethylbenzene	119	9.536	9.536	0.000	70	154546	20.0	19.3	
127 n-Butylbenzene	92	9.555	9.555	0.000	98	151625	20.0	18.5	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	93	127778	20.0	19.1	
163 1,2,4,5-Tetramethylbenzene	119	10.055	10.055	0.000	0	252321	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	10.164	10.164	0.000	85	10205	20.0	16.4	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	95	93714	20.0	18.5	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	89	81908	20.0	17.6	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	93	35365	20.0	19.3	
134 Naphthalene	128	11.036	11.036	0.000	99	200807	20.0	17.4	
135 1,2,3-Trichlorobenzene	180	11.262	11.262	0.000	92	70854	20.0	17.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 137 Xylenes, Total 100 0 40.0 39.4

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00137	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00150	Amount Added: 20.00	Units: uL	
GASES Li_00464	Amount Added: 20.00	Units: uL	
524freon_00049	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15590.D

Injection Date: 26-Feb-2022 06:43:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

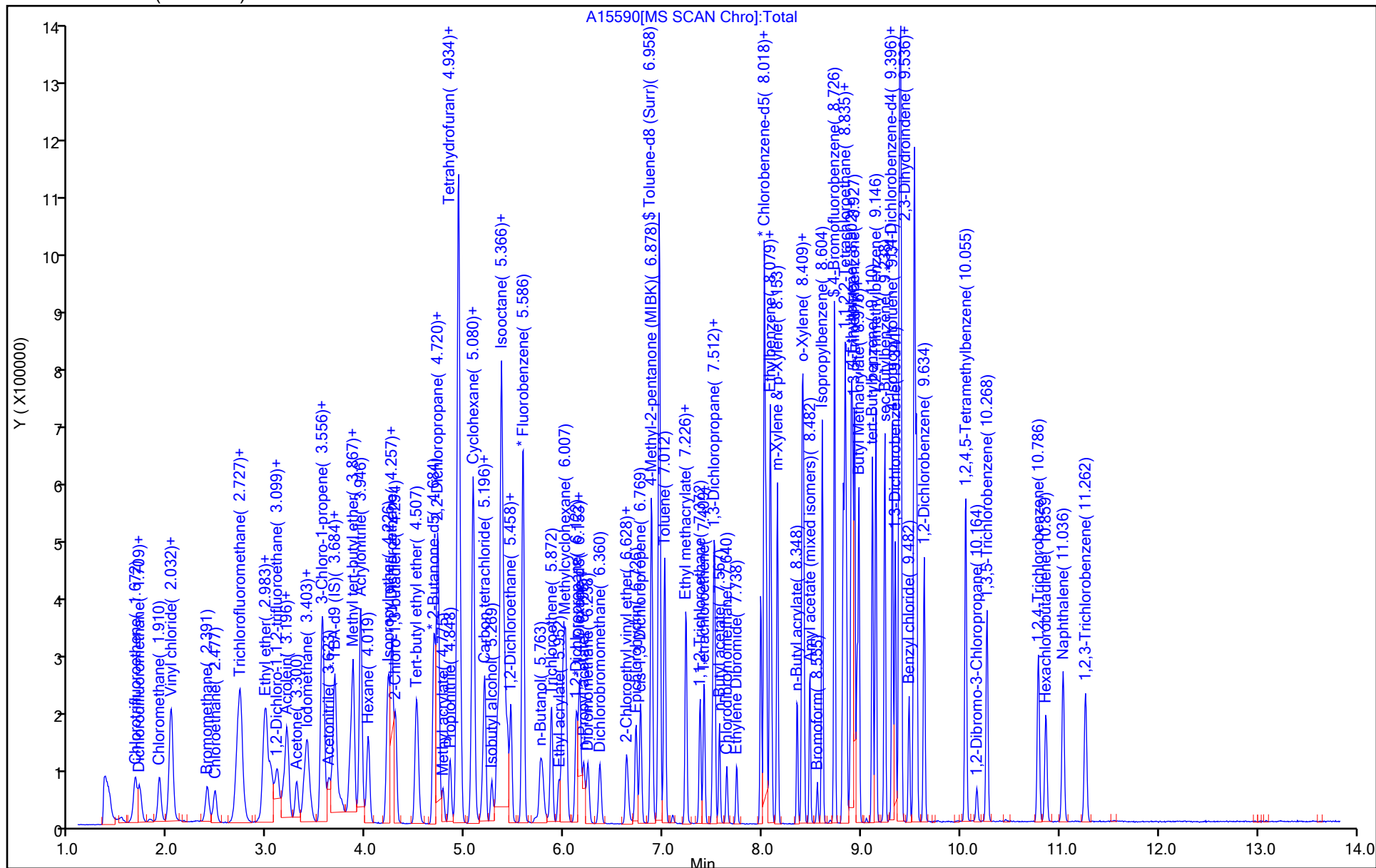
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15590.D

Injection Date: 26-Feb-2022 06:43:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

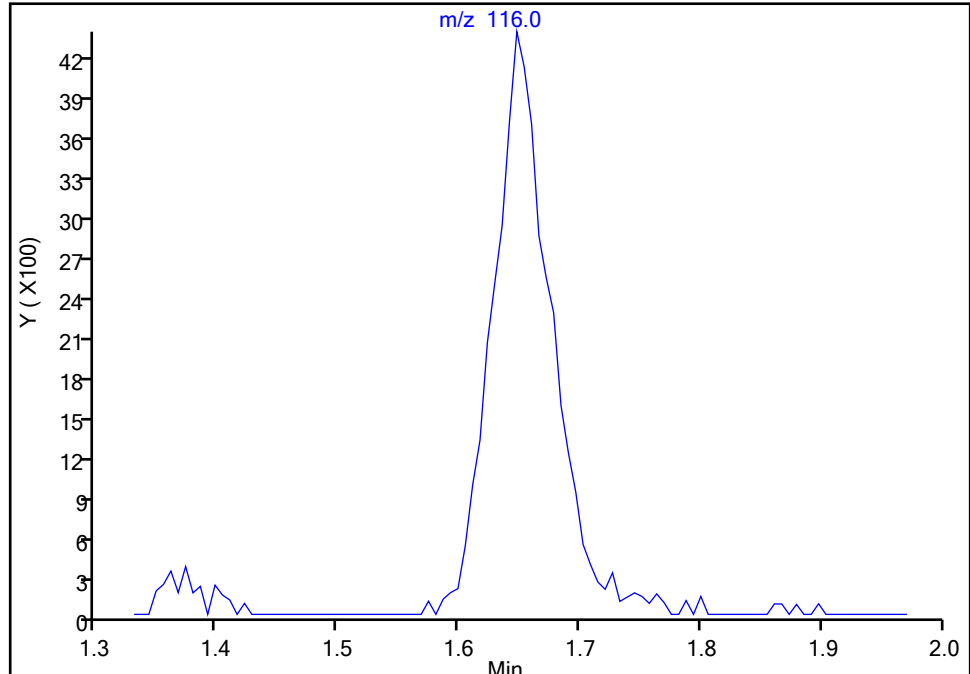
170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

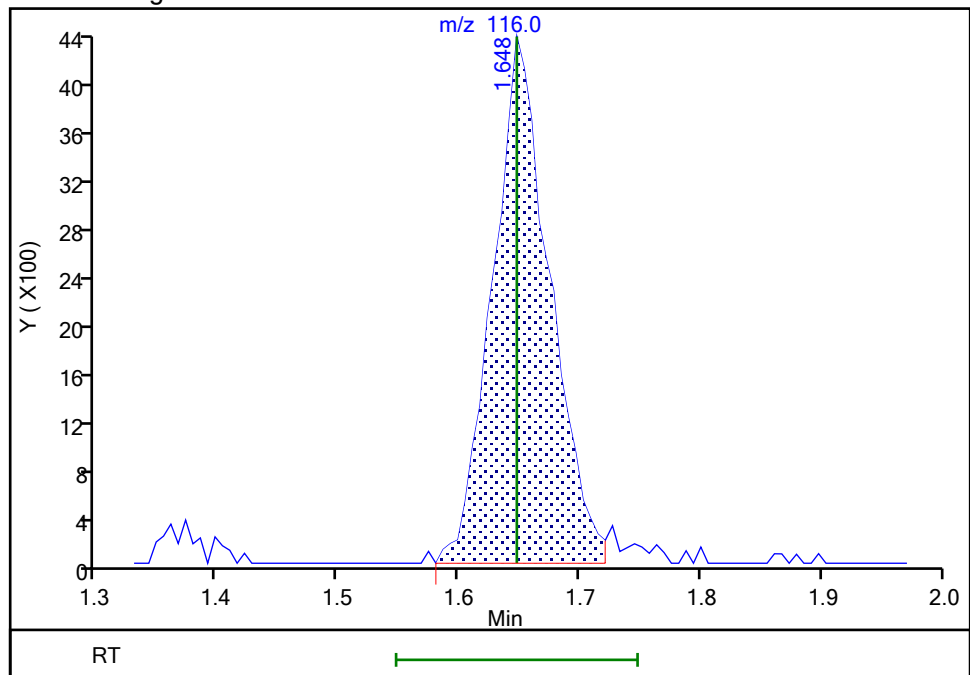
Not Detected

Expected RT: 1.65

Processing Integration Results



Manual Integration Results



Reviewer: desais, 26-Feb-2022 07:03:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

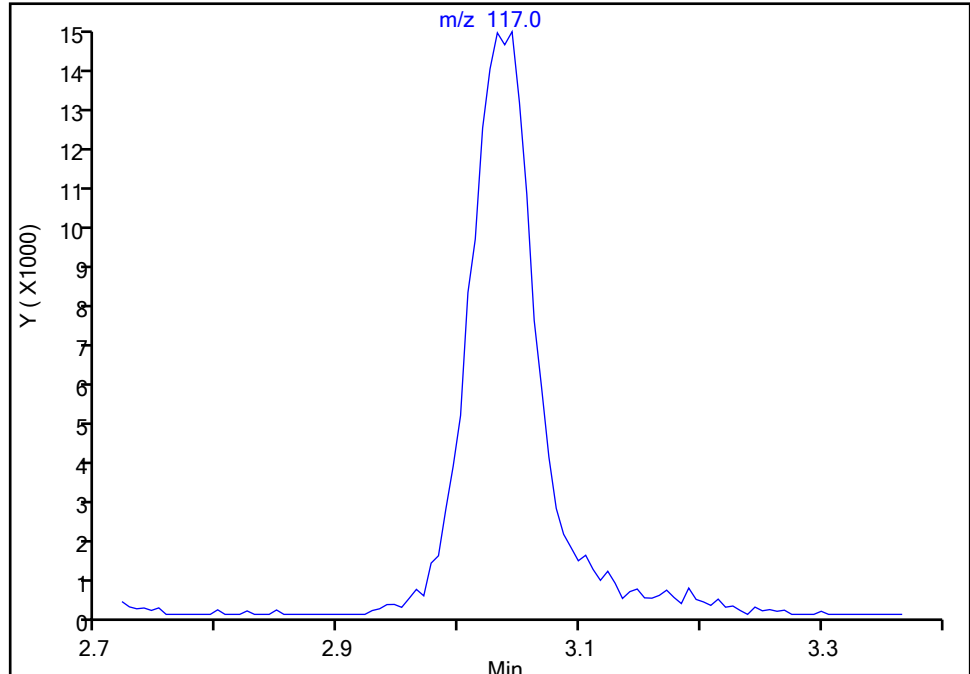
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15590.D
Injection Date: 26-Feb-2022 06:43:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

167 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4
Signal: 1

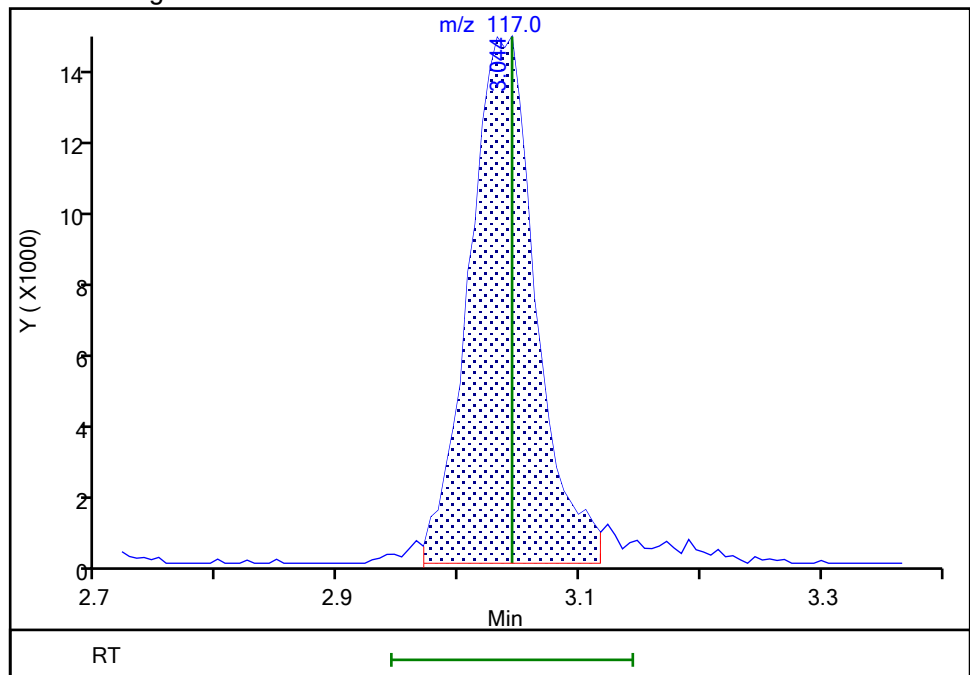
Not Detected
Expected RT: 3.04

Processing Integration Results



RT: 3.04
Area: 54273
Amount: 18.383840
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 26-Feb-2022 07:04:03
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
Page 819 of 897

03/21/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15590.D

Injection Date: 26-Feb-2022 06:43:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

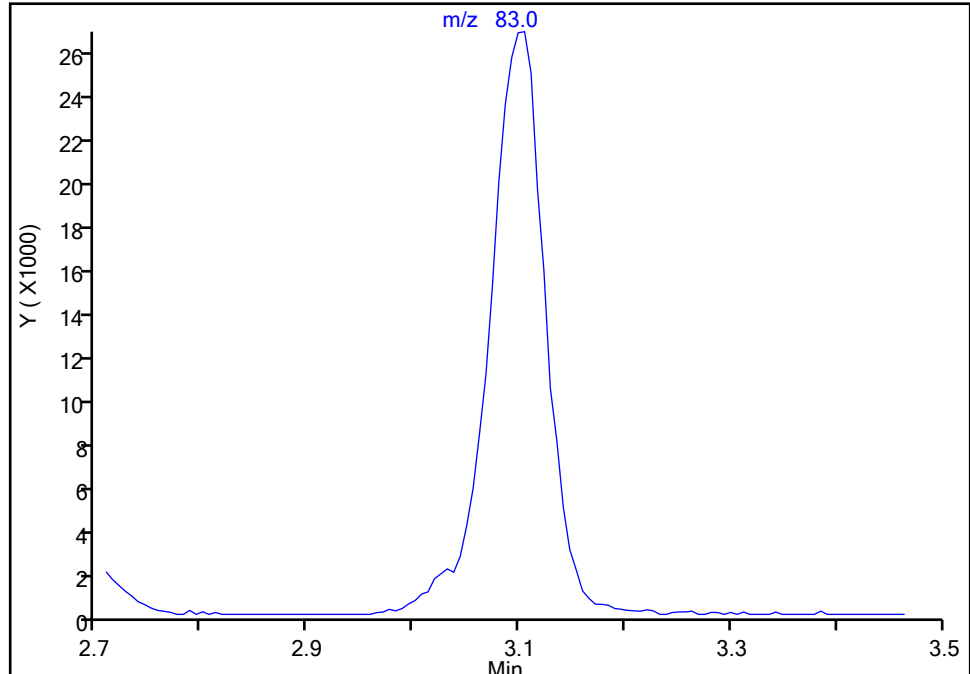
171 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

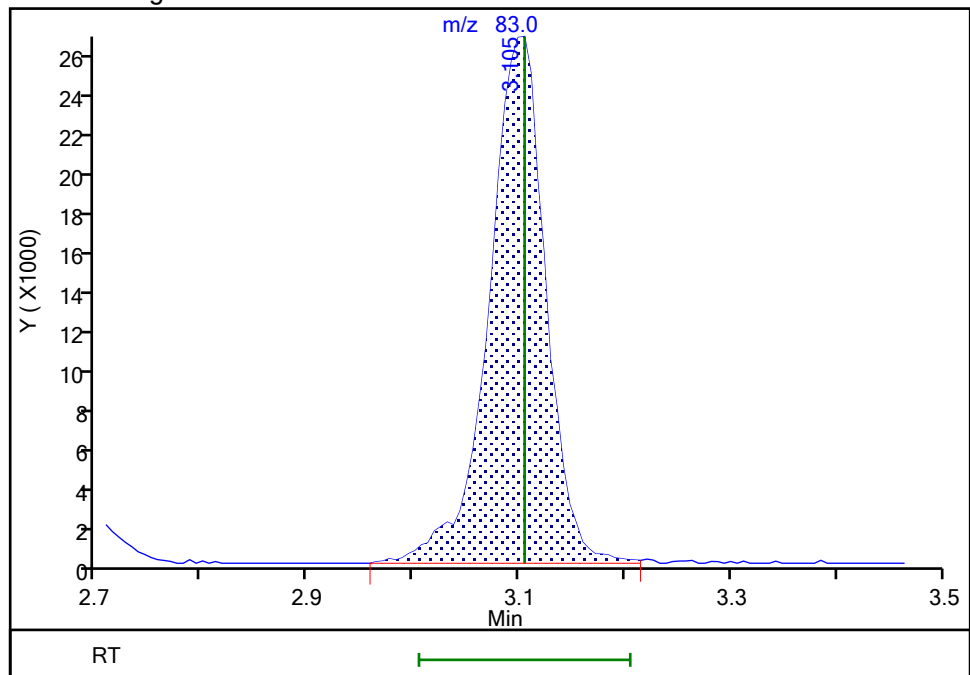
Not Detected

Expected RT: 3.10

Processing Integration Results



Manual Integration Results



RT: 3.10
Area: 99378
Amount: 18.542934
Amount Units: ug/l

Reviewer: desais, 26-Feb-2022 07:04:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13127.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 23-Dec-2021 15:17:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0139544-001
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 23-Dec-2021 19:37:59 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1665

First Level Reviewer: martineze

Date: 23-Dec-2021 15:24:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 140 BFB	95	2.957	2.957	0.000	0	47251	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00030

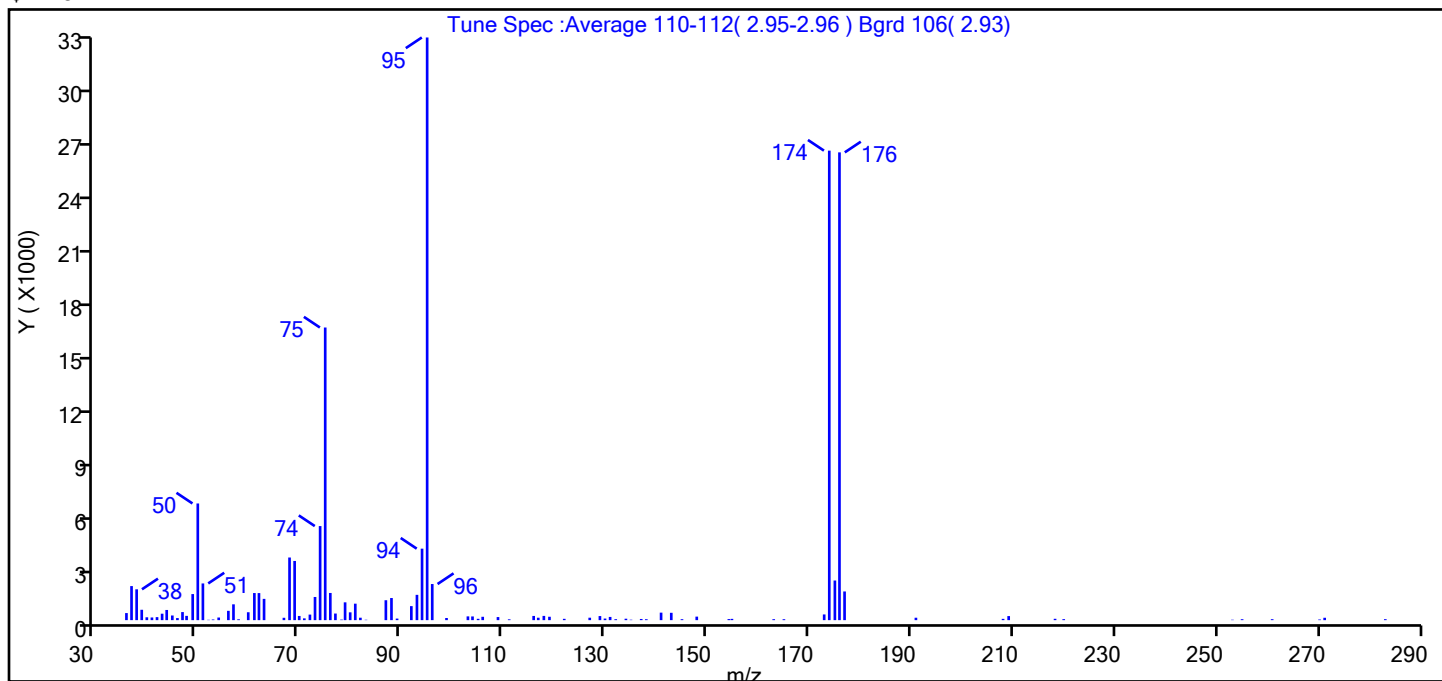
Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13127.D
Injection Date: 23-Dec-2021 15:17:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

\$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.0
75	30 to 60% of m/z 95	50.2
96	5 to 9% of m/z 95	6.2
173	Less than 2% of m/z 174	1.0 (1.2)
174	50 to 120% of m/z 95	80.6
175	5 to 9% of m/z 174	6.8 (8.4)
176	Greater than 95% but less than 101% of m/z 174	80.3 (99.6)
177	5 to 9% of m/z 176	4.9 (6.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13127.D\8260624W_1.rslt\spectra.d
Injection Date: 23-Dec-2021 15:17:30
Spectrum: Tune Spec :Average 110-112(2.95-2.96) Bgrd 106(2.93)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	392	62.00	1500	94.00	3962	141.00	416
37.00	1888	63.00	1179	95.00	32296	143.00	407
38.00	1709	67.00	131	96.00	2002	145.00	52
39.00	575	68.00	3472	99.00	119	148.00	195
40.00	158	69.00	3280	103.00	209	154.00	59
41.00	148	70.00	232	104.00	205	155.00	71
42.00	167	71.00	99	105.00	74	163.00	53
43.00	357	72.00	308	106.00	186	165.00	51
44.00	564	73.00	1284	109.00	171	173.00	316
45.00	258	74.00	5214	111.00	46	174.00	26024
46.00	115	75.00	16220	116.00	233	175.00	2197
47.00	447	76.00	1506	117.00	134	176.00	25928
48.00	237	77.00	366	118.00	235	177.00	1590
49.00	1445	78.00	30	119.00	188	191.00	134
50.00	6467	79.00	987	122.00	73	208.00	71
51.00	2034	80.00	433	127.00	135	209.00	225
52.00	19	81.00	913	129.00	227	218.00	75
53.00	37	82.00	135	130.00	88	220.00	55
54.00	145	83.00	21	131.00	178	253.00	23
56.00	516	87.00	1104	132.00	53	255.00	51
57.00	877	88.00	1226	134.00	79	261.00	52
58.00	47	89.00	86	135.00	24	270.00	37
60.00	438	92.00	777	137.00	65	271.00	132
61.00	1502	93.00	1402	138.00	51	283.00	53

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13127.D

Injection Date: 23-Dec-2021 15:17:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

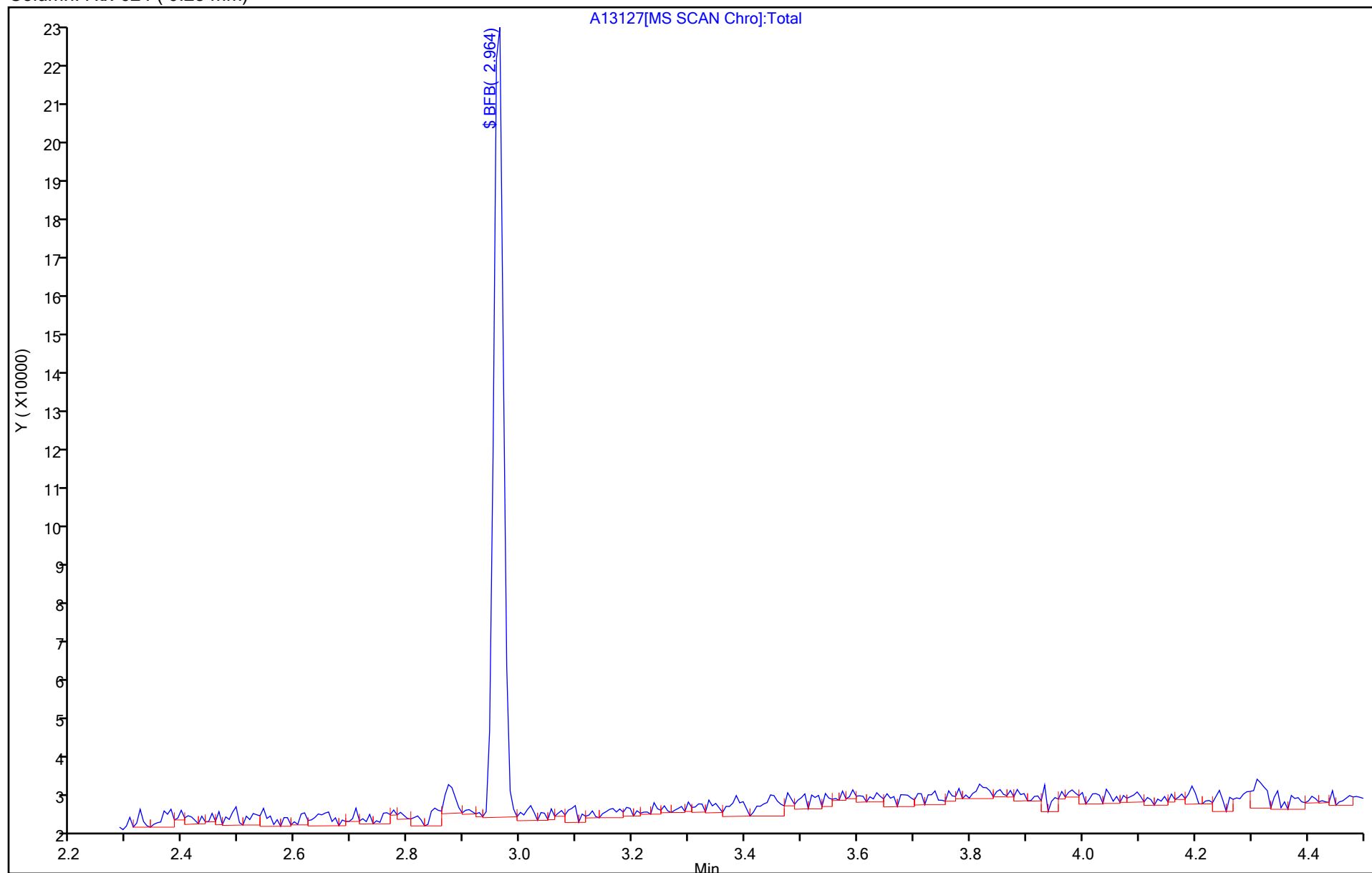
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15571.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 25-Feb-2022 10:10:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0141906-001
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 25-Feb-2022 20:21:00 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: desais

Date: 25-Feb-2022 10:24:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 140 BFB	95	2.951	2.951	0.000	0	48158	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00031

Amount Added: 1.00

Units: uL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15571.D

Injection Date: 25-Feb-2022 10:10:30

Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 mL

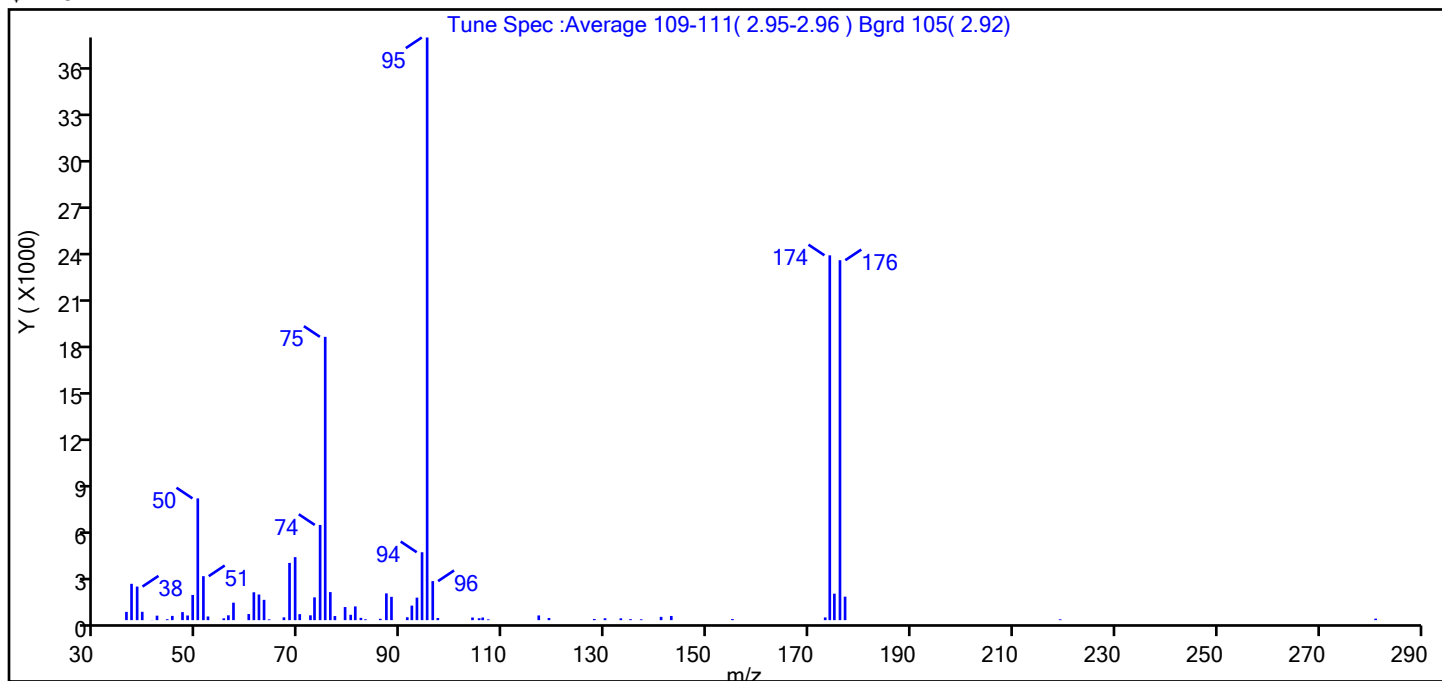
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.9
75	30 to 60% of m/z 95	48.6
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.5 (0.7)
174	50 to 120% of m/z 95	62.6
175	5 to 9% of m/z 174	4.5 (7.3)
176	Greater than 95% but less than 101% of m/z 174	61.8 (98.7)
177	5 to 9% of m/z 176	4.0 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15571.D\8260624W_1.rslt\spectra.d
Injection Date: 25-Feb-2022 10:10:30
Spectrum: Tune Spec :Average 109-111(2.95-2.96) Bgrd 105(2.92)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	528	60.00	389	81.00	876	117.00	301
37.00	2318	61.00	1777	82.00	147	119.00	138
38.00	2141	62.00	1634	83.00	54	128.00	75
39.00	532	63.00	1294	86.00	87	130.00	119
41.00	9	64.00	50	87.00	1707	133.00	117
42.00	286	67.00	178	88.00	1486	135.00	63
44.00	61	68.00	3652	91.00	184	137.00	53
45.00	271	69.00	4019	92.00	926	141.00	209
47.00	512	70.00	383	93.00	1436	143.00	267
48.00	297	72.00	308	94.00	4332	155.00	67
49.00	1607	73.00	1454	95.00	37168	173.00	174
50.00	7767	74.00	6073	96.00	2489	174.00	23272
51.00	2804	75.00	18072	97.00	138	175.00	1689
52.00	234	76.00	1789	104.00	169	176.00	22960
55.00	116	77.00	261	105.00	122	177.00	1499
56.00	308	79.00	836	106.00	167	219.00	51
57.00	1114	80.00	340	107.00	51	281.00	95

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15571.D

Injection Date: 25-Feb-2022 10:10:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

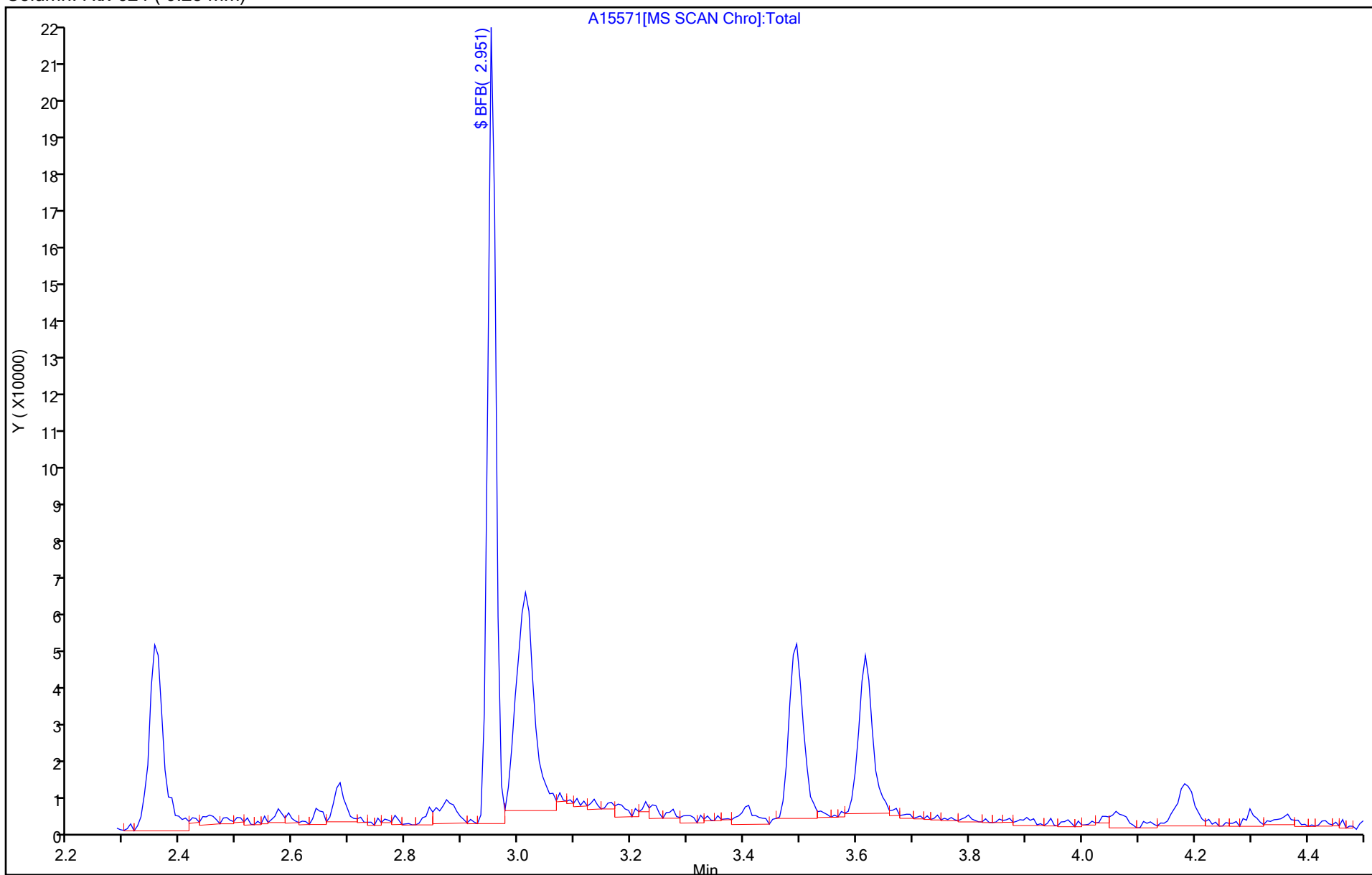
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-829917/8

Matrix: Water Lab File ID: A15490.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 02/23/2022 21:13

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.: 829917 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-829917/8
Matrix: Water Lab File ID: A15490.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 02/23/2022 21:13
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.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		75-123
2037-26-5	Toluene-d8 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15490.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 23-Feb-2022 21:13:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0141811-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 09:57:01 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1639

First Level Reviewer: parekhv

Date: 23-Feb-2022 21:56:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.678	3.678	0.000	0	237801	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	75	302115	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.086	0.000	96	131114	50.0	52.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.372	5.373	-0.001	0	168186	50.0	57.1	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	442551	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	1	24512	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	0	470723	50.0	53.8	
* 94 Chlorobenzene-d5	117	8.030	8.024	0.006	85	317180	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	93	155392	50.0	53.0	
* 121 1,4-Dichlorobenzene-d4	152	9.390	9.390	0.000	95	187807	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00224

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15490.D

Injection Date: 23-Feb-2022 21:13:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

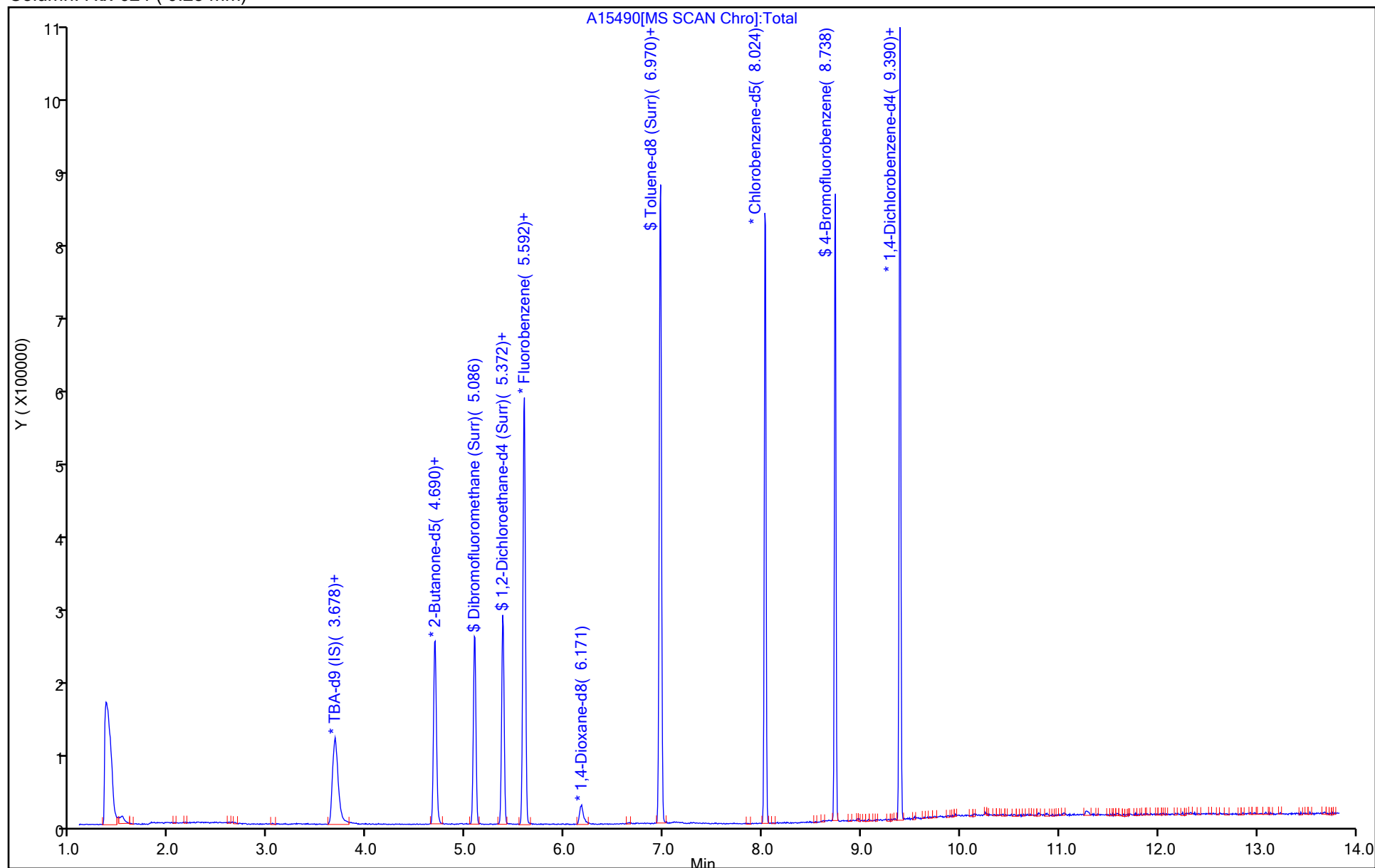
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15490.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 23-Feb-2022 21:13:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0141811-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 09:57:01 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1639

First Level Reviewer: parekhv

Date: 23-Feb-2022 21:56:07

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.5	104.97
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.1	114.19
\$ 83 Toluene-d8 (Surr)	50.0	53.8	107.66
\$ 105 4-Bromofluorobenzene	50.0	53.0	106.03

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15490.D

Injection Date: 23-Feb-2022 21:13:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

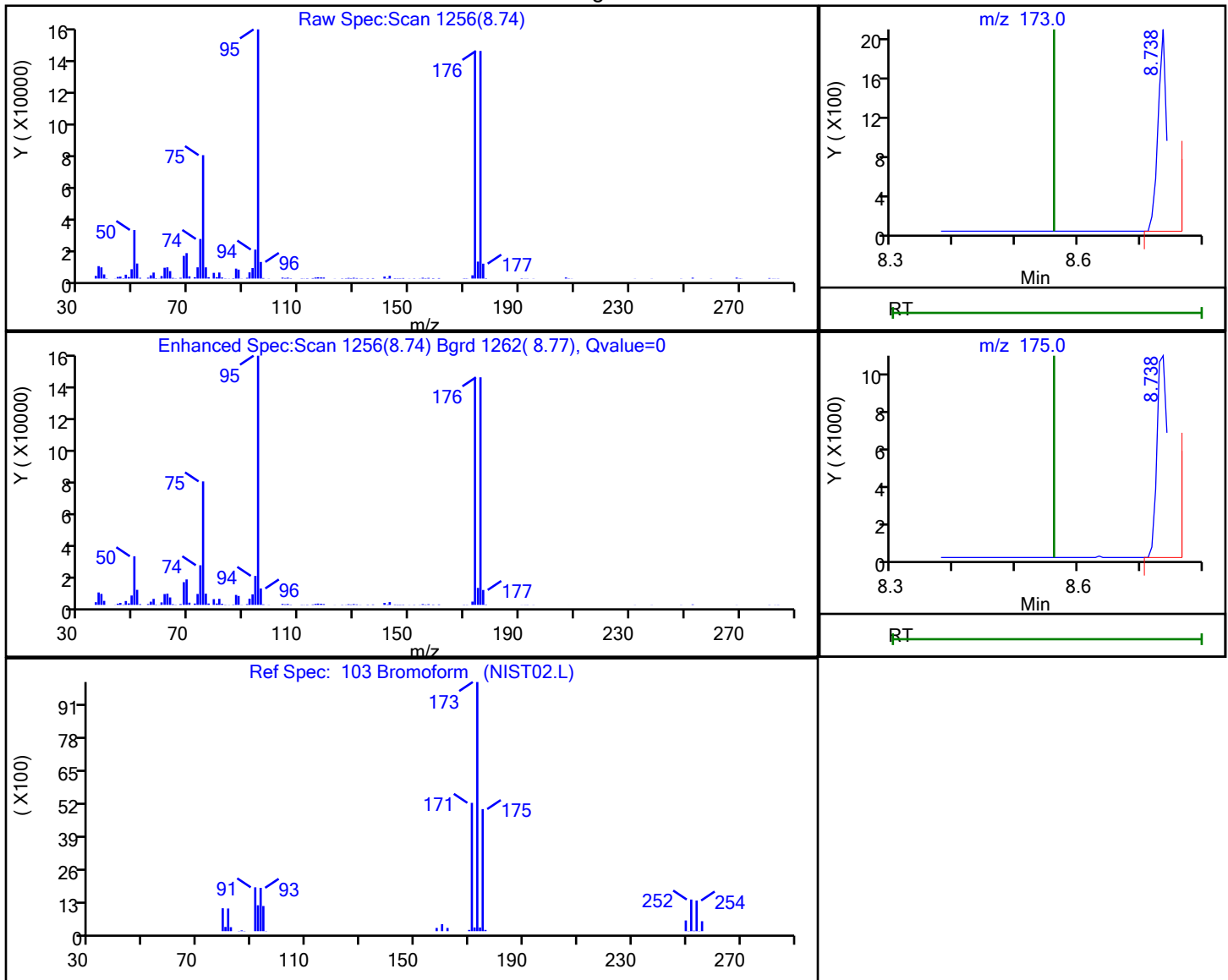
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.74	173.00	2025	1.353435
8.74	175.00	12400	

Reviewer: parekhv, 23-Feb-2022 21:55:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-830484/8

Matrix: Water Lab File ID: A15595.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 08:38

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.: 830484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-830484/8
Matrix: Water Lab File ID: A15595.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 08:38
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.: 830484 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
2037-26-5	Toluene-d8 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15595.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 26-Feb-2022 08:38:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0141938-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 10:15:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.678	3.672	0.006	8	267172	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.677	4.684	-0.007	77	338728	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.080	0.000	0	137040	50.0	55.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	9	182361	50.0	49.0	
* 66 Fluorobenzene	96	5.580	5.586	-0.006	98	479433	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.159	6.153	0.006	1	28571	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.957	6.958	-0.001	99	536179	50.0	50.5	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	89	319745	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.731	8.732	-0.001	87	136974	50.0	51.4	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	97	173550	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00224

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15595.D

Injection Date: 26-Feb-2022 08:38:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

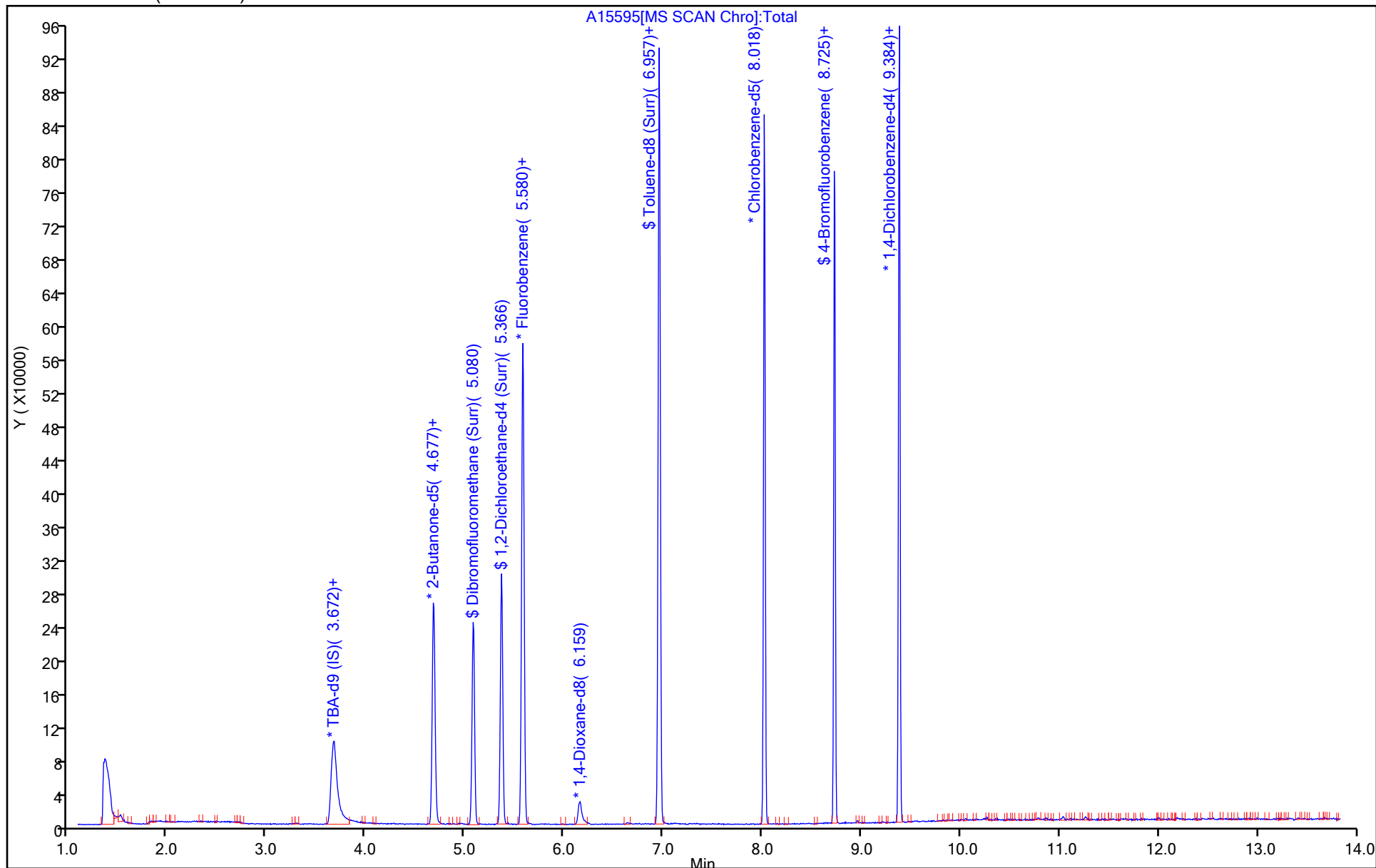
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15595.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 26-Feb-2022 08:38:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0141938-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 10:15:51

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	55.4	110.85
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.0	97.99
\$ 83 Toluene-d8 (Surr)	50.0	50.5	101.02
\$ 105 4-Bromofluorobenzene	50.0	51.4	102.89

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15595.D

Injection Date: 26-Feb-2022 08:38:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260D Water and Solid

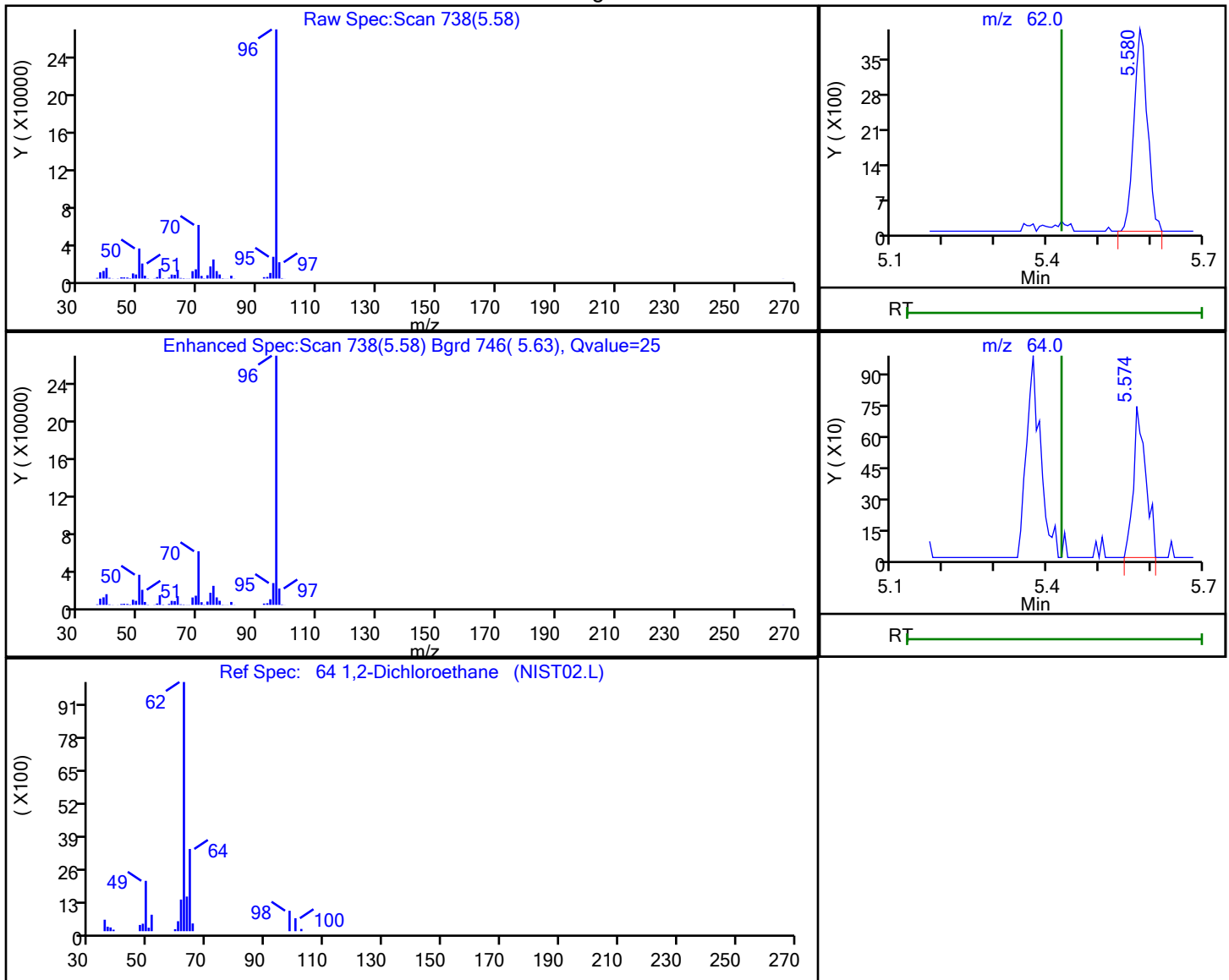
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.58	62.00	7339	1.614602
5.57	64.00	1231	

Reviewer: desais, 26-Feb-2022 10:15:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-829917/4

Matrix: Water Lab File ID: A15486.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 02/23/2022 19:41

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.: 829917 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.0		1.0	0.40
74-83-9	Bromomethane	14.6		1.0	0.55
75-01-4	Vinyl chloride	17.3		1.0	0.17
75-00-3	Chloroethane	17.0		1.0	0.32
75-09-2	Methylene Chloride	22.5		1.0	0.32
67-64-1	Acetone	92.3		5.0	4.4
75-15-0	Carbon disulfide	20.8		1.0	0.82
75-35-4	1,1-Dichloroethene	18.1		1.0	0.26
75-34-3	1,1-Dichloroethane	22.8		1.0	0.26
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.22
67-66-3	Chloroform	21.4		1.0	0.33
107-06-2	1,2-Dichloroethane	22.8		1.0	0.43
78-93-3	2-Butanone (MEK)	84.0		5.0	1.9
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.24
56-23-5	Carbon tetrachloride	16.9		1.0	0.21
75-27-4	Bromodichloromethane	22.2		1.0	0.34
78-87-5	1,2-Dichloropropane	23.6		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	22.0		1.0	0.22
79-01-6	Trichloroethene	19.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.7		1.0	0.20
71-43-2	Benzene	22.4		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	22.0		1.0	0.22
75-25-2	Bromoform	20.7		1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
591-78-6	2-Hexanone	93.7		5.0	1.1
127-18-4	Tetrachloroethene	18.5		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	23.0		1.0	0.37
108-88-3	Toluene	21.1		1.0	0.38
108-90-7	Chlorobenzene	20.7		1.0	0.38
100-41-4	Ethylbenzene	19.5		1.0	0.30
100-42-5	Styrene	20.5		1.0	0.42
1330-20-7	Xylenes, Total	39.6		2.0	0.65
74-97-5	Chlorobromomethane	19.2		1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-829917/4
Matrix: Water Lab File ID: A15486.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 02/23/2022 19:41
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.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		75-123
2037-26-5	Toluene-d8 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15486.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 23-Feb-2022 19:41:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0141811-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 09:57:01 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1639

First Level Reviewer: parekhv

Date: 23-Feb-2022 20:25:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.660	1.648	0.012	74	15000	20.0	16.2	a
4 Dichlorodifluoromethane	85	1.696	1.690	0.006	59	65115	20.0	16.1	
165 Chlorodifluoromethane	51	1.715	1.715	0.000	78	62162	20.0	22.5	
6 Chloromethane	50	1.916	1.910	0.006	89	83614	20.0	20.0	
7 Vinyl chloride	62	2.026	2.020	0.006	81	74570	20.0	17.3	
172 Butadiene	39	2.038	2.026	0.012	95	81665	20.0	17.3	
9 Bromomethane	94	2.404	2.397	0.007	98	48326	20.0	14.6	
10 Chloroethane	64	2.483	2.477	0.006	97	47063	20.0	17.0	
174 Dichlorofluoromethane	67	2.714	2.702	0.012	98	108993	20.0	19.7	a
12 Trichlorofluoromethane	101	2.708	2.708	0.000	53	78235	20.0	15.3	
13 Pentane	72	2.745	2.733	0.012	97	16802	40.0	27.8	
15 Ethyl ether	59	2.964	2.964	0.000	87	51356	20.0	25.0	
14 Ethanol	46	2.952	2.971	-0.019	85	13401	800.0	769.1	
16 2-Methyl-1,3-butadiene	53	2.995	2.995	0.000	81	47301	20.0	19.5	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.044	3.038	0.006	91	43172	20.0	18.4	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.111	3.099	0.012	94	77464	20.0	20.2	a
19 Acrolein	56	3.166	3.166	0.000	66	15226	40.6	48.9	
20 112TCTFE	101	3.184	3.190	-0.006	92	44361	20.0	15.0	
21 1,1-Dichloroethene	96	3.214	3.208	0.006	86	48671	20.0	18.1	
22 Acetone	58	3.300	3.300	0.000	73	30338	100.0	92.3	
23 Iodomethane	142	3.385	3.379	0.006	96	91058	20.0	18.8	
24 Isopropyl alcohol	45	3.397	3.403	-0.006	1	44546	200.0	233.8	
25 Carbon disulfide	76	3.416	3.409	0.007	99	189274	20.0	20.8	
161 3-Chloro-1-propene	76	3.556	3.550	0.006	21	31276	20.0	19.1	
27 Methyl acetate	43	3.568	3.556	0.012	97	103384	40.0	56.9	
166 Cyclopentene	67	3.574	3.574	0.000	65	128131	20.0	20.5	
29 Acetonitrile	41	3.629	3.623	0.006	96	79890	200.0	265.5	a
* 30 TBA-d9 (IS)	65	3.684	3.678	0.006	53	265682	1000.0	1000.0	
31 Methylene Chloride	84	3.696	3.690	0.006	80	63642	20.0	22.5	
32 2-Methyl-2-propanol	59	3.751	3.745	0.006	8	58523	200.0	201.5	
33 Methyl tert-butyl ether	73	3.854	3.848	0.006	95	168629	20.0	23.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.879	3.873	0.006	82	55446	20.0	20.5	
35 Acrylonitrile	53	3.952	3.946	0.006	94	265252	200.0	288.5	
36 Hexane	43	4.031	4.025	0.006	95	49481	20.0	20.8	
37 Isopropyl ether	45	4.226	4.226	0.000	97	218722	20.0	26.5	
38 1,1-Dichloroethane	63	4.263	4.263	0.000	56	105365	20.0	22.8	
39 Vinyl acetate	86	4.275	4.263	0.012	100	23835	40.0	35.0	
40 2-Chloro-1,3-butadiene	88	4.306	4.300	0.006	90	45892	20.0	19.1	
41 Tert-butyl ethyl ether	59	4.519	4.513	0.006	89	181491	20.0	24.2	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	87	337851	250.0	250.0	
43 2,2-Dichloropropane	97	4.720	4.714	0.006	58	18054	20.0	20.3	
44 cis-1,2-Dichloroethene	96	4.732	4.726	0.006	44	59392	20.0	19.2	
46 Ethyl acetate	70	4.732	4.732	0.000	91	11625	40.0	30.7	
45 2-Butanone (MEK)	72	4.738	4.738	0.000	95	34804	100.0	84.0	
47 Methyl acrylate	55	4.781	4.781	0.000	92	55962	20.0	24.5	
48 Propionitrile	54	4.854	4.848	0.006	37	94488	200.0	237.4	
49 Tetrahydrofuran	72	4.921	4.915	0.006	36	15888	40.0	35.5	
50 Chlorobromomethane	128	4.921	4.921	0.000	61	29719	20.0	19.2	
51 Methacrylonitrile	67	4.940	4.940	0.000	95	255845	200.0	247.2	
52 Chloroform	83	4.958	4.958	0.000	74	98097	20.0	21.4	
53 Cyclohexane	56	5.080	5.080	0.000	84	96797	20.0	19.4	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.086	0.006	97	135947	50.0	51.7	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	58	80374	20.0	18.5	
56 Carbon tetrachloride	117	5.190	5.184	0.006	87	63558	20.0	16.9	
57 1,1-Dichloropropene	75	5.208	5.202	0.006	93	70245	20.0	19.7	
58 Isobutyl alcohol	43	5.275	5.269	0.006	76	68994	500.0	538.3	
59 Isooctane	57	5.336	5.336	0.000	55	125878	20.0	12.7	
60 Benzene	78	5.366	5.366	0.000	85	221874	20.0	22.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.373	0.006	69	173150	50.0	55.8	
62 Isopropyl acetate	61	5.385	5.385	0.000	56	25554	20.0	27.1	
63 Tert-amyl methyl ether	87	5.403	5.397	0.006	58	51756	20.0	21.3	
64 1,2-Dichloroethane	62	5.433	5.433	0.000	91	77471	20.0	22.8	
65 n-Heptane	71	5.470	5.464	0.006	96	40280	20.0	17.1	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	466264	50.0	50.0	
67 n-Butanol	56	5.799	5.793	0.006	91	40882	500.0	518.0	
68 Trichloroethene	95	5.878	5.879	-0.001	93	52303	20.0	19.4	
69 Ethyl acrylate	99	5.952	5.958	-0.006	26	5034	20.0	18.4	
70 Methylcyclohexane	83	5.994	5.994	0.000	90	81834	20.0	15.8	
71 1,2-Dichloropropane	63	6.134	6.135	-0.001	80	58757	20.0	23.6	
72 Methyl methacrylate	69	6.165	6.165	0.000	85	74179	40.0	47.3	
* 73 1,4-Dioxane-d8	96	6.171	6.165	0.006	92	28707	1000.0	1000.0	
74 n-Propyl acetate	43	6.208	6.202	0.006	98	90405	20.0	26.8	
75 1,4-Dioxane	88	6.214	6.214	0.000	28	13992	400.0	437.3	
76 Dibromomethane	93	6.250	6.250	0.000	95	35203	20.0	21.0	
77 Dichlorobromomethane	83	6.372	6.372	0.000	96	69702	20.0	22.2	
78 2-Chloroethyl vinyl ether	63	6.640	6.634	0.006	85	34134	20.0	22.6	
79 2-Nitropropane	41	6.653	6.653	0.000	89	26773	40.0	36.7	
80 Epichlorohydrin	57	6.732	6.732	0.000	81	118874	400.0	381.2	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	92	85104	20.0	22.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.890	6.891	-0.001	98	322545	100.0	103.9	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	99	508524	50.0	54.2	
84 Toluene	91	7.025	7.025	0.000	94	217072	20.0	21.1	
85 Ethyl methacrylate	69	7.238	7.232	0.006	73	64668	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	87	78407	20.0	22.0	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	80	38953	20.0	21.7	
88 Tetrachloroethene	166	7.421	7.421	0.000	90	51361	20.0	18.5	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	94	81432	20.0	23.2	
90 2-Hexanone	58	7.524	7.525	-0.001	96	99607	100.0	93.7	
91 n-Butyl acetate	73	7.573	7.573	0.000	97	14055	20.0	21.6	
92 Chlorodibromomethane	129	7.646	7.646	0.000	96	47003	20.0	20.1	
93 Ethylene Dibromide	107	7.750	7.750	0.000	99	45659	20.0	20.7	
* 94 Chlorobenzene-d5	117	8.030	8.024	0.006	85	340012	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	90	137089	20.0	20.7	
96 Ethylbenzene	106	8.085	8.085	0.000	99	75690	20.0	19.5	
97 1,1,1,2-Tetrachloroethane	131	8.098	8.098	0.000	83	52923	20.0	19.3	
98 m-Xylene & p-Xylene	106	8.158	8.159	-0.001	98	91938	20.0	19.6	
99 n-Butyl acrylate	73	8.360	8.360	0.000	95	36168	20.0	21.1	
100 o-Xylene	106	8.408	8.409	0.000	92	95612	20.0	20.0	
101 Styrene	104	8.427	8.421	0.006	94	152996	20.0	20.5	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	88	110672	20.0	25.2	
103 Bromoform	173	8.561	8.561	0.000	75	33201	20.0	20.7	
104 Isopropylbenzene	105	8.610	8.610	0.000	96	254472	20.0	21.3	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	91	167648	50.0	53.4	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.817	0.006	70	68677	20.0	23.0	
107 Bromobenzene	156	8.829	8.829	0.000	90	63565	20.0	20.0	
108 N-Propylbenzene	91	8.847	8.841	0.006	98	304400	20.0	22.2	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.854	0.006	71	17562	20.0	25.8	
110 1,2,3-Trichloropropane	110	8.860	8.860	0.000	61	19776	20.0	21.4	
169 4-Ethyltoluene	105	8.908	8.902	0.006	0	241151	20.0	20.8	
112 2-Chlorotoluene	91	8.921	8.921	0.000	78	230685	20.0	21.8	
113 1,3,5-Trimethylbenzene	105	8.939	8.939	0.000	71	221742	20.0	21.1	
114 Butyl Methacrylate	87	8.963	8.963	0.000	96	57678	20.0	15.9	
115 4-Chlorotoluene	91	8.981	8.982	-0.001	98	185784	20.0	22.4	
116 tert-Butylbenzene	119	9.122	9.122	0.000	82	175189	20.0	19.7	
117 1,2,4-Trimethylbenzene	105	9.152	9.152	0.000	98	223287	20.0	21.3	
118 sec-Butylbenzene	134	9.244	9.244	0.000	99	56413	20.0	16.6	
119 4-Isopropyltoluene	119	9.323	9.323	0.000	82	230710	20.0	18.9	
120 1,3-Dichlorobenzene	146	9.353	9.353	0.000	81	127063	20.0	20.9	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.390	0.006	95	204024	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.408	9.408	0.000	74	127894	20.0	20.2	
123 1,2,3-Trimethylbenzene	105	9.408	9.408	0.000	98	245086	20.0	21.4	
124 Benzyl chloride	91	9.494	9.488	0.006	91	120738	20.0	21.9	
162 2,3-Dihydroindene	117	9.542	9.542	0.000	27	249729	20.0	21.2	
164 p-Diethylbenzene	119	9.548	9.549	-0.001	73	136555	20.0	19.3	
127 n-Butylbenzene	92	9.567	9.567	0.000	98	128021	20.0	19.9	
128 1,2-Dichlorobenzene	146	9.646	9.646	0.000	96	129299	20.0	21.4	
163 1,2,4,5-Tetramethylbenzene	119	10.067	10.067	0.000	0	228109	20.0	19.6	
130 1,2-Dibromo-3-Chloropropane	157	10.182	10.176	0.006	93	15081	20.0	20.0	
131 1,3,5-Trichlorobenzene	180	10.280	10.280	0.000	97	108689	20.0	20.2	
132 1,2,4-Trichlorobenzene	180	10.804	10.798	0.006	89	101690	20.0	20.7	
133 Hexachlorobutadiene	225	10.877	10.878	-0.001	94	45291	20.0	18.0	
134 Naphthalene	128	11.054	11.048	0.006	99	227678	20.0	21.5	
135 1,2,3-Trichlorobenzene	180	11.280	11.280	0.000	94	91387	20.0	20.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 137 Xylenes, Total	100				0		40.0	39.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524freon_00048	Amount Added: 20.00	Units: uL	
ACROLEIN W_00136	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00150	Amount Added: 20.00	Units: uL	
GASES Li_00464	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15486.D

Injection Date: 23-Feb-2022 19:41:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

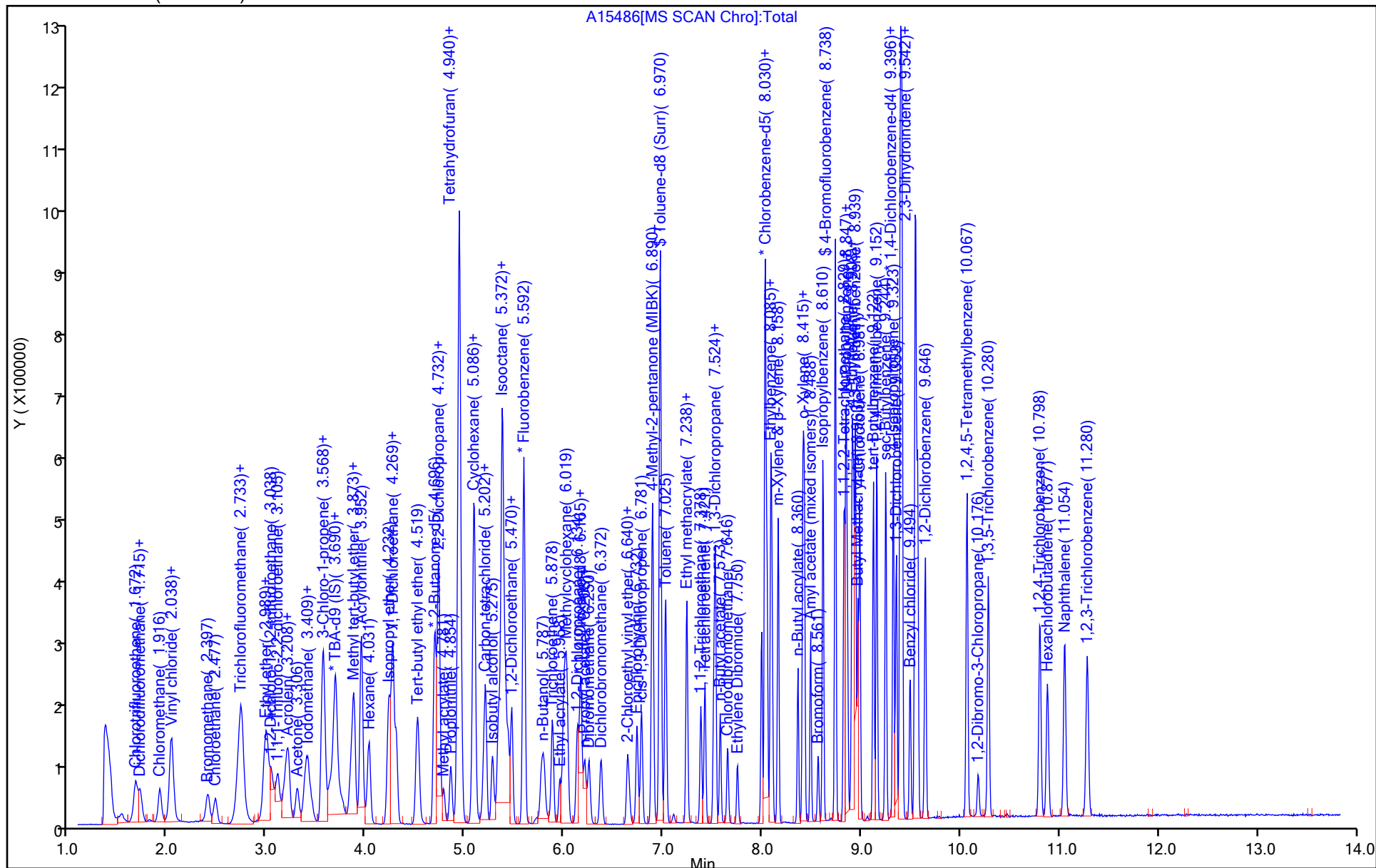
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15486.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 23-Feb-2022 19:41:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0141811-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 09:57:01 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1639

First Level Reviewer: parekhv

Date: 23-Feb-2022 20:25:42

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	51.7	103.31
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	55.8	111.59
\$ 83 Toluene-d8 (Surr)	50.0	54.2	108.50
\$ 105 4-Bromofluorobenzene	50.0	53.4	106.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-830484/4

Matrix: Water Lab File ID: A15591.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 07:06

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.: 830484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.0		1.0	0.40
74-83-9	Bromomethane	20.8		1.0	0.55
75-01-4	Vinyl chloride	18.1		1.0	0.17
75-00-3	Chloroethane	19.2		1.0	0.32
75-09-2	Methylene Chloride	19.0		1.0	0.32
67-64-1	Acetone	94.5		5.0	4.4
75-15-0	Carbon disulfide	18.7		1.0	0.82
75-35-4	1,1-Dichloroethene	18.8		1.0	0.26
75-34-3	1,1-Dichloroethane	19.3		1.0	0.26
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.24
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.22
67-66-3	Chloroform	19.7		1.0	0.33
107-06-2	1,2-Dichloroethane	18.7		1.0	0.43
78-93-3	2-Butanone (MEK)	100		5.0	1.9
71-55-6	1,1,1-Trichloroethane	21.7		1.0	0.24
56-23-5	Carbon tetrachloride	23.9		1.0	0.21
75-27-4	Bromodichloromethane	23.9		1.0	0.34
78-87-5	1,2-Dichloropropane	18.4		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	21.2		1.0	0.22
79-01-6	Trichloroethene	18.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.20
71-43-2	Benzene	20.1		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	21.5		1.0	0.22
75-25-2	Bromoform	24.4		1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
591-78-6	2-Hexanone	103		5.0	1.1
127-18-4	Tetrachloroethene	19.8		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.37
108-88-3	Toluene	19.8		1.0	0.38
108-90-7	Chlorobenzene	20.0		1.0	0.38
100-41-4	Ethylbenzene	19.8		1.0	0.30
100-42-5	Styrene	20.9		1.0	0.42
1330-20-7	Xylenes, Total	40.6		2.0	0.65
74-97-5	Chlorobromomethane	20.4		1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-830484/4
Matrix: Water Lab File ID: A15591.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 07:06
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.: 830484 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-123
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15591.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 26-Feb-2022 07:06:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0141938-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 10:18:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.654	1.648	0.006	52	15436	20.0	10.9	a
4 Dichlorodifluoromethane	85	1.690	1.690	0.000	53	59507	20.0	11.5	
165 Chlorodifluoromethane	51	1.715	1.715	0.000	78	83357	20.0	16.5	
6 Chloromethane	50	1.916	1.910	0.006	88	117357	20.0	18.0	
7 Vinyl chloride	62	2.026	2.020	0.006	83	110804	20.0	18.1	
172 Butadiene	39	2.032	2.032	0.000	96	95457	20.0	15.5	
9 Bromomethane	94	2.398	2.391	0.007	98	63419	20.0	20.8	
10 Chloroethane	64	2.471	2.477	-0.006	96	65381	20.0	19.2	
174 Dichlorofluoromethane	67	2.702	2.702	0.000	89	146701	20.0	19.1	
12 Trichlorofluoromethane	101	2.708	2.708	0.000	49	89618	20.0	17.3	
13 Pentane	72	2.727	2.739	-0.012	97	17792	40.0	20.8	
14 Ethanol	46	2.958	2.952	0.006	79	17368	800.0	731.5	
15 Ethyl ether	59	2.965	2.965	0.000	91	64183	20.0	19.1	
16 2-Methyl-1,3-butadiene	53	2.989	2.989	0.000	92	63554	20.0	17.3	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.038	3.044	-0.006	93	56882	20.0	19.0	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.105	3.105	0.000	93	98436	20.0	18.1	a
19 Acrolein	56	3.160	3.160	0.000	82	18534	40.6	38.1	
20 112TCTFE	101	3.184	3.184	0.000	66	48086	20.0	14.5	
21 1,1-Dichloroethene	96	3.208	3.202	0.006	87	64419	20.0	18.8	
22 Acetone	58	3.300	3.300	0.000	82	38656	100.0	94.5	
23 Iodomethane	142	3.373	3.373	0.000	97	102135	20.0	19.4	
24 Isopropyl alcohol	45	3.397	3.397	0.000	2	42956	200.0	201.7	
25 Carbon disulfide	76	3.410	3.410	0.000	99	260007	20.0	18.7	
161 3-Chloro-1-propene	76	3.550	3.550	0.000	23	46291	20.0	20.6	
27 Methyl acetate	43	3.556	3.556	0.000	96	116454	40.0	40.4	
166 Cyclopentene	67	3.568	3.568	0.000	86	174542	20.0	17.5	
29 Acetonitrile	41	3.623	3.617	0.006	93	108032	200.0	210.5	
* 30 TBA-d9 (IS)	65	3.678	3.672	0.006	76	263737	1000.0	1000.0	
31 Methylene Chloride	84	3.684	3.684	0.000	92	81411	20.0	19.0	
32 2-Methyl-2-propanol	59	3.745	3.739	0.006	8	58792	200.0	201.9	
33 Methyl tert-butyl ether	73	3.842	3.848	-0.006	96	203278	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.873	3.867	0.006	82	71123	20.0	18.9	
35 Acrylonitrile	53	3.946	3.946	0.000	93	319058	200.0	191.6	
36 Hexane	43	4.019	4.019	0.000	94	51661	20.0	12.2	
37 Isopropyl ether	45	4.220	4.220	0.000	96	267730	20.0	19.6	
38 1,1-Dichloroethane	63	4.257	4.257	0.000	67	141711	20.0	19.3	
39 Vinyl acetate	86	4.269	4.263	0.006	100	21724	40.0	34.1	
40 2-Chloro-1,3-butadiene	88	4.294	4.294	0.000	89	62740	20.0	19.3	
41 Tert-butyl ethyl ether	59	4.507	4.507	0.000	88	230561	20.0	19.6	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	86	345436	250.0	250.0	
43 2,2-Dichloropropane	97	4.714	4.714	0.000	56	22120	20.0	18.7	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	57	75526	20.0	19.1	
46 Ethyl acetate	70	4.726	4.726	0.000	90	13964	40.0	40.7	
45 2-Butanone (MEK)	72	4.726	4.732	-0.006	96	41932	100.0	100.2	
47 Methyl acrylate	55	4.775	4.775	0.000	97	60541	20.0	20.5	
48 Propionitrile	54	4.848	4.848	0.000	89	115320	200.0	155.4	
49 Tetrahydrofuran	72	4.909	4.909	0.000	50	18544	40.0	39.3	
50 Chlorobromomethane	128	4.915	4.915	0.000	60	35763	20.0	20.4	
51 Methacrylonitrile	67	4.934	4.934	0.000	94	314371	200.0	196.8	
52 Chloroform	83	4.952	4.952	0.000	88	116969	20.0	19.7	
53 Cyclohexane	56	5.074	5.074	0.000	81	119288	20.0	15.2	
54 1,1,1-Trichloroethane	97	5.086	5.080	0.006	60	91500	20.0	21.7	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.080	0.000	96	143589	50.0	53.2	
56 Carbon tetrachloride	117	5.177	5.177	0.000	87	59129	20.0	23.9	
57 1,1-Dichloropropene	75	5.202	5.196	0.006	96	95408	20.0	18.6	
58 Isobutyl alcohol	43	5.269	5.269	0.000	53	55518	500.0	429.2	
59 Isooctane	57	5.324	5.324	0.000	56	142498	20.0	12.2	
60 Benzene	78	5.360	5.360	0.000	89	291852	20.0	20.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	83	189254	50.0	46.6	
62 Isopropyl acetate	61	5.379	5.379	0.000	91	31172	20.0	20.4	
63 Tert-amyl methyl ether	87	5.397	5.397	0.000	60	61629	20.0	19.9	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	91	93035	20.0	18.7	
65 n-Heptane	71	5.464	5.458	0.006	95	43488	20.0	12.4	
* 66 Fluorobenzene	96	5.586	5.586	0.000	98	523647	50.0	50.0	
67 n-Butanol	56	5.787	5.787	0.000	86	33491	500.0	417.7	
68 Trichloroethene	95	5.872	5.866	0.006	93	65231	20.0	18.9	
69 Ethyl acrylate	99	5.946	5.946	0.000	31	5380	20.0	17.2	
70 Methylcyclohexane	83	5.988	5.988	0.000	93	98481	20.0	14.3	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	81	77894	20.0	18.4	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	91	30253	1000.0	1000.0	
72 Methyl methacrylate	69	6.159	6.159	0.000	89	80702	40.0	34.9	
74 n-Propyl acetate	43	6.196	6.196	0.000	99	91298	20.0	19.3	
75 1,4-Dioxane	88	6.208	6.202	0.006	32	15871	400.0	426.3	
76 Dibromomethane	93	6.238	6.238	0.000	94	39465	20.0	19.5	
77 Dichlorobromomethane	83	6.360	6.360	0.000	95	73753	20.0	23.9	
78 2-Chloroethyl vinyl ether	63	6.628	6.628	0.000	93	41781	20.0	18.4	
79 2-Nitropropane	41	6.641	6.641	0.000	77	15569	40.0	32.0	
80 Epichlorohydrin	57	6.726	6.726	0.000	83	133807	400.0	409.3	
81 cis-1,3-Dichloropropene	75	6.769	6.769	0.000	90	105664	20.0	21.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.878	0.000	84	353676	100.0	106.5	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	97	592614	50.0	50.1	
84 Toluene	91	7.012	7.012	0.000	94	279290	20.0	19.8	
85 Ethyl methacrylate	69	7.226	7.226	0.000	72	69472	20.0	16.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.226	7.232	-0.006	89	92408	20.0	21.5	
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	77	46492	20.0	19.5	
88 Tetrachloroethene	166	7.415	7.415	0.000	90	54581	20.0	19.8	
89 1,3-Dichloropropane	76	7.500	7.500	0.000	96	100903	20.0	19.6	
90 2-Hexanone	58	7.518	7.518	0.000	94	118066	100.0	103.1	
91 n-Butyl acetate	73	7.567	7.567	0.000	98	14890	20.0	23.2	
92 Chlorodibromomethane	129	7.640	7.640	0.000	95	38769	20.0	24.9	
93 Ethylene Dibromide	107	7.738	7.738	0.000	98	53298	20.0	21.7	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	87	356504	50.0	50.0	
95 Chlorobenzene	112	8.037	8.037	0.000	89	165402	20.0	20.0	
96 Ethylbenzene	106	8.079	8.079	0.000	98	96601	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	8.092	8.092	0.000	72	47586	20.0	24.9	
98 m-Xylene & p-Xylene	106	8.153	8.153	-0.001	98	115879	20.0	20.0	
99 n-Butyl acrylate	73	8.354	8.348	0.006	91	33764	20.0	18.0	
100 o-Xylene	106	8.402	8.402	0.000	92	120873	20.0	20.6	
101 Styrene	104	8.415	8.415	0.000	91	186021	20.0	20.9	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	89	101056	20.0	18.0	
103 Bromoform	173	8.555	8.555	0.000	74	20542	20.0	24.4	
104 Isopropylbenzene	105	8.604	8.604	0.000	96	312541	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	87	152461	50.0	51.4	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	85	77903	20.0	20.3	
107 Bromobenzene	156	8.823	8.823	0.000	76	65292	20.0	19.3	
108 N-Propylbenzene	91	8.835	8.835	0.000	98	381697	20.0	20.0	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.848	-0.001	62	20797	20.0	21.1	
110 1,2,3-Trichloropropane	110	8.854	8.854	0.000	57	20832	20.0	18.4	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	305568	20.0	20.1	
112 2-Chlorotoluene	91	8.915	8.908	0.007	79	287286	20.0	19.7	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	71	267081	20.0	19.7	
114 Butyl Methacrylate	87	8.957	8.957	0.000	91	53767	20.0	14.2	
115 4-Chlorotoluene	91	8.976	8.976	0.000	98	224020	20.0	19.4	
116 tert-Butylbenzene	119	9.110	9.110	0.000	59	209610	20.0	19.3	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	98	267788	20.0	20.0	
118 sec-Butylbenzene	134	9.238	9.238	0.000	99	63737	20.0	19.2	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	84	278137	20.0	20.0	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	81	134725	20.0	19.6	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	96	194458	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	71	135642	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	97	292850	20.0	20.3	
124 Benzyl chloride	91	9.482	9.482	0.000	99	117378	20.0	16.4	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	23	294845	20.0	20.6	
164 p-Diethylbenzene	119	9.536	9.536	0.000	67	161769	20.0	19.6	
127 n-Butylbenzene	92	9.555	9.555	0.000	99	159449	20.0	18.9	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	93	137443	20.0	20.0	
163 1,2,4,5-Tetramethylbenzene	119	10.055	10.055	0.000	0	264312	20.0	20.0	
130 1,2-Dibromo-3-Chloropropane	157	10.164	10.164	0.000	87	10809	20.0	16.8	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	95	101547	20.0	19.4	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	91	91668	20.0	19.1	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	93	39434	20.0	20.9	
134 Naphthalene	128	11.036	11.036	0.000	99	231930	20.0	19.5	
135 1,2,3-Trichlorobenzene	180	11.262	11.262	0.000	91	79839	20.0	18.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.0	
S 137 Xylenes, Total	100				0		40.0	40.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00150	Amount Added: 20.00	Units: uL	
GASES Li_00464	Amount Added: 20.00	Units: uL	
ACROLEIN W_00137	Amount Added: 4.00	Units: uL	
524freon_00049	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15591.D

Injection Date: 26-Feb-2022 07:06:30

Instrument ID: CVOAMS1

Lims ID: LCS

Operator ID: VOA GC/MS1

Client ID:

Worklist Smp#: 4

Purge Vol: 5.000 mL

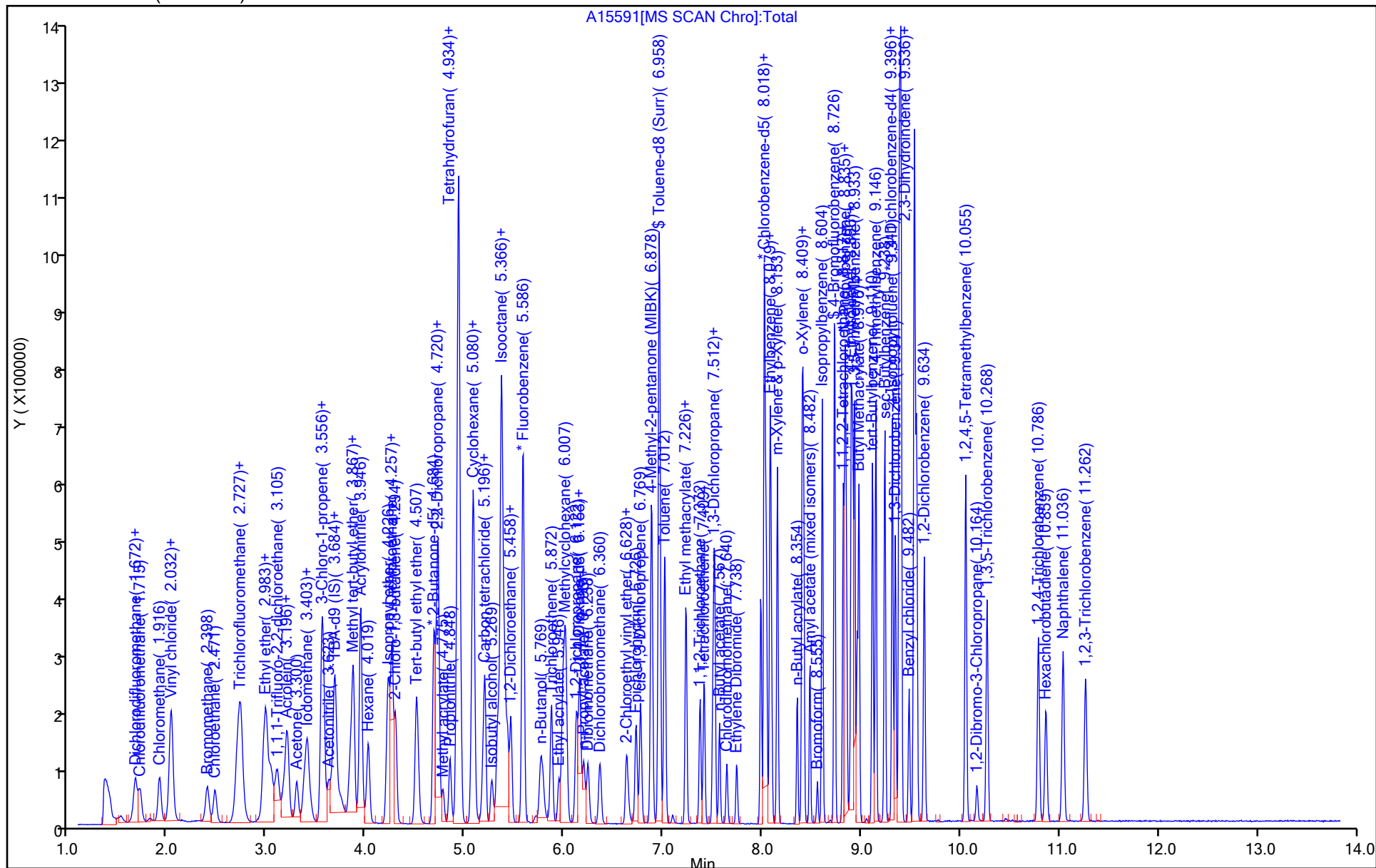
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15591.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 26-Feb-2022 07:06:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0141938-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 20:52:32 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: desais

Date: 26-Feb-2022 10:18:15

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.2	106.34
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.6	93.11
\$ 83 Toluene-d8 (Surr)	50.0	50.1	100.14
\$ 105 4-Bromofluorobenzene	50.0	51.4	102.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-829917/5
 Matrix: Water Lab File ID: A15487.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 02/23/2022 20:04
 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.: 829917 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.2		1.0	0.40
74-83-9	Bromomethane	15.7		1.0	0.55
75-01-4	Vinyl chloride	18.9		1.0	0.17
75-00-3	Chloroethane	17.1		1.0	0.32
75-09-2	Methylene Chloride	24.5		1.0	0.32
67-64-1	Acetone	91.6		5.0	4.4
75-15-0	Carbon disulfide	22.6		1.0	0.82
75-35-4	1,1-Dichloroethene	19.7		1.0	0.26
75-34-3	1,1-Dichloroethane	24.8		1.0	0.26
156-60-5	trans-1,2-Dichloroethene	22.2		1.0	0.24
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
67-66-3	Chloroform	22.9		1.0	0.33
107-06-2	1,2-Dichloroethane	24.0		1.0	0.43
78-93-3	2-Butanone (MEK)	83.9		5.0	1.9
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.24
56-23-5	Carbon tetrachloride	18.4		1.0	0.21
75-27-4	Bromodichloromethane	22.8		1.0	0.34
78-87-5	1,2-Dichloropropane	24.5		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	22.6		1.0	0.22
79-01-6	Trichloroethene	21.5		1.0	0.31
79-00-5	1,1,2-Trichloroethane	22.4		1.0	0.20
71-43-2	Benzene	23.6		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	21.8		1.0	0.22
75-25-2	Bromoform	20.7		1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
591-78-6	2-Hexanone	95.5		5.0	1.1
127-18-4	Tetrachloroethene	20.3		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	22.7		1.0	0.37
108-88-3	Toluene	22.2		1.0	0.38
108-90-7	Chlorobenzene	21.5		1.0	0.38
100-41-4	Ethylbenzene	20.4		1.0	0.30
100-42-5	Styrene	21.2		1.0	0.42
1330-20-7	Xylenes, Total	41.1		2.0	0.65
74-97-5	Chlorobromomethane	20.8		1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-829917/5
Matrix: Water Lab File ID: A15487.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 02/23/2022 20:04
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.: 829917 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		75-123
2037-26-5	Toluene-d8 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15487.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 23-Feb-2022 20:04:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0141811-005
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 09:57:01 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1639

First Level Reviewer: parekhv

Date: 23-Feb-2022 20:27:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.660	1.648	0.012	59	10945	20.0	11.8	a
4 Dichlorodifluoromethane	85	1.690	1.690	0.000	77	68808	20.0	17.0	
165 Chlorodifluoromethane	51	1.721	1.715	0.006	78	73714	20.0	26.7	
6 Chloromethane	50	1.922	1.910	0.012	89	88502	20.0	21.2	
7 Vinyl chloride	62	2.032	2.020	0.012	80	81359	20.0	18.9	
172 Butadiene	39	2.038	2.026	0.012	96	86752	20.0	18.4	
9 Bromomethane	94	2.398	2.397	0.001	95	51875	20.0	15.7	
10 Chloroethane	64	2.483	2.477	0.006	97	47409	20.0	17.1	
174 Dichlorofluoromethane	67	2.708	2.702	0.006	89	113300	20.0	20.5	
12 Trichlorofluoromethane	101	2.708	2.708	0.000	55	85799	20.0	16.8	
13 Pentane	72	2.745	2.733	0.012	96	17636	40.0	30.4	
15 Ethyl ether	59	2.971	2.964	0.007	88	51587	20.0	25.1	
14 Ethanol	46	2.946	2.971	-0.025	76	14909	800.0	891.4	a
16 2-Methyl-1,3-butadiene	53	2.995	2.995	0.000	87	53013	20.0	21.9	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.050	3.038	0.012	90	48286	20.0	20.6	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.111	3.099	0.012	95	85619	20.0	22.4	a
19 Acrolein	56	3.172	3.166	0.006	75	16798	40.6	56.2	
20 112TCTFE	101	3.178	3.190	-0.012	95	47875	20.0	16.2	
21 1,1-Dichloroethene	96	3.214	3.208	0.006	88	53067	20.0	19.7	
22 Acetone	58	3.306	3.300	0.006	78	29297	100.0	91.6	
23 Iodomethane	142	3.385	3.379	0.006	98	97933	20.0	20.3	
24 Isopropyl alcohol	45	3.403	3.403	0.000	1	43307	200.0	236.8	
25 Carbon disulfide	76	3.416	3.409	0.007	100	205655	20.0	22.6	
161 3-Chloro-1-propene	76	3.556	3.550	0.006	22	35468	20.0	21.7	
27 Methyl acetate	43	3.568	3.556	0.012	89	105115	40.0	57.9	
166 Cyclopentene	67	3.580	3.574	0.006	61	139183	20.0	22.2	
29 Acetonitrile	41	3.629	3.623	0.006	94	84892	200.0	293.9	
* 30 TBA-d9 (IS)	65	3.684	3.678	0.006	53	255019	1000.0	1000.0	
31 Methylene Chloride	84	3.696	3.690	0.006	81	69479	20.0	24.5	
32 2-Methyl-2-propanol	59	3.763	3.745	0.018	8	63155	200.0	226.5	
33 Methyl tert-butyl ether	73	3.861	3.848	0.013	96	169930	20.0	23.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.879	3.873	0.006	80	60112	20.0	22.2	
35 Acrylonitrile	53	3.952	3.946	0.006	95	271003	200.0	294.8	
36 Hexane	43	4.025	4.025	0.000	95	54253	20.0	22.8	
37 Isopropyl ether	45	4.226	4.226	0.000	97	224585	20.0	27.2	
38 1,1-Dichloroethane	63	4.263	4.263	0.000	66	114272	20.0	24.8	
39 Vinyl acetate	86	4.269	4.263	0.006	100	20507	40.0	31.4	
40 2-Chloro-1,3-butadiene	88	4.300	4.300	0.000	89	48907	20.0	20.3	
41 Tert-butyl ethyl ether	59	4.519	4.513	0.006	88	189883	20.0	25.3	
* 42 2-Butanone-d5	46	4.690	4.690	0.000	87	328840	250.0	250.0	
43 2,2-Dichloropropane	97	4.720	4.714	0.006	65	19469	20.0	21.9	
44 cis-1,2-Dichloroethene	96	4.726	4.726	0.000	59	65715	20.0	21.2	
46 Ethyl acetate	70	4.739	4.732	0.007	93	11958	40.0	32.5	
45 2-Butanone (MEK)	72	4.745	4.738	0.007	96	33818	100.0	83.9	
47 Methyl acrylate	55	4.787	4.781	0.006	97	56147	20.0	24.5	
48 Propionitrile	54	4.854	4.848	0.006	96	92568	200.0	242.3	
49 Tetrahydrofuran	72	4.921	4.915	0.006	40	15860	40.0	36.4	
50 Chlorobromomethane	128	4.921	4.921	0.000	58	32146	20.0	20.8	
51 Methacrylonitrile	67	4.940	4.940	0.000	95	263753	200.0	254.8	
52 Chloroform	83	4.964	4.958	0.006	92	105102	20.0	22.9	
53 Cyclohexane	56	5.080	5.080	0.000	87	99551	20.0	19.9	
\$ 55 Dibromofluoromethane (Surr)	113	5.092	5.086	0.006	95	141506	50.0	53.8	
54 1,1,1-Trichloroethane	97	5.092	5.092	0.000	32	89466	20.0	20.6	
56 Carbon tetrachloride	117	5.190	5.184	0.006	88	69255	20.0	18.4	
57 1,1-Dichloropropene	75	5.208	5.202	0.006	94	78430	20.0	22.0	
58 Isobutyl alcohol	43	5.275	5.269	0.006	74	67141	500.0	545.7	
59 Isooctane	57	5.336	5.336	0.000	57	143528	20.0	14.4	
60 Benzene	78	5.373	5.366	0.007	84	235703	20.0	23.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.379	5.373	0.006	69	177653	50.0	57.2	
62 Isopropyl acetate	61	5.379	5.385	-0.006	40	26488	20.0	28.0	
63 Tert-amyl methyl ether	87	5.403	5.397	0.006	61	53144	20.0	21.8	
64 1,2-Dichloroethane	62	5.440	5.433	0.007	91	81578	20.0	24.0	
65 n-Heptane	71	5.470	5.464	0.006	97	41781	20.0	17.7	
* 66 Fluorobenzene	96	5.592	5.592	0.000	98	466316	50.0	50.0	
67 n-Butanol	56	5.793	5.793	0.000	91	39809	500.0	525.5	
68 Trichloroethene	95	5.879	5.879	0.000	93	57977	20.0	21.5	
69 Ethyl acrylate	99	5.958	5.958	0.000	25	5509	20.0	20.2	
70 Methylcyclohexane	83	5.994	5.994	0.000	93	89389	20.0	17.2	
71 1,2-Dichloropropane	63	6.135	6.135	0.000	79	61170	20.0	24.5	
72 Methyl methacrylate	69	6.165	6.165	0.000	91	74229	40.0	47.3	
* 73 1,4-Dioxane-d8	96	6.165	6.165	0.000	92	27176	1000.0	1000.0	
74 n-Propyl acetate	43	6.208	6.202	0.006	99	87816	20.0	26.0	
75 1,4-Dioxane	88	6.220	6.214	0.006	32	13317	400.0	439.6	
76 Dibromomethane	93	6.250	6.250	0.000	96	35687	20.0	21.3	
77 Dichlorobromomethane	83	6.372	6.372	0.000	96	71638	20.0	22.8	
78 2-Chloroethyl vinyl ether	63	6.635	6.634	0.000	91	35243	20.0	23.3	
79 2-Nitropropane	41	6.653	6.653	0.000	93	26390	40.0	36.2	
80 Epichlorohydrin	57	6.732	6.732	0.000	81	115461	400.0	380.4	
81 cis-1,3-Dichloropropene	75	6.781	6.781	0.000	92	88099	20.0	22.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.891	6.891	0.000	97	319306	100.0	105.6	
\$ 83 Toluene-d8 (Surr)	98	6.970	6.970	0.000	98	515318	50.0	54.5	
84 Toluene	91	7.025	7.025	0.000	93	230764	20.0	22.2	
85 Ethyl methacrylate	69	7.238	7.232	0.006	73	65393	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	7.238	7.238	0.000	87	78251	20.0	21.8	
87 1,1,2-Trichloroethane	83	7.378	7.378	0.000	89	40557	20.0	22.4	
88 Tetrachloroethene	166	7.421	7.421	0.000	93	56668	20.0	20.3	
89 1,3-Dichloropropane	76	7.512	7.512	0.000	93	80177	20.0	22.6	
90 2-Hexanone	58	7.525	7.525	0.000	97	98793	100.0	95.5	
91 n-Butyl acetate	73	7.573	7.573	0.000	97	14926	20.0	22.7	
92 Chlorodibromomethane	129	7.647	7.646	0.000	96	46985	20.0	19.9	
93 Ethylene Dibromide	107	7.750	7.750	0.000	98	47904	20.0	21.6	
* 94 Chlorobenzene-d5	117	8.031	8.024	0.007	81	343097	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	90	143583	20.0	21.5	
96 Ethylbenzene	106	8.085	8.085	0.000	99	79963	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.098	8.098	0.000	82	55944	20.0	20.3	
98 m-Xylene & p-Xylene	106	8.159	8.159	0.000	98	97984	20.0	20.7	
99 n-Butyl acrylate	73	8.360	8.360	0.000	95	35491	20.0	20.5	
100 o-Xylene	106	8.409	8.409	0.001	92	98183	20.0	20.3	
101 Styrene	104	8.421	8.421	0.000	89	159616	20.0	21.2	
102 Amyl acetate (mixed isomers)	43	8.488	8.488	0.000	89	110372	20.0	25.5	
103 Bromoform	173	8.561	8.561	0.000	76	33436	20.0	20.7	
104 Isopropylbenzene	105	8.610	8.610	0.000	97	269576	20.0	22.4	
\$ 105 4-Bromofluorobenzene	174	8.738	8.738	0.000	93	172310	50.0	54.3	
106 1,1,2,2-Tetrachloroethane	83	8.817	8.817	0.000	70	67011	20.0	22.7	
107 Bromobenzene	156	8.829	8.829	0.000	90	66005	20.0	21.0	
108 N-Propylbenzene	91	8.841	8.841	0.000	97	320356	20.0	23.7	
109 trans-1,4-Dichloro-2-butene	53	8.854	8.854	0.000	52	17984	20.0	26.7	
110 1,2,3-Trichloropropane	110	8.860	8.860	0.000	93	20628	20.0	22.6	
169 4-Ethyltoluene	105	8.908	8.902	0.006	0	258119	20.0	22.5	
112 2-Chlorotoluene	91	8.921	8.921	0.000	79	242922	20.0	23.2	
113 1,3,5-Trimethylbenzene	105	8.939	8.939	0.000	69	233218	20.0	22.4	
114 Butyl Methacrylate	87	8.963	8.963	0.000	95	59611	20.0	16.6	
115 4-Chlorotoluene	91	8.982	8.982	0.000	98	190896	20.0	23.3	
116 tert-Butylbenzene	119	9.122	9.122	0.000	75	185630	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	9.152	9.152	0.000	98	232269	20.0	22.4	
118 sec-Butylbenzene	134	9.244	9.244	0.000	99	58979	20.0	17.5	
119 4-Isopropyltoluene	119	9.323	9.323	0.000	83	246135	20.0	20.4	
120 1,3-Dichlorobenzene	146	9.353	9.353	0.000	80	128474	20.0	21.4	
* 121 1,4-Dichlorobenzene-d4	152	9.390	9.390	0.000	97	201685	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.408	9.408	0.000	74	135363	20.0	21.7	
123 1,2,3-Trimethylbenzene	105	9.408	9.408	0.000	98	251512	20.0	22.2	
124 Benzyl chloride	91	9.494	9.488	0.006	99	118363	20.0	21.7	
162 2,3-Dihydroindene	117	9.542	9.542	0.000	29	257798	20.0	22.1	
164 p-Diethylbenzene	119	9.549	9.549	0.000	76	145924	20.0	20.8	
127 n-Butylbenzene	92	9.567	9.567	0.000	98	137152	20.0	21.6	
128 1,2-Dichlorobenzene	146	9.646	9.646	0.000	96	132726	20.0	22.2	
163 1,2,4,5-Tetramethylbenzene	119	10.067	10.067	0.000	0	237132	20.0	20.6	
130 1,2-Dibromo-3-Chloropropane	157	10.176	10.176	0.000	91	14880	20.0	20.0	
131 1,3,5-Trichlorobenzene	180	10.280	10.280	0.000	97	114548	20.0	21.5	
132 1,2,4-Trichlorobenzene	180	10.798	10.798	0.000	91	104690	20.0	21.5	
133 Hexachlorobutadiene	225	10.878	10.878	0.000	95	48780	20.0	19.6	
134 Naphthalene	128	11.054	11.048	0.006	99	232868	20.0	22.2	
135 1,2,3-Trichlorobenzene	180	11.280	11.280	0.000	93	94428	20.0	21.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.5	
S 137 Xylenes, Total	100				0		40.0	41.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00150	Amount Added: 20.00	Units: uL	
524freon_00048	Amount Added: 20.00	Units: uL	
ACROLEIN W_00136	Amount Added: 4.00	Units: uL	
GASES Li_00464	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15487.D

Injection Date: 23-Feb-2022 20:04:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

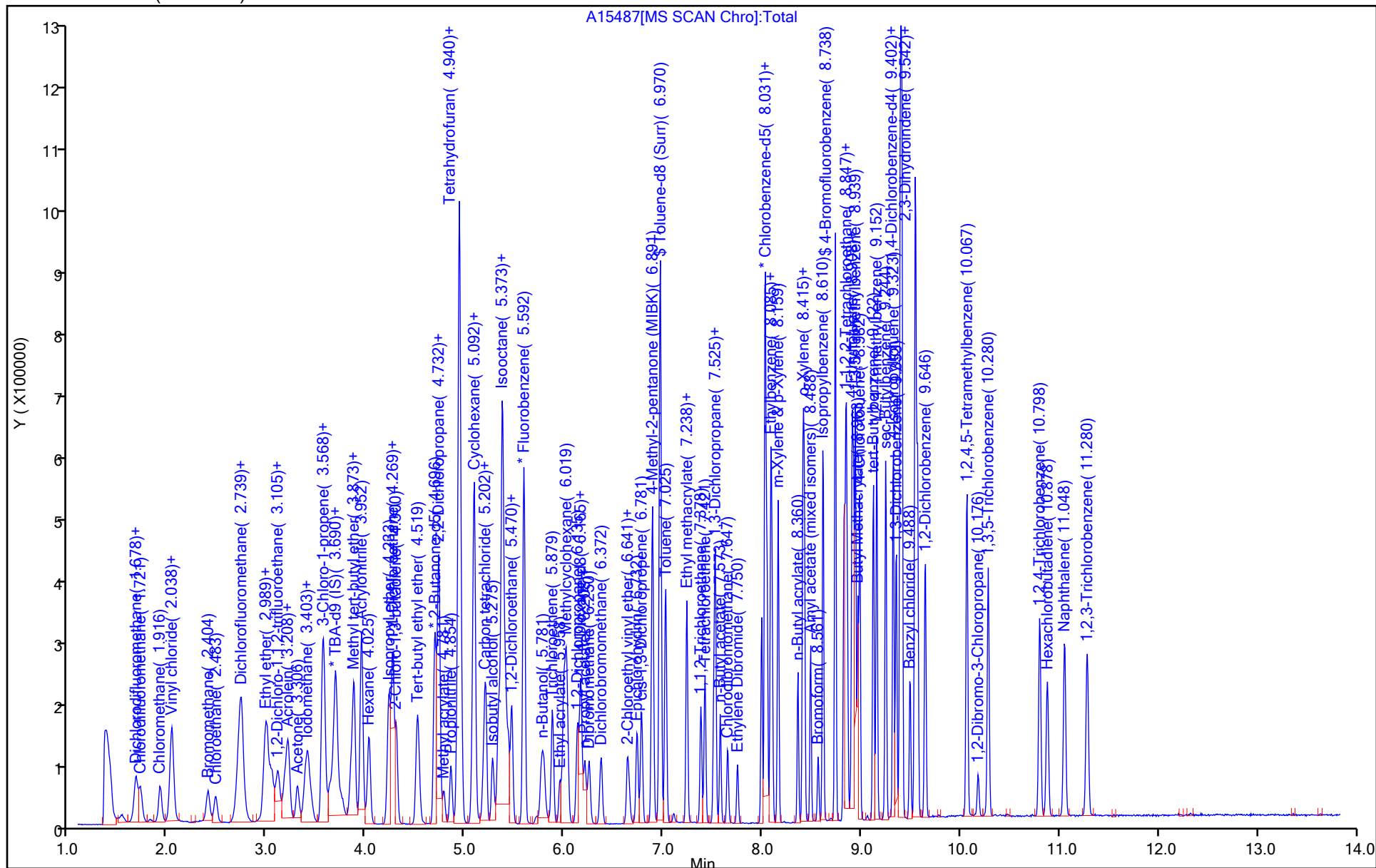
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\A15487.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 23-Feb-2022 20:04:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0141811-005
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220223-141811.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Feb-2022 09:57:01 Calib Date: 23-Dec-2021 18:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20211223-139544.b\A13135.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1639

First Level Reviewer: parekhv

Date: 23-Feb-2022 20:27:59

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.8	107.52
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.2	114.47
\$ 83 Toluene-d8 (Surr)	50.0	54.5	108.96
\$ 105 4-Bromofluorobenzene	50.0	54.3	108.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14C-021722 MS</u>	Lab Sample ID: <u>460-252877-2 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15616.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 09:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/26/2022 16:41</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>830484</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.5		1.0	0.40
74-83-9	Bromomethane	19.9		1.0	0.55
75-01-4	Vinyl chloride	17.7		1.0	0.17
75-00-3	Chloroethane	19.5		1.0	0.32
75-09-2	Methylene Chloride	20.5		1.0	0.32
67-64-1	Acetone	85.4		5.0	4.4
75-15-0	Carbon disulfide	19.6		1.0	0.82
75-35-4	1,1-Dichloroethene	20.6		1.0	0.26
75-34-3	1,1-Dichloroethane	20.5		1.0	0.26
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
156-59-2	cis-1,2-Dichloroethene	21.0		1.0	0.22
67-66-3	Chloroform	20.7		1.0	0.33
107-06-2	1,2-Dichloroethane	20.0		1.0	0.43
78-93-3	2-Butanone (MEK)	97.9		5.0	1.9
71-55-6	1,1,1-Trichloroethane	23.7		1.0	0.24
56-23-5	Carbon tetrachloride	27.1		1.0	0.21
75-27-4	Bromodichloromethane	25.6		1.0	0.34
78-87-5	1,2-Dichloropropane	19.3		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	22.1		1.0	0.22
79-01-6	Trichloroethene	22.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.7		1.0	0.20
71-43-2	Benzene	21.2		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	22.3		1.0	0.22
75-25-2	Bromoform	26.5		1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	108		5.0	1.3
591-78-6	2-Hexanone	104		5.0	1.1
127-18-4	Tetrachloroethene	20.6		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	23.2		1.0	0.37
108-88-3	Toluene	20.7		1.0	0.38
108-90-7	Chlorobenzene	20.8		1.0	0.38
100-41-4	Ethylbenzene	20.4		1.0	0.30
100-42-5	Styrene	21.2		1.0	0.42
1330-20-7	Xylenes, Total	42.3		2.0	0.65
74-97-5	Chlorobromomethane	20.0		1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: FSMW14C-021722 MS Lab Sample ID: 460-252877-2 MS
Matrix: Water Lab File ID: A15616.D
Analysis Method: 8260D Date Collected: 02/17/2022 09:55
Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 16:41
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.: 830484 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15616.D
 Lims ID: 460-252877-A-2 MS
 Client ID: FSMW14C-021722
 Sample Type: MS
 Inject. Date: 26-Feb-2022 16:41:30 ALS Bottle#: 28 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-A-2 MS
 Misc. Info.: 460-0141938-029
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 21:01:14 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: parekhv

Date: 27-Feb-2022 16:16:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.642	1.648	-0.006	88	16250	20.0	11.6	a
4 Dichlorodifluoromethane	85	1.684	1.690	-0.006	0	51343	20.0	10.0	
165 Chlorodifluoromethane	51	1.702	1.715	-0.013	0	91341	20.0	18.2	
6 Chloromethane	50	1.898	1.910	-0.012	0	106995	20.0	16.5	
7 Vinyl chloride	62	2.007	2.020	-0.013	0	107647	20.0	17.7	
172 Butadiene	39	2.019	2.032	-0.013	0	100741	20.0	16.5	
9 Bromomethane	94	2.385	2.391	-0.006	0	60048	20.0	19.9	
10 Chloroethane	64	2.465	2.477	-0.012	0	65738	20.0	19.5	
174 Dichlorofluoromethane	67	2.690	2.702	-0.012	0	157031	20.0	20.6	
12 Trichlorofluoromethane	101	2.690	2.708	-0.018	0	90672	20.0	17.6	
13 Pentane	72	2.727	2.739	-0.012	0	23639	40.0	23.5	
14 Ethanol	46	2.934	2.952	-0.018	0	22308	800.0	799.8	
15 Ethyl ether	59	2.952	2.965	-0.012	0	68454	20.0	20.5	
16 2-Methyl-1,3-butadiene	53	2.977	2.989	-0.012	0	71394	20.0	19.5	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.025	3.044	-0.019	89	58548	20.0	19.7	Ma
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.086	3.105	-0.019	92	105573	20.0	19.6	a
19 Acrolein	56	3.153	3.160	-0.007	0	19458	40.6	34.0	
20 112TCTFE	101	3.166	3.184	-0.018	0	60026	20.0	18.2	
21 1,1-Dichloroethene	96	3.196	3.202	-0.006	0	70283	20.0	20.6	
22 Acetone	58	3.294	3.300	-0.006	0	38526	100.0	85.4	
23 Iodomethane	142	3.367	3.373	-0.006	0	106270	20.0	20.4	
24 Isopropyl alcohol	45	3.397	3.397	0.000	0	55083	200.0	220.1	
25 Carbon disulfide	76	3.397	3.410	-0.013	0	271505	20.0	19.6	
161 3-Chloro-1-propene	76	3.544	3.550	-0.006	0	46803	20.0	21.0	
27 Methyl acetate	43	3.550	3.556	-0.006	0	123266	40.0	43.1	
166 Cyclopentene	67	3.562	3.568	-0.006	0	189410	20.0	19.1	
29 Acetonitrile	41	3.611	3.617	-0.006	0	114726	200.0	190.1	
* 30 TBA-d9 (IS)	65	3.672	3.672	0.000	0	309844	1000.0	1000.0	
31 Methylene Chloride	84	3.678	3.684	-0.006	0	87449	20.0	20.5	
32 2-Methyl-2-propanol	59	3.745	3.739	0.006	0	75325	200.0	220.2	
33 Methyl tert-butyl ether	73	3.842	3.848	-0.006	0	222255	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.861	3.867	-0.006	0	76380	20.0	20.5	
35 Acrylonitrile	53	3.940	3.946	-0.006	0	347940	200.0	210.5	
36 Hexane	43	4.013	4.019	-0.006	0	67038	20.0	16.0	
37 Isopropyl ether	45	4.214	4.220	-0.006	0	289438	20.0	21.4	
38 1,1-Dichloroethane	63	4.251	4.257	-0.006	0	149911	20.0	20.5	
39 Vinyl acetate	86	4.257	4.263	-0.006	0	29038	40.0	38.8	
40 2-Chloro-1,3-butadiene	88	4.287	4.294	-0.007	0	63671	20.0	19.7	
41 Tert-butyl ethyl ether	59	4.507	4.507	0.000	0	245254	20.0	21.0	
* 42 2-Butanone-d5	46	4.678	4.684	-0.006	0	380884	250.0	250.0	
43 2,2-Dichloropropane	97	4.708	4.714	-0.006	0	23112	20.0	19.7	
44 cis-1,2-Dichloroethene	96	4.714	4.720	-0.006	0	82503	20.0	21.0	
46 Ethyl acetate	70	4.720	4.726	-0.006	0	16339	40.0	43.2	
45 2-Butanone (MEK)	72	4.726	4.732	-0.006	0	45152	100.0	97.9	
47 Methyl acrylate	55	4.769	4.775	-0.006	0	68814	20.0	23.4	
48 Propionitrile	54	4.842	4.848	-0.006	0	125156	200.0	143.6	
49 Tetrahydrofuran	72	4.909	4.909	0.000	0	20820	40.0	40.1	
50 Chlorobromomethane	128	4.909	4.915	-0.006	0	34858	20.0	20.0	
51 Methacrylonitrile	67	4.927	4.934	-0.007	0	335812	200.0	211.7	
52 Chloroform	83	4.946	4.952	-0.006	0	122156	20.0	20.7	
53 Cyclohexane	56	5.068	5.074	-0.006	0	142234	20.0	18.3	
54 1,1,1-Trichloroethane	97	5.080	5.080	0.000	0	99000	20.0	23.7	
\$ 55 Dibromofluoromethane (Surr)	113	5.080	5.080	0.000	0	145751	50.0	54.4	
56 Carbon tetrachloride	117	5.177	5.177	0.000	0	66615	20.0	27.1	
57 1,1-Dichloropropene	75	5.196	5.196	0.000	0	101798	20.0	20.0	
58 Isobutyl alcohol	43	5.263	5.269	-0.006	0	68614	500.0	451.5	
59 Isooctane	57	5.324	5.324	0.000	0	192522	20.0	16.6	
60 Benzene	78	5.360	5.360	0.000	0	304905	20.0	21.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	0	196197	50.0	48.6	
62 Isopropyl acetate	61	5.372	5.379	-0.007	0	34389	20.0	22.7	
63 Tert-amyl methyl ether	87	5.391	5.397	-0.006	0	65829	20.0	21.4	
64 1,2-Dichloroethane	62	5.421	5.427	-0.006	0	98481	20.0	20.0	
65 n-Heptane	71	5.458	5.458	0.000	0	57700	20.0	16.5	
* 66 Fluorobenzene	96	5.580	5.586	-0.006	0	519953	50.0	50.0	
67 n-Butanol	56	5.781	5.787	-0.006	0	40648	500.0	431.5	
68 Trichloroethene	95	5.866	5.866	0.000	0	78038	20.0	22.8	
69 Ethyl acrylate	99	5.946	5.946	0.000	0	5445	20.0	17.5	
70 Methylcyclohexane	83	5.982	5.988	-0.006	0	119802	20.0	17.6	
71 1,2-Dichloropropane	63	6.116	6.122	-0.006	0	80864	20.0	19.3	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	0	33977	1000.0	1000.0	
72 Methyl methacrylate	69	6.153	6.159	-0.006	0	91954	40.0	40.1	
74 n-Propyl acetate	43	6.196	6.196	0.000	0	101422	20.0	21.6	
75 1,4-Dioxane	88	6.214	6.202	0.012	0	17649	400.0	422.1	
76 Dibromomethane	93	6.238	6.238	0.000	0	41223	20.0	20.5	
77 Dichlorobromomethane	83	6.360	6.360	0.000	0	78289	20.0	25.6	
79 2-Nitropropane	41	6.641	6.641	0.000	0	15958	40.0	33.1	
80 Epichlorohydrin	57	6.726	6.726	0.000	0	108110	400.0	299.9	
81 cis-1,3-Dichloropropene	75	6.769	6.769	0.000	0	109180	20.0	22.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.878	0.000	0	395189	100.0	107.9	
\$ 83 Toluene-d8 (Surr)	98	6.958	6.958	0.000	0	597385	50.0	51.0	
84 Toluene	91	7.012	7.012	0.000	0	287920	20.0	20.7	
85 Ethyl methacrylate	69	7.226	7.226	0.000	0	78294	20.0	19.1	
86 trans-1,3-Dichloropropene	75	7.226	7.232	-0.006	0	95070	20.0	22.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	0	48774	20.0	20.7	
88 Tetrachloroethene	166	7.409	7.415	-0.006	0	56224	20.0	20.6	
89 1,3-Dichloropropane	76	7.500	7.500	0.000	0	105915	20.0	20.8	
90 2-Hexanone	58	7.518	7.518	0.000	0	131154	100.0	103.8	
91 n-Butyl acetate	73	7.567	7.567	0.000	0	17053	20.0	26.7	
92 Chlorodibromomethane	129	7.640	7.640	0.000	0	41502	20.0	26.8	
93 Ethylene Dibromide	107	7.738	7.738	0.000	0	52237	20.0	21.5	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	0	352858	50.0	50.0	
95 Chlorobenzene	112	8.037	8.037	0.000	0	170132	20.0	20.8	
96 Ethylbenzene	106	8.079	8.079	0.000	0	98413	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.091	8.092	-0.001	0	50459	20.0	26.6	
98 m-Xylene & p-Xylene	106	8.152	8.153	-0.001	0	118703	20.0	20.7	
99 n-Butyl acrylate	73	8.354	8.348	0.006	0	41490	20.0	22.2	
100 o-Xylene	106	8.402	8.402	0.000	0	125370	20.0	21.6	
101 Styrene	104	8.415	8.415	0.000	0	186680	20.0	21.2	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	0	117885	20.0	22.0	
103 Bromoform	173	8.555	8.555	0.000	0	22221	20.0	26.5	
104 Isopropylbenzene	105	8.604	8.604	0.000	0	325134	20.0	22.1	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	0	147279	50.0	50.1	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	0	84867	20.0	23.2	
107 Bromobenzene	156	8.823	8.823	0.000	0	64956	20.0	20.1	
108 N-Propylbenzene	91	8.835	8.835	0.000	0	394411	20.0	21.7	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.848	-0.001	0	19812	20.0	21.1	
110 1,2,3-Trichloropropane	110	8.854	8.854	0.000	0	23627	20.0	21.9	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	319134	20.0	22.1	
112 2-Chlorotoluene	91	8.908	8.908	0.000	0	298877	20.0	21.5	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	0	279131	20.0	21.6	
114 Butyl Methacrylate	87	8.957	8.957	0.000	0	66030	20.0	18.2	
115 4-Chlorotoluene	91	8.975	8.976	-0.001	0	230881	20.0	21.0	
116 tert-Butylbenzene	119	9.110	9.110	0.000	0	217942	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	0	281304	20.0	22.1	
118 sec-Butylbenzene	134	9.238	9.238	0.000	0	65510	20.0	20.7	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	0	291820	20.0	22.0	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	0	136299	20.0	20.8	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	0	185367	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	0	137372	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	0	303004	20.0	22.0	
124 Benzyl chloride	91	9.481	9.482	-0.001	0	117129	20.0	17.1	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	0	295890	20.0	21.6	
164 p-Diethylbenzene	119	9.536	9.536	0.000	0	169462	20.0	21.6	
127 n-Butylbenzene	92	9.555	9.555	0.000	0	172422	20.0	21.5	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	0	134088	20.0	20.4	
163 1,2,4,5-Tetramethylbenzene	119	10.055	10.055	-0.001	0	273352	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	157	10.164	10.164	0.000	0	12630	20.0	20.6	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	0	103956	20.0	20.9	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	0	90916	20.0	19.9	
133 Hexachlorobutadiene	225	10.859	10.865	-0.006	0	38791	20.0	21.6	
134 Naphthalene	128	11.036	11.036	0.000	0	234971	20.0	20.7	
135 1,2,3-Trichlorobenzene	180	11.262	11.262	0.000	0	78669	20.0	19.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.5	
S 137 Xylenes, Total	100				0		40.0	42.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00150	Amount Added: 20.00	Units: uL	
GASES Li_00464	Amount Added: 20.00	Units: uL	
524freon_00049	Amount Added: 20.00	Units: uL	
ACROLEIN W_00137	Amount Added: 4.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15616.D

Injection Date: 26-Feb-2022 16:41:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-252877-A-2 MS

Worklist Smp#: 29

Client ID: FSMW14C-021722

Purge Vol: 5.000 mL

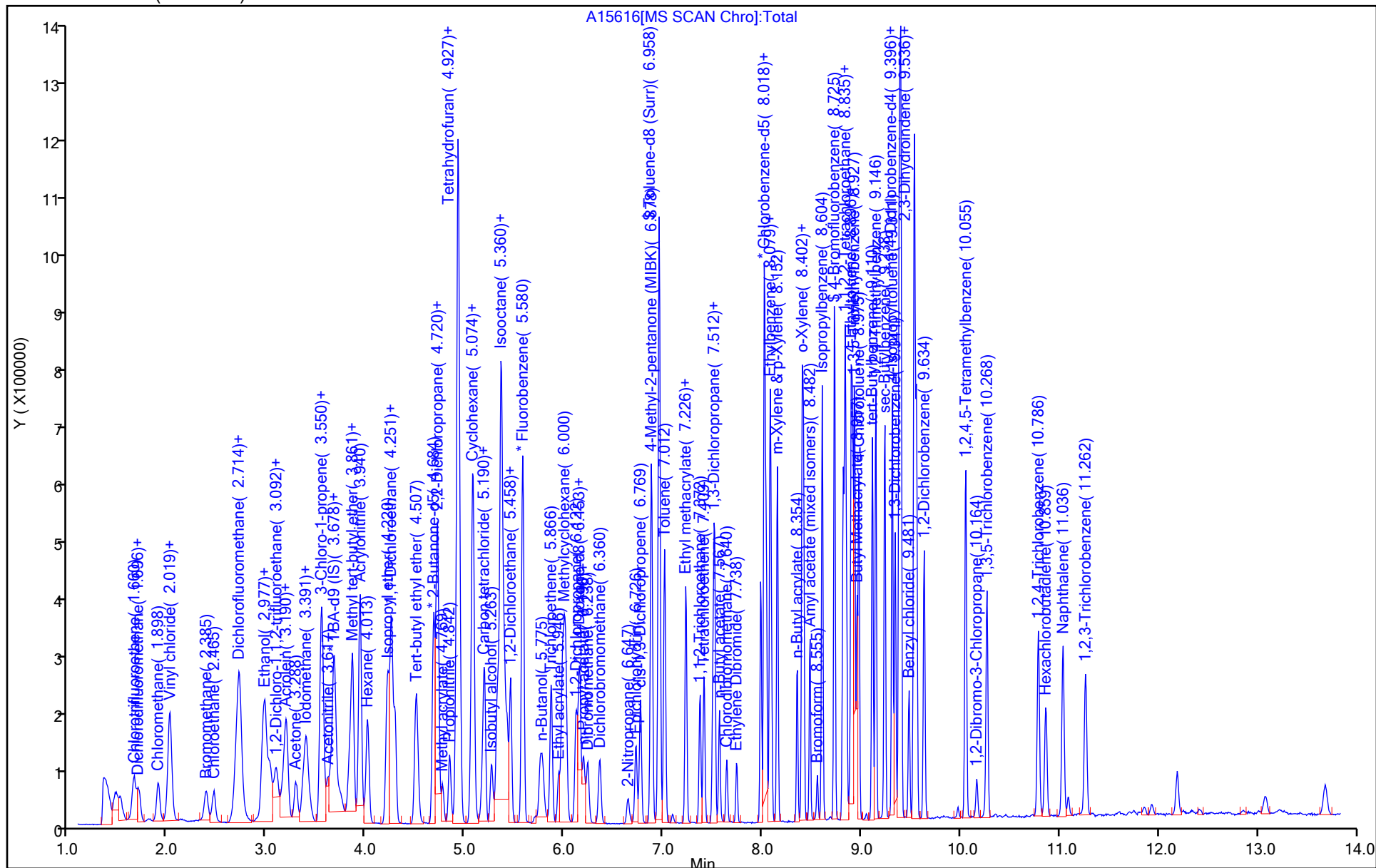
Dil. Factor: 1.0000

ALS Bottle#: 28

Method: 8260624W_1

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15616.D
 Lims ID: 460-252877-A-2 MS
 Client ID: FSMW14C-021722
 Sample Type: MS
 Inject. Date: 26-Feb-2022 16:41:30 ALS Bottle#: 28 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-A-2 MS
 Misc. Info.: 460-0141938-029
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 21:01:14 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: parekhv

Date: 27-Feb-2022 16:16:26

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.4	108.71
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.6	97.21
\$ 83 Toluene-d8 (Surr)	50.0	51.0	101.99
\$ 105 4-Bromofluorobenzene	50.0	50.1	100.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-252877-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14C-021722 MSD</u>	Lab Sample ID: <u>460-252877-2 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>A15617.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>02/17/2022 09:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>02/26/2022 17:04</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>830484</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.6		1.0	0.40
74-83-9	Bromomethane	18.8		1.0	0.55
75-01-4	Vinyl chloride	16.4		1.0	0.17
75-00-3	Chloroethane	18.9		1.0	0.32
75-09-2	Methylene Chloride	19.9		1.0	0.32
67-64-1	Acetone	87.3		5.0	4.4
75-15-0	Carbon disulfide	18.7		1.0	0.82
75-35-4	1,1-Dichloroethene	19.8		1.0	0.26
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.24
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22
67-66-3	Chloroform	20.9		1.0	0.33
107-06-2	1,2-Dichloroethane	19.5		1.0	0.43
78-93-3	2-Butanone (MEK)	101		5.0	1.9
71-55-6	1,1,1-Trichloroethane	23.3		1.0	0.24
56-23-5	Carbon tetrachloride	27.1		1.0	0.21
75-27-4	Bromodichloromethane	26.0		1.0	0.34
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	22.2		1.0	0.22
79-01-6	Trichloroethene	23.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.7		1.0	0.20
71-43-2	Benzene	21.2		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	22.6		1.0	0.22
75-25-2	Bromoform	27.9		1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	109		5.0	1.3
591-78-6	2-Hexanone	105		5.0	1.1
127-18-4	Tetrachloroethene	21.0		1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	23.4		1.0	0.37
108-88-3	Toluene	20.9		1.0	0.38
108-90-7	Chlorobenzene	20.8		1.0	0.38
100-41-4	Ethylbenzene	20.4		1.0	0.30
100-42-5	Styrene	21.0		1.0	0.42
1330-20-7	Xylenes, Total	41.9		2.0	0.65
74-97-5	Chlorobromomethane	20.5		1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1
SDG No.: _____
Client Sample ID: FSMW14C-021722 MSD Lab Sample ID: 460-252877-2 MSD
Matrix: Water Lab File ID: A15617.D
Analysis Method: 8260D Date Collected: 02/17/2022 09:55
Sample wt/vol: 5 (mL) Date Analyzed: 02/26/2022 17:04
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.: 830484 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15617.D
 Lims ID: 460-252877-A-2 MSD
 Client ID: FSMW14C-021722
 Sample Type: MSD
 Inject. Date: 26-Feb-2022 17:04:30 ALS Bottle#: 29 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-A-2 MSD
 Misc. Info.: 460-0141938-030
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 21:01:14 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: parekhv

Date: 27-Feb-2022 16:16:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.654	1.648	0.006	89	18448	20.0	12.0	a
4 Dichlorodifluoromethane	85	1.702	1.690	0.012	0	53085	20.0	9.46	
165 Chlorodifluoromethane	51	1.721	1.715	0.006	0	95829	20.0	17.4	
6 Chloromethane	50	1.910	1.910	0.000	0	110737	20.0	15.6	
7 Vinyl chloride	62	2.026	2.020	0.006	0	109127	20.0	16.4	
172 Butadiene	39	2.032	2.032	0.000	0	105454	20.0	15.8	
9 Bromomethane	94	2.397	2.391	0.006	0	62251	20.0	18.8	
10 Chloroethane	64	2.471	2.477	-0.006	0	69764	20.0	18.9	
174 Dichlorofluoromethane	67	2.702	2.702	0.000	0	161919	20.0	19.4	
12 Trichlorofluoromethane	101	2.696	2.708	-0.012	0	96731	20.0	17.2	
13 Pentane	72	2.733	2.739	-0.006	0	25163	40.0	23.5	
14 Ethanol	46	2.940	2.952	-0.012	97	21791	800.0	734.8	a
15 Ethyl ether	59	2.964	2.965	0.000	0	75191	20.0	20.6	
16 2-Methyl-1,3-butadiene	53	2.989	2.989	0.000	0	76862	20.0	19.2	
167 1,2-Dichloro-1,1,2-trifluoroethane	17	3.031	3.044	-0.013	93	54526	20.0	16.7	a
171 1,1,1-Trifluoro-2,2-dichloroethane	83	3.098	3.105	-0.007	93	113426	20.0	19.2	a
19 Acrolein	56	3.159	3.160	-0.001	0	20577	40.6	33.8	
20 112TCTFE	101	3.178	3.184	-0.006	0	62273	20.0	17.2	
21 1,1-Dichloroethene	96	3.202	3.202	0.000	0	73734	20.0	19.8	
22 Acetone	58	3.300	3.300	0.000	0	42252	100.0	87.3	
23 Iodomethane	142	3.373	3.373	0.000	0	114202	20.0	20.0	
24 Isopropyl alcohol	45	3.397	3.397	0.000	0	58579	200.0	220.2	
25 Carbon disulfide	76	3.409	3.410	-0.001	0	283645	20.0	18.7	
161 3-Chloro-1-propene	76	3.550	3.550	0.000	0	50647	20.0	20.7	
27 Methyl acetate	43	3.562	3.556	0.006	0	132713	40.0	42.4	
166 Cyclopentene	67	3.568	3.568	0.000	0	208601	20.0	19.2	
29 Acetonitrile	41	3.623	3.617	0.006	0	113132	200.0	176.3	
* 30 TBA-d9 (IS)	65	3.678	3.672	0.006	0	329405	1000.0	1000.0	
31 Methylene Chloride	84	3.684	3.684	0.000	0	92875	20.0	19.9	
32 2-Methyl-2-propanol	59	3.745	3.739	0.006	0	80442	200.0	221.2	
33 Methyl tert-butyl ether	73	3.848	3.848	0.000	0	238592	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.873	3.867	0.006	0	81297	20.0	19.9	
35 Acrylonitrile	53	3.946	3.946	0.000	0	378998	200.0	209.4	
36 Hexane	43	4.019	4.019	0.000	0	71444	20.0	15.6	
37 Isopropyl ether	45	4.220	4.220	0.000	0	307905	20.0	20.8	
38 1,1-Dichloroethane	63	4.257	4.257	0.000	0	160510	20.0	20.1	
39 Vinyl acetate	86	4.263	4.263	0.000	0	31190	40.0	39.2	
40 2-Chloro-1,3-butadiene	88	4.299	4.294	0.005	0	71713	20.0	20.3	
41 Tert-butyl ethyl ether	59	4.513	4.507	0.006	0	263582	20.0	20.6	
* 42 2-Butanone-d5	46	4.684	4.684	0.000	0	408933	250.0	250.0	
43 2,2-Dichloropropane	97	4.708	4.714	-0.006	0	24633	20.0	19.2	
44 cis-1,2-Dichloroethene	96	4.720	4.720	0.000	0	89304	20.0	20.8	
46 Ethyl acetate	70	4.726	4.726	0.000	0	18499	40.0	45.6	
45 2-Butanone (MEK)	72	4.726	4.732	-0.006	0	49980	100.0	100.9	
47 Methyl acrylate	55	4.775	4.775	0.000	0	76617	20.0	23.8	
48 Propionitrile	54	4.848	4.848	0.000	0	136616	200.0	147.4	
49 Tetrahydrofuran	72	4.915	4.909	0.006	0	22177	40.0	39.7	
50 Chlorobromomethane	128	4.915	4.915	0.000	0	39207	20.0	20.5	
51 Methacrylonitrile	67	4.933	4.934	-0.001	0	370403	200.0	213.3	
52 Chloroform	83	4.952	4.952	0.000	0	134809	20.0	20.9	
53 Cyclohexane	56	5.074	5.074	0.000	0	155033	20.0	18.2	
54 1,1,1-Trichloroethane	97	5.086	5.080	0.006	0	106633	20.0	23.3	
\$ 55 Dibromofluoromethane (Surr)	113	5.086	5.080	0.006	0	157114	50.0	53.5	
56 Carbon tetrachloride	117	5.177	5.177	0.000	0	73145	20.0	27.1	
57 1,1-Dichloropropene	75	5.202	5.196	0.006	0	110008	20.0	19.7	
58 Isobutyl alcohol	43	5.269	5.269	0.000	0	82175	500.0	508.6	
59 Isooctane	57	5.324	5.324	0.000	0	204882	20.0	16.1	
60 Benzene	78	5.360	5.360	0.000	0	333721	20.0	21.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.366	5.366	0.000	0	211062	50.0	47.8	
62 Isopropyl acetate	61	5.372	5.379	-0.007	0	38515	20.0	23.2	
63 Tert-amyl methyl ether	87	5.397	5.397	0.000	0	70976	20.0	21.0	
64 1,2-Dichloroethane	62	5.427	5.427	0.000	0	105016	20.0	19.5	
65 n-Heptane	71	5.458	5.458	0.000	0	60587	20.0	15.9	
* 66 Fluorobenzene	96	5.586	5.586	0.000	0	569314	50.0	50.0	
67 n-Butanol	56	5.793	5.787	0.006	0	48569	500.0	485.0	
68 Trichloroethene	95	5.872	5.866	0.006	0	87780	20.0	23.4	
69 Ethyl acrylate	99	5.952	5.946	0.006	0	6455	20.0	19.0	
70 Methylcyclohexane	83	5.988	5.988	0.000	0	129472	20.0	17.4	
71 1,2-Dichloropropane	63	6.122	6.122	0.000	0	88272	20.0	19.2	
* 73 1,4-Dioxane-d8	96	6.153	6.153	0.000	0	34848	1000.0	1000.0	
72 Methyl methacrylate	69	6.159	6.159	0.000	0	101388	40.0	40.3	
74 n-Propyl acetate	43	6.195	6.196	-0.001	0	112042	20.0	21.8	
75 1,4-Dioxane	88	6.208	6.202	0.006	0	19182	400.0	447.3	
76 Dibromomethane	93	6.238	6.238	0.000	0	45221	20.0	20.6	
77 Dichlorobromomethane	83	6.360	6.360	0.000	0	86997	20.0	26.0	
79 2-Nitropropane	41	6.647	6.641	0.006	0	17554	40.0	33.2	
80 Epichlorohydrin	57	6.726	6.726	0.000	0	117511	400.0	303.6	
81 cis-1,3-Dichloropropene	75	6.769	6.769	-0.001	0	120138	20.0	22.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.878	6.878	0.000	0	429320	100.0	109.2	
\$ 83 Toluene-d8 (Surr)	98	6.957	6.958	-0.001	0	635216	50.0	49.5	
84 Toluene	91	7.012	7.012	0.000	0	318186	20.0	20.9	
85 Ethyl methacrylate	69	7.226	7.226	0.000	0	88013	20.0	19.6	
86 trans-1,3-Dichloropropene	75	7.232	7.232	0.000	0	105615	20.0	22.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.372	7.372	0.000	0	53377	20.0	20.7	
88 Tetrachloroethene	166	7.415	7.415	0.000	0	62966	20.0	21.0	
89 1,3-Dichloropropane	76	7.500	7.500	0.000	0	113735	20.0	20.4	
90 2-Hexanone	58	7.518	7.518	0.000	0	141983	100.0	104.7	
91 n-Butyl acetate	73	7.567	7.567	0.000	0	18307	20.0	26.2	
92 Chlorodibromomethane	129	7.640	7.640	0.000	0	47938	20.0	28.2	
93 Ethylene Dibromide	107	7.738	7.738	0.000	0	58530	20.0	22.0	
* 94 Chlorobenzene-d5	117	8.018	8.018	0.000	0	386256	50.0	50.0	
95 Chlorobenzene	112	8.037	8.037	0.000	0	185925	20.0	20.8	
96 Ethylbenzene	106	8.079	8.079	0.000	0	107768	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.091	8.092	-0.001	0	57039	20.0	27.4	
98 m-Xylene & p-Xylene	106	8.152	8.153	-0.001	0	129746	20.0	20.7	
99 n-Butyl acrylate	73	8.354	8.348	0.006	0	45670	20.0	22.4	
100 o-Xylene	106	8.402	8.402	0.000	0	134700	20.0	21.2	
101 Styrene	104	8.415	8.415	0.000	0	202034	20.0	21.0	
102 Amyl acetate (mixed isomers)	43	8.482	8.482	0.000	0	130333	20.0	22.1	
103 Bromoform	173	8.555	8.555	0.000	0	25592	20.0	27.9	
104 Isopropylbenzene	105	8.604	8.604	0.000	0	353279	20.0	22.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.732	0.000	0	159941	50.0	49.7	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.811	0.000	0	94110	20.0	23.4	
107 Bromobenzene	156	8.823	8.823	0.000	0	73323	20.0	20.7	
108 N-Propylbenzene	91	8.835	8.835	0.000	0	429487	20.0	21.5	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.848	-0.001	0	21132	20.0	20.5	
110 1,2,3-Trichloropropane	110	8.853	8.854	-0.001	0	24444	20.0	20.6	
169 4-Ethyltoluene	105	8.896	8.896	0.000	0	345445	20.0	21.7	
112 2-Chlorotoluene	91	8.908	8.908	0.000	0	320552	20.0	20.9	
113 1,3,5-Trimethylbenzene	105	8.933	8.933	0.000	0	297477	20.0	21.0	
114 Butyl Methacrylate	87	8.957	8.957	0.000	0	73800	20.0	18.5	
115 4-Chlorotoluene	91	8.975	8.976	-0.001	0	252025	20.0	20.9	
116 tert-Butylbenzene	119	9.110	9.110	0.000	0	239609	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	9.146	9.146	0.000	0	300085	20.0	21.4	
118 sec-Butylbenzene	134	9.238	9.238	0.000	0	71182	20.0	20.5	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	0	313524	20.0	21.5	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	0	148243	20.0	20.6	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.384	0.000	0	203863	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	0	151930	20.0	20.7	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	0	330499	20.0	21.8	
124 Benzyl chloride	91	9.481	9.482	-0.001	0	130884	20.0	17.4	
162 2,3-Dihydroindene	117	9.530	9.530	0.000	0	322238	20.0	21.4	
164 p-Diethylbenzene	119	9.536	9.536	0.000	0	181004	20.0	21.0	
127 n-Butylbenzene	92	9.555	9.555	0.000	0	179505	20.0	20.3	
128 1,2-Dichlorobenzene	146	9.634	9.634	0.000	0	149579	20.0	20.7	
163 1,2,4,5-Tetramethylbenzene	119	10.054	10.055	-0.001	0	289388	20.0	20.9	
130 1,2-Dibromo-3-Chloropropane	157	10.164	10.164	0.000	0	14890	20.0	22.1	
131 1,3,5-Trichlorobenzene	180	10.268	10.268	0.000	0	110903	20.0	20.2	
132 1,2,4-Trichlorobenzene	180	10.786	10.786	0.000	0	100646	20.0	20.0	
133 Hexachlorobutadiene	225	10.865	10.865	0.000	0	43354	20.0	21.9	
134 Naphthalene	128	11.036	11.036	0.000	0	270152	20.0	21.6	
135 1,2,3-Trichlorobenzene	180	11.262	11.262	0.000	0	90855	20.0	20.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	41.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

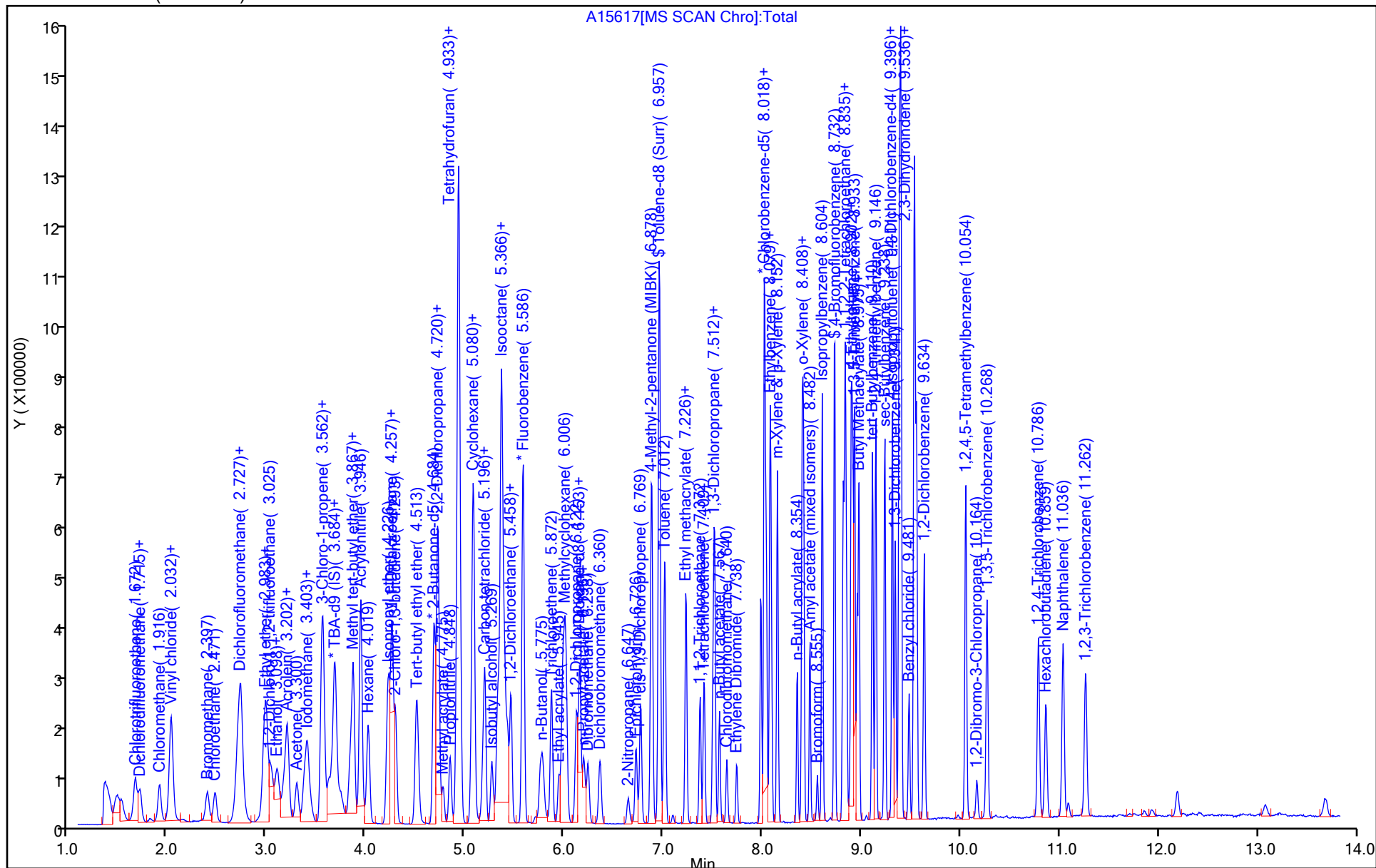
Reagents:

8260MIX1COMB_00150	Amount Added: 20.00	Units: uL	
GASES Li_00464	Amount Added: 20.00	Units: uL	
524freon_00049	Amount Added: 20.00	Units: uL	
ACROLEIN W_00137	Amount Added: 4.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00224	Amount Added: 1.00	Units: uL	Run Reagent

Chrom Revision: 2.3 16-Feb-2022 17:52:00

Operator ID: VOA GC/MS1

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\A15617.D
 Lims ID: 460-252877-A-2 MSD
 Client ID: FSMW14C-021722
 Sample Type: MSD
 Inject. Date: 26-Feb-2022 17:04:30 ALS Bottle#: 29 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-252877-A-2 MSD
 Misc. Info.: 460-0141938-030
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20220226-141938.b\8260624W_1.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 27-Feb-2022 21:01:14 Calib Date: 25-Feb-2022 13:09:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20220225-141906.b\A15579.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: parekhv

Date: 27-Feb-2022 16:16:54

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.5	107.02
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.8	95.51
\$ 83 Toluene-d8 (Surr)	50.0	49.5	99.07
\$ 105 4-Bromofluorobenzene	50.0	49.7	99.45

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison

Job No.: 460-252877-1

SDG No.:

Instrument ID: CVOAMS1

Start Date: 12/23/2021 15:17

Analysis Batch Number: 820619

End Date: 12/24/2021 05:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-820619/1		12/23/2021 15:17	1	A13127.D	Rtx-624 0.25 (mm)
STD7 460-820619/3 IC		12/23/2021 16:04	1	A13129.D	Rtx-624 0.25 (mm)
STD1 460-820619/4 IC		12/23/2021 16:27	1	A13130.D	Rtx-624 0.25 (mm)
STD5 460-820619/5 IC		12/23/2021 16:50	1	A13131.D	Rtx-624 0.25 (mm)
STD20 460-820619/6 ICIS		12/23/2021 17:13	1	A13132.D	Rtx-624 0.25 (mm)
STD50 460-820619/7 IC		12/23/2021 17:36	1	A13133.D	Rtx-624 0.25 (mm)
STD200 460-820619/8 IC		12/23/2021 17:59	1	A13134.D	Rtx-624 0.25 (mm)
STD500 460-820619/9 IC		12/23/2021 18:22	1	A13135.D	Rtx-624 0.25 (mm)
ICV 460-820619/15		12/23/2021 20:39	1	A13141.D	Rtx-624 0.25 (mm)
ZZZZZ		12/23/2021 21:23	1		Rtx-624 0.25 (mm)
ZZZZZ		12/23/2021 21:46	1		Rtx-624 0.25 (mm)
ZZZZZ		12/23/2021 22:54	1		Rtx-624 0.25 (mm)
ZZZZZ		12/23/2021 23:17	1		Rtx-624 0.25 (mm)
ZZZZZ		12/23/2021 23:40	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 00:03	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 00:26	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 00:49	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 01:12	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 01:35	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 01:58	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 02:21	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 02:44	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 03:07	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 03:30	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 03:53	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 04:16	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 04:38	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 05:02	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 05:25	1		Rtx-624 0.25 (mm)
ZZZZZ		12/24/2021 05:47	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 02/23/2022 18:31Analysis Batch Number: 829917 End Date: 02/24/2022 05:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/23/2022 18:31	1		Rtx-624 0.25 (mm)
CCVIS 460-829917/2		02/23/2022 18:44	1	A15484.D	Rtx-624 0.25 (mm)
LCS 460-829917/4		02/23/2022 19:41	1	A15486.D	Rtx-624 0.25 (mm)
LCSD 460-829917/5		02/23/2022 20:04	1	A15487.D	Rtx-624 0.25 (mm)
MB 460-829917/8		02/23/2022 21:13	1	A15490.D	Rtx-624 0.25 (mm)
ZZZZZ		02/23/2022 21:36	1		Rtx-624 0.25 (mm)
ZZZZZ		02/23/2022 21:59	1		Rtx-624 0.25 (mm)
ZZZZZ		02/23/2022 22:22	1		Rtx-624 0.25 (mm)
ZZZZZ		02/23/2022 22:45	1		Rtx-624 0.25 (mm)
ZZZZZ		02/23/2022 23:09	1		Rtx-624 0.25 (mm)
ZZZZZ		02/24/2022 00:40	1		Rtx-624 0.25 (mm)
ZZZZZ		02/24/2022 01:03	1		Rtx-624 0.25 (mm)
ZZZZZ		02/24/2022 01:26	1		Rtx-624 0.25 (mm)
ZZZZZ		02/24/2022 01:49	1		Rtx-624 0.25 (mm)
ZZZZZ		02/24/2022 02:13	1		Rtx-624 0.25 (mm)
ZZZZZ		02/24/2022 02:35	1		Rtx-624 0.25 (mm)
460-252877-1	FSMW14B-021722	02/24/2022 02:58	1	A15505.D	Rtx-624 0.25 (mm)
ZZZZZ		02/24/2022 03:21	1		Rtx-624 0.25 (mm)
460-252877-3	FSMW14A-021722	02/24/2022 03:44	1	A15507.D	Rtx-624 0.25 (mm)
460-252877-4	FSMW13B-021722	02/24/2022 04:07	1	A15508.D	Rtx-624 0.25 (mm)
460-252877-6	FSMW13A-021722	02/24/2022 04:53	1	A15510.D	Rtx-624 0.25 (mm)
460-252877-7	DUP01-021722	02/24/2022 05:16	1	A15511.D	Rtx-624 0.25 (mm)
460-252877-8	LRF1-021822	02/24/2022 05:39	1	A15512.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 02/25/2022 10:10Analysis Batch Number: 830341 End Date: 02/25/2022 15:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-830341/1		02/25/2022 10:10	1	A15571.D	Rtx-624 0.25 (mm)
STD7 460-830341/3 IC		02/25/2022 10:49	1	A15573.D	Rtx-624 0.25 (mm)
STD1 460-830341/4 IC		02/25/2022 11:12	1	A15574.D	Rtx-624 0.25 (mm)
STD5 460-830341/5 IC		02/25/2022 11:36	1	A15575.D	Rtx-624 0.25 (mm)
STD20 460-830341/6 ICIS		02/25/2022 11:59	1	A15576.D	Rtx-624 0.25 (mm)
STD50 460-830341/7 IC		02/25/2022 12:22	1	A15577.D	Rtx-624 0.25 (mm)
STD200 460-830341/8 IC		02/25/2022 12:45	1	A15578.D	Rtx-624 0.25 (mm)
STD500 460-830341/9 IC		02/25/2022 13:09	1	A15579.D	Rtx-624 0.25 (mm)
ICV 460-830341/15		02/25/2022 15:28	1	A15585.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison

Job No.: 460-252877-1

SDG No.:

Instrument ID: CVOAMS1

Start Date: 02/26/2022 06:04

Analysis Batch Number: 830484

End Date: 02/26/2022 17:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		02/26/2022 06:04	1		Rtx-624 0.25 (mm)
CCVIS 460-830484/3		02/26/2022 06:43	1	A15590.D	Rtx-624 0.25 (mm)
LCS 460-830484/4		02/26/2022 07:06	1	A15591.D	Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 07:29	1		Rtx-624 0.25 (mm)
MB 460-830484/8		02/26/2022 08:38	1	A15595.D	Rtx-624 0.25 (mm)
460-252877-9	EB01-021822	02/26/2022 09:01	1	A15596.D	Rtx-624 0.25 (mm)
460-252877-10	TRIP BLANK	02/26/2022 09:25	1	A15597.D	Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 09:47	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 10:10	1		Rtx-624 0.25 (mm)
460-252877-2	FSMW14C-021722	02/26/2022 10:33	1	A15600.D	Rtx-624 0.25 (mm)
460-252877-5	FSMW13C-021722	02/26/2022 10:56	1	A15601.D	Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 11:19	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 11:42	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 12:05	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 12:28	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 12:51	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 13:14	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 13:37	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 14:00	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 14:23	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 14:46	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 15:09	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 15:32	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 15:55	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 16:18	1		Rtx-624 0.25 (mm)
460-252877-2 MS	FSMW14C-021722 MS	02/26/2022 16:41	1	A15616.D	Rtx-624 0.25 (mm)
460-252877-2 MSD	FSMW14C-021722 MSD	02/26/2022 17:04	1	A15617.D	Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 17:27	1		Rtx-624 0.25 (mm)
ZZZZZ		02/26/2022 17:50	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 820619 Batch Start Date: 12/23/21 15:17 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00136	524freon 00046	8260 SP 00148	8260ISNEW 00129
BFB 460-820619/1		8260D		5 mL	5 mL				
STD7 460-820619/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-820619/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-820619/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-820619/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-820619/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-820619/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-820619/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-820619/15		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00148	8260SURR250 00224	8FreonHi 00039	8FreonsSS 00040	ACROLEIN SP 00132	ACROLEIN W 00134
BFB 460-820619/1		8260D							
STD7 460-820619/3 IC		8260D			1 uL				
STD1 460-820619/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-820619/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-820619/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-820619/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-820619/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-820619/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-820619/15		8260D			1 uL		20 uL	4 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 820619 Batch Start Date: 12/23/21 15:17 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00094	BFB 00030	Ethanol mix 00059	GAS C SP 00441	GAS Hi 00404	GASES Li 00455
BFB 460-820619/1		8260D			1 uL				
STD7 460-820619/3 IC		8260D		20 uL					2.5 uL
STD1 460-820619/4 IC		8260D							10 uL
STD5 460-820619/5 IC		8260D							10 uL
STD20 460-820619/6 ICIS		8260D							20 uL
STD50 460-820619/7 IC		8260D							50 uL
STD200 460-820619/8 IC		8260D				20 uL		20 uL	
STD500 460-820619/9 IC		8260D				50 uL		50 uL	
ICV 460-820619/15		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00118	MIX I Hi 00145				
BFB 460-820619/1		8260D							
STD7 460-820619/3 IC		8260D							
STD1 460-820619/4 IC		8260D							
STD5 460-820619/5 IC		8260D							
STD20 460-820619/6 ICIS		8260D							
STD50 460-820619/7 IC		8260D							
STD200 460-820619/8 IC		8260D		20 uL	20 uL				
STD500 460-820619/9 IC		8260D		50 uL	50 uL				
ICV 460-820619/15		8260D							

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 Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 820619 Batch Start Date: 12/23/21 15:17 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description

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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 829917 Batch Start Date: 02/23/22 18:31 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00048	8260ISNEW 00129	8260MIX1COMB 00150
CCVIS 460-829917/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-829917/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-829917/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-829917/8		8260D		5 mL	5 mL			1 uL	
460-252877-B-1	FSMW14B-021722	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-B-3	FSMW14A-021722	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-B-4	FSMW13B-021722	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-B-6	FSMW13A-021722	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-B-7	DUP01-021722	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-B-8	LRF1-021822	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00224	ACROLEIN W 00136	GASES Li 00464			
CCVIS 460-829917/2		8260D		1 uL	4 uL	20 uL			
LCS 460-829917/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-829917/5		8260D		1 uL	4 uL	20 uL			
MB 460-829917/8		8260D		1 uL					
460-252877-B-1	FSMW14B-021722	8260D	T	1 uL					
460-252877-B-3	FSMW14A-021722	8260D	T	1 uL					
460-252877-B-4	FSMW13B-021722	8260D	T	1 uL					
460-252877-B-6	FSMW13A-021722	8260D	T	1 uL					
460-252877-B-7	DUP01-021722	8260D	T	1 uL					
460-252877-B-8	LRF1-021822	8260D	T	1 uL					

Batch Notes	

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 Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 829917 Batch Start Date: 02/23/22 18:31 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D Batch End Date: _____

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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 830341 Batch Start Date: 02/25/22 10:10 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00138	524freon 00049	8260 SP 00151	8260ISNEW 00129
BFB 460-830341/1		8260D		5 mL	5 mL				
STD7 460-830341/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-830341/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-830341/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-830341/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-830341/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-830341/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-830341/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-830341/15		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00150	8260SURR250 00224	8FreonHi 00041	8FreonsSS 00042	ACROLEIN SP 00134	ACROLEIN W 00137
BFB 460-830341/1		8260D							
STD7 460-830341/3 IC		8260D			1 uL				
STD1 460-830341/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-830341/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-830341/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-830341/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-830341/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-830341/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-830341/15		8260D			1 uL		20 uL	4 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 830341 Batch Start Date: 02/25/22 10:10 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00097	BFB 00031	Ethanol mix 00061	GAS C SP 00450	GAS Hi 00408	GASES Li 00464
BFB 460-830341/1		8260D			1 uL				
STD7 460-830341/3 IC		8260D		20 uL					2.5 uL
STD1 460-830341/4 IC		8260D							10 uL
STD5 460-830341/5 IC		8260D							10 uL
STD20 460-830341/6 ICIS		8260D							20 uL
STD50 460-830341/7 IC		8260D							50 uL
STD200 460-830341/8 IC		8260D				20 uL		20 uL	
STD500 460-830341/9 IC		8260D				50 uL		50 uL	
ICV 460-830341/15		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00120	MIX I Hi 00147				
BFB 460-830341/1		8260D							
STD7 460-830341/3 IC		8260D							
STD1 460-830341/4 IC		8260D							
STD5 460-830341/5 IC		8260D							
STD20 460-830341/6 ICIS		8260D							
STD50 460-830341/7 IC		8260D							
STD200 460-830341/8 IC		8260D		20 uL	20 uL				
STD500 460-830341/9 IC		8260D		50 uL	50 uL				
ICV 460-830341/15		8260D							

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 Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 830341 Batch Start Date: 02/25/22 10:10 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description

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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-252877-1

SDG No.: _____

Batch Number: 830484 Batch Start Date: 02/26/22 06:04 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00049	8260ISNEW 00129	8260MIX1COMB 00150
CCVIS 460-830484/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-830484/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-830484/8		8260D		5 mL	5 mL			1 uL	
460-252877-B-9	EB01-021822	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-B-10	TRIP BLANK	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-A-2	FSMW14C-021722	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-A-5	FSMW13C-021722	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-252877-A-2	FSMW14C-021722	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
MS 460-252877-A-2 MSD	FSMW14C-021722	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00224	ACROLEIN W 00137	GASES Li 00464			
CCVIS 460-830484/3		8260D		1 uL	4 uL	20 uL			
LCS 460-830484/4		8260D		1 uL	4 uL	20 uL			
MB 460-830484/8		8260D		1 uL					
460-252877-B-9	EB01-021822	8260D	T	1 uL					
460-252877-B-10	TRIP BLANK	8260D	T	1 uL					
460-252877-A-2	FSMW14C-021722	8260D	T	1 uL					
460-252877-A-5	FSMW13C-021722	8260D	T	1 uL					
460-252877-A-2	FSMW14C-021722	8260D	T	1 uL	4 uL	20 uL			
MS 460-252877-A-2 MSD	FSMW14C-021722	8260D	T	1 uL	4 uL	20 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

NY DEC

Company Name: EnvSafe		Client Contact		Project Manager: Alex Stark		Site Contact: Star		COC No: 1 of 1 COCs	
Address: 1235 SILEAS Dena Hwy				Tel/Email: 860-920-5172		Lab Contact:		Carrier:	
City/State/Zip: Norwalk, CT				Analysis Turnaround Time				Sampler:	
Phone: 860-920-5172				☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below:				For Lab Use Only:	
Fax:				☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day				Walk-in Client:	
Project Name: SDMSAS Equity				☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day				Lab Sampling:	
Site: Post St.				☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day				Job / SDG No.: 252877	
P O #									

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	COCs	Chain of Custody	Sample Specific Notes
FSMW14B-021722	2/17/22	0835	G	GW	3	N	N	1		
FSMW14C-021722	2/17/22	0955	G	GW	9	N	N	2		
FSMW14A-021722	2/17/22	1040	G	GW	3	N	N	3		
FSMW13B-021722	2/17/22	1345	G	GW	3	N	N	4		
FSMW13C-021722	2/17/22	1415	G	GW	3	N	N	5		
FSMW13A-021722	2/17/22	1555	G	GW	3	N	N	6		
UPD1-021722	2/17/22	1540	G	GW	3	N	N	7		
CRF1-021822	2/18/22	0945	G	GW	3	N	N	8		
EBD1-021822	2/18/22	1010	G	GW	3	N	N	9		
TRyp Blowk	2/18/22		-	AW	2	N	N	10		



460-252877 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard
 ☐ Flammable
 ☐ Skin Irritant
 ☐ Poison B
 ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Released by: <i>[Signature]</i>	Company: EnvSafe	Date/Time: 2/19/22	Received by: <i>[Signature]</i>	Company: Star	Date/Time: 2/19/22
Released by: <i>[Signature]</i>	Company: Star	Date/Time: 2/18/22	Received by: <i>[Signature]</i>	Company: Star	Date/Time: 2/18/22
Released by: <i>[Signature]</i>	Company: Star	Date/Time: 2/18/22	Received by: <i>[Signature]</i>	Company: Star	Date/Time: 2/18/22

1025191

652877

	RAW	CORRECTED
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

[illegible][illegible]

Date: 2/18/22

Login Sample Receipt Checklist

Client: EnSafe, Inc.

Job Number: 460-252877-1

Login Number: 252877

List Number: 1

Creator: Narinkhum, Nudjarin 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	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	

DATA USABILITY SUMMARY REPORT THIRD QUARTER 2022 SAMPLING EVENT

FROST STREET SITES
WESTBURY, NEW YORK

New York State Department of Environmental Conservation Site No. 1-30043-I, -L, -M

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

This Data Usability Summary Report — Third Quarter 2022 Sampling Event (Report) presents the results for groundwater samples collected during the third quarter groundwater sampling activities at the Frost Street sites located in Westbury, New York (Sites). Samples collected and analyzed for volatile organic compounds 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 August 30 and September 1, 2022. Eurofins TestAmerica Laboratories Inc., located in Edison, New Jersey (New York State Department of Health Environmental Laboratory Approval Program certificate number 11452), analyzed the samples. EnSafe Inc. reviewed the data packages 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 Agency, November 2020).

Samples were analyzed for volatile organic compounds by gas chromatography/mass spectrometry via SW-846 Method 8260D.

Data packages were submitted in accordance with the New York State Department of Environmental Conservation Category B Deliverables requirements. United States Environmental Protection Agency 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 460-264728-1 and 460-264899-1.

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 and trip)
* Continuing calibration verification	* Field duplicate precision
* Internal standards	

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

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

Laboratory Qualifiers

J = Estimated — Result is less than the reporting limit but greater than, or equal to, the method detection limit (MDL) and the concentration is an approximate value.

U = Undetected — The analyte was undetected above the MDL.

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

Data Review Qualifiers

U = Undetected — The analyte was undetected above 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 reporting limit.

J- = Estimated Value, Potential Low Bias — One or more quality control parameters were below the lower quality control limit.



3.0 ORGANIC SURROGATES

FSMW4A-083122 had a percent recovery for toluene-d8 of 77%, which was below the control limit of 80-120%. All positive and undetected results were qualified estimated J- and UJ, respectively.

4.0 FIELD BLANKS CONTAMINATION (EQUIPMENT AND TRIP)

2-Butanone, a common laboratory contaminant was detected in equipment blank EB01-083122 at a concentration of 2.3 micrograms per liter (µg/L). 2-Butanone was qualified as undetected “U” in FSMW8A-083122 because it was detected at a concentration of 2.8 µg/L, which was less than five times the concentration detected in EB01-083122.

5.0 OVERALL ASSESSMENT

Data from the groundwater sampling activities at the Sites, were reviewed independently from the laboratory to assess data quality. A total of 681 results were evaluated and reported as final. No results were rejected during the data review process; therefore, analytical completeness was calculated to be 100%. 2-Butanone was qualified as undetected in FSMW8A-083122 due to equipment blank contamination. All positive and undetected results in FSMW4A-083122 were qualified as estimated and may be biased low due to low surrogate recovery. Tetrachloroethene and trichloroethene were detected in FSMW4A-083122 at concentrations of 23 µg/L and 0.66 µg/L. Although these results may be biased low; the New York State Ambient Water Quality Standards and Guidance Values for tetrachloroethene and trichloroethene is 5 µg/L; therefore, this issue does not impact data usability.

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

Table 5-1 Result Flagging Codes				
Data Qualifier	Qualifier Definition	Interpret Result As a Detection?	Result Usable?	Potential Result Bias
No qualifier	Acceptable	Yes	Yes	None expected
J	Estimated	Yes	Yes	High or low
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 by SW846 Method 8260D

Sample Delivery Group	Sample Identification	Laboratory Identification	Sample Date	Sample Type
460-264728-1	FSMW14C-083022	460-264728-1	8/30/2022	Groundwater
460-264728-1	FSMW6B-083122	460-264728-10	8/31/2022	Groundwater
460-264728-1	FSMW9A-083122	460-264728-11	8/31/2022	Groundwater
460-264728-1	TRIP BLANK1-20220824	460-264728-12	8/31/2022	Trip Blank
460-264728-1	FSMW4B-083122	460-264728-13	8/31/2022	Groundwater
460-264728-1	FSMW2A-083122	460-264728-14	8/31/2022	Groundwater
460-264728-1	FSMW14A-083022	460-264728-2	8/30/2022	Groundwater
460-264728-1	FSMW13C-083022	460-264728-3	8/30/2022	Groundwater
460-264728-1	FSMW14B-083022	460-264728-4	8/30/2022	Groundwater
460-264728-1	FSMW13B-083022	460-264728-5	8/30/2022	Groundwater
460-264728-1	FSMW13A-083122	460-264728-6	8/31/2022	Groundwater
460-264728-1	DUP01-083122	460-264728-7	8/31/2022	Duplicate of FSMW 13A-083122
460-264728-1	EB01-083122	460-264728-8	8/31/2022	Equipment Blank
460-264728-1	FSMW8A-083122	460-264728-9	8/31/2022	Groundwater
460-264899-1	FSMW4A-083122	460-264899-1	8/31/2022	Groundwater
460-264728-1	DUP02-083122	460-264728-7	8/31/2022	Duplicate of FSMW 4A-083122
460-264899-1	FSMW1A-083122	460-264899-3	8/31/2022	Groundwater
460-264899-1	LFR1-090122	460-264899-4	9/1/2022	Groundwater
460-264899-1	EB02-090122	460-264899-5	9/1/2022	Equipment Blank
460-264899-1	FSMW3A-090122	460-264899-6	9/1/2022	Groundwater
460-264899-1	TRIP BLANK2-20220824	460-264899-7	9/1/2022	Trip Blank

Attachment B
Final Results after Data Review

Table B-1 Groundwater Sample Final Results after Data Review															
Sample Delivery Group				460-264728-1			460-264728-1			460-264728-1			460-264728-1		
Lab Identification				460-264728-1			460-264728-10			460-264728-11			460-264728-13		
Sample Identification				FSMW14C-083022			FSMW6B-083122			FSMW9A-083122			FSMW4B-083122		
Sample Date				8/30/2022			8/31/2022			8/31/2022			8/31/2022		
Sample Type				Groundwater			Groundwater			Groundwater			Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC
SW8260D	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260D	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U		0.37	U		0.37	U		0.37	U	
SW8260D	1,1,2-Trichloroethane	79-00-5	µg/l	0.2	U		0.2	U		0.2	U		0.2	U	
SW8260D	1,1-Dichloroethane	75-34-3	µg/l	0.26	U		0.26	U		0.26	U		0.26	U	
SW8260D	1,1-Dichloroethene	75-35-4	µg/l	0.26	U		0.26	U		0.26	U		0.26	U	
SW8260D	1,2-Dichloroethane	107-06-2	µg/l	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260D	1,2-Dichloropropane	78-87-5	µg/l	0.35	U		0.35	U		0.35	U		0.35	U	
SW8260D	2-Hexanone	591-78-6	µg/l	1.1	U		1.1	U		1.1	U		1.1	U	
SW8260D	Acetone	67-64-1	µg/l	4.4	U		4.4	U		4.4	U		4.4	U	
SW8260D	Benzene	71-43-2	µg/l	0.2	U		0.2	U		0.2	U		0.2	U	
SW8260D	Bromochloromethane	74-97-5	µg/l	0.41	U		0.41	U		0.41	U		0.41	U	
SW8260D	Bromodichloromethane	75-27-4	µg/l	0.34	U		0.34	U		0.34	U		0.34	U	
SW8260D	Bromoform	75-25-2	µg/l	0.54	U		0.54	U		0.54	U		0.54	U	
SW8260D	Bromomethane	74-83-9	µg/l	0.55	U		0.55	U		0.55	U		0.55	U	
SW8260D	Carbon Disulfide	75-15-0	µg/l	0.82	U		0.82	U		0.82	U		0.82	U	
SW8260D	Carbon Tetrachloride	56-23-5	µg/l	0.49	J		0.21	U		0.21	U		0.21	U	
SW8260D	Chlorobenzene	108-90-7	µg/l	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260D	Chloroethane	75-00-3	µg/l	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260D	Chloroform	67-66-3	µg/l	0.51	J		0.33	U		0.33	U		0.33	U	
SW8260D	Chloromethane (Methyl Chloride)	74-87-3	µg/l	0.4	U		0.4	U		0.4	U		0.4	U	
SW8260D	Cis-1,2-Dichloroethylene	156-59-2	µg/l	1.5			1.2			6.1			0.22	U	
SW8260D	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U		0.22	U		0.22	U		0.22	U	
SW8260D	Ethylbenzene	100-41-4	µg/l	0.3	U		0.3	U		0.3	U		0.3	U	
SW8260D	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U		1.9	U		1.9	U		1.9	U	
SW8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U		1.3	U		1.3	U		1.3	U	
SW8260D	Methylene Chloride	75-09-2	µg/l	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260D	Styrene	100-42-5	µg/l	0.42	U		0.42	U		0.42	U		0.42	U	
SW8260D	Tetrachloroethylene (PCE)	127-18-4	µg/l	1.1			4.1			4.9			2		
SW8260D	Toluene	108-88-3	µg/l	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260D	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260D	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.22	U		0.22	U		0.22	U		0.22	U	
SW8260D	Trichloroethylene (TCE)	79-01-6	µg/l	7.3			1.2			1.4			0.31	U	
SW8260D	Vinyl Chloride	75-01-4	µg/l	0.17	U		0.17	U		0.17	U		0.17	U	
SW8260D	Xylenes	1330-20-7	µg/l	0.65	U		0.65	U		0.65	U		0.65	U	

Table B-1 Groundwater Sample Final Results after Data Review															
Sample Delivery Group				460-264728-1			460-264728-1			460-264728-1			460-264728-1		
Lab Identification				460-264728-14			460-264728-2			460-264728-3			460-264728-4		
Sample Identification				FSMW2A-083122			FSMW14A-083022			FSMW13C-083022			FSMW14B-083022		
Sample Date				8/31/2022			8/30/2022			8/30/2022			8/30/2022		
Sample Type				Groundwater			Groundwater			Groundwater			Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC
SW8260D	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	U		0.24	U		1.6			0.24	U	
SW8260D	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U		0.37	U		0.37	U		0.37	U	
SW8260D	1,1,2-Trichloroethane	79-00-5	µg/l	0.2	U		0.2	U		0.2	U		0.2	U	
SW8260D	1,1-Dichloroethane	75-34-3	µg/l	0.26	U		0.26	U		1.2			0.26	U	
SW8260D	1,1-Dichloroethene	75-35-4	µg/l	0.26	U		0.26	U		8.9			0.5	J	
SW8260D	1,2-Dichloroethane	107-06-2	µg/l	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260D	1,2-Dichloropropane	78-87-5	µg/l	0.35	U		0.35	U		0.35	U		0.35	U	
SW8260D	2-Hexanone	591-78-6	µg/l	1.1	U		1.1	U		1.1	U		1.1	U	
SW8260D	Acetone	67-64-1	µg/l	4.4	U		4.4	U		4.4	U		4.4	U	
SW8260D	Benzene	71-43-2	µg/l	0.2	U		0.2	U		0.2	U		0.28	J	
SW8260D	Bromochloromethane	74-97-5	µg/l	0.41	U		0.41	U		0.41	U		0.41	U	
SW8260D	Bromodichloromethane	75-27-4	µg/l	0.34	U		0.34	U		0.34	U		0.34	U	
SW8260D	Bromoform	75-25-2	µg/l	0.54	U		0.54	U		0.54	U		0.54	U	
SW8260D	Bromomethane	74-83-9	µg/l	0.55	U		0.55	U		0.55	U		0.55	U	
SW8260D	Carbon Disulfide	75-15-0	µg/l	0.82	U		0.82	U		0.82	U		0.82	U	
SW8260D	Carbon Tetrachloride	56-23-5	µg/l	0.21	U		0.21	U		0.94	J		0.21	U	
SW8260D	Chlorobenzene	108-90-7	µg/l	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260D	Chloroethane	75-00-3	µg/l	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260D	Chloroform	67-66-3	µg/l	0.33	U		0.33	U		3.4			0.33	U	
SW8260D	Chloromethane (Methyl Chloride)	74-87-3	µg/l	0.4	U		0.4	U		0.4	U		0.4	U	
SW8260D	Cis-1,2-Dichloroethylene	156-59-2	µg/l	10			0.77	J		6.1			0.67	J	
SW8260D	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U		0.22	U		0.22	U		0.22	U	
SW8260D	Ethylbenzene	100-41-4	µg/l	0.3	U		0.3	U		0.3	U		0.3	U	
SW8260D	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U		1.9	U		1.9	U		1.9	U	
SW8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U		1.3	U		1.3	U		1.3	U	
SW8260D	Methylene Chloride	75-09-2	µg/l	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260D	Styrene	100-42-5	µg/l	0.42	U		0.42	U		0.42	U		0.42	U	
SW8260D	Tetrachloroethylene (PCE)	127-18-4	µg/l	240			32			11			210		
SW8260D	Toluene	108-88-3	µg/l	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260D	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260D	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.22	U		0.22	U		0.22	U		0.22	U	
SW8260D	Trichloroethylene (TCE)	79-01-6	µg/l	11			2.2			33			5.6		
SW8260D	Vinyl Chloride	75-01-4	µg/l	0.17	U		0.17	U		0.77	J		0.17	U	
SW8260D	Xylenes	1330-20-7	µg/l	0.65	U		0.65	U		0.65	U		0.65	U	

Table B-1
Groundwater Sample Final Results after Data Review

Sample Delivery Group				460-264728-1			460-264728-1			460-264728-1			460-264728-1		
Lab Identification				460-264728-5			460-264728-6			460-264728-7			460-264728-9		
Sample Identification				FSMW13B-083022			FSMW13A-083122			DUP01-083122			FSMW8A-083122		
Sample Date				8/30/2022			8/31/2022			8/31/2022			8/31/2022		
Sample Type				Groundwater			Groundwater			Duplicate			Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC
SW8260D	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260D	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U		0.37	U		0.37	U		0.37	U	
SW8260D	1,1,2-Trichloroethane	79-00-5	µg/l	0.2	U		0.2	U		0.2	U		0.2	U	
SW8260D	1,1-Dichloroethane	75-34-3	µg/l	0.26	U		0.26	U		0.26	U		0.26	U	
SW8260D	1,1-Dichloroethene	75-35-4	µg/l	0.26	U		0.26	U		0.26	U		0.26	U	
SW8260D	1,2-Dichloroethane	107-06-2	µg/l	0.43	U		0.43	U		0.43	U		0.43	U	
SW8260D	1,2-Dichloropropane	78-87-5	µg/l	0.35	U		1.4			1.3			0.35	U	
SW8260D	2-Hexanone	591-78-6	µg/l	1.1	U		1.1	U		1.1	U		1.1	U	
SW8260D	Acetone	67-64-1	µg/l	4.4	U		4.4	U		4.4	U		5.4		
SW8260D	Benzene	71-43-2	µg/l	0.2	U		0.2	U		0.2	U		0.2	U	
SW8260D	Bromochloromethane	74-97-5	µg/l	0.41	U		0.41	U		0.41	U		0.41	U	
SW8260D	Bromodichloromethane	75-27-4	µg/l	0.34	U		0.34	U		0.34	U		0.34	U	
SW8260D	Bromoform	75-25-2	µg/l	0.54	U		0.54	U		0.54	U		0.54	U	
SW8260D	Bromomethane	74-83-9	µg/l	0.55	U		0.55	U		0.55	U		0.55	U	
SW8260D	Carbon Disulfide	75-15-0	µg/l	0.82	U		0.82	U		0.82	U		0.82	U	
SW8260D	Carbon Tetrachloride	56-23-5	µg/l	0.21	U		0.21	U		0.21	U		0.21	U	
SW8260D	Chlorobenzene	108-90-7	µg/l	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260D	Chloroethane	75-00-3	µg/l	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260D	Chloroform	67-66-3	µg/l	0.33	U		0.33	U		0.33	U		0.33	U	
SW8260D	Chloromethane (Methyl Chloride)	74-87-3	µg/l	0.4	U		0.4	U		0.4	U		0.4	U	
SW8260D	Cis-1,2-Dichloroethylene	156-59-2	µg/l	0.53	J		2.6			2.9			0.62	J	
SW8260D	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U		0.22	U		0.22	U		0.22	U	
SW8260D	Ethylbenzene	100-41-4	µg/l	0.3	U		0.3	U		0.3	U		0.3	U	
SW8260D	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U		1.9	U		1.9	U		1.9	U	be
SW8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U		1.3	U		1.3	U		1.3	U	
SW8260D	Methylene Chloride	75-09-2	µg/l	0.32	U		0.32	U		0.32	U		0.32	U	
SW8260D	Styrene	100-42-5	µg/l	0.42	U		0.42	U		0.42	U		0.42	U	
SW8260D	Tetrachloroethylene (PCE)	127-18-4	µg/l	20			76			77			4.5		
SW8260D	Toluene	108-88-3	µg/l	0.38	U		0.38	U		0.38	U		0.38	U	
SW8260D	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	U		0.24	U		0.24	U		0.24	U	
SW8260D	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.22	U		0.22	U		0.22	U		0.22	U	
SW8260D	Trichloroethylene (TCE)	79-01-6	µg/l	1.3			2.6			2.7			0.31	U	
SW8260D	Vinyl Chloride	75-01-4	µg/l	0.17	U		0.17	U		0.17	U		0.17	U	
SW8260D	Xylenes	1330-20-7	µg/l	0.65	U		0.65	U		0.65	U		0.65	U	

Table B-1 Groundwater Sample Final Results after Data Review															
Sample Delivery Group				460-264899-1			460-264899-1			460-264899-1			460-264899-1		
Lab Identification				460-264899-1			460-264899-2			460-264899-3			460-264899-4		
Sample Identification				FSMW4A-083122			DUP02-083122			FSMW1A-083122			LFR1-090122		
Sample Date				8/31/2022			8/31/2022			8/31/2022			9/1/2022		
Sample Type				Groundwater			Duplicate			Groundwater			Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC	Result	Qual	RC
SW8260D	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	UJ		0.24	U		0.24	U		0.24	U	
SW8260D	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	UJ		0.37	U		0.37	U		0.37	U	
SW8260D	1,1,2-Trichloroethane	79-00-5	µg/l	0.2	UJ		0.2	U		0.2	U		0.2	U	
SW8260D	1,1-Dichloroethane	75-34-3	µg/l	0.26	UJ		0.26	U		0.26	U		0.26	U	
SW8260D	1,1-Dichloroethene	75-35-4	µg/l	0.26	UJ		0.26	U		0.26	U		0.26	U	
SW8260D	1,2-Dichloroethane	107-06-2	µg/l	0.43	UJ		0.43	U		0.43	U		0.43	U	
SW8260D	1,2-Dichloropropane	78-87-5	µg/l	0.35	UJ		0.35	U		0.35	U		0.35	U	
SW8260D	2-Hexanone	591-78-6	µg/l	1.1	UJ		1.1	U		1.1	U		1.1	U	
SW8260D	Acetone	67-64-1	µg/l	4.4	UJ		4.4	U		4.4	U		6.6		
SW8260D	Benzene	71-43-2	µg/l	0.2	UJ		0.2	U		0.2	U		0.2	U	
SW8260D	Bromochloromethane	74-97-5	µg/l	0.41	UJ		0.41	U		0.41	U		0.41	U	
SW8260D	Bromodichloromethane	75-27-4	µg/l	0.34	UJ		0.34	U		0.34	U		0.34	U	
SW8260D	Bromoform	75-25-2	µg/l	0.54	UJ		0.54	U		0.54	U		0.54	U	
SW8260D	Bromomethane	74-83-9	µg/l	0.55	UJ		0.55	U		0.55	U		0.55	U	
SW8260D	Carbon Disulfide	75-15-0	µg/l	0.82	UJ		0.82	U		0.82	U		0.82	U	
SW8260D	Carbon Tetrachloride	56-23-5	µg/l	0.21	UJ		0.21	U		0.21	U		0.21	U	
SW8260D	Chlorobenzene	108-90-7	µg/l	0.38	UJ		0.38	U		0.38	U		0.38	U	
SW8260D	Chloroethane	75-00-3	µg/l	0.32	UJ		0.32	U		0.32	U		0.32	U	
SW8260D	Chloroform	67-66-3	µg/l	0.33	UJ		0.33	U		0.33	U		0.33	U	
SW8260D	Chloromethane (Methyl Chloride)	74-87-3	µg/l	0.4	UJ		0.4	U		0.4	U		0.4	U	
SW8260D	Cis-1,2-Dichloroethylene	156-59-2	µg/l	0.22	UJ		0.22	U		2.7			14		
SW8260D	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	UJ		0.22	U		0.22	U		0.22	U	
SW8260D	Ethylbenzene	100-41-4	µg/l	0.3	UJ		0.3	U		0.3	U		0.3	U	
SW8260D	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	UJ		1.9	U		1.9	U		1.9	U	
SW8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	UJ		1.3	U		1.3	U		1.3	U	
SW8260D	Methylene Chloride	75-09-2	µg/l	0.32	UJ		0.32	U		0.32	U		0.32	U	
SW8260D	Styrene	100-42-5	µg/l	0.42	UJ		0.42	U		0.42	U		0.42	U	
SW8260D	Tetrachloroethylene (PCE)	127-18-4	µg/l	23	J-		24			23			130		
SW8260D	Toluene	108-88-3	µg/l	0.38	UJ		0.38	U		0.38	U		0.38	U	
SW8260D	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	UJ		0.24	U		0.24	U		0.29	J	
SW8260D	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.22	UJ		0.22	U		0.22	U		0.22	U	
SW8260D	Trichloroethylene (TCE)	79-01-6	µg/l	0.66	J-		0.4	J		3.7			16		
SW8260D	Vinyl Chloride	75-01-4	µg/l	0.17	UJ		0.17	U		0.17	U		0.17	U	
SW8260D	Xylenes	1330-20-7	µg/l	0.65	UJ		0.65	U		0.65	U		0.65	U	

Table B-1
Groundwater Sample Final Results after Data Review

Sample Delivery Group		460-264899-1																	
Lab Identification		460-264899-6																	
Sample Identification		FSMW3A-090122																	
Sample Date		9/1/2022																	
Sample Type		Groundwater																	
Method	Analyte	CAS No	Units	Result	Qual	RC													
SW8260D	1,1,1-Trichloroethane (TCA)	71-55-6	µg/l	0.24	U														
SW8260D	1,1,2,2-Tetrachloroethane	79-34-5	µg/l	0.37	U														
SW8260D	1,1,2-Trichloroethane	79-00-5	µg/l	0.2	U														
SW8260D	1,1-Dichloroethane	75-34-3	µg/l	0.26	U														
SW8260D	1,1-Dichloroethene	75-35-4	µg/l	0.26	U														
SW8260D	1,2-Dichloroethane	107-06-2	µg/l	0.43	U														
SW8260D	1,2-Dichloropropane	78-87-5	µg/l	0.35	U														
SW8260D	2-Hexanone	591-78-6	µg/l	1.1	U														
SW8260D	Acetone	67-64-1	µg/l	4.4	U														
SW8260D	Benzene	71-43-2	µg/l	0.2	U														
SW8260D	Bromochloromethane	74-97-5	µg/l	0.41	U														
SW8260D	Bromodichloromethane	75-27-4	µg/l	0.34	U														
SW8260D	Bromoform	75-25-2	µg/l	0.54	U														
SW8260D	Bromomethane	74-83-9	µg/l	0.55	U														
SW8260D	Carbon Disulfide	75-15-0	µg/l	0.82	U														
SW8260D	Carbon Tetrachloride	56-23-5	µg/l	0.21	U														
SW8260D	Chlorobenzene	108-90-7	µg/l	0.38	U														
SW8260D	Chloroethane	75-00-3	µg/l	0.32	U														
SW8260D	Chloroform	67-66-3	µg/l	0.33	U														
SW8260D	Chloromethane (Methyl Chloride)	74-87-3	µg/l	0.4	U														
SW8260D	Cis-1,2-Dichloroethylene	156-59-2	µg/l	9.3															
SW8260D	Cis-1,3-Dichloropropene	10061-01-5	µg/l	0.22	U														
SW8260D	Ethylbenzene	100-41-4	µg/l	0.3	U														
SW8260D	Methyl Ethyl Ketone (2-Butanone)	78-93-3	µg/l	1.9	U														
SW8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	µg/l	1.3	U														
SW8260D	Methylene Chloride	75-09-2	µg/l	0.32	U														
SW8260D	Styrene	100-42-5	µg/l	0.42	U														
SW8260D	Tetrachloroethylene (PCE)	127-18-4	µg/l	47															
SW8260D	Toluene	108-88-3	µg/l	0.38	U														
SW8260D	Trans-1,2-Dichloroethene	156-60-5	µg/l	0.24	U														
SW8260D	Trans-1,3-Dichloropropene	10061-02-6	µg/l	0.22	U														
SW8260D	Trichloroethylene (TCE)	79-01-6	µg/l	9.6															
SW8260D	Vinyl Chloride	75-01-4	µg/l	0.17	U														
SW8260D	Xylenes	1330-20-7	µg/l	0.65	U														

Table B-1
Groundwater Sample Final Results after Data Review

Notes:

CAS No	=	Chemical Abstracts Service 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 or qualified as undetected due to blank contamination.
UJ	=	Undetected and Estimated — The parameter was analyzed but undetected above the method detection limit and was estimated because of a quality control outlier.
J	=	Estimated — the analyte concentration was above the method detection limit and less than the reporting limit.
J-	=	Estimated Value, Potential Low Bias — One or more quality control parameters was below the lower quality control limit.

Reason Code

be	=	equipment blank contamination
s	=	surrogate recovery outlier

Attachment C
NYSDEC Data Deliverables Packages

ANALYTICAL REPORT

Job Number: 460-264728-1

Job Description: Frost St, Westbury, NY

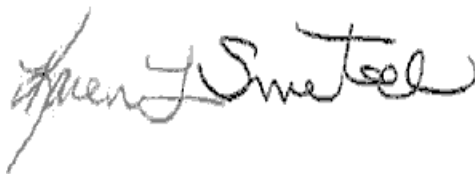
For:

EnSafe, Inc.

5724 Summer Trees Drive

Memphis, TN 38134

Attention: Tina Clemmey



Approved for release.
Karen L. Smetanka
Project Manager I
9/13/2022 2:45 PM

Karen L Smetanka, Project Manager I
777 New Durham Road, Edison, NJ, 08817
karen.Smetanka@et.eurofinsus.com
09/13/2022

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Eurofins Edison

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CASE NARRATIVE

Client: EnSafe, Inc.

Project: Frost St, Westbury, NY

Report Number: 460-264728-1

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 9/3/2022 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

Receipt Exceptions

Per laboratory policy, the Trip Blank sample date/time was changed to reflect the latest sample date/time of the sampling event.

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 FSMW14C-083022 (460-264728-1), FSMW14A-083022 (460-264728-2), FSMW13C-083022 (460-264728-3), FSMW14B-083022 (460-264728-4), FSMW13B-083022 (460-264728-5), FSMW13A-083122 (460-264728-6), DUP01-083122 (460-264728-7), EB01-083122 (460-264728-8), FSMW8A-083122 (460-264728-9), FSMW6B-083122 (460-264728-10), FSMW9A-083122 (460-264728-11), TRIP BLANK (460-264728-12), FSMW4B-083122 (460-264728-13) and FSMW2A-083122 (460-264728-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 09/08/2022 and 09/09/2022.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-264728-1	FSMW14C-083022	Water	08/30/22 13:35	09/03/22 18:00
460-264728-2	FSMW14A-083022	Water	08/30/22 13:50	09/03/22 18:00
460-264728-3	FSMW13C-083022	Water	08/30/22 16:05	09/03/22 18:00
460-264728-4	FSMW14B-083022	Water	08/30/22 16:00	09/03/22 18:00
460-264728-5	FSMW13B-083022	Water	08/30/22 17:40	09/03/22 18:00
460-264728-6	FSMW13A-083122	Water	08/31/22 08:55	09/03/22 18:00
460-264728-7	DUP01-083122	Water	08/31/22 08:57	09/03/22 18:00
460-264728-8	EB01-083122	Water	08/31/22 09:10	09/03/22 18:00
460-264728-9	FSMW8A-083122	Water	08/31/22 10:05	09/03/22 18:00
460-264728-10	FSMW6B-083122	Water	08/31/22 10:35	09/03/22 18:00
460-264728-11	FSMW9A-083122	Water	08/31/22 12:40	09/03/22 18:00
460-264728-12	TRIP BLANK	Water	08/31/22 14:25	09/03/22 18:00
460-264728-13	FSMW4B-083122	Water	08/31/22 13:06	09/03/22 18:00
460-264728-14	FSMW2A-083122	Water	08/31/22 14:25	09/03/22 18:00

Detection Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW14C-083022

Lab Sample ID: 460-264728-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Carbon tetrachloride	0.49	J	1.0	0.21	ug/L	1			8260D	Total/NA
Chloroform	0.51	J	1.0	0.33	ug/L	1			8260D	Total/NA
cis-1,2-Dichloroethene	1.5		1.0	0.22	ug/L	1			8260D	Total/NA
Tetrachloroethene	1.1		1.0	0.25	ug/L	1			8260D	Total/NA
Trichloroethene	7.3		1.0	0.31	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW14A-083022

Lab Sample ID: 460-264728-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.77	J	1.0	0.22	ug/L	1			8260D	Total/NA
Tetrachloroethene	32		1.0	0.25	ug/L	1			8260D	Total/NA
Trichloroethene	2.2		1.0	0.31	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW13C-083022

Lab Sample ID: 460-264728-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.6		1.0	0.24	ug/L	1			8260D	Total/NA
1,1-Dichloroethane	1.2		1.0	0.26	ug/L	1			8260D	Total/NA
1,1-Dichloroethene	8.9		1.0	0.26	ug/L	1			8260D	Total/NA
Carbon tetrachloride	0.94	J	1.0	0.21	ug/L	1			8260D	Total/NA
Chloroform	3.4		1.0	0.33	ug/L	1			8260D	Total/NA
cis-1,2-Dichloroethene	6.1		1.0	0.22	ug/L	1			8260D	Total/NA
Tetrachloroethene	11		1.0	0.25	ug/L	1			8260D	Total/NA
Trichloroethene	33		1.0	0.31	ug/L	1			8260D	Total/NA
Vinyl chloride	0.77	J	1.0	0.17	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW14B-083022

Lab Sample ID: 460-264728-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethene	0.50	J	1.0	0.26	ug/L	1			8260D	Total/NA
Benzene	0.28	J	1.0	0.20	ug/L	1			8260D	Total/NA
cis-1,2-Dichloroethene	0.67	J	1.0	0.22	ug/L	1			8260D	Total/NA
Tetrachloroethene	210		1.0	0.25	ug/L	1			8260D	Total/NA
Trichloroethene	5.6		1.0	0.31	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW13B-083022

Lab Sample ID: 460-264728-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.53	J	1.0	0.22	ug/L	1			8260D	Total/NA
Tetrachloroethene	20		1.0	0.25	ug/L	1			8260D	Total/NA
Trichloroethene	1.3		1.0	0.31	ug/L	1			8260D	Total/NA

Client Sample ID: FSMW13A-083122

Lab Sample ID: 460-264728-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichloropropane	1.4		1.0	0.35	ug/L	1			8260D	Total/NA
cis-1,2-Dichloroethene	2.6		1.0	0.22	ug/L	1			8260D	Total/NA
Tetrachloroethene	76		1.0	0.25	ug/L	1			8260D	Total/NA
Trichloroethene	2.6		1.0	0.31	ug/L	1			8260D	Total/NA

Client Sample ID: DUP01-083122

Lab Sample ID: 460-264728-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2-Dichloropropane	1.3		1.0	0.35	ug/L	1			8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: DUP01-083122 (Continued)

Lab Sample ID: 460-264728-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.9		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	77		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	2.7		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: EB01-083122

Lab Sample ID: 460-264728-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.3	J	5.0	1.9	ug/L	1		8260D	Total/NA

Client Sample ID: FSMW8A-083122

Lab Sample ID: 460-264728-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.8	J	5.0	1.9	ug/L	1		8260D	Total/NA
Acetone	5.4		5.0	4.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.62	J	1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.5		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: FSMW6B-083122

Lab Sample ID: 460-264728-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.1		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.2		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FSMW9A-083122

Lab Sample ID: 460-264728-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.1		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.9		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.4		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-264728-12

No Detections.

Client Sample ID: FSMW4B-083122

Lab Sample ID: 460-264728-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.0		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: FSMW2A-083122

Lab Sample ID: 460-264728-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	10		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	240		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	11		1.0	0.31	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Method Summary

Client: EnSafe, Inc.

Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

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

Protocol References:

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

Laboratory References:

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

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW14C-083022

Lab Sample ID: 460-264728-1

Date Collected: 08/30/22 13:35

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/08/22 23:11	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/08/22 23:11	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/08/22 23:11	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/08/22 23:11	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/08/22 23:11	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/08/22 23:11	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/08/22 23:11	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/08/22 23:11	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/08/22 23:11	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/08/22 23:11	1
Acetone	4.4	U	5.0	4.4	ug/L			09/08/22 23:11	1
Benzene	0.20	U	1.0	0.20	ug/L			09/08/22 23:11	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/08/22 23:11	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/08/22 23:11	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/08/22 23:11	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/08/22 23:11	1
Carbon tetrachloride	0.49	J	1.0	0.21	ug/L			09/08/22 23:11	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/08/22 23:11	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/08/22 23:11	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/08/22 23:11	1
Chloroform	0.51	J	1.0	0.33	ug/L			09/08/22 23:11	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/08/22 23:11	1
cis-1,2-Dichloroethene	1.5		1.0	0.22	ug/L			09/08/22 23:11	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 23:11	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/08/22 23:11	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/08/22 23:11	1
Styrene	0.42	U	1.0	0.42	ug/L			09/08/22 23:11	1
Tetrachloroethene	1.1		1.0	0.25	ug/L			09/08/22 23:11	1
Toluene	0.38	U	1.0	0.38	ug/L			09/08/22 23:11	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/08/22 23:11	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 23:11	1
Trichloroethene	7.3		1.0	0.31	ug/L			09/08/22 23:11	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/08/22 23:11	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/08/22 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		70 - 128		09/08/22 23:11	1
4-Bromofluorobenzene	89		76 - 120		09/08/22 23:11	1
Dibromofluoromethane (Surr)	94		77 - 124		09/08/22 23:11	1
Toluene-d8 (Surr)	81		80 - 120		09/08/22 23:11	1

Client Sample ID: FSMW14A-083022

Lab Sample ID: 460-264728-2

Date Collected: 08/30/22 13:50

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/08/22 23:36	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/08/22 23:36	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/08/22 23:36	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW14A-083022

Lab Sample ID: 460-264728-2

Date Collected: 08/30/22 13:50

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/08/22 23:36	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/08/22 23:36	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/08/22 23:36	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/08/22 23:36	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/08/22 23:36	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/08/22 23:36	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/08/22 23:36	1
Acetone	4.4	U	5.0	4.4	ug/L			09/08/22 23:36	1
Benzene	0.20	U	1.0	0.20	ug/L			09/08/22 23:36	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/08/22 23:36	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/08/22 23:36	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/08/22 23:36	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/08/22 23:36	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/08/22 23:36	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/08/22 23:36	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/08/22 23:36	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/08/22 23:36	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/08/22 23:36	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/08/22 23:36	1
cis-1,2-Dichloroethene	0.77	J	1.0	0.22	ug/L			09/08/22 23:36	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 23:36	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/08/22 23:36	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/08/22 23:36	1
Styrene	0.42	U	1.0	0.42	ug/L			09/08/22 23:36	1
Tetrachloroethene	32		1.0	0.25	ug/L			09/08/22 23:36	1
Toluene	0.38	U	1.0	0.38	ug/L			09/08/22 23:36	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/08/22 23:36	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 23:36	1
Trichloroethene	2.2		1.0	0.31	ug/L			09/08/22 23:36	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/08/22 23:36	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/08/22 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 128		09/08/22 23:36	1
4-Bromofluorobenzene	105		76 - 120		09/08/22 23:36	1
Dibromofluoromethane (Surr)	105		77 - 124		09/08/22 23:36	1
Toluene-d8 (Surr)	95		80 - 120		09/08/22 23:36	1

Client Sample ID: FSMW13C-083022

Lab Sample ID: 460-264728-3

Date Collected: 08/30/22 16:05

Matrix: Water

Date Received: 09/03/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.6		1.0	0.24	ug/L			09/09/22 00:02	1
1,1,1,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 00:02	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 00:02	1
1,1-Dichloroethane	1.2		1.0	0.26	ug/L			09/09/22 00:02	1
1,1-Dichloroethene	8.9		1.0	0.26	ug/L			09/09/22 00:02	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 00:02	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW13C-083022

Lab Sample ID: 460-264728-3

Date Collected: 08/30/22 16:05

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 00:02	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 00:02	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 00:02	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 00:02	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 00:02	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 00:02	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 00:02	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 00:02	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 00:02	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 00:02	1
Carbon tetrachloride	0.94	J	1.0	0.21	ug/L			09/09/22 00:02	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 00:02	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 00:02	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 00:02	1
Chloroform	3.4		1.0	0.33	ug/L			09/09/22 00:02	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 00:02	1
cis-1,2-Dichloroethene	6.1		1.0	0.22	ug/L			09/09/22 00:02	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 00:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 00:02	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 00:02	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 00:02	1
Tetrachloroethene	11		1.0	0.25	ug/L			09/09/22 00:02	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 00:02	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 00:02	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 00:02	1
Trichloroethene	33		1.0	0.31	ug/L			09/09/22 00:02	1
Vinyl chloride	0.77	J	1.0	0.17	ug/L			09/09/22 00:02	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 00:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 128		09/09/22 00:02	1
4-Bromofluorobenzene	103		76 - 120		09/09/22 00:02	1
Dibromofluoromethane (Surr)	105		77 - 124		09/09/22 00:02	1
Toluene-d8 (Surr)	95		80 - 120		09/09/22 00:02	1

Client Sample ID: FSMW14B-083022

Lab Sample ID: 460-264728-4

Date Collected: 08/30/22 16:00

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 00:27	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 00:27	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 00:27	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 00:27	1
1,1-Dichloroethene	0.50	J	1.0	0.26	ug/L			09/09/22 00:27	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 00:27	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 00:27	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 00:27	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 00:27	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW14B-083022

Lab Sample ID: 460-264728-4

Date Collected: 08/30/22 16:00

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 00:27	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 00:27	1
Benzene	0.28	J	1.0	0.20	ug/L			09/09/22 00:27	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 00:27	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 00:27	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 00:27	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 00:27	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 00:27	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 00:27	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 00:27	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 00:27	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 00:27	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 00:27	1
cis-1,2-Dichloroethene	0.67	J	1.0	0.22	ug/L			09/09/22 00:27	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 00:27	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 00:27	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 00:27	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 00:27	1
Tetrachloroethene	210		1.0	0.25	ug/L			09/09/22 00:27	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 00:27	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 00:27	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 00:27	1
Trichloroethene	5.6		1.0	0.31	ug/L			09/09/22 00:27	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 00:27	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 128		09/09/22 00:27	1
4-Bromofluorobenzene	101		76 - 120		09/09/22 00:27	1
Dibromofluoromethane (Surr)	109		77 - 124		09/09/22 00:27	1
Toluene-d8 (Surr)	94		80 - 120		09/09/22 00:27	1

Client Sample ID: FSMW13B-083022

Lab Sample ID: 460-264728-5

Date Collected: 08/30/22 17:40

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 00:52	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 00:52	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 00:52	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 00:52	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 00:52	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 00:52	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 00:52	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 00:52	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 00:52	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 00:52	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 00:52	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 00:52	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW13B-083022

Lab Sample ID: 460-264728-5

Date Collected: 08/30/22 17:40

Matrix: Water

Date Received: 09/03/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 00:52	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 00:52	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 00:52	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 00:52	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 00:52	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 00:52	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 00:52	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 00:52	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 00:52	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 00:52	1
cis-1,2-Dichloroethene	0.53	J	1.0	0.22	ug/L			09/09/22 00:52	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 00:52	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 00:52	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 00:52	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 00:52	1
Tetrachloroethene	20		1.0	0.25	ug/L			09/09/22 00:52	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 00:52	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 00:52	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 00:52	1
Trichloroethene	1.3		1.0	0.31	ug/L			09/09/22 00:52	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 00:52	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 128		09/09/22 00:52	1
4-Bromofluorobenzene	105		76 - 120		09/09/22 00:52	1
Dibromofluoromethane (Surr)	110		77 - 124		09/09/22 00:52	1
Toluene-d8 (Surr)	97		80 - 120		09/09/22 00:52	1

Client Sample ID: FSMW13A-083122

Lab Sample ID: 460-264728-6

Date Collected: 08/31/22 08:55

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 01:17	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 01:17	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 01:17	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 01:17	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 01:17	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 01:17	1
1,2-Dichloropropane	1.4		1.0	0.35	ug/L			09/09/22 01:17	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 01:17	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 01:17	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 01:17	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 01:17	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 01:17	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 01:17	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 01:17	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 01:17	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW13A-083122

Lab Sample ID: 460-264728-6

Date Collected: 08/31/22 08:55

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 01:17	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 01:17	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 01:17	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 01:17	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 01:17	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 01:17	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 01:17	1
cis-1,2-Dichloroethene	2.6		1.0	0.22	ug/L			09/09/22 01:17	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 01:17	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 01:17	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 01:17	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 01:17	1
Tetrachloroethene	76		1.0	0.25	ug/L			09/09/22 01:17	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 01:17	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 01:17	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 01:17	1
Trichloroethene	2.6		1.0	0.31	ug/L			09/09/22 01:17	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 01:17	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 01:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 128		09/09/22 01:17	1
4-Bromofluorobenzene	105		76 - 120		09/09/22 01:17	1
Dibromofluoromethane (Surr)	108		77 - 124		09/09/22 01:17	1
Toluene-d8 (Surr)	97		80 - 120		09/09/22 01:17	1

Client Sample ID: DUP01-083122

Lab Sample ID: 460-264728-7

Date Collected: 08/31/22 08:57

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 01:43	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 01:43	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 01:43	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 01:43	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 01:43	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 01:43	1
1,2-Dichloropropane	1.3		1.0	0.35	ug/L			09/09/22 01:43	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 01:43	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 01:43	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 01:43	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 01:43	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 01:43	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 01:43	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 01:43	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 01:43	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 01:43	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 01:43	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 01:43	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: DUP01-083122

Lab Sample ID: 460-264728-7

Date Collected: 08/31/22 08:57

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 01:43	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 01:43	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 01:43	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 01:43	1
cis-1,2-Dichloroethene	2.9		1.0	0.22	ug/L			09/09/22 01:43	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 01:43	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 01:43	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 01:43	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 01:43	1
Tetrachloroethene	77		1.0	0.25	ug/L			09/09/22 01:43	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 01:43	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 01:43	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 01:43	1
Trichloroethene	2.7		1.0	0.31	ug/L			09/09/22 01:43	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 01:43	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 128		09/09/22 01:43	1
4-Bromofluorobenzene	103		76 - 120		09/09/22 01:43	1
Dibromofluoromethane (Surr)	107		77 - 124		09/09/22 01:43	1
Toluene-d8 (Surr)	95		80 - 120		09/09/22 01:43	1

Client Sample ID: EB01-083122

Lab Sample ID: 460-264728-8

Date Collected: 08/31/22 09:10

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/08/22 22:46	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/08/22 22:46	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/08/22 22:46	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/08/22 22:46	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/08/22 22:46	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/08/22 22:46	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/08/22 22:46	1
2-Butanone (MEK)	2.3	J	5.0	1.9	ug/L			09/08/22 22:46	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/08/22 22:46	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/08/22 22:46	1
Acetone	4.4	U	5.0	4.4	ug/L			09/08/22 22:46	1
Benzene	0.20	U	1.0	0.20	ug/L			09/08/22 22:46	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/08/22 22:46	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/08/22 22:46	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/08/22 22:46	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/08/22 22:46	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/08/22 22:46	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/08/22 22:46	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/08/22 22:46	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/08/22 22:46	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/08/22 22:46	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: EB01-083122

Lab Sample ID: 460-264728-8

Date Collected: 08/31/22 09:10

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/08/22 22:46	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/08/22 22:46	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 22:46	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/08/22 22:46	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/08/22 22:46	1
Styrene	0.42	U	1.0	0.42	ug/L			09/08/22 22:46	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/08/22 22:46	1
Toluene	0.38	U	1.0	0.38	ug/L			09/08/22 22:46	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/08/22 22:46	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 22:46	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/08/22 22:46	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/08/22 22:46	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/08/22 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 128		09/08/22 22:46	1
4-Bromofluorobenzene	103		76 - 120		09/08/22 22:46	1
Dibromofluoromethane (Surr)	108		77 - 124		09/08/22 22:46	1
Toluene-d8 (Surr)	96		80 - 120		09/08/22 22:46	1

Client Sample ID: FSMW8A-083122

Lab Sample ID: 460-264728-9

Date Collected: 08/31/22 10:05

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 02:08	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 02:08	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 02:08	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 02:08	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 02:08	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 02:08	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 02:08	1
2-Butanone (MEK)	2.8	J	5.0	1.9	ug/L			09/09/22 02:08	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 02:08	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 02:08	1
Acetone	5.4		5.0	4.4	ug/L			09/09/22 02:08	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 02:08	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 02:08	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 02:08	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 02:08	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 02:08	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 02:08	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 02:08	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 02:08	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 02:08	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 02:08	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 02:08	1
cis-1,2-Dichloroethene	0.62	J	1.0	0.22	ug/L			09/09/22 02:08	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 02:08	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW8A-083122

Lab Sample ID: 460-264728-9

Date Collected: 08/31/22 10:05

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 02:08	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 02:08	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 02:08	1
Tetrachloroethene	4.5		1.0	0.25	ug/L			09/09/22 02:08	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 02:08	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 02:08	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 02:08	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/09/22 02:08	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 02:08	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 128		09/09/22 02:08	1
4-Bromofluorobenzene	105		76 - 120		09/09/22 02:08	1
Dibromofluoromethane (Surr)	109		77 - 124		09/09/22 02:08	1
Toluene-d8 (Surr)	97		80 - 120		09/09/22 02:08	1

Client Sample ID: FSMW6B-083122

Lab Sample ID: 460-264728-10

Date Collected: 08/31/22 10:35

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 02:33	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 02:33	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 02:33	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 02:33	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 02:33	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 02:33	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 02:33	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 02:33	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 02:33	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 02:33	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 02:33	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 02:33	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 02:33	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 02:33	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 02:33	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 02:33	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 02:33	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 02:33	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 02:33	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 02:33	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 02:33	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 02:33	1
cis-1,2-Dichloroethene	1.2		1.0	0.22	ug/L			09/09/22 02:33	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 02:33	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 02:33	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 02:33	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 02:33	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW6B-083122

Lab Sample ID: 460-264728-10

Date Collected: 08/31/22 10:35

Matrix: Water

Date Received: 09/03/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	4.1		1.0	0.25	ug/L			09/09/22 02:33	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 02:33	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 02:33	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 02:33	1
Trichloroethene	1.2		1.0	0.31	ug/L			09/09/22 02:33	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 02:33	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 128		09/09/22 02:33	1
4-Bromofluorobenzene	102		76 - 120		09/09/22 02:33	1
Dibromofluoromethane (Surr)	107		77 - 124		09/09/22 02:33	1
Toluene-d8 (Surr)	94		80 - 120		09/09/22 02:33	1

Client Sample ID: FSMW9A-083122

Lab Sample ID: 460-264728-11

Date Collected: 08/31/22 12:40

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 02:58	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 02:58	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 02:58	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 02:58	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 02:58	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 02:58	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 02:58	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 02:58	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 02:58	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 02:58	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 02:58	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 02:58	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 02:58	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 02:58	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 02:58	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 02:58	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 02:58	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 02:58	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 02:58	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 02:58	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 02:58	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 02:58	1
cis-1,2-Dichloroethene	6.1		1.0	0.22	ug/L			09/09/22 02:58	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 02:58	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 02:58	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 02:58	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 02:58	1
Tetrachloroethene	4.9		1.0	0.25	ug/L			09/09/22 02:58	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 02:58	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 02:58	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW9A-083122

Lab Sample ID: 460-264728-11

Date Collected: 08/31/22 12:40

Matrix: Water

Date Received: 09/03/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 02:58	1
Trichloroethene	1.4		1.0	0.31	ug/L			09/09/22 02:58	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 02:58	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 02:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 128		09/09/22 02:58	1
4-Bromofluorobenzene	100		76 - 120		09/09/22 02:58	1
Dibromofluoromethane (Surr)	109		77 - 124		09/09/22 02:58	1
Toluene-d8 (Surr)	94		80 - 120		09/09/22 02:58	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-264728-12

Date Collected: 08/31/22 14:25

Matrix: Water

Date Received: 09/03/22 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			09/08/22 22:21	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/08/22 22:21	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/08/22 22:21	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/08/22 22:21	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/08/22 22:21	1
Acetone	4.4	U	5.0	4.4	ug/L			09/08/22 22:21	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/08/22 22:21	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/08/22 22:21	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/08/22 22:21	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/08/22 22:21	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/08/22 22:21	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/08/22 22:21	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/08/22 22:21	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/08/22 22:21	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/08/22 22:21	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/08/22 22:21	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/08/22 22:21	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/08/22 22:21	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 22:21	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/08/22 22:21	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/08/22 22:21	1
Benzene	0.20	U	1.0	0.20	ug/L			09/08/22 22:21	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 22:21	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/08/22 22:21	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/08/22 22:21	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/08/22 22:21	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/08/22 22:21	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/08/22 22:21	1
Toluene	0.38	U	1.0	0.38	ug/L			09/08/22 22:21	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/08/22 22:21	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/08/22 22:21	1
Styrene	0.42	U	1.0	0.42	ug/L			09/08/22 22:21	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/08/22 22:21	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-264728-12

Date Collected: 08/31/22 14:25

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/08/22 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 128					09/08/22 22:21	1
Toluene-d8 (Surr)	93		80 - 120					09/08/22 22:21	1
4-Bromofluorobenzene	102		76 - 120					09/08/22 22:21	1
Dibromofluoromethane (Surr)	106		77 - 124					09/08/22 22:21	1

Client Sample ID: FSMW4B-083122

Lab Sample ID: 460-264728-13

Date Collected: 08/31/22 13:06

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 03:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 03:23	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 03:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 03:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 03:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 03:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 03:23	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 03:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 03:23	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 03:23	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 03:23	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 03:23	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 03:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 03:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 03:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 03:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 03:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 03:23	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 03:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 03:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 03:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 03:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/09/22 03:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 03:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 03:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 03:23	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 03:23	1
Tetrachloroethene	2.0		1.0	0.25	ug/L			09/09/22 03:23	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 03:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 03:23	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 03:23	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/09/22 03:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 03:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 03:23	1

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW4B-083122

Lab Sample ID: 460-264728-13

Date Collected: 08/31/22 13:06

Matrix: Water

Date Received: 09/03/22 18:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 128		09/09/22 03:23	1
4-Bromofluorobenzene	102		76 - 120		09/09/22 03:23	1
Dibromofluoromethane (Surr)	109		77 - 124		09/09/22 03:23	1
Toluene-d8 (Surr)	97		80 - 120		09/09/22 03:23	1

Client Sample ID: FSMW2A-083122

Lab Sample ID: 460-264728-14

Date Collected: 08/31/22 14:25

Matrix: Water

Date Received: 09/03/22 18:00

Method: 8260D - 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			09/09/22 03:48	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 03:48	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 03:48	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 03:48	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 03:48	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 03:48	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 03:48	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 03:48	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 03:48	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 03:48	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 03:48	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 03:48	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 03:48	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 03:48	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 03:48	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 03:48	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 03:48	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 03:48	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 03:48	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 03:48	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 03:48	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 03:48	1
cis-1,2-Dichloroethene	10		1.0	0.22	ug/L			09/09/22 03:48	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 03:48	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 03:48	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 03:48	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 03:48	1
Tetrachloroethene	240		1.0	0.25	ug/L			09/09/22 03:48	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 03:48	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 03:48	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 03:48	1
Trichloroethene	11		1.0	0.31	ug/L			09/09/22 03:48	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 03:48	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 128		09/09/22 03:48	1
4-Bromofluorobenzene	101		76 - 120		09/09/22 03:48	1
Dibromofluoromethane (Surr)	108		77 - 124		09/09/22 03:48	1
Toluene-d8 (Surr)	95		80 - 120		09/09/22 03:48	1

Eurofins Edison

Surrogate Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-264728-1	FSMW14C-083022	85	89	94	81
460-264728-2	FSMW14A-083022	101	105	105	95
460-264728-3	FSMW13C-083022	102	103	105	95
460-264728-4	FSMW14B-083022	101	101	109	94
460-264728-5	FSMW13B-083022	105	105	110	97
460-264728-5 MS	FSMW13B-083022	97	106	105	99
460-264728-5 MSD	FSMW13B-083022	99	107	106	96
460-264728-6	FSMW13A-083122	102	105	108	97
460-264728-7	DUP01-083122	102	103	107	95
460-264728-8	EB01-083122	97	103	108	96
460-264728-9	FSMW8A-083122	104	105	109	97
460-264728-10	FSMW6B-083122	100	102	107	94
460-264728-10 MS	FSMW6B-083122	95	109	102	98
460-264728-10 MSD	FSMW6B-083122	79	89	86	81
460-264728-11	FSMW9A-083122	102	100	109	94
460-264728-12	TRIP BLANK	99	102	106	93
460-264728-13	FSMW4B-083122	100	102	109	97
460-264728-14	FSMW2A-083122	102	101	108	95
LCS 460-865303/4	Lab Control Sample	95	108	107	99
MB 460-865303/9	Method Blank	97	104	108	98

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

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

Lab Sample ID: MB 460-865303/9

Matrix: Water

Analysis Batch: 865303

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/08/22 21:56	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/08/22 21:56	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/08/22 21:56	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/08/22 21:56	1
Acetone	4.4	U	5.0	4.4	ug/L			09/08/22 21:56	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/08/22 21:56	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/08/22 21:56	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/08/22 21:56	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/08/22 21:56	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/08/22 21:56	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/08/22 21:56	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/08/22 21:56	1
Benzene	0.20	U	1.0	0.20	ug/L			09/08/22 21:56	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/08/22 21:56	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/08/22 21:56	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/08/22 21:56	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/08/22 21:56	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/08/22 21:56	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/08/22 21:56	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/08/22 21:56	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 21:56	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/08/22 21:56	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/08/22 21:56	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/08/22 21:56	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/08/22 21:56	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/08/22 21:56	1
Toluene	0.38	U	1.0	0.38	ug/L			09/08/22 21:56	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/08/22 21:56	1
Styrene	0.42	U	1.0	0.42	ug/L			09/08/22 21:56	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/08/22 21:56	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/08/22 21:56	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/08/22 21:56	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/08/22 21:56	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/08/22 21:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 128		09/08/22 21:56	1
Toluene-d8 (Surr)	98		80 - 120		09/08/22 21:56	1
4-Bromofluorobenzene	104		76 - 120		09/08/22 21:56	1
Dibromofluoromethane (Surr)	108		77 - 124		09/08/22 21:56	1

Lab Sample ID: LCS 460-865303/4

Matrix: Water

Analysis Batch: 865303

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	20.7		ug/L		103	73 - 130
1,1-Dichloroethene	20.0	21.0		ug/L		105	68 - 133

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

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

Lab Sample ID: LCS 460-865303/4
Matrix: Water
Analysis Batch: 865303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	20.0	21.2		ug/L		106	66 - 129
2-Butanone (MEK)	100	104		ug/L		104	61 - 128
Acetone	100	101		ug/L		101	61 - 134
1,1,1-Trichloroethane	20.0	22.3		ug/L		112	68 - 128
Bromodichloromethane	20.0	21.0		ug/L		105	76 - 121
1,2-Dichloropropane	20.0	20.4		ug/L		102	68 - 128
Bromomethane	20.0	19.2		ug/L		96	32 - 150
Carbon disulfide	20.0	20.7		ug/L		103	64 - 138
Carbon tetrachloride	20.0	22.4		ug/L		112	61 - 131
1,1,2-Trichloroethane	20.0	20.3		ug/L		101	74 - 125
Benzene	20.0	21.6		ug/L		108	71 - 126
Chloroethane	20.0	20.0		ug/L		100	42 - 150
Bromoform	20.0	22.9		ug/L		115	48 - 144
Chloroform	20.0	22.2		ug/L		111	78 - 125
4-Methyl-2-pentanone (MIBK)	100	107		ug/L		107	69 - 128
Chloromethane	20.0	18.9		ug/L		95	43 - 150
2-Hexanone	100	102		ug/L		102	61 - 134
cis-1,2-Dichloroethene	20.0	22.3		ug/L		112	78 - 121
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	74 - 125
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	63 - 139
Methylene Chloride	20.0	20.9		ug/L		105	74 - 127
Chlorobenzene	20.0	21.5		ug/L		108	80 - 120
Tetrachloroethene	20.0	23.1		ug/L		116	70 - 127
Ethylbenzene	20.0	21.0		ug/L		105	78 - 120
Toluene	20.0	20.6		ug/L		103	78 - 120
trans-1,2-Dichloroethene	20.0	20.7		ug/L		103	74 - 126
Styrene	20.0	21.9		ug/L		110	75 - 127
trans-1,3-Dichloropropene	20.0	19.5		ug/L		98	66 - 127
Trichloroethene	20.0	21.3		ug/L		106	71 - 121
Chlorobromomethane	20.0	24.9		ug/L		124	67 - 126
Vinyl chloride	20.0	18.7		ug/L		94	55 - 144
Xylenes, Total	40.0	42.4		ug/L		106	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 128
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene	108		76 - 120
Dibromofluoromethane (Surr)	107		77 - 124

Lab Sample ID: 460-264728-5 MS
Matrix: Water
Analysis Batch: 865303

Client Sample ID: FSMW13B-083022
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	21.4		ug/L		107	68 - 128
1,1,2,2-Tetrachloroethane	0.37	U	20.0	19.3		ug/L		96	63 - 139
1,1,2-Trichloroethane	0.20	U	20.0	21.0		ug/L		105	74 - 125
1,1-Dichloroethane	0.26	U	20.0	21.1		ug/L		105	73 - 130

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

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

Lab Sample ID: 460-264728-5 MS

Matrix: Water

Analysis Batch: 865303

Client Sample ID: FSMW13B-083022

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.26	U	20.0	20.4		ug/L		102	68 - 133
1,2-Dichloroethane	0.43	U	20.0	21.1		ug/L		105	66 - 129
1,2-Dichloropropane	0.35	U	20.0	20.7		ug/L		103	68 - 128
2-Butanone (MEK)	1.9	U	100	98.4		ug/L		98	61 - 128
2-Hexanone	1.1	U	100	94.0		ug/L		94	61 - 134
4-Methyl-2-pentanone (MIBK)	1.3	U	100	101		ug/L		101	69 - 128
Acetone	4.4	U	100	88.4		ug/L		88	61 - 134
Benzene	0.20	U	20.0	20.7		ug/L		104	71 - 126
Bromodichloromethane	0.34	U	20.0	20.8		ug/L		104	76 - 121
Bromoform	0.54	U	20.0	23.2		ug/L		116	48 - 144
Bromomethane	0.55	U	20.0	19.3		ug/L		96	32 - 150
Carbon disulfide	0.82	U	20.0	20.4		ug/L		102	64 - 138
Carbon tetrachloride	0.21	U	20.0	21.7		ug/L		109	61 - 131
Chlorobenzene	0.38	U	20.0	21.0		ug/L		105	80 - 120
Chlorobromomethane	0.41	U	20.0	24.2		ug/L		121	67 - 126
Chloroethane	0.32	U	20.0	20.2		ug/L		101	42 - 150
Chloroform	0.33	U	20.0	21.9		ug/L		110	78 - 125
Chloromethane	0.40	U	20.0	18.5		ug/L		93	43 - 150
cis-1,2-Dichloroethene	0.53	J	20.0	22.2		ug/L		108	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	18.3		ug/L		91	74 - 125
Ethylbenzene	0.30	U	20.0	19.4		ug/L		97	78 - 120
Methylene Chloride	0.32	U	20.0	21.5		ug/L		107	74 - 127
Styrene	0.42	U	20.0	20.9		ug/L		104	75 - 127
Tetrachloroethene	20		20.0	39.3		ug/L		95	70 - 127
Toluene	0.38	U	20.0	20.0		ug/L		100	78 - 120
trans-1,2-Dichloroethene	0.24	U	20.0	20.6		ug/L		103	74 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	18.7		ug/L		94	66 - 127
Trichloroethene	1.3		20.0	21.2		ug/L		99	71 - 121
Vinyl chloride	0.17	U	20.0	17.9		ug/L		90	55 - 144
Xylenes, Total	0.65	U	40.0	38.4		ug/L		96	78 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 128
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene	106		76 - 120
Dibromofluoromethane (Surr)	105		77 - 124

Lab Sample ID: 460-264728-5 MSD

Matrix: Water

Analysis Batch: 865303

Client Sample ID: FSMW13B-083022

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	22.7		ug/L		113	68 - 128	6	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	20.0		ug/L		100	63 - 139	4	30
1,1,2-Trichloroethane	0.20	U	20.0	21.1		ug/L		105	74 - 125	1	30
1,1-Dichloroethane	0.26	U	20.0	21.8		ug/L		109	73 - 130	3	30
1,1-Dichloroethene	0.26	U	20.0	21.0		ug/L		105	68 - 133	3	30
1,2-Dichloroethane	0.43	U	20.0	21.3		ug/L		106	66 - 129	1	30

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

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

Lab Sample ID: 460-264728-5 MSD

Matrix: Water

Analysis Batch: 865303

Client Sample ID: FSMW13B-083022

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane	0.35	U	20.0	21.0		ug/L		105	68 - 128	2	30
2-Butanone (MEK)	1.9	U	100	99.3		ug/L		99	61 - 128	1	30
2-Hexanone	1.1	U	100	100		ug/L		100	61 - 134	6	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	103		ug/L		103	69 - 128	2	30
Acetone	4.4	U	100	90.1		ug/L		90	61 - 134	2	30
Benzene	0.20	U	20.0	21.2		ug/L		106	71 - 126	2	30
Bromodichloromethane	0.34	U	20.0	21.3		ug/L		107	76 - 121	3	30
Bromoform	0.54	U	20.0	23.7		ug/L		118	48 - 144	2	30
Bromomethane	0.55	U	20.0	19.8		ug/L		99	32 - 150	3	30
Carbon disulfide	0.82	U	20.0	21.5		ug/L		108	64 - 138	6	30
Carbon tetrachloride	0.21	U	20.0	22.5		ug/L		113	61 - 131	4	30
Chlorobenzene	0.38	U	20.0	21.7		ug/L		108	80 - 120	3	30
Chlorobromomethane	0.41	U	20.0	24.9		ug/L		125	67 - 126	3	30
Chloroethane	0.32	U	20.0	20.8		ug/L		104	42 - 150	3	30
Chloroform	0.33	U	20.0	22.9		ug/L		115	78 - 125	4	30
Chloromethane	0.40	U	20.0	19.5		ug/L		98	43 - 150	5	30
cis-1,2-Dichloroethene	0.53	J	20.0	23.6		ug/L		115	78 - 121	6	30
cis-1,3-Dichloropropene	0.22	U	20.0	19.0		ug/L		95	74 - 125	4	30
Ethylbenzene	0.30	U	20.0	20.5		ug/L		102	78 - 120	6	30
Methylene Chloride	0.32	U	20.0	21.3		ug/L		107	74 - 127	1	30
Styrene	0.42	U	20.0	21.6		ug/L		108	75 - 127	3	30
Tetrachloroethene	20		20.0	40.4		ug/L		100	70 - 127	3	30
Toluene	0.38	U	20.0	20.5		ug/L		102	78 - 120	2	30
trans-1,2-Dichloroethene	0.24	U	20.0	21.4		ug/L		107	74 - 126	4	30
trans-1,3-Dichloropropene	0.22	U	20.0	19.1		ug/L		96	66 - 127	2	30
Trichloroethene	1.3		20.0	22.1		ug/L		104	71 - 121	4	30
Vinyl chloride	0.17	U	20.0	19.2		ug/L		96	55 - 144	7	30
Xylenes, Total	0.65	U	40.0	40.3		ug/L		101	78 - 120	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 128
Toluene-d8 (Surr)	96		80 - 120
4-Bromofluorobenzene	107		76 - 120
Dibromofluoromethane (Surr)	106		77 - 124

Lab Sample ID: 460-264728-10 MS

Matrix: Water

Analysis Batch: 865303

Client Sample ID: FSMW6B-083122

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	19.6		ug/L		98	68 - 128
1,1,2,2-Tetrachloroethane	0.37	U	20.0	18.3		ug/L		91	63 - 139
1,1,2-Trichloroethane	0.20	U	20.0	19.6		ug/L		98	74 - 125
1,1-Dichloroethane	0.26	U	20.0	18.0		ug/L		90	73 - 130
1,1-Dichloroethene	0.26	U	20.0	18.6		ug/L		93	68 - 133
1,2-Dichloroethane	0.43	U	20.0	19.1		ug/L		96	66 - 129
1,2-Dichloropropane	0.35	U	20.0	18.8		ug/L		94	68 - 128
2-Butanone (MEK)	1.9	U	100	96.8		ug/L		97	61 - 128

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QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

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

Lab Sample ID: 460-264728-10 MS

Matrix: Water

Analysis Batch: 865303

Client Sample ID: FSMW6B-083122

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	1.1	U	100	89.4		ug/L		89	61 - 134
4-Methyl-2-pentanone (MIBK)	1.3	U	100	95.7		ug/L		96	69 - 128
Acetone	4.4	U	100	87.0		ug/L		87	61 - 134
Benzene	0.20	U	20.0	19.2		ug/L		96	71 - 126
Bromodichloromethane	0.34	U	20.0	18.9		ug/L		95	76 - 121
Bromoform	0.54	U	20.0	22.0		ug/L		110	48 - 144
Bromomethane	0.55	U	20.0	17.1		ug/L		86	32 - 150
Carbon disulfide	0.82	U	20.0	18.0		ug/L		90	64 - 138
Carbon tetrachloride	0.21	U	20.0	19.6		ug/L		98	61 - 131
Chlorobenzene	0.38	U	20.0	19.5		ug/L		98	80 - 120
Chlorobromomethane	0.41	U	20.0	21.8		ug/L		109	67 - 126
Chloroethane	0.32	U	20.0	17.3		ug/L		87	42 - 150
Chloroform	0.33	U	20.0	19.5		ug/L		98	78 - 125
Chloromethane	0.40	U	20.0	16.0		ug/L		80	43 - 150
cis-1,2-Dichloroethene	1.2		20.0	21.2		ug/L		100	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	17.2		ug/L		86	74 - 125
Ethylbenzene	0.30	U	20.0	18.4		ug/L		92	78 - 120
Methylene Chloride	0.32	U	20.0	18.7		ug/L		93	74 - 127
Styrene	0.42	U	20.0	19.4		ug/L		97	75 - 127
Tetrachloroethene	4.1		20.0	24.5		ug/L		102	70 - 127
Toluene	0.38	U	20.0	18.5		ug/L		92	78 - 120
trans-1,2-Dichloroethene	0.24	U	20.0	18.7		ug/L		93	74 - 126
trans-1,3-Dichloropropene	0.22	U	20.0	17.8		ug/L		89	66 - 127
Trichloroethene	1.2		20.0	20.3		ug/L		95	71 - 121
Vinyl chloride	0.17	U	20.0	16.0		ug/L		80	55 - 144
Xylenes, Total	0.65	U	40.0	36.4		ug/L		91	78 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 128
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene	109		76 - 120
Dibromofluoromethane (Surr)	102		77 - 124

Lab Sample ID: 460-264728-10 MSD

Matrix: Water

Analysis Batch: 865303

Client Sample ID: FSMW6B-083122

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	22.3		ug/L		111	68 - 128	13	30
1,1,2,2-Tetrachloroethane	0.37	U	20.0	21.1		ug/L		105	63 - 139	14	30
1,1,2-Trichloroethane	0.20	U	20.0	21.7		ug/L		108	74 - 125	10	30
1,1-Dichloroethane	0.26	U	20.0	20.7		ug/L		103	73 - 130	14	30
1,1-Dichloroethene	0.26	U	20.0	21.5		ug/L		107	68 - 133	14	30
1,2-Dichloroethane	0.43	U	20.0	21.8		ug/L		109	66 - 129	13	30
1,2-Dichloropropane	0.35	U	20.0	21.2		ug/L		106	68 - 128	12	30
2-Butanone (MEK)	1.9	U	100	114		ug/L		114	61 - 128	17	30
2-Hexanone	1.1	U	100	109		ug/L		109	61 - 134	20	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	110		ug/L		110	69 - 128	14	30

Eurofins Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

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

Lab Sample ID: 460-264728-10 MSD

Matrix: Water

Analysis Batch: 865303

Client Sample ID: FSMW6B-083122

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	4.4	U	100	94.4		ug/L		94	61 - 134	8	30
Benzene	0.20	U	20.0	21.8		ug/L		109	71 - 126	12	30
Bromodichloromethane	0.34	U	20.0	21.3		ug/L		106	76 - 121	12	30
Bromoform	0.54	U	20.0	25.7		ug/L		128	48 - 144	15	30
Bromomethane	0.55	U	20.0	19.2		ug/L		96	32 - 150	11	30
Carbon disulfide	0.82	U	20.0	20.4		ug/L		102	64 - 138	13	30
Carbon tetrachloride	0.21	U	20.0	22.5		ug/L		113	61 - 131	14	30
Chlorobenzene	0.38	U	20.0	22.3		ug/L		112	80 - 120	13	30
Chlorobromomethane	0.41	U	20.0	24.8		ug/L		124	67 - 126	13	30
Chloroethane	0.32	U	20.0	19.2		ug/L		96	42 - 150	10	30
Chloroform	0.33	U	20.0	22.3		ug/L		111	78 - 125	13	30
Chloromethane	0.40	U	20.0	18.2		ug/L		91	43 - 150	13	30
cis-1,2-Dichloroethene	1.2		20.0	24.4		ug/L		116	78 - 121	14	30
cis-1,3-Dichloropropene	0.22	U	20.0	19.6		ug/L		98	74 - 125	13	30
Ethylbenzene	0.30	U	20.0	20.9		ug/L		104	78 - 120	13	30
Methylene Chloride	0.32	U	20.0	21.1		ug/L		106	74 - 127	12	30
Styrene	0.42	U	20.0	22.5		ug/L		113	75 - 127	15	30
Tetrachloroethene	4.1		20.0	27.7		ug/L		118	70 - 127	12	30
Toluene	0.38	U	20.0	21.0		ug/L		105	78 - 120	13	30
trans-1,2-Dichloroethene	0.24	U	20.0	21.5		ug/L		108	74 - 126	14	30
trans-1,3-Dichloropropene	0.22	U	20.0	19.7		ug/L		99	66 - 127	10	30
Trichloroethene	1.2		20.0	22.8		ug/L		108	71 - 121	12	30
Vinyl chloride	0.17	U	20.0	18.6		ug/L		93	55 - 144	15	30
Xylenes, Total	0.65	U	40.0	42.2		ug/L		106	78 - 120	15	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 128
Toluene-d8 (Surr)	81		80 - 120
4-Bromofluorobenzene	89		76 - 120
Dibromofluoromethane (Surr)	86		77 - 124

Definitions/Glossary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

QC Association Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

GC/MS VOA

Analysis Batch: 865303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-264728-1	FSMW14C-083022	Total/NA	Water	8260D	
460-264728-2	FSMW14A-083022	Total/NA	Water	8260D	
460-264728-3	FSMW13C-083022	Total/NA	Water	8260D	
460-264728-4	FSMW14B-083022	Total/NA	Water	8260D	
460-264728-5	FSMW13B-083022	Total/NA	Water	8260D	
460-264728-6	FSMW13A-083122	Total/NA	Water	8260D	
460-264728-7	DUP01-083122	Total/NA	Water	8260D	
460-264728-8	EB01-083122	Total/NA	Water	8260D	
460-264728-9	FSMW8A-083122	Total/NA	Water	8260D	
460-264728-10	FSMW6B-083122	Total/NA	Water	8260D	
460-264728-11	FSMW9A-083122	Total/NA	Water	8260D	
460-264728-12	TRIP BLANK	Total/NA	Water	8260D	
460-264728-13	FSMW4B-083122	Total/NA	Water	8260D	
460-264728-14	FSMW2A-083122	Total/NA	Water	8260D	
MB 460-865303/9	Method Blank	Total/NA	Water	8260D	
LCS 460-865303/4	Lab Control Sample	Total/NA	Water	8260D	
460-264728-5 MS	FSMW13B-083022	Total/NA	Water	8260D	
460-264728-5 MSD	FSMW13B-083022	Total/NA	Water	8260D	
460-264728-10 MS	FSMW6B-083122	Total/NA	Water	8260D	
460-264728-10 MSD	FSMW6B-083122	Total/NA	Water	8260D	

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: FSMW14C-083022

Lab Sample ID: 460-264728-1

Date Collected: 08/30/22 13:35

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/08/22 23:11

Client Sample ID: FSMW14A-083022

Lab Sample ID: 460-264728-2

Date Collected: 08/30/22 13:50

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/08/22 23:36

Client Sample ID: FSMW13C-083022

Lab Sample ID: 460-264728-3

Date Collected: 08/30/22 16:05

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 00:02

Client Sample ID: FSMW14B-083022

Lab Sample ID: 460-264728-4

Date Collected: 08/30/22 16:00

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 00:27

Client Sample ID: FSMW13B-083022

Lab Sample ID: 460-264728-5

Date Collected: 08/30/22 17:40

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 00:52

Client Sample ID: FSMW13A-083122

Lab Sample ID: 460-264728-6

Date Collected: 08/31/22 08:55

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 01:17

Client Sample ID: DUP01-083122

Lab Sample ID: 460-264728-7

Date Collected: 08/31/22 08:57

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 01:43

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264728-1

Client Sample ID: EB01-083122

Lab Sample ID: 460-264728-8

Date Collected: 08/31/22 09:10

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/08/22 22:46

Client Sample ID: FSMW8A-083122

Lab Sample ID: 460-264728-9

Date Collected: 08/31/22 10:05

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 02:08

Client Sample ID: FSMW6B-083122

Lab Sample ID: 460-264728-10

Date Collected: 08/31/22 10:35

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 02:33

Client Sample ID: FSMW9A-083122

Lab Sample ID: 460-264728-11

Date Collected: 08/31/22 12:40

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 02:58

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-264728-12

Date Collected: 08/31/22 14:25

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/08/22 22:21

Client Sample ID: FSMW4B-083122

Lab Sample ID: 460-264728-13

Date Collected: 08/31/22 13:06

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 03:23

Client Sample ID: FSMW2A-083122

Lab Sample ID: 460-264728-14

Date Collected: 08/31/22 14:25

Matrix: Water

Date Received: 09/03/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865303	VBP	EET EDI	09/09/22 03:48

Laboratory References:

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

Eurofins Edison

Accreditation/Certification Summary

Client: EnSafe, Inc.

Job ID: 460-264728-1

Project/Site: Frost St, Westbury, NY

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-23

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264728-1
 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 #
FSMW14C-083022	460-264728-1	94	85	81	89
FSMW14A-083022	460-264728-2	105	101	95	105
FSMW13C-083022	460-264728-3	105	102	95	103
FSMW14B-083022	460-264728-4	109	101	94	101
FSMW13B-083022	460-264728-5	110	105	97	105
FSMW13A-083122	460-264728-6	108	102	97	105
DUP01-083122	460-264728-7	107	102	95	103
EB01-083122	460-264728-8	108	97	96	103
FSMW8A-083122	460-264728-9	109	104	97	105
FSMW6B-083122	460-264728-10	107	100	94	102
FSMW9A-083122	460-264728-11	109	102	94	100
TRIP BLANK	460-264728-12	106	99	93	102
FSMW4B-083122	460-264728-13	109	100	97	102
FSMW2A-083122	460-264728-14	108	102	95	101
	MB 460-865303/9	108	97	98	104
	LCS 460-865303/4	107	95	99	108
FSMW13B-083022 MS	460-264728-5 MS	105	97	99	106
FSMW6B-083122 MS	460-264728-10 MS	102	95	98	109
FSMW13B-083022 MSD	460-264728-5 MSD	106	99	96	107
FSMW6B-083122 MSD	460-264728-10 MSD	86	79	81	89

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264728-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: J79810.D
 Lab ID: LCS 460-865303/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethane	20.0	20.7	103	73-130	
1,1-Dichloroethene	20.0	21.0	105	68-133	
1,2-Dichloroethane	20.0	21.2	106	66-129	
2-Butanone (MEK)	100	104	104	61-128	
Acetone	100	101	101	61-134	
1,1,1-Trichloroethane	20.0	22.3	112	68-128	
Bromodichloromethane	20.0	21.0	105	76-121	
1,2-Dichloropropane	20.0	20.4	102	68-128	
Bromomethane	20.0	19.2	96	32-150	
Carbon disulfide	20.0	20.7	103	64-138	
Carbon tetrachloride	20.0	22.4	112	61-131	
1,1,2-Trichloroethane	20.0	20.3	101	74-125	
Benzene	20.0	21.6	108	71-126	
Chloroethane	20.0	20.0	100	42-150	
Bromoform	20.0	22.9	115	48-144	
Chloroform	20.0	22.2	111	78-125	
4-Methyl-2-pentanone (MIBK)	100	107	107	69-128	
Chloromethane	20.0	18.9	95	43-150	
2-Hexanone	100	102	102	61-134	
cis-1,2-Dichloroethene	20.0	22.3	112	78-121	
cis-1,3-Dichloropropene	20.0	20.0	100	74-125	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	63-139	
Methylene Chloride	20.0	20.9	105	74-127	
Chlorobenzene	20.0	21.5	108	80-120	
Tetrachloroethene	20.0	23.1	116	70-127	
Ethylbenzene	20.0	21.0	105	78-120	
Toluene	20.0	20.6	103	78-120	
trans-1,2-Dichloroethene	20.0	20.7	103	74-126	
Styrene	20.0	21.9	110	75-127	
trans-1,3-Dichloropropene	20.0	19.5	98	66-127	
Trichloroethene	20.0	21.3	106	71-121	
Chlorobromomethane	20.0	24.9	124	67-126	
Vinyl chloride	20.0	18.7	94	55-144	
Xylenes, Total	40.0	42.4	106	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: J79830.D

Lab ID: 460-264728-5 MS Client ID: FSMW13B-083022 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	21.4	107	68-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	19.3	96	63-139	
1,1,2-Trichloroethane	20.0	0.20 U	21.0	105	74-125	
1,1-Dichloroethane	20.0	0.26 U	21.1	105	73-130	
1,1-Dichloroethene	20.0	0.26 U	20.4	102	68-133	
1,2-Dichloroethane	20.0	0.43 U	21.1	105	66-129	
1,2-Dichloropropane	20.0	0.35 U	20.7	103	68-128	
2-Butanone (MEK)	100	1.9 U	98.4	98	61-128	
2-Hexanone	100	1.1 U	94.0	94	61-134	
4-Methyl-2-pentanone (MIBK)	100	1.3 U	101	101	69-128	
Acetone	100	4.4 U	88.4	88	61-134	
Benzene	20.0	0.20 U	20.7	104	71-126	
Bromodichloromethane	20.0	0.34 U	20.8	104	76-121	
Bromoform	20.0	0.54 U	23.2	116	48-144	
Bromomethane	20.0	0.55 U	19.3	96	32-150	
Carbon disulfide	20.0	0.82 U	20.4	102	64-138	
Carbon tetrachloride	20.0	0.21 U	21.7	109	61-131	
Chlorobenzene	20.0	0.38 U	21.0	105	80-120	
Chlorobromomethane	20.0	0.41 U	24.2	121	67-126	
Chloroethane	20.0	0.32 U	20.2	101	42-150	
Chloroform	20.0	0.33 U	21.9	110	78-125	
Chloromethane	20.0	0.40 U	18.5	93	43-150	
cis-1,2-Dichloroethene	20.0	0.53 U	22.2	108	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	18.3	91	74-125	
Ethylbenzene	20.0	0.30 U	19.4	97	78-120	
Methylene Chloride	20.0	0.32 U	21.5	107	74-127	
Styrene	20.0	0.42 U	20.9	104	75-127	
Tetrachloroethene	20.0	20	39.3	95	70-127	
Toluene	20.0	0.38 U	20.0	100	78-120	
trans-1,2-Dichloroethene	20.0	0.24 U	20.6	103	74-126	
trans-1,3-Dichloropropene	20.0	0.22 U	18.7	94	66-127	
Trichloroethene	20.0	1.3	21.2	99	71-121	
Vinyl chloride	20.0	0.17 U	17.9	90	55-144	
Xylenes, Total	40.0	0.65 U	38.4	96	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: J79832.D

Lab ID: 460-264728-10 MS Client ID: FSMW6B-083122 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	19.6	98	68-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	18.3	91	63-139	
1,1,2-Trichloroethane	20.0	0.20 U	19.6	98	74-125	
1,1-Dichloroethane	20.0	0.26 U	18.0	90	73-130	
1,1-Dichloroethene	20.0	0.26 U	18.6	93	68-133	
1,2-Dichloroethane	20.0	0.43 U	19.1	96	66-129	
1,2-Dichloropropane	20.0	0.35 U	18.8	94	68-128	
2-Butanone (MEK)	100	1.9 U	96.8	97	61-128	
2-Hexanone	100	1.1 U	89.4	89	61-134	
4-Methyl-2-pentanone (MIBK)	100	1.3 U	95.7	96	69-128	
Acetone	100	4.4 U	87.0	87	61-134	
Benzene	20.0	0.20 U	19.2	96	71-126	
Bromodichloromethane	20.0	0.34 U	18.9	95	76-121	
Bromoform	20.0	0.54 U	22.0	110	48-144	
Bromomethane	20.0	0.55 U	17.1	86	32-150	
Carbon disulfide	20.0	0.82 U	18.0	90	64-138	
Carbon tetrachloride	20.0	0.21 U	19.6	98	61-131	
Chlorobenzene	20.0	0.38 U	19.5	98	80-120	
Chlorobromomethane	20.0	0.41 U	21.8	109	67-126	
Chloroethane	20.0	0.32 U	17.3	87	42-150	
Chloroform	20.0	0.33 U	19.5	98	78-125	
Chloromethane	20.0	0.40 U	16.0	80	43-150	
cis-1,2-Dichloroethene	20.0	1.2	21.2	100	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	17.2	86	74-125	
Ethylbenzene	20.0	0.30 U	18.4	92	78-120	
Methylene Chloride	20.0	0.32 U	18.7	93	74-127	
Styrene	20.0	0.42 U	19.4	97	75-127	
Tetrachloroethene	20.0	4.1	24.5	102	70-127	
Toluene	20.0	0.38 U	18.5	92	78-120	
trans-1,2-Dichloroethene	20.0	0.24 U	18.7	93	74-126	
trans-1,3-Dichloropropene	20.0	0.22 U	17.8	89	66-127	
Trichloroethene	20.0	1.2	20.3	95	71-121	
Vinyl chloride	20.0	0.17 U	16.0	80	55-144	
Xylenes, Total	40.0	0.65 U	36.4	91	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: J79831.D

Lab ID: 460-264728-5 MSD Client ID: FSMW13B-083022 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	22.7	113	6	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	4	30	63-139	
1,1,2-Trichloroethane	20.0	21.1	105	1	30	74-125	
1,1-Dichloroethane	20.0	21.8	109	3	30	73-130	
1,1-Dichloroethene	20.0	21.0	105	3	30	68-133	
1,2-Dichloroethane	20.0	21.3	106	1	30	66-129	
1,2-Dichloropropane	20.0	21.0	105	2	30	68-128	
2-Butanone (MEK)	100	99.3	99	1	30	61-128	
2-Hexanone	100	100	100	6	30	61-134	
4-Methyl-2-pentanone (MIBK)	100	103	103	2	30	69-128	
Acetone	100	90.1	90	2	30	61-134	
Benzene	20.0	21.2	106	2	30	71-126	
Bromodichloromethane	20.0	21.3	107	3	30	76-121	
Bromoform	20.0	23.7	118	2	30	48-144	
Bromomethane	20.0	19.8	99	3	30	32-150	
Carbon disulfide	20.0	21.5	108	6	30	64-138	
Carbon tetrachloride	20.0	22.5	113	4	30	61-131	
Chlorobenzene	20.0	21.7	108	3	30	80-120	
Chlorobromomethane	20.0	24.9	125	3	30	67-126	
Chloroethane	20.0	20.8	104	3	30	42-150	
Chloroform	20.0	22.9	115	4	30	78-125	
Chloromethane	20.0	19.5	98	5	30	43-150	
cis-1,2-Dichloroethene	20.0	23.6	115	6	30	78-121	
cis-1,3-Dichloropropene	20.0	19.0	95	4	30	74-125	
Ethylbenzene	20.0	20.5	102	6	30	78-120	
Methylene Chloride	20.0	21.3	107	1	30	74-127	
Styrene	20.0	21.6	108	3	30	75-127	
Tetrachloroethene	20.0	40.4	100	3	30	70-127	
Toluene	20.0	20.5	102	2	30	78-120	
trans-1,2-Dichloroethene	20.0	21.4	107	4	30	74-126	
trans-1,3-Dichloropropene	20.0	19.1	96	2	30	66-127	
Trichloroethene	20.0	22.1	104	4	30	71-121	
Vinyl chloride	20.0	19.2	96	7	30	55-144	
Xylenes, Total	40.0	40.3	101	5	30	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264728-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: J79833.D
 Lab ID: 460-264728-10 MSD Client ID: FSMW6B-083122 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	22.3	111	13	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	14	30	63-139	
1,1,2-Trichloroethane	20.0	21.7	108	10	30	74-125	
1,1-Dichloroethane	20.0	20.7	103	14	30	73-130	
1,1-Dichloroethene	20.0	21.5	107	14	30	68-133	
1,2-Dichloroethane	20.0	21.8	109	13	30	66-129	
1,2-Dichloropropane	20.0	21.2	106	12	30	68-128	
2-Butanone (MEK)	100	114	114	17	30	61-128	
2-Hexanone	100	109	109	20	30	61-134	
4-Methyl-2-pentanone (MIBK)	100	110	110	14	30	69-128	
Acetone	100	94.4	94	8	30	61-134	
Benzene	20.0	21.8	109	12	30	71-126	
Bromodichloromethane	20.0	21.3	106	12	30	76-121	
Bromoform	20.0	25.7	128	15	30	48-144	
Bromomethane	20.0	19.2	96	11	30	32-150	
Carbon disulfide	20.0	20.4	102	13	30	64-138	
Carbon tetrachloride	20.0	22.5	113	14	30	61-131	
Chlorobenzene	20.0	22.3	112	13	30	80-120	
Chlorobromomethane	20.0	24.8	124	13	30	67-126	
Chloroethane	20.0	19.2	96	10	30	42-150	
Chloroform	20.0	22.3	111	13	30	78-125	
Chloromethane	20.0	18.2	91	13	30	43-150	
cis-1,2-Dichloroethene	20.0	24.4	116	14	30	78-121	
cis-1,3-Dichloropropene	20.0	19.6	98	13	30	74-125	
Ethylbenzene	20.0	20.9	104	13	30	78-120	
Methylene Chloride	20.0	21.1	106	12	30	74-127	
Styrene	20.0	22.5	113	15	30	75-127	
Tetrachloroethene	20.0	27.7	118	12	30	70-127	
Toluene	20.0	21.0	105	13	30	78-120	
trans-1,2-Dichloroethene	20.0	21.5	108	14	30	74-126	
trans-1,3-Dichloropropene	20.0	19.7	99	10	30	66-127	
Trichloroethene	20.0	22.8	108	12	30	71-121	
Vinyl chloride	20.0	18.6	93	15	30	55-144	
Xylenes, Total	40.0	42.2	106	15	30	78-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-264728-1
 SDG No.: _____
 Lab File ID: J79815.D Lab Sample ID: MB 460-865303/9
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS8 Date Analyzed: 09/08/2022 21:56
 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 460-865303/4	J79810.D	09/08/2022 19:51
TRIP BLANK	460-264728-12	J79816.D	09/08/2022 22:21
EB01-083122	460-264728-8	J79817.D	09/08/2022 22:46
FSMW14C-083022	460-264728-1	J79818.D	09/08/2022 23:11
FSMW14A-083022	460-264728-2	J79819.D	09/08/2022 23:36
FSMW13C-083022	460-264728-3	J79820.D	09/09/2022 00:02
FSMW14B-083022	460-264728-4	J79821.D	09/09/2022 00:27
FSMW13B-083022	460-264728-5	J79822.D	09/09/2022 00:52
FSMW13A-083122	460-264728-6	J79823.D	09/09/2022 01:17
DUP01-083122	460-264728-7	J79824.D	09/09/2022 01:43
FSMW8A-083122	460-264728-9	J79825.D	09/09/2022 02:08
FSMW6B-083122	460-264728-10	J79826.D	09/09/2022 02:33
FSMW9A-083122	460-264728-11	J79827.D	09/09/2022 02:58
FSMW4B-083122	460-264728-13	J79828.D	09/09/2022 03:23
FSMW2A-083122	460-264728-14	J79829.D	09/09/2022 03:48
FSMW13B-083022 MS	460-264728-5 MS	J79830.D	09/09/2022 04:13
FSMW13B-083022 MSD	460-264728-5 MSD	J79831.D	09/09/2022 04:38
FSMW6B-083122 MS	460-264728-10 MS	J79832.D	09/09/2022 05:04
FSMW6B-083122 MSD	460-264728-10 MSD	J79833.D	09/09/2022 05:29

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

Lab Name: Eurofins Edison Job No.: 460-264728-1
 SDG No.: _____
 Lab File ID: J79476.D BFB Injection Date: 08/31/2022
 Instrument ID: CVOAMS8 BFB Injection Time: 12:09
 Analysis Batch No.: 864088

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	129.1
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	77.5
175	5 - 9% of m/z 174	7.3
176	95 -105% of m/z 174	96.5
177	5 - 10% of m/z 176	7.0

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 460-864088/3	J79478.D	08/31/2022	12:56
	STD1 460-864088/4	J79479.D	08/31/2022	13:22
	STD5 460-864088/5	J79480.D	08/31/2022	13:47
	STD20 460-864088/6	J79481.D	08/31/2022	14:12
	STD50 460-864088/7	J79482.D	08/31/2022	14:37
	STD200 460-864088/8	J79483.D	08/31/2022	15:02
	STD500 460-864088/9	J79484.D	08/31/2022	15:27
	ICV 460-864088/17	J79492.D	08/31/2022	18:48

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

Lab Name: Eurofins Edison Job No.: 460-264728-1
 SDG No.: _____
 Sample No.: STD20 460-864088/6 Date Analyzed: 08/31/2022 14:12
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79481.D Heated Purge: (Y/N) N
 Calibration ID: 91280

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	198143	2.85	304569	3.87	474521	4.94	
UPPER LIMIT	396286	3.35	609138	4.37	949042	5.44	
LOWER LIMIT	99072	2.35	152285	3.37	237261	4.44	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-864088/17		210422	2.85	311704	3.88	474276	4.94

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 Edison Job No.: 460-264728-1
 SDG No.: _____
 Sample No.: STD20 460-864088/6 Date Analyzed: 08/31/2022 14:12
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79481.D Heated Purge: (Y/N) N
 Calibration ID: 91280

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		24096	5.64	358389	8.38	188817	10.74
UPPER LIMIT		48192	6.14	716778	8.88	377634	11.24
LOWER LIMIT		12048	5.14	179195	7.88	94409	10.24
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 460-864088/17		26315	5.63	357660	8.37	199566	10.74

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 Edison Job No.: 460-264728-1
 SDG No.: _____
 Sample No.: CCVIS 460-865303/3 Date Analyzed: 09/08/2022 19:24
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79809.D Heated Purge: (Y/N) N
 Calibration ID: 91280

		TBAd9		BUT		FB		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		180492	2.84	283004	3.87	482016	4.93	
UPPER LIMIT		360984	3.34	566008	4.37	964032	5.43	
LOWER LIMIT		90246	2.34	141502	3.37	241008	4.43	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-865303/4		173799	2.84	275589	3.87	483389	4.93	
MB 460-865303/9		171302	2.84	267686	3.87	470474	4.93	
460-264728-12		TRIP BLANK	177631	2.84	273076	3.86	467619	4.93
460-264728-8		EB01-083122	167748	2.84	267657	3.87	465685	4.93
460-264728-1		FSMW14C-083022	186310	2.84	290852	3.86	459838	4.93
460-264728-2		FSMW14A-083022	217577	2.84	303273	3.87	456737	4.93
460-264728-3		FSMW13C-083022	210284	2.84	324104	3.87	462945	4.93
460-264728-4		FSMW14B-083022	207187	2.84	313483	3.86	454565	4.93
460-264728-5		FSMW13B-083022	225355	2.84	320761	3.87	448698	4.93
460-264728-6		FSMW13A-083122	228275	2.84	336618	3.87	459865	4.93
460-264728-7		DUP01-083122	225715	2.84	334691	3.86	455650	4.93
460-264728-9		FSMW8A-083122	213389	2.84	316074	3.87	455275	4.93
460-264728-10		FSMW6B-083122	187741	2.84	286677	3.86	451233	4.93
460-264728-11		FSMW9A-083122	195978	2.84	289797	3.87	455189	4.93
460-264728-13		FSMW4B-083122	184855	2.84	275512	3.87	454484	4.93
460-264728-14		FSMW2A-083122	189981	2.84	286851	3.87	451839	4.93
460-264728-5 MS		FSMW13B-083022 MS	198437	2.84	303612	3.87	472294	4.93
460-264728-5 MSD		FSMW13B-083022 MSD	218529	2.84	327487	3.87	476746	4.93
460-264728-10 MS		FSMW6B-083122 MS	210289	2.84	318350	3.87	492597	4.93
460-264728-10 MSD		FSMW6B-083122 MSD	219086	2.84	325986	3.87	494526	4.93

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 Edison Job No.: 460-264728-1
 SDG No.: _____
 Sample No.: CCVIS 460-865303/3 Date Analyzed: 09/08/2022 19:24
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79809.D Heated Purge: (Y/N) N
 Calibration ID: 91280

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24933	5.64	374777	8.37	215975	10.73
UPPER LIMIT		49866	6.14	749554	8.87	431950	11.23
LOWER LIMIT		12467	5.14	187389	7.87	107988	10.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-865303/4		23977	5.64	375031	8.36	216734	10.73
MB 460-865303/9		21158	5.63	353392	8.37	207767	10.73
460-264728-12	TRIP BLANK	20954	5.63	360044	8.36	204179	10.74
460-264728-8	EB01-083122	20066	5.63	354109	8.36	204408	10.74
460-264728-1	FSMW14C-083022	21165	5.63	351404	8.36	198923	10.74
460-264728-2	FSMW14A-083022	24258	5.64	346445	8.36	201467	10.73
460-264728-3	FSMW13C-083022	23818	5.64	349886	8.36	201369	10.73
460-264728-4	FSMW14B-083022	23756	5.63	352776	8.36	198294	10.73
460-264728-5	FSMW13B-083022	24405	5.64	343451	8.36	196985	10.73
460-264728-6	FSMW13A-083122	22628	5.63	340271	8.37	193618	10.73
460-264728-7	DUP01-083122	25124	5.63	345820	8.36	195742	10.73
460-264728-9	FSMW8A-083122	22436	5.63	340652	8.37	198294	10.73
460-264728-10	FSMW6B-083122	20782	5.63	342144	8.36	196023	10.73
460-264728-11	FSMW9A-083122	20321	5.64	341368	8.36	195648	10.73
460-264728-13	FSMW4B-083122	20043	5.64	337280	8.36	193296	10.73
460-264728-14	FSMW2A-083122	20999	5.64	346358	8.36	195171	10.73
460-264728-5 MS	FSMW13B-083022 MS	24558	5.64	370466	8.37	218238	10.73
460-264728-5 MSD	FSMW13B-083022 MSD	27939	5.64	379320	8.37	222949	10.73
460-264728-10 MS	FSMW6B-083122 MS	27848	5.63	380611	8.37	219026	10.73
460-264728-10 MSD	FSMW6B-083122 MSD	29007	5.64	385194	8.36	223435	10.73

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14C-083022</u>	Lab Sample ID: <u>460-264728-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79818.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/30/2022 13:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/08/2022 23:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	0.49	J	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	0.51	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.5		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	1.1		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	7.3		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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW14C-083022 Lab Sample ID: 460-264728-1
Matrix: Water Lab File ID: J79818.D
Analysis Method: 8260D Date Collected: 08/30/2022 13:35
Sample wt/vol: 5 (mL) Date Analyzed: 09/08/2022 23:11
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-128
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-124
2037-26-5	Toluene-d8 (Surr)	81		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79818.D
 Lims ID: 460-264728-B-1
 Client ID: FSMW14C-083022
 Sample Type: Client
 Inject. Date: 08-Sep-2022 23:11:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-1
 Misc. Info.: 460-0150151-012
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 08-Sep-2022 23:30:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.837	2.841	-0.004	75	186310	1000.0	
* 43 2-Butanone-d5	46	3.864	3.868	-0.004	86	290852	250.0	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	96	3282	1.49	
52 Chloroform	83	4.173	4.165	0.008	97	1980	0.5103	
\$ 55 Dibromofluoromethane (Surr)	113	4.321	4.325	-0.004	96	95990	46.8	
56 Carbon tetrachloride	117	4.412	4.416	-0.004	90	1296	0.4928	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	114455	42.7	
* 66 Fluorobenzene	96	4.926	4.930	-0.004	98	459838	50.0	
68 Trichloroethene	95	5.280	5.272	0.008	97	15889	7.35	
* 72 1,4-Dioxane-d8	96	5.634	5.638	-0.004	0	21165	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	98	312114	40.7	
88 Tetrachloroethene	166	7.267	7.270	-0.003	88	2126	1.08	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	88	351404	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	95	106951	44.7	
* 121 1,4-Dichlorobenzene-d4	152	10.737	10.730	0.007	95	198923	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79818.D

Injection Date: 08-Sep-2022 23:11:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-1

Lab Sample ID: 460-264728-1

Worklist Smp#: 12

Client ID: FSMW14C-083022

Purge Vol: 5.000 mL

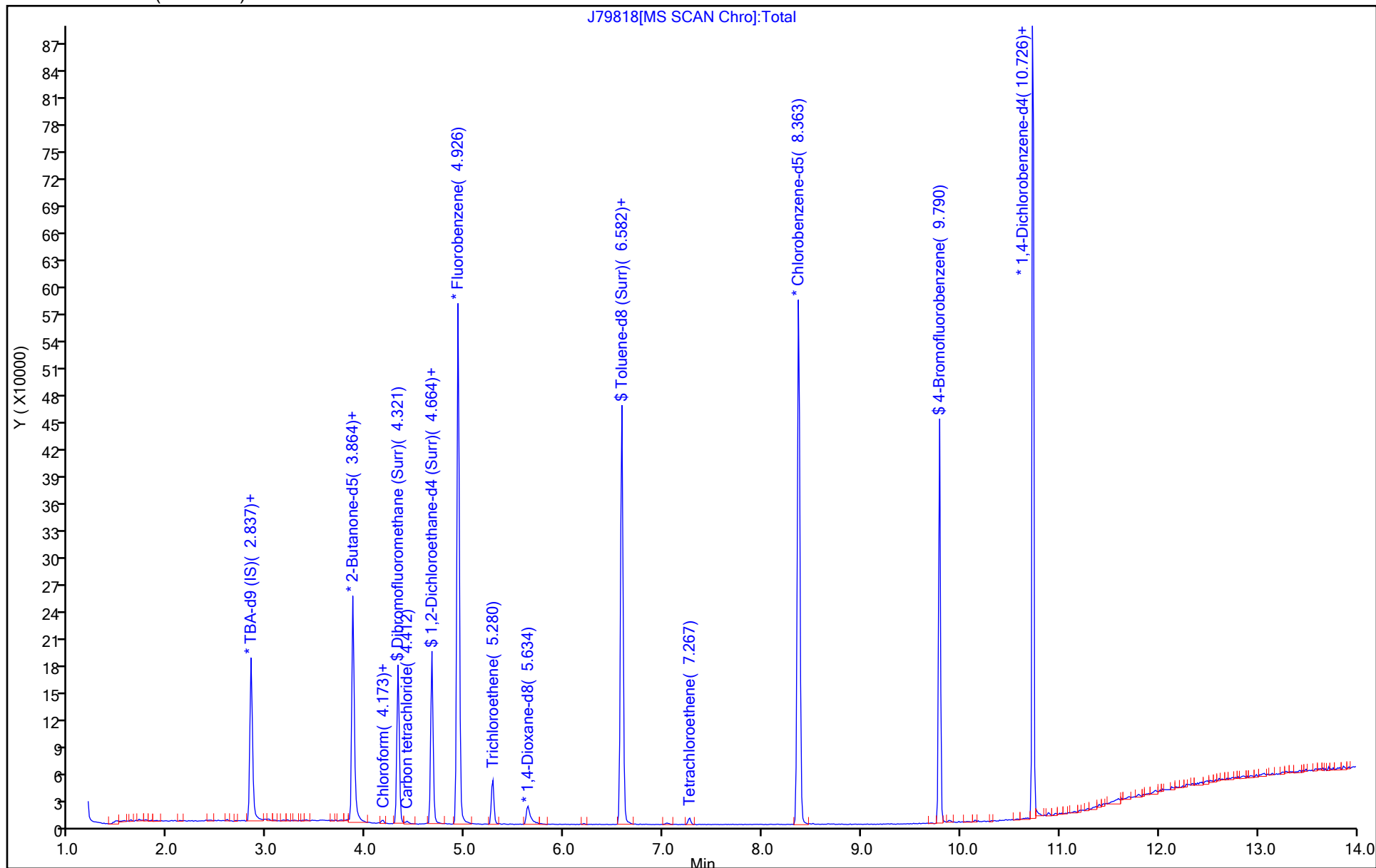
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79818.D
 Lims ID: 460-264728-B-1
 Client ID: FSMW14C-083022
 Sample Type: Client
 Inject. Date: 08-Sep-2022 23:11:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-1
 Misc. Info.: 460-0150151-012
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 08-Sep-2022 23:30:34

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	46.8	93.64
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.7	85.43
\$ 83 Toluene-d8 (Surr)	50.0	40.7	81.44
\$ 105 4-Bromofluorobenzene	50.0	44.7	89.32

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79818.D

Injection Date: 08-Sep-2022 23:11:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-1

Lab Sample ID: 460-264728-1

Client ID: FSMW14C-083022

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

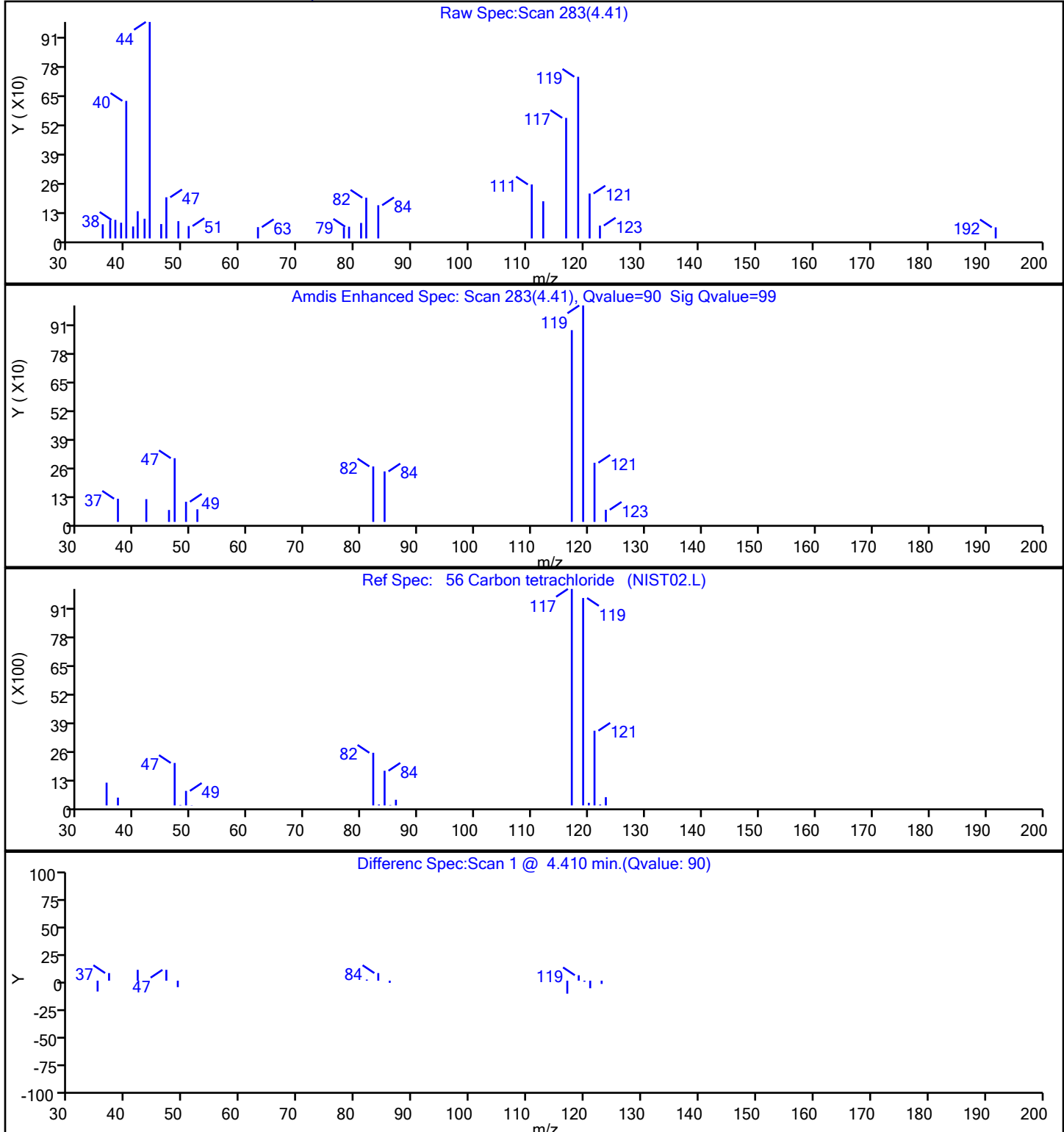
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

56 Carbon tetrachloride, CAS: 56-23-5

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79818.D

Injection Date: 08-Sep-2022 23:11:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-1

Lab Sample ID: 460-264728-1

Client ID: FSMW14C-083022

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

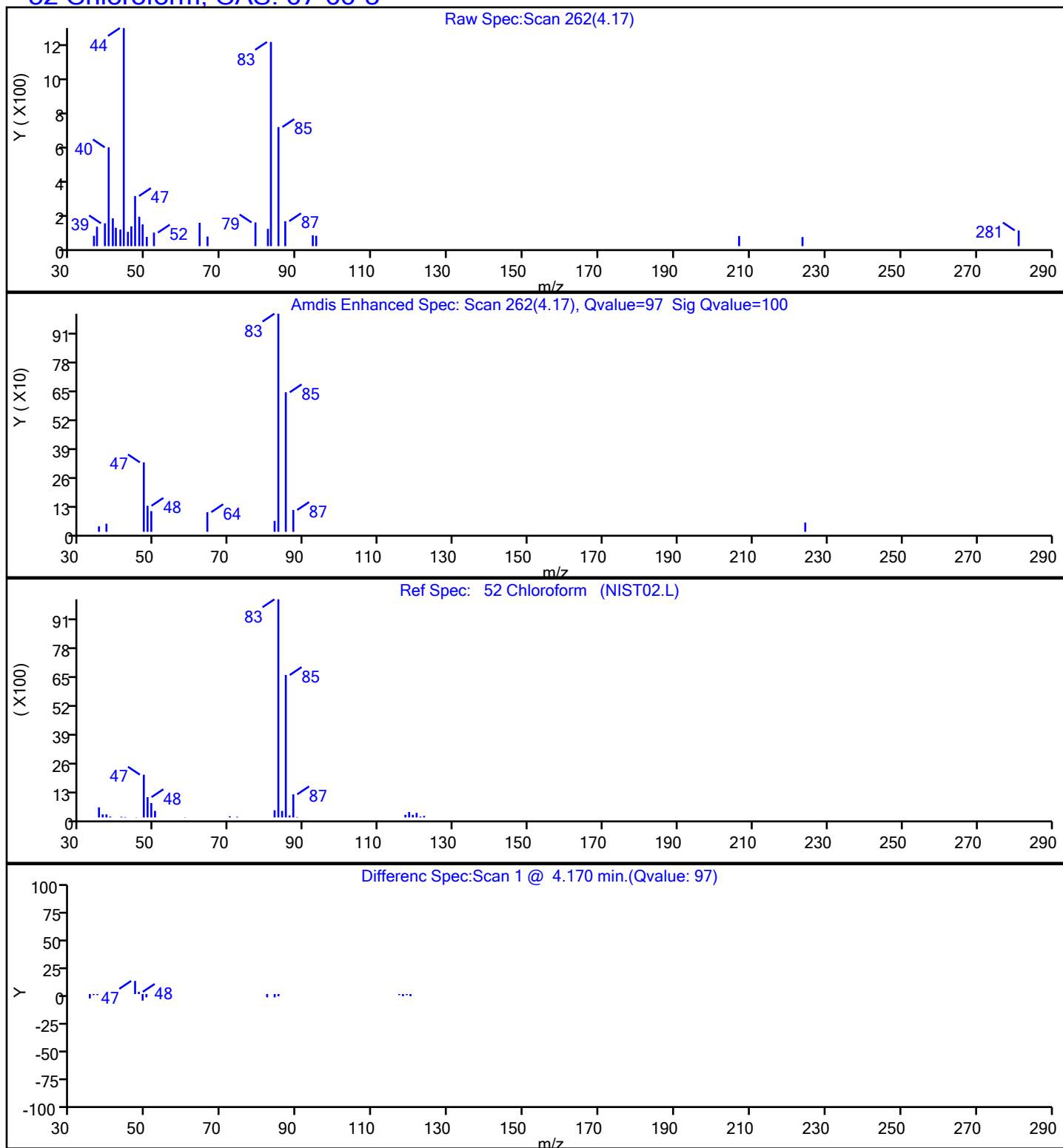
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 Chloroform, CAS: 67-66-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79818.D

Injection Date: 08-Sep-2022 23:11:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-1

Lab Sample ID: 460-264728-1

Client ID: FSMW14C-083022

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

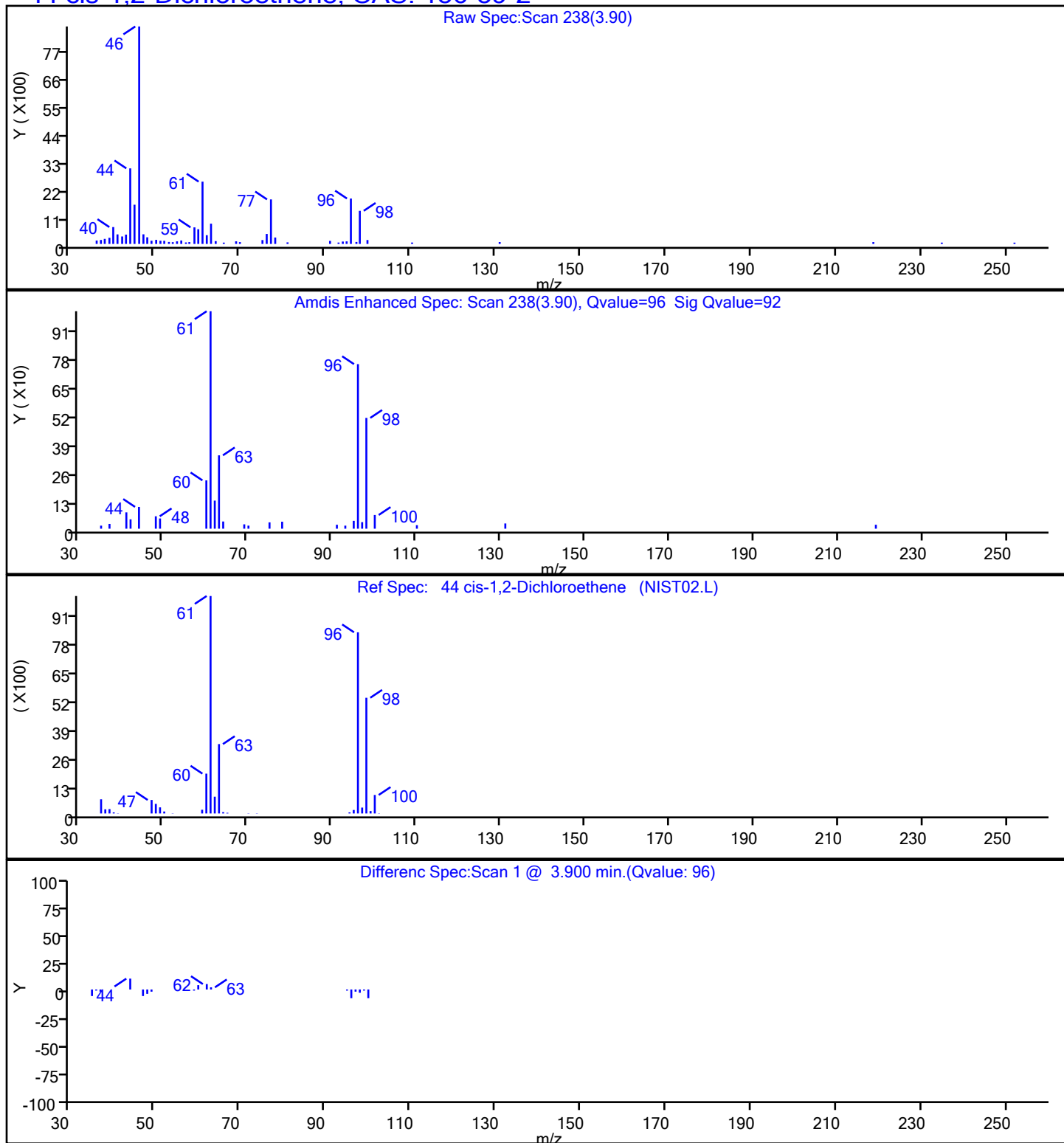
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79818.D

Injection Date: 08-Sep-2022 23:11:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-1

Lab Sample ID: 460-264728-1

Client ID: FSMW14C-083022

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

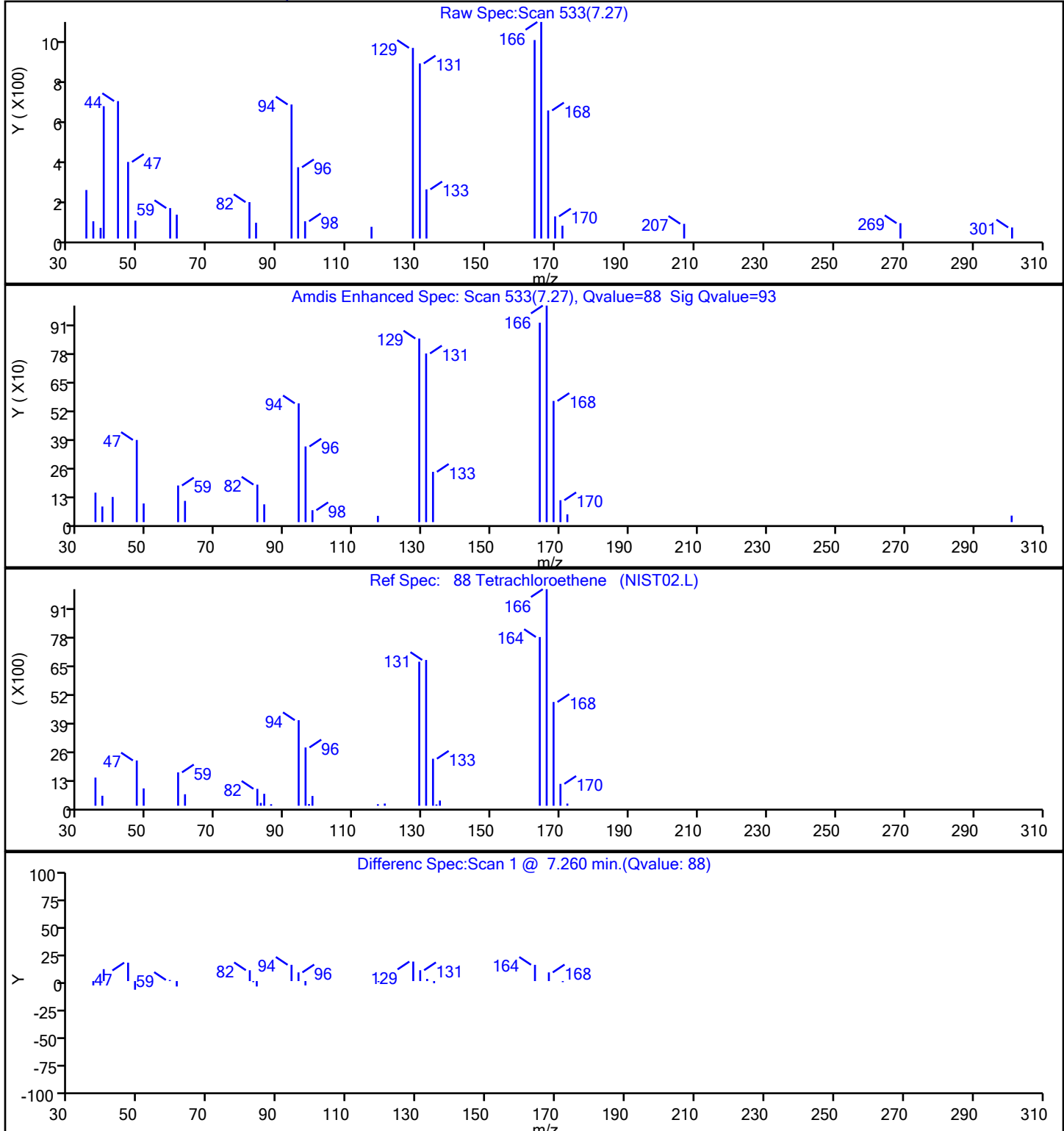
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79818.D

Injection Date: 08-Sep-2022 23:11:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-1

Lab Sample ID: 460-264728-1

Client ID: FSMW14C-083022

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

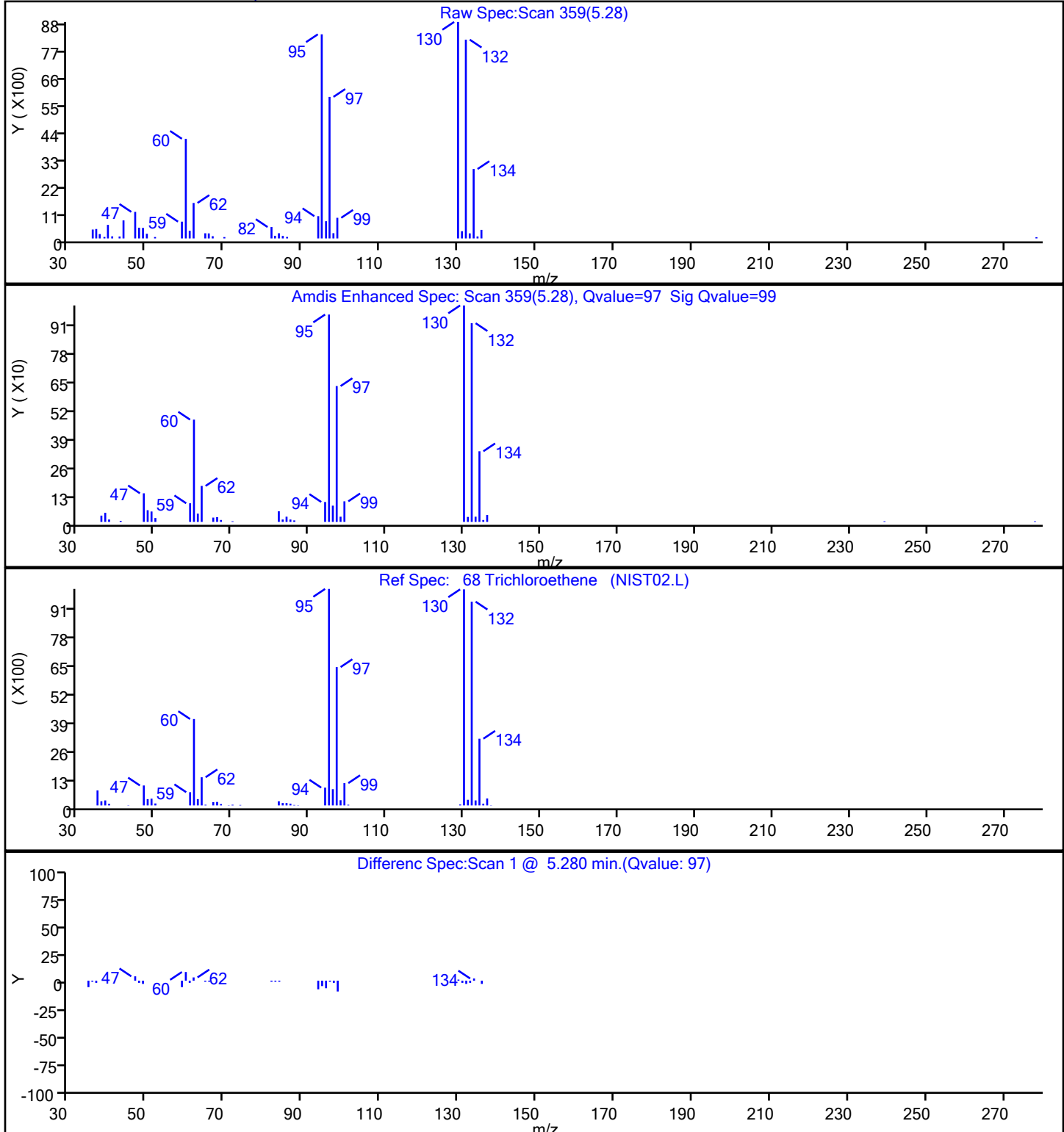
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14A-083022</u>	Lab Sample ID: <u>460-264728-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79819.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/30/2022 13:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/08/2022 23:36</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	0.77	J	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	32		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	2.2		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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW14A-083022 Lab Sample ID: 460-264728-2
Matrix: Water Lab File ID: J79819.D
Analysis Method: 8260D Date Collected: 08/30/2022 13:50
Sample wt/vol: 5 (mL) Date Analyzed: 09/08/2022 23:36
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79819.D
 Lims ID: 460-264728-B-2
 Client ID: FSMW14A-083022
 Sample Type: Client
 Inject. Date: 08-Sep-2022 23:36:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-2
 Misc. Info.: 460-0150151-013
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 08-Sep-2022 23:53:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.838	2.841	-0.003	75	217577	1000.0	
* 43 2-Butanone-d5	46	3.865	3.868	-0.003	86	303273	250.0	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	92	1684	0.7699	
\$ 55 Dibromofluoromethane (Surr)	113	4.322	4.325	-0.003	95	107361	52.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	134196	50.4	
* 66 Fluorobenzene	96	4.927	4.930	-0.003	98	456737	50.0	
68 Trichloroethene	95	5.281	5.272	0.009	95	4764	2.22	
* 72 1,4-Dioxane-d8	96	5.635	5.638	-0.003	0	24258	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	98	360468	47.7	
88 Tetrachloroethene	166	7.267	7.270	-0.003	97	62187	31.9	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	88	346445	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	95	123706	52.4	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.730	-0.003	97	201467	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79819.D

Injection Date: 08-Sep-2022 23:36:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-2

Lab Sample ID: 460-264728-2

Worklist Smp#: 13

Client ID: FSMW14A-083022

Purge Vol: 5.000 mL

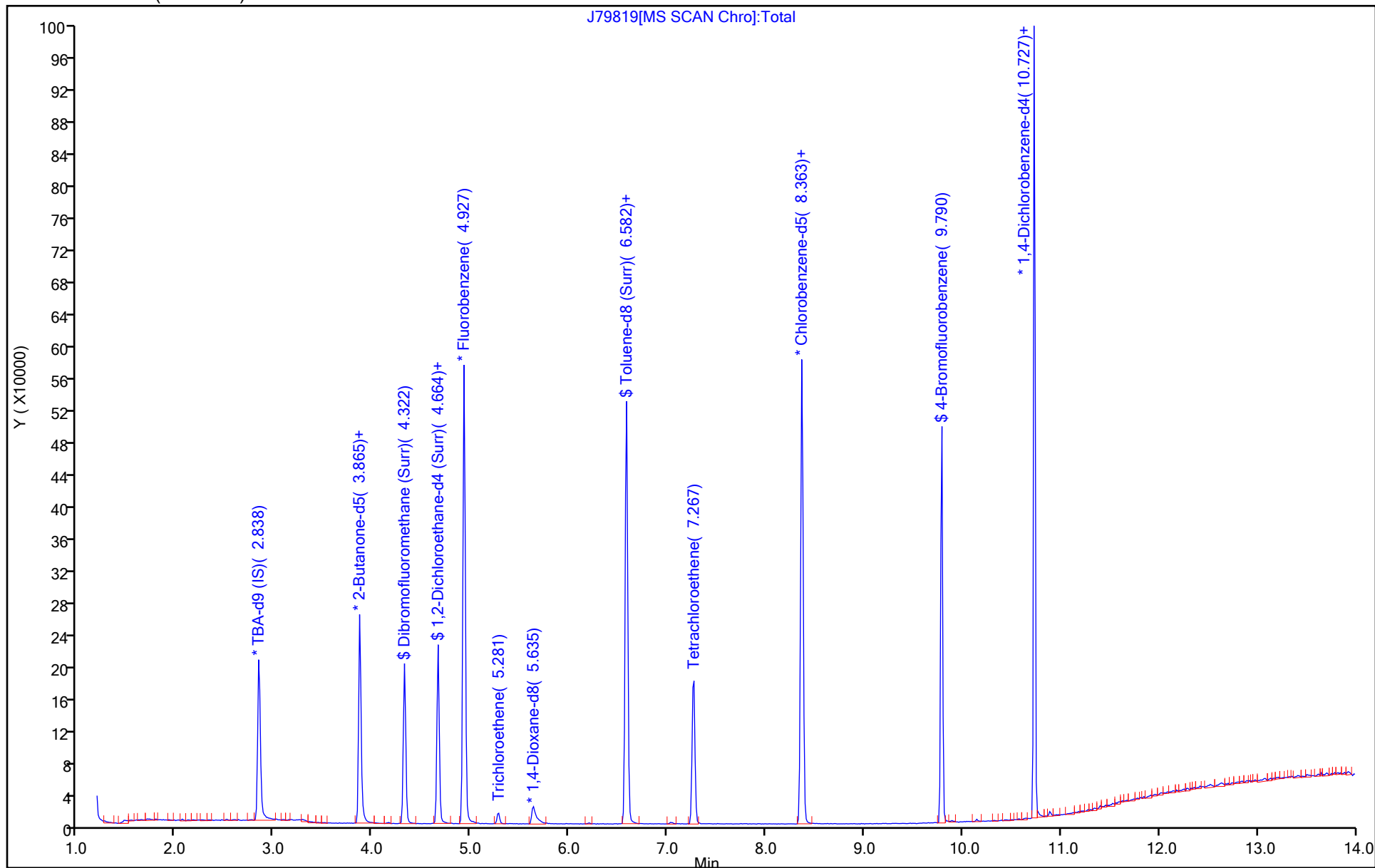
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79819.D
 Lims ID: 460-264728-B-2
 Client ID: FSMW14A-083022
 Sample Type: Client
 Inject. Date: 08-Sep-2022 23:36:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-2
 Misc. Info.: 460-0150151-013
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 08-Sep-2022 23:53:25

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.7	105.44
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.4	100.85
\$ 83 Toluene-d8 (Surr)	50.0	47.7	95.40
\$ 105 4-Bromofluorobenzene	50.0	52.4	104.79

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79819.D

Injection Date: 08-Sep-2022 23:36:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-2

Lab Sample ID: 460-264728-2

Client ID: FSMW14A-083022

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

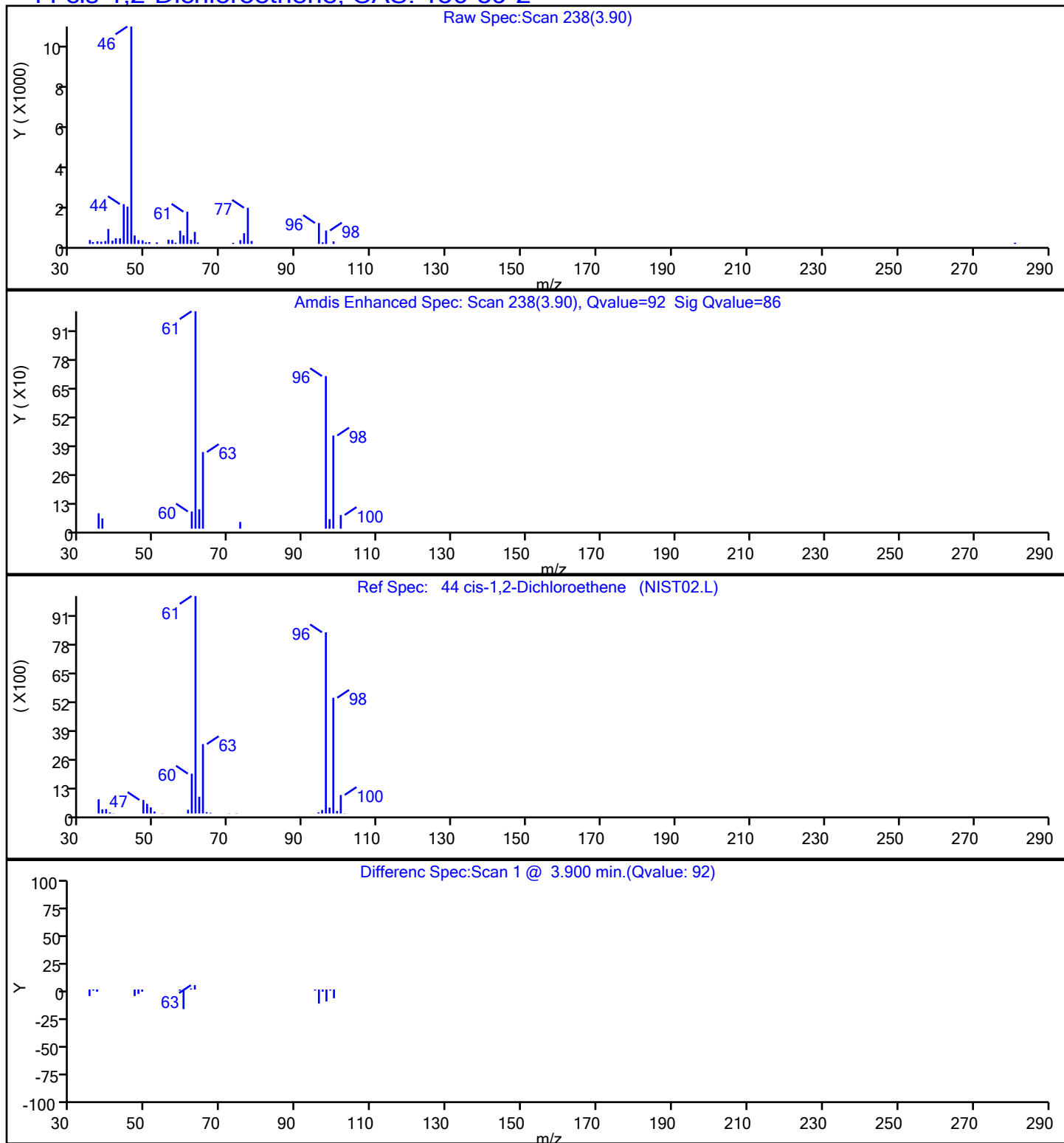
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79819.D

Injection Date: 08-Sep-2022 23:36:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-2

Lab Sample ID: 460-264728-2

Client ID: FSMW14A-083022

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

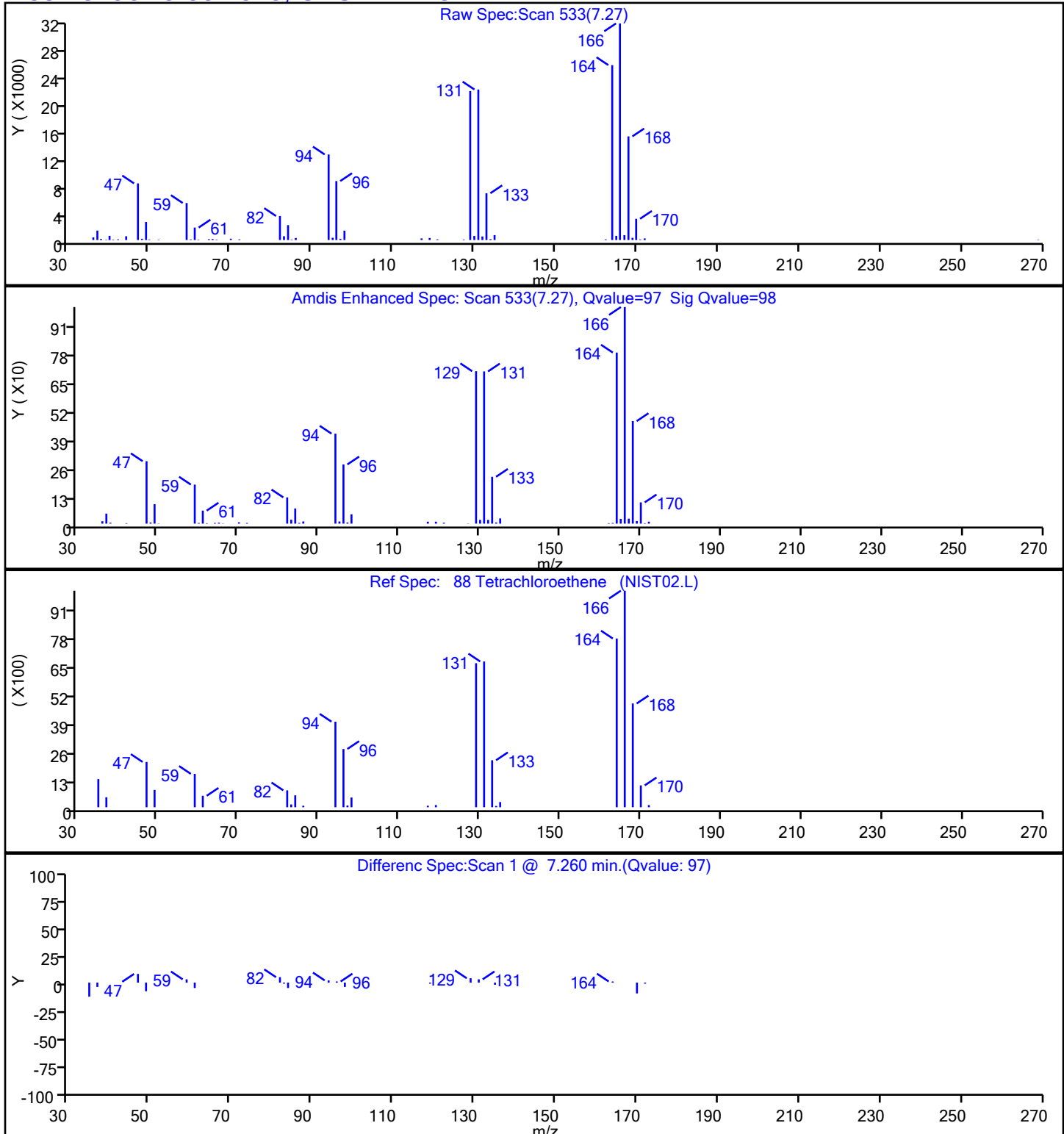
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79819.D

Injection Date: 08-Sep-2022 23:36:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-2

Lab Sample ID: 460-264728-2

Client ID: FSMW14A-083022

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

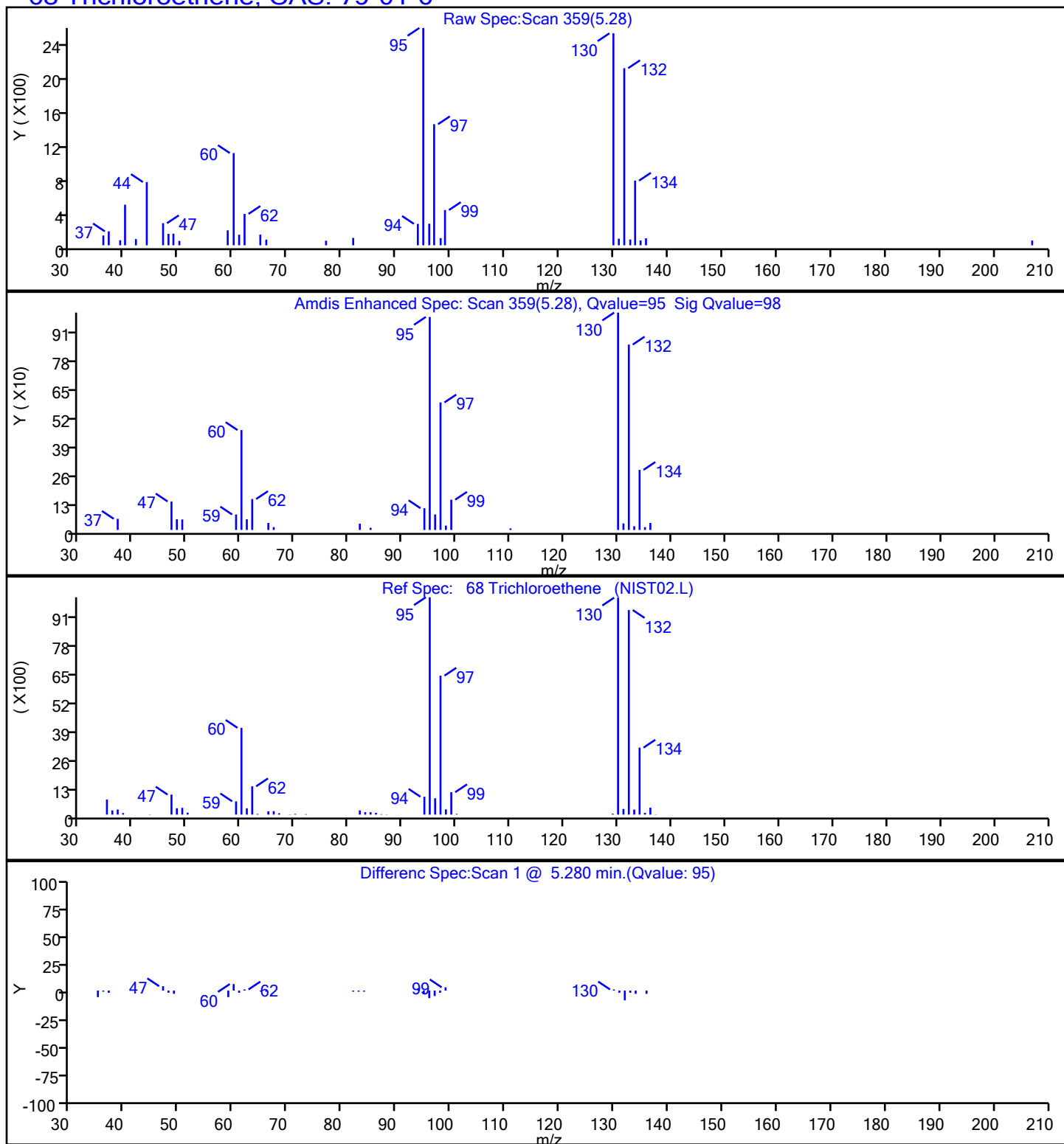
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79819.D

Injection Date: 08-Sep-2022 23:36:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-2

Lab Sample ID: 460-264728-2

Client ID: FSMW14A-083022

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

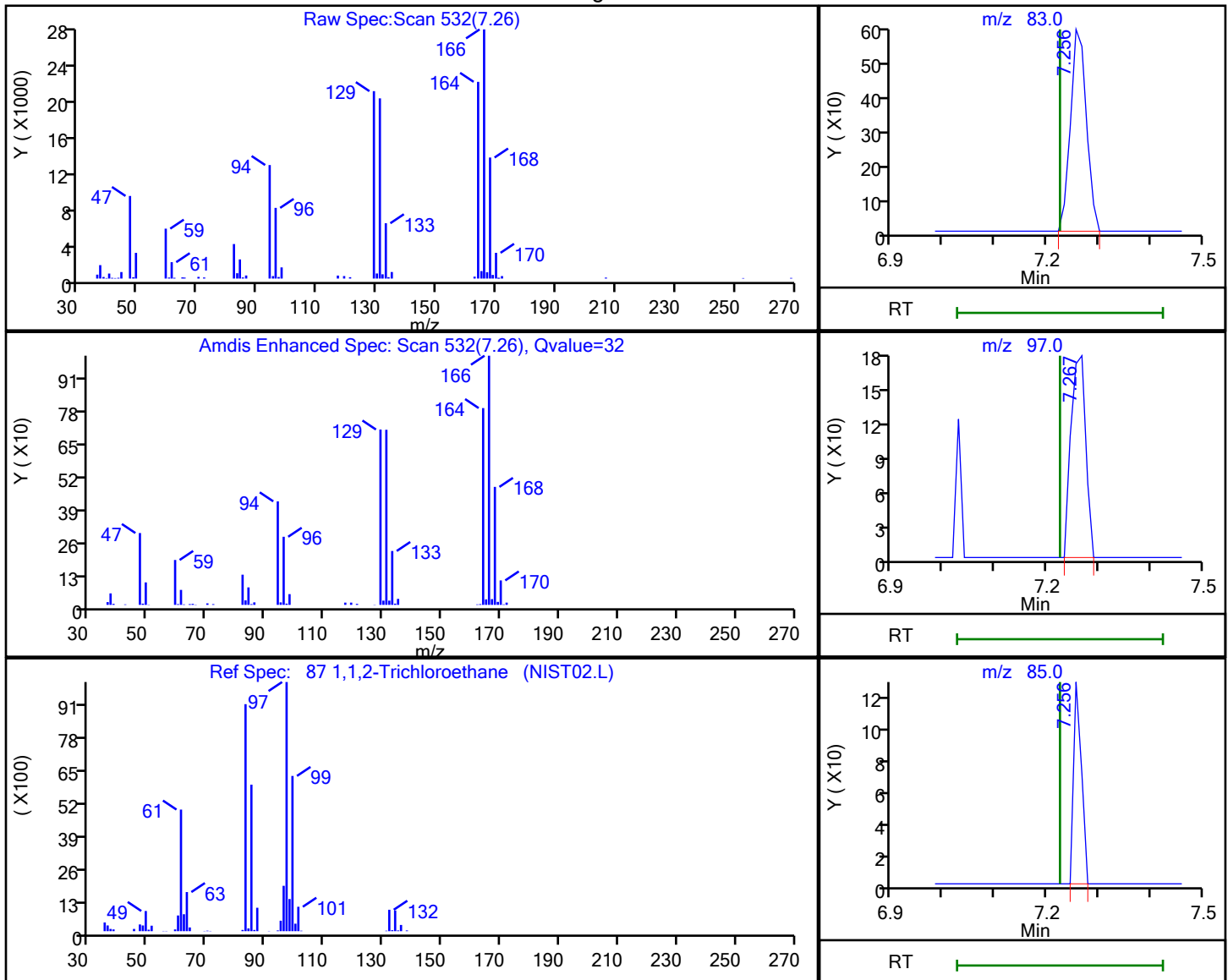
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.26	83.00	1271	0.713124
7.27	97.00	351	
7.26	85.00	132	

Reviewer: C1JX, 08-Sep-2022 23:53:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW13C-083022</u>	Lab Sample ID: <u>460-264728-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79820.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/30/2022 16:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 00:02</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.6		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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.2		1.0	0.26
75-35-4	1,1-Dichloroethene	8.9		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	0.94	J	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	3.4		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	6.1		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	11		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	33		1.0	0.31
75-01-4	Vinyl chloride	0.77	J	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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW13C-083022 Lab Sample ID: 460-264728-3
Matrix: Water Lab File ID: J79820.D
Analysis Method: 8260D Date Collected: 08/30/2022 16:05
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 00:02
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D
 Lims ID: 460-264728-B-3
 Client ID: FSMW13C-083022
 Sample Type: Client
 Inject. Date: 09-Sep-2022 00:02:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-3
 Misc. Info.: 460-0150151-014
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 09-Sep-2022 00:21:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.526	1.516	0.010	97	2316	0.7662	
21 1,1-Dichloroethene	96	2.428	2.430	-0.002	96	16106	8.86	
* 30 TBA-d9 (IS)	65	2.839	2.841	-0.002	75	210284	1000.0	
38 1,1-Dichloroethane	63	3.398	3.400	-0.002	99	5496	1.21	
* 43 2-Butanone-d5	46	3.866	3.868	-0.002	86	324104	250.0	
44 cis-1,2-Dichloroethene	96	3.900	3.902	-0.002	96	13545	6.11	
52 Chloroform	83	4.174	4.165	0.009	97	13281	3.40	
54 1,1,1-Trichloroethane	97	4.300	4.302	-0.002	97	4848	1.59	
\$ 55 Dibromofluoromethane (Surr)	113	4.323	4.325	-0.002	96	108362	52.5	
56 Carbon tetrachloride	117	4.414	4.416	-0.002	95	2479	0.9363	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.665	4.667	-0.002	0	137749	51.1	
* 66 Fluorobenzene	96	4.928	4.930	-0.002	98	462945	50.0	
68 Trichloroethene	95	5.270	5.272	-0.002	97	71435	32.8	
* 72 1,4-Dioxane-d8	96	5.636	5.638	-0.002	0	23818	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.583	6.585	-0.002	98	360710	47.3	
88 Tetrachloroethene	166	7.268	7.270	-0.002	98	22433	11.4	
* 94 Chlorobenzene-d5	117	8.364	8.366	-0.002	88	349886	50.0	
\$ 105 4-Bromofluorobenzene	174	9.791	9.793	-0.002	95	123110	51.6	
* 121 1,4-Dichlorobenzene-d4	152	10.728	10.730	-0.002	97	201369	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Worklist Smp#: 14

Client ID: FSMW13C-083022

Purge Vol: 5.000 mL

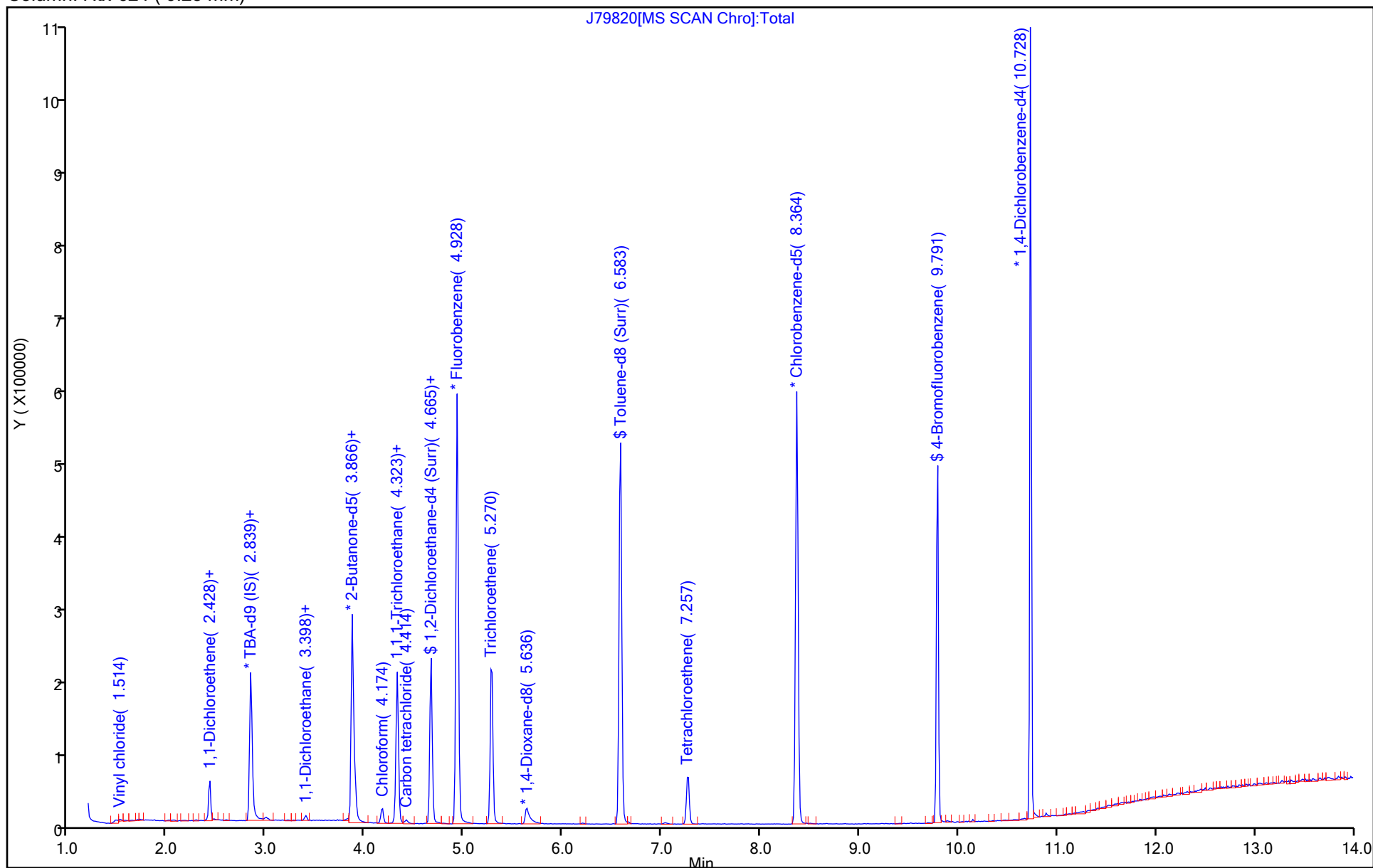
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D
 Lims ID: 460-264728-B-3
 Client ID: FSMW13C-083022
 Sample Type: Client
 Inject. Date: 09-Sep-2022 00:02:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-3
 Misc. Info.: 460-0150151-014
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 09-Sep-2022 00:21:59

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.5	105.00
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.13
\$ 83 Toluene-d8 (Surr)	50.0	47.3	94.53
\$ 105 4-Bromofluorobenzene	50.0	51.6	103.26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

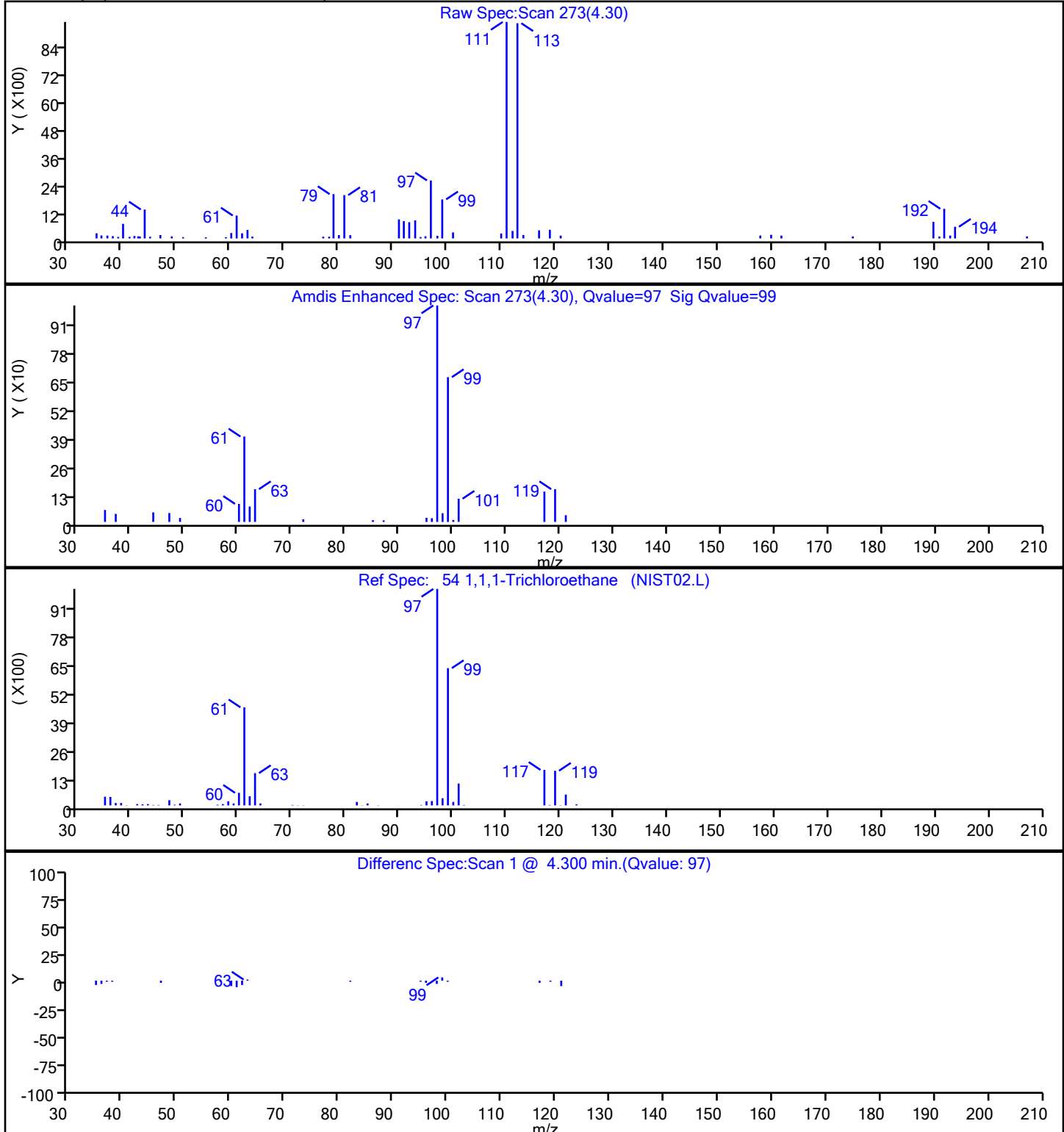
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

54 1,1,1-Trichloroethane, CAS: 71-55-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

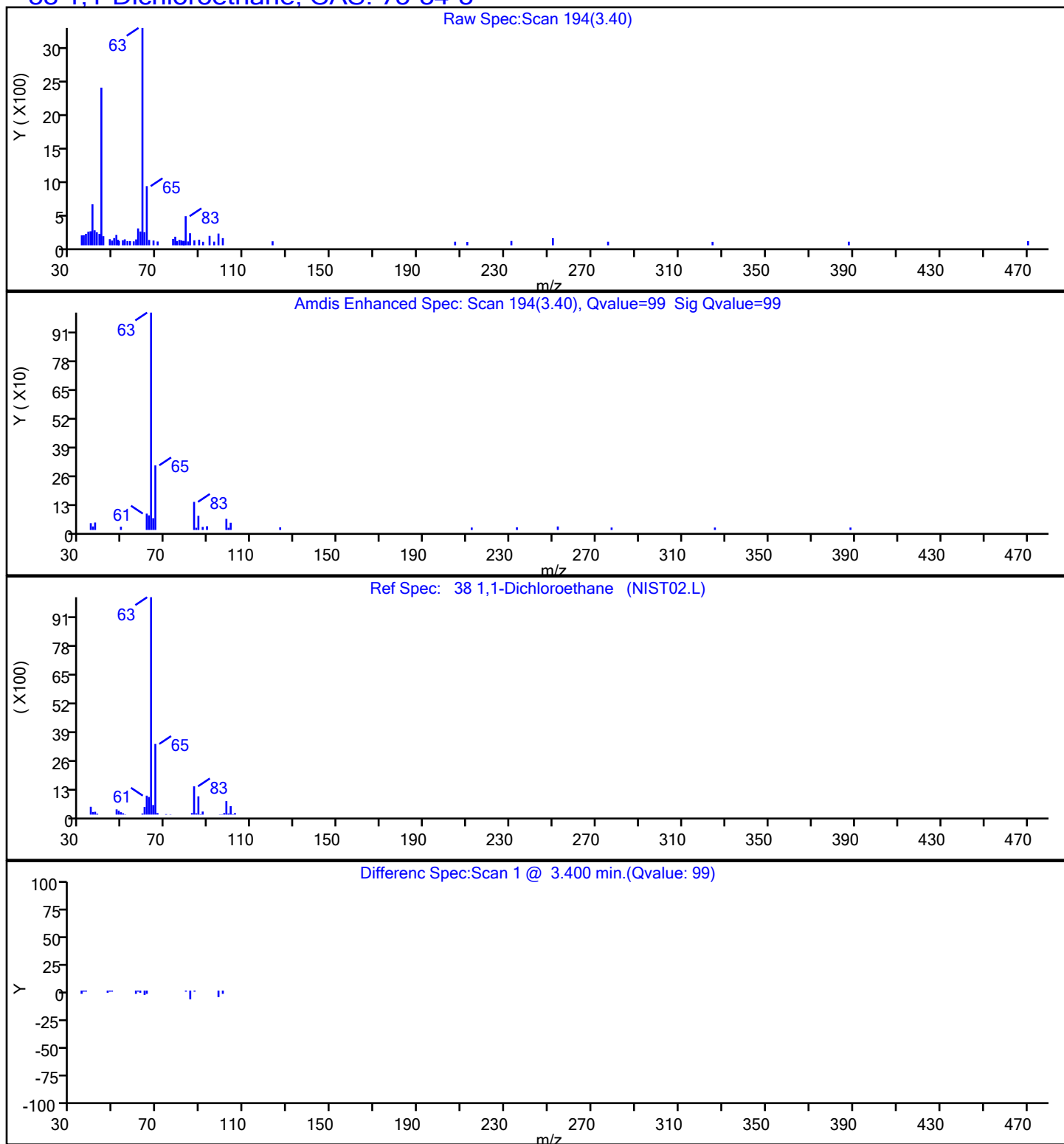
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

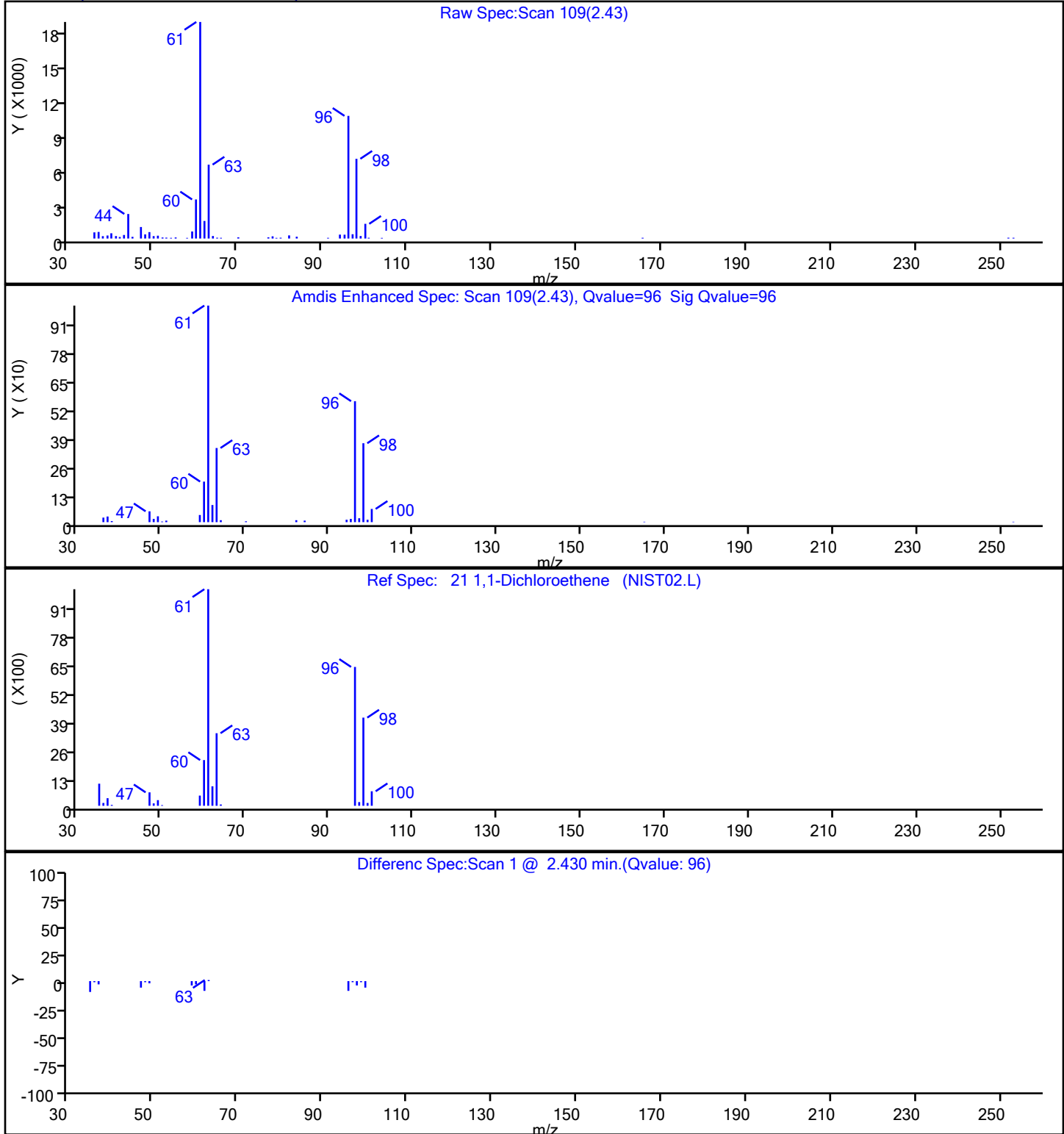
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

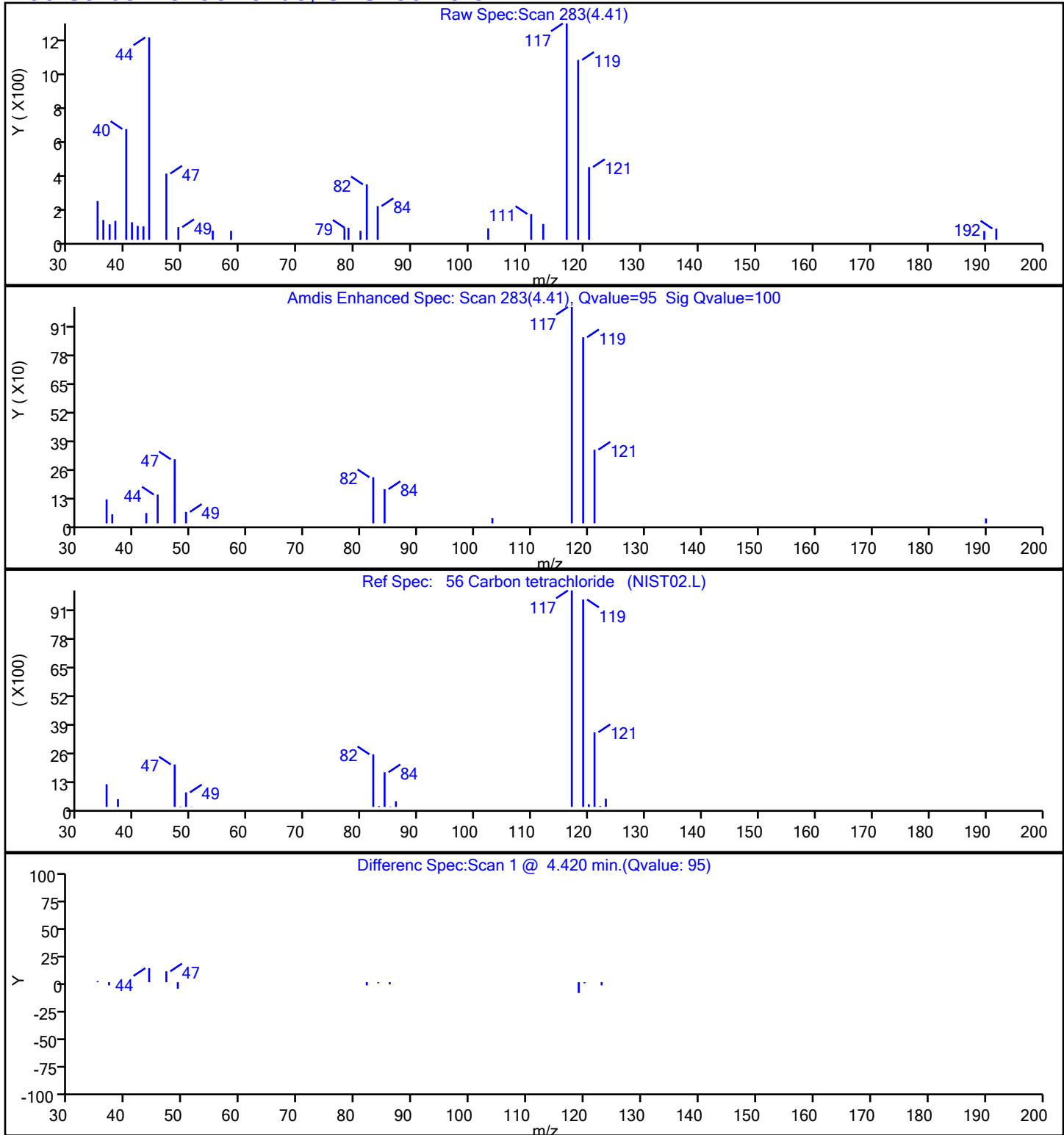
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

56 Carbon tetrachloride, CAS: 56-23-5

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

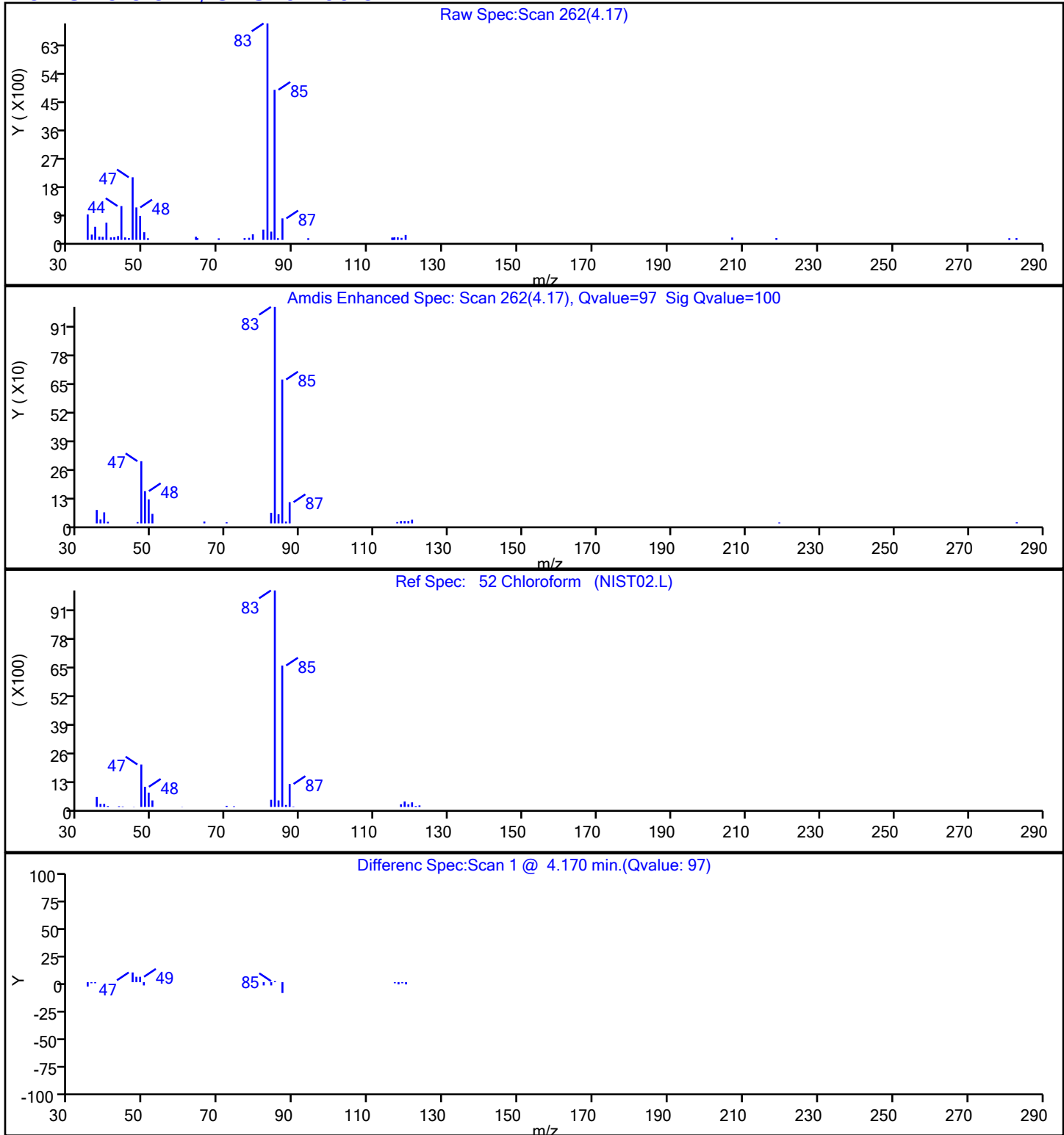
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

52 Chloroform, CAS: 67-66-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

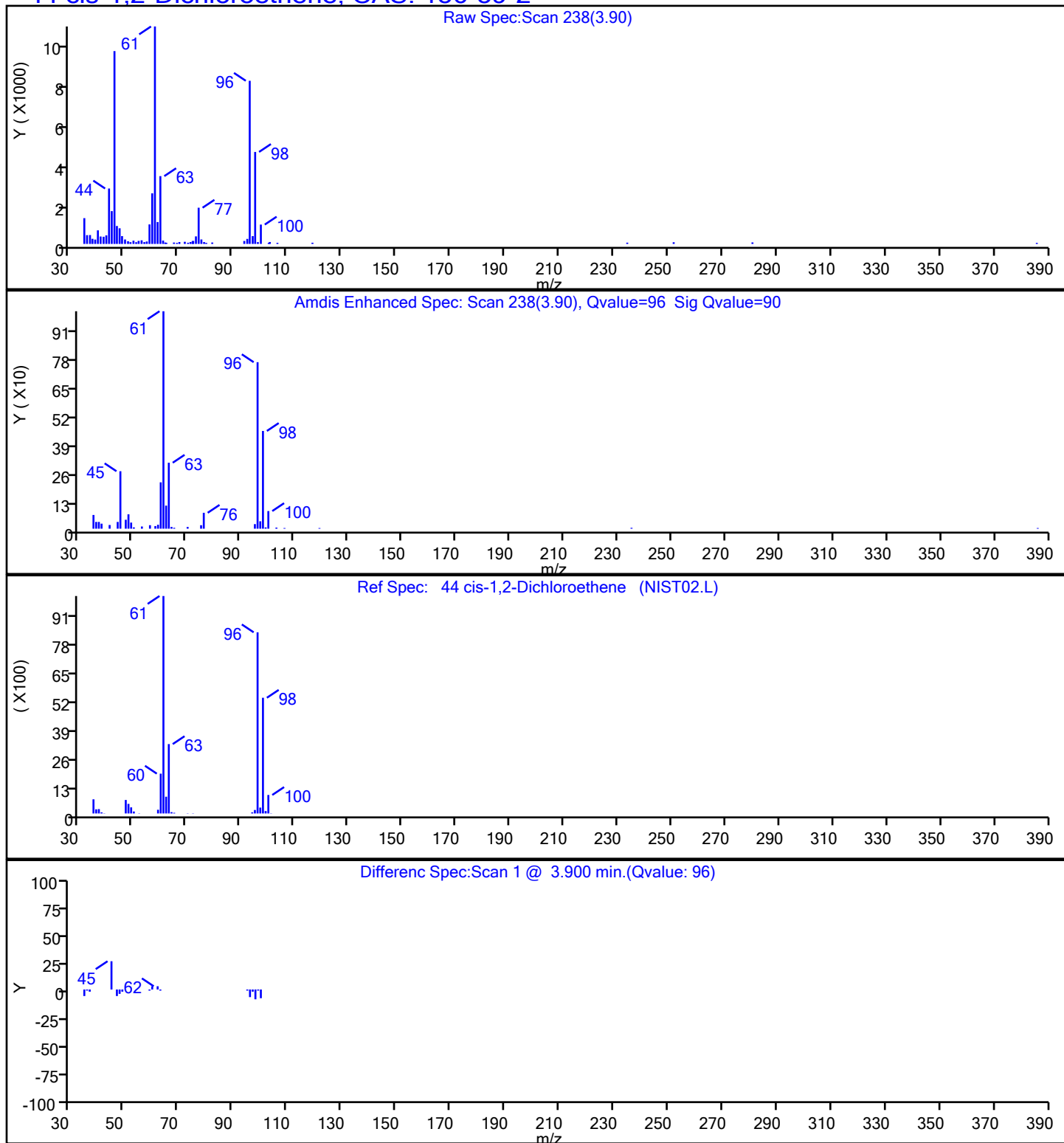
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

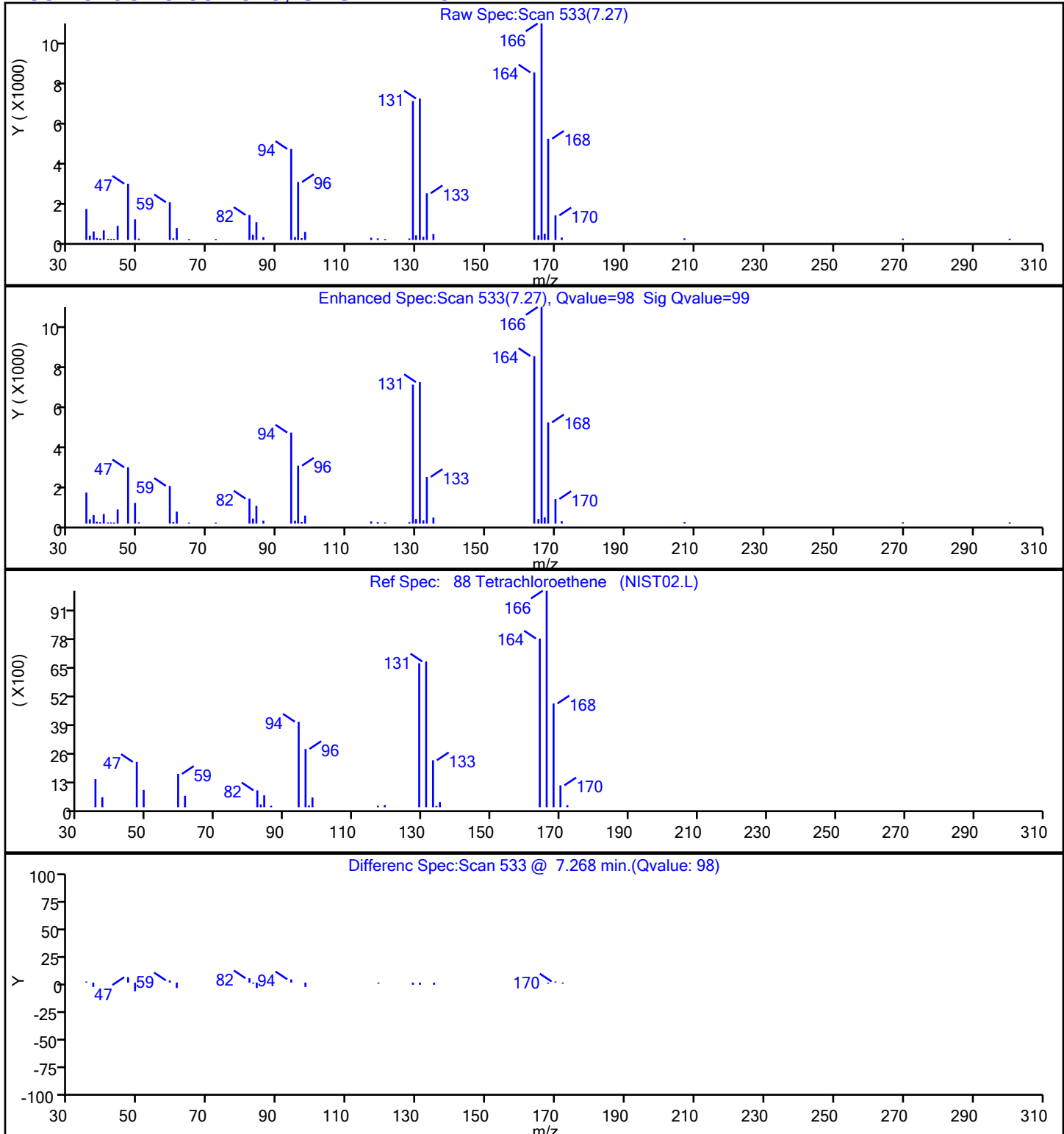
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

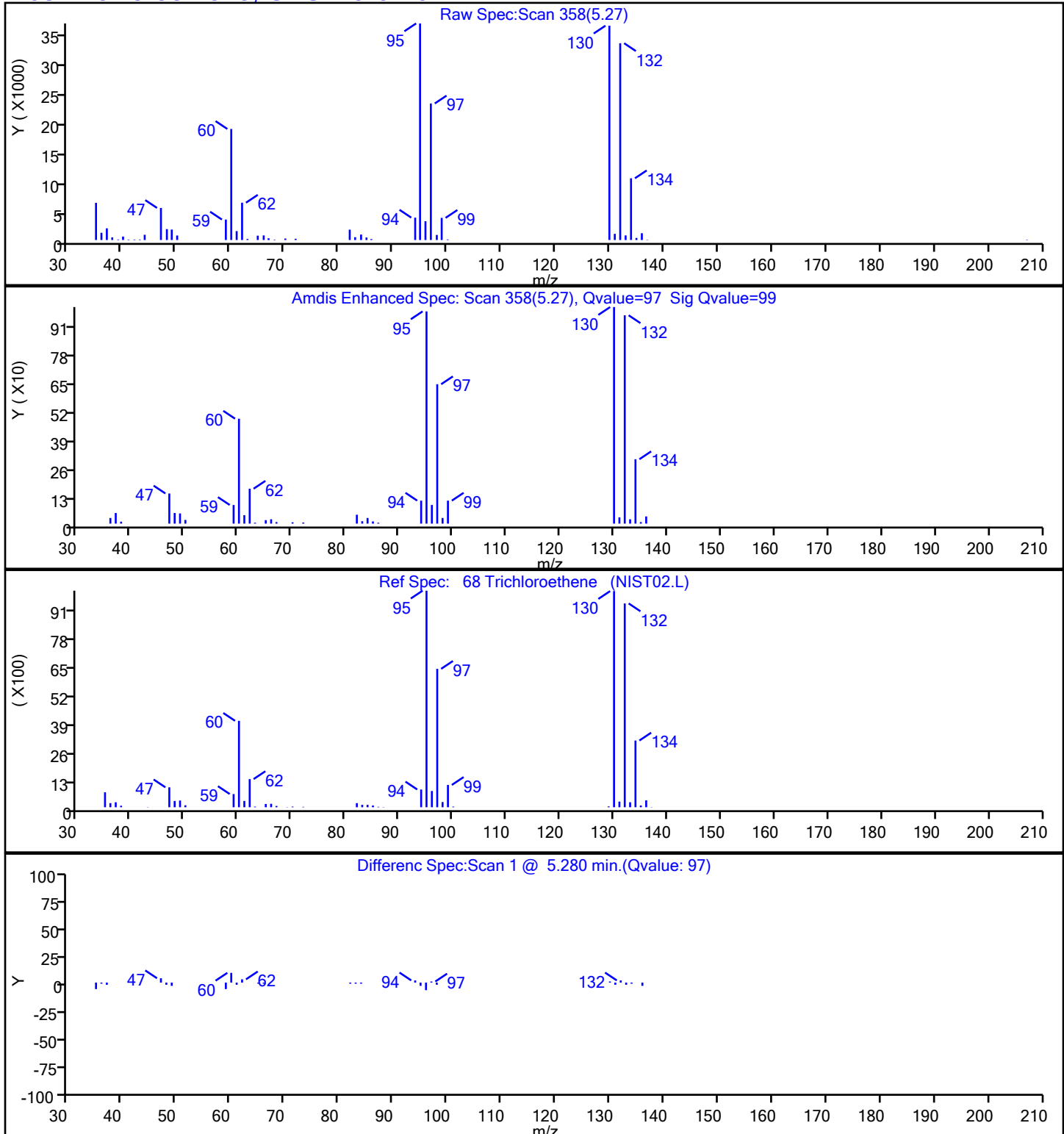
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

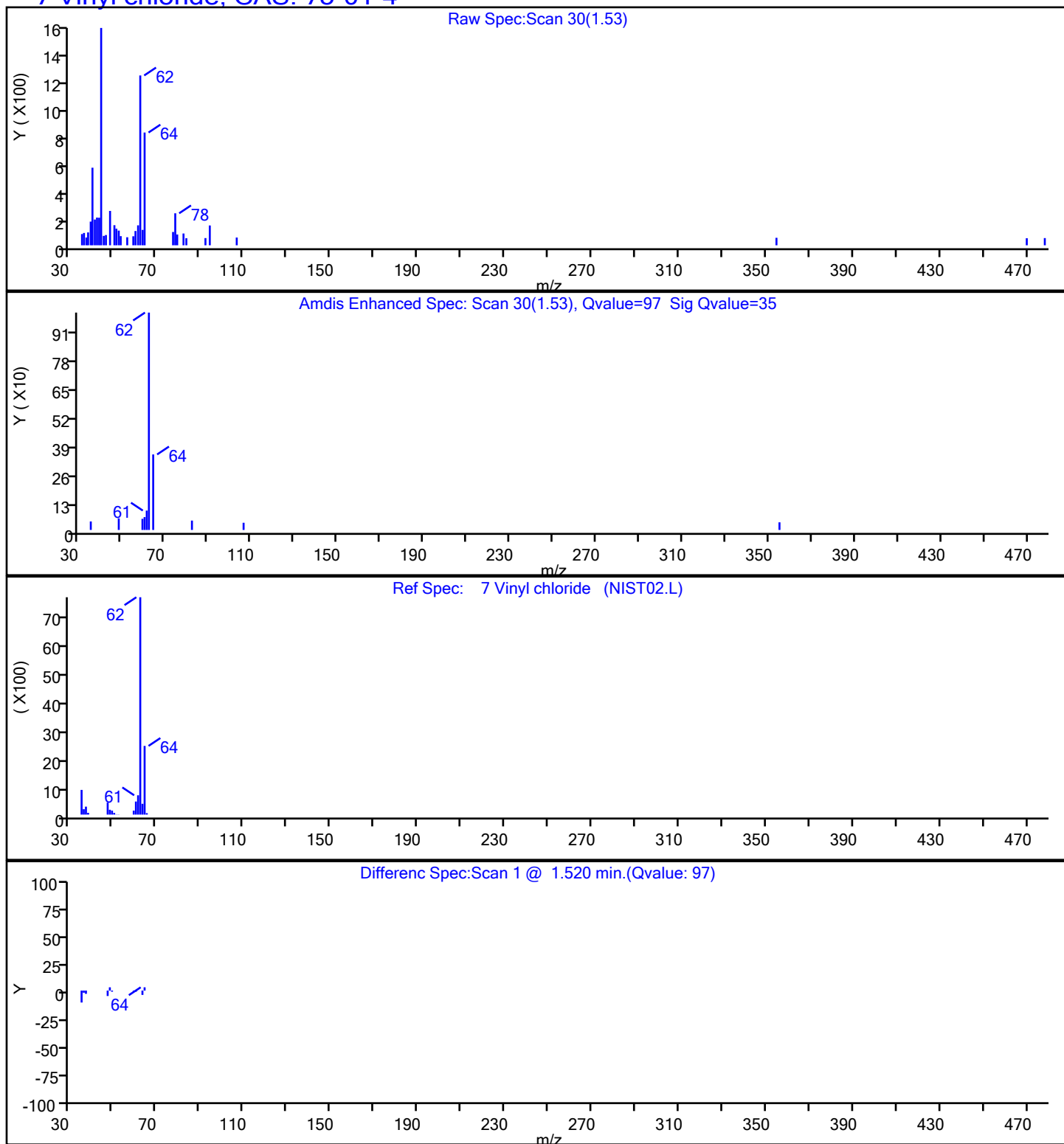
Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79820.D

Injection Date: 09-Sep-2022 00:02:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-3

Lab Sample ID: 460-264728-3

Client ID: FSMW13C-083022

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

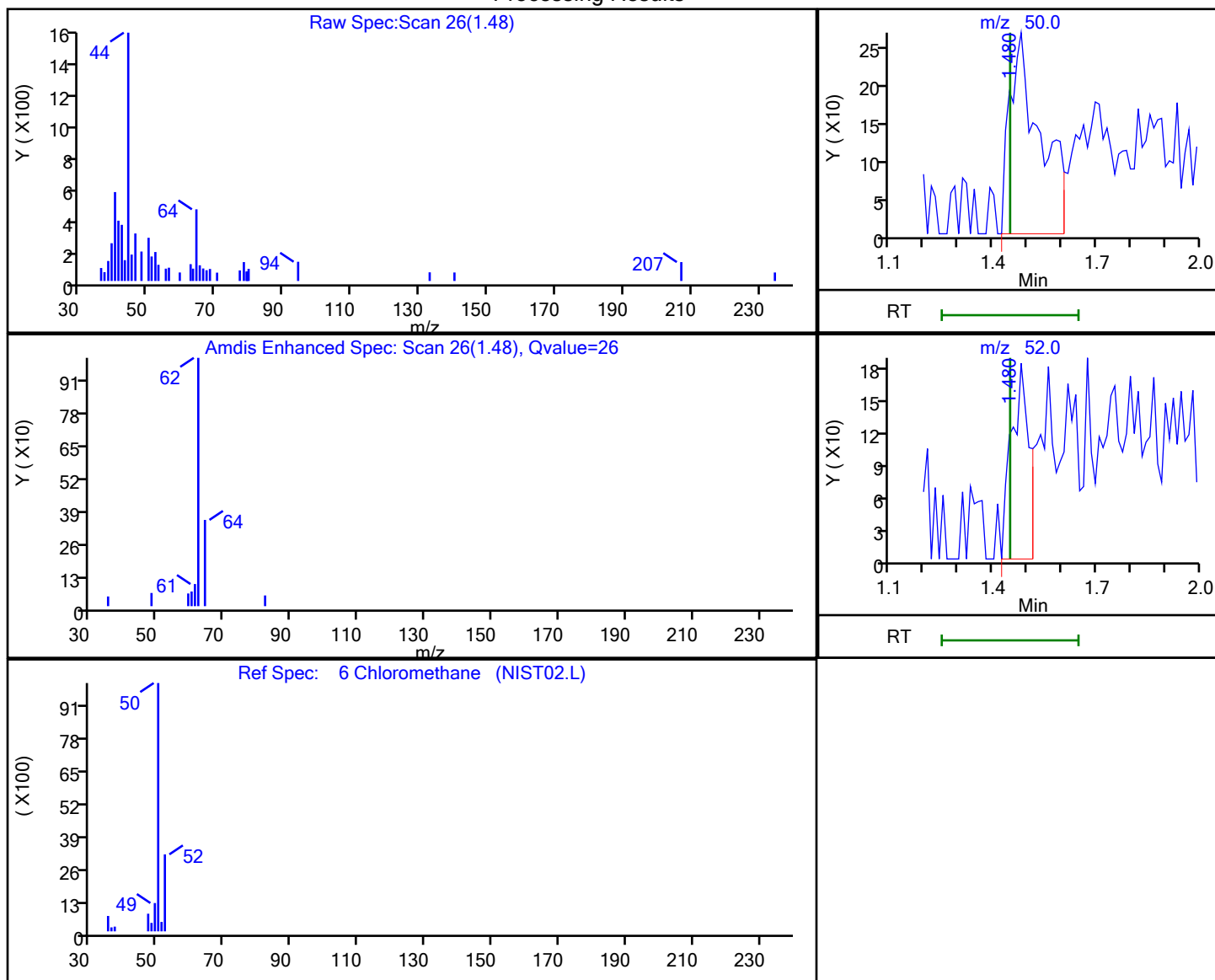
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.48	50.00	1667	0.405206
1.48	52.00	650	

Reviewer: C1JX, 09-Sep-2022 00:21:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14B-083022</u>	Lab Sample ID: <u>460-264728-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79821.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/30/2022 16:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 00:27</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.50	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	0.28	J	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	0.67	J	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	210		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	5.6		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: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW14B-083022</u>	Lab Sample ID: <u>460-264728-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79821.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/30/2022 16:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 00:27</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D
 Lims ID: 460-264728-B-4
 Client ID: FSMW14B-083022
 Sample Type: Client
 Inject. Date: 09-Sep-2022 00:27:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-4
 Misc. Info.: 460-0150151-015
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:55:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 1,1-Dichloroethene	96	2.426	2.430	-0.004	93	895	0.5015	a
* 30 TBA-d9 (IS)	65	2.837	2.841	-0.004	75	207187	1000.0	
* 43 2-Butanone-d5	46	3.864	3.868	-0.004	86	313483	250.0	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	93	1469	0.6748	
\$ 55 Dibromofluoromethane (Surr)	113	4.321	4.325	-0.004	96	110103	54.3	
60 Benzene	78	4.641	4.644	-0.003	40	2470	0.2820	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	134293	50.7	
* 66 Fluorobenzene	96	4.926	4.930	-0.004	98	454565	50.0	
68 Trichloroethene	95	5.280	5.272	0.008	98	12050	5.64	
* 72 1,4-Dioxane-d8	96	5.634	5.638	-0.004	0	23756	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	99	360450	46.8	
88 Tetrachloroethene	166	7.267	7.270	-0.003	99	413719	208.5	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	88	352776	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	95	121639	50.6	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.730	-0.004	97	198294	50.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D

Injection Date: 09-Sep-2022 00:27:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-4

Lab Sample ID: 460-264728-4

Worklist Smp#: 15

Client ID: FSMW14B-083022

Purge Vol: 5.000 mL

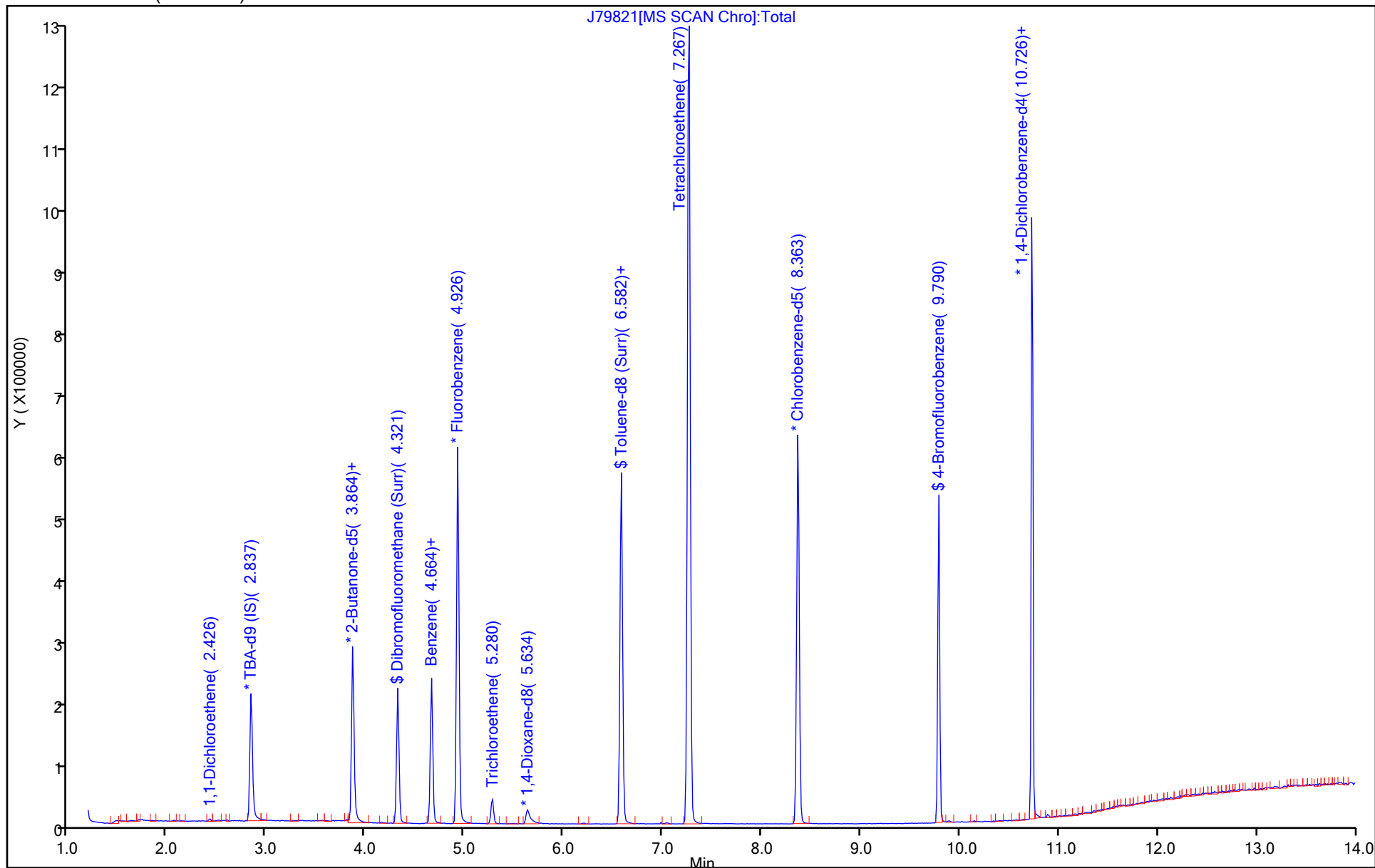
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D
 Lims ID: 460-264728-B-4
 Client ID: FSMW14B-083022
 Sample Type: Client
 Inject. Date: 09-Sep-2022 00:27:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-4
 Misc. Info.: 460-0150151-015
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:55:19

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.3	108.65
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.7	101.40
\$ 83 Toluene-d8 (Surr)	50.0	46.8	93.69
\$ 105 4-Bromofluorobenzene	50.0	50.6	101.19

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D

Injection Date: 09-Sep-2022 00:27:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-4

Lab Sample ID: 460-264728-4

Client ID: FSMW14B-083022

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

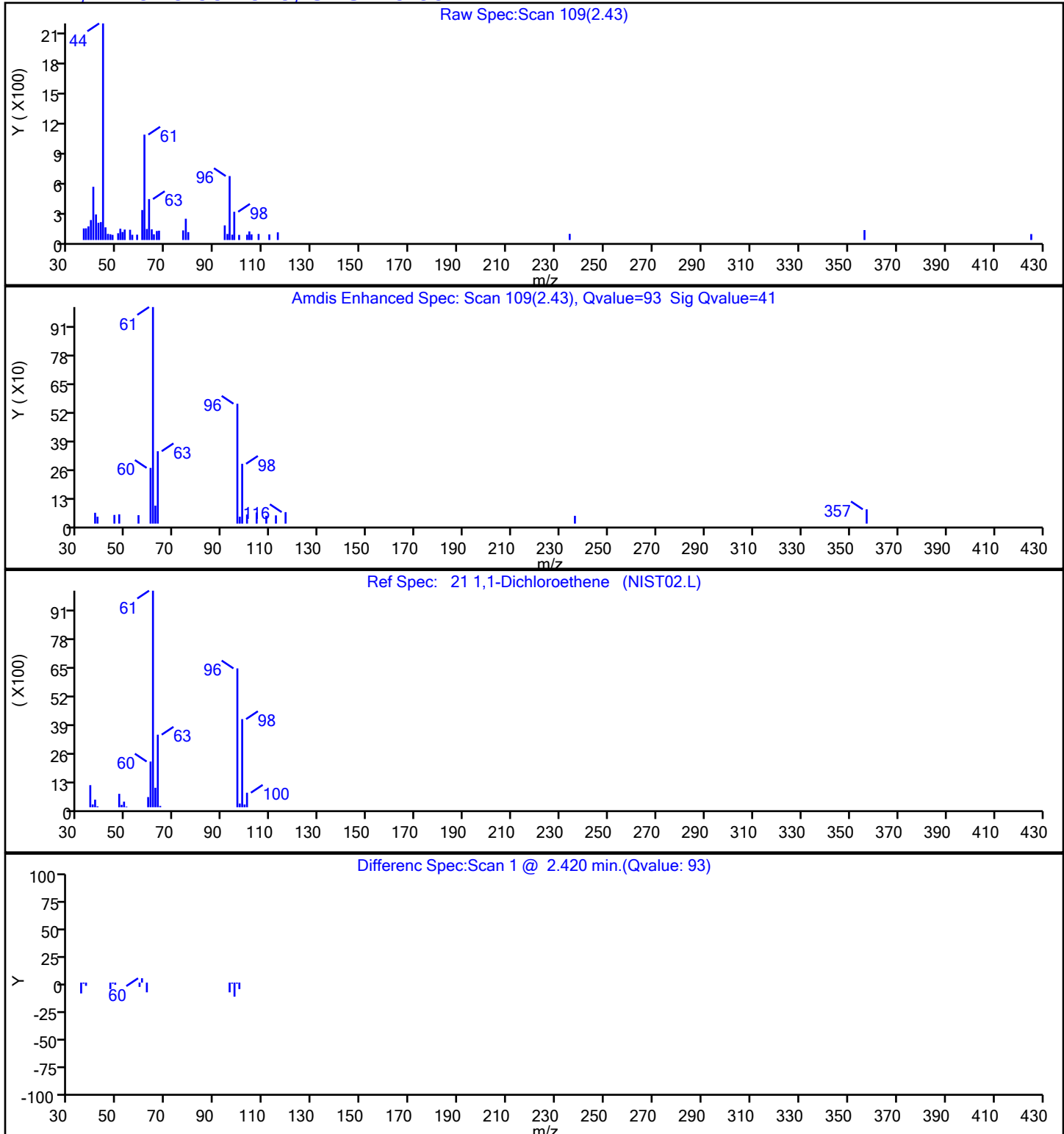
VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D

Injection Date: 09-Sep-2022 00:27:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-4

Lab Sample ID: 460-264728-4

Client ID: FSMW14B-083022

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

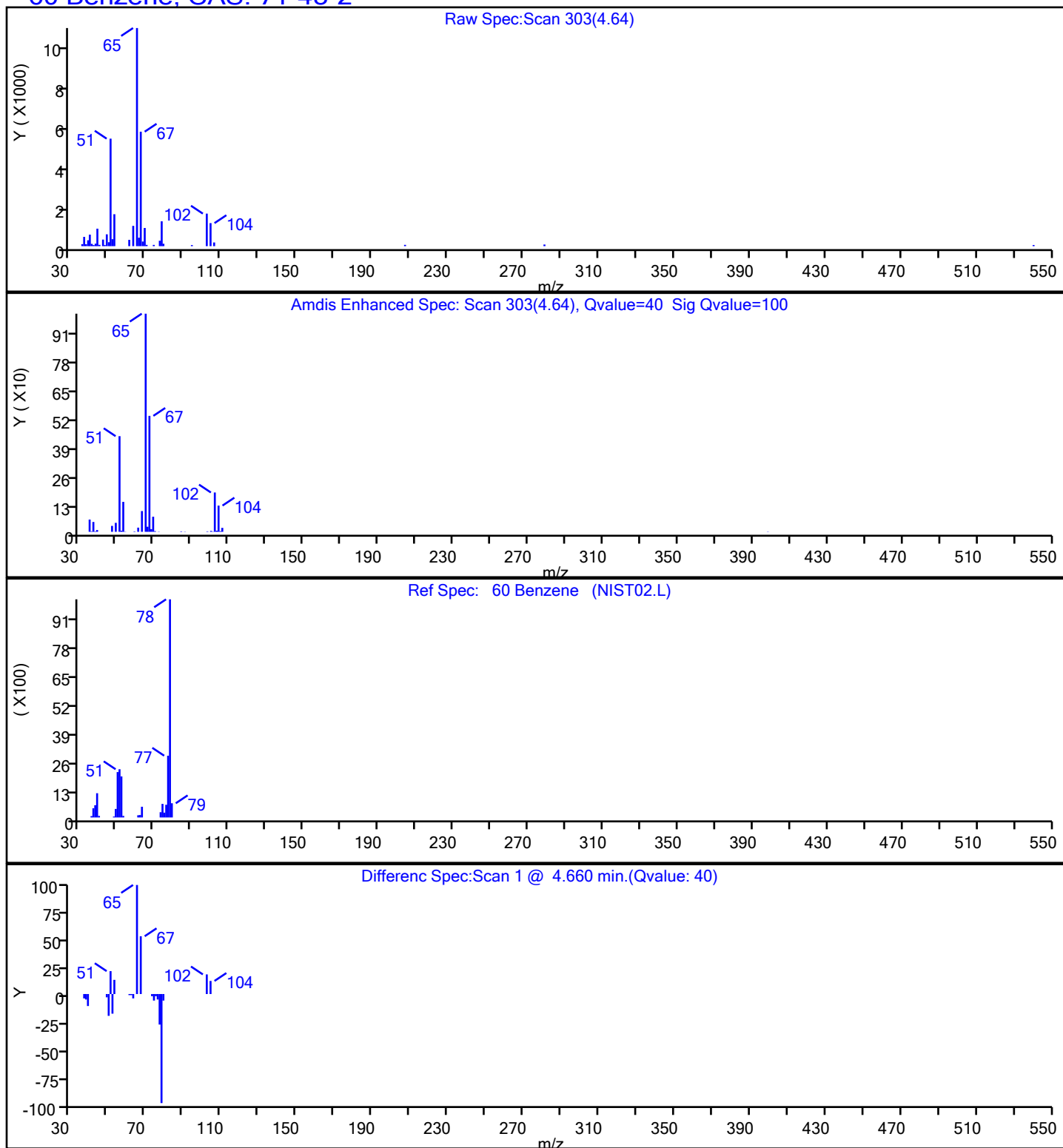
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Benzene, CAS: 71-43-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D

Injection Date: 09-Sep-2022 00:27:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-4

Lab Sample ID: 460-264728-4

Client ID: FSMW14B-083022

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

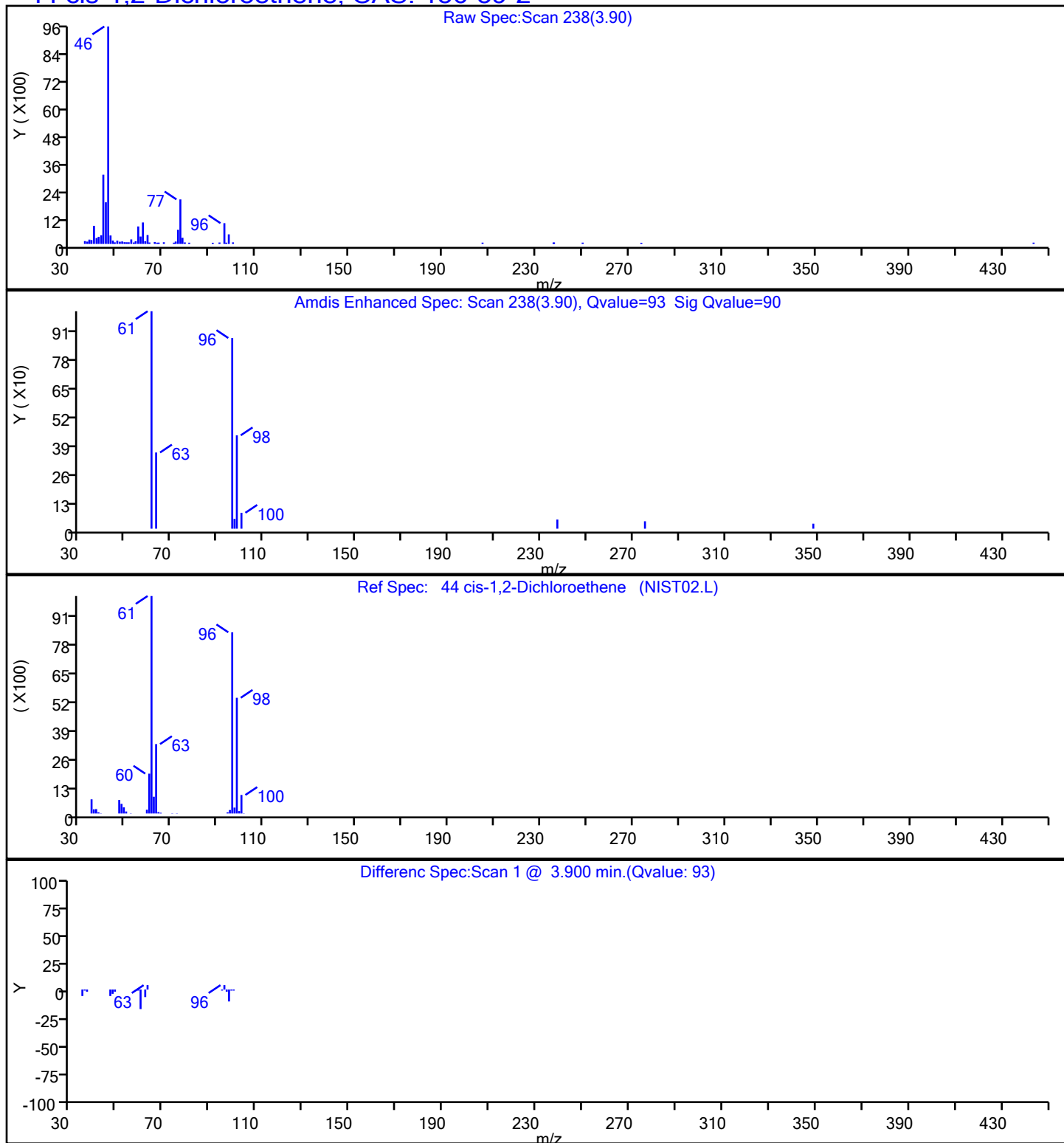
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D

Injection Date: 09-Sep-2022 00:27:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-4

Lab Sample ID: 460-264728-4

Client ID: FSMW14B-083022

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

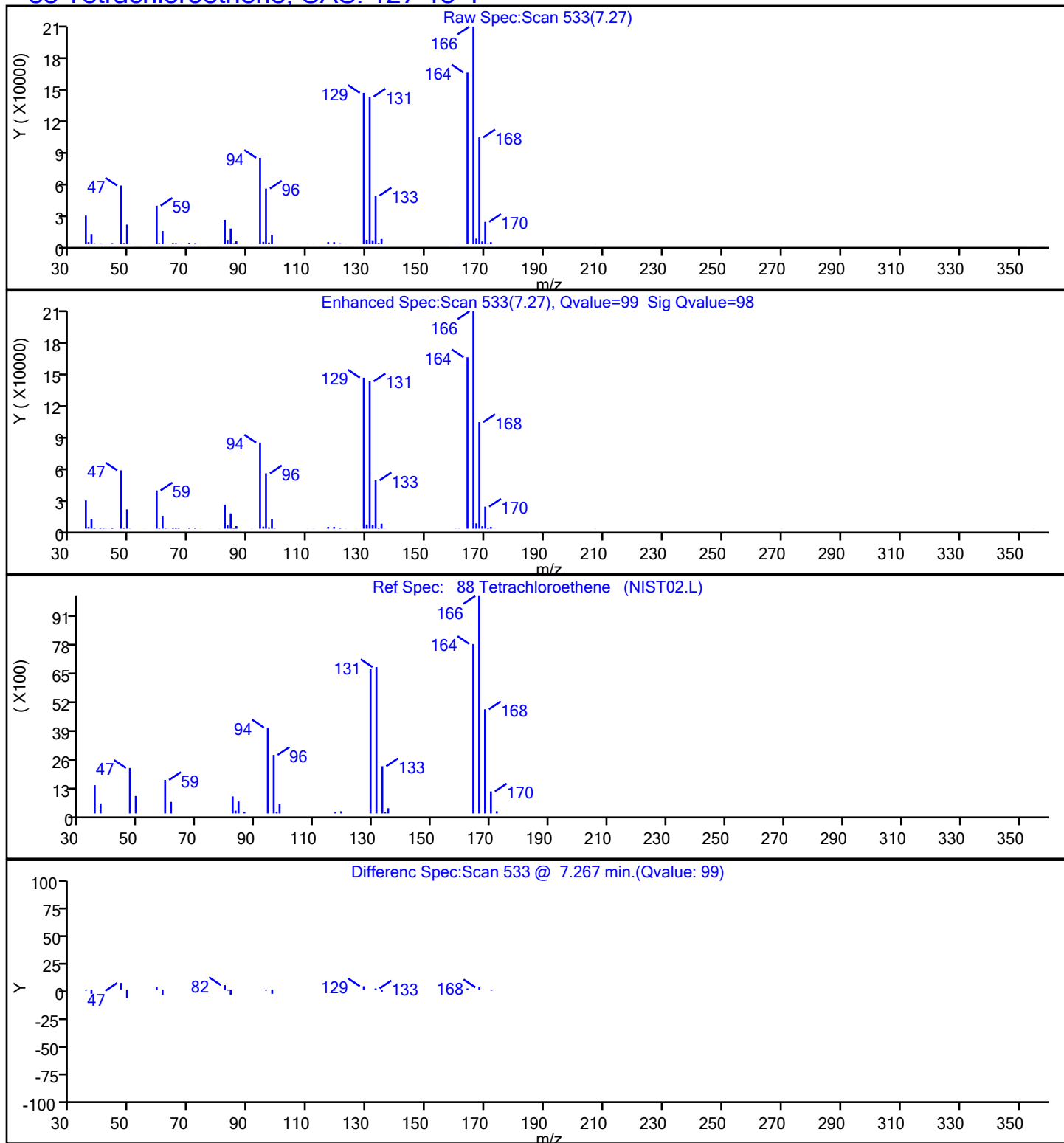
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D

Injection Date: 09-Sep-2022 00:27:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-4

Lab Sample ID: 460-264728-4

Client ID: FSMW14B-083022

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

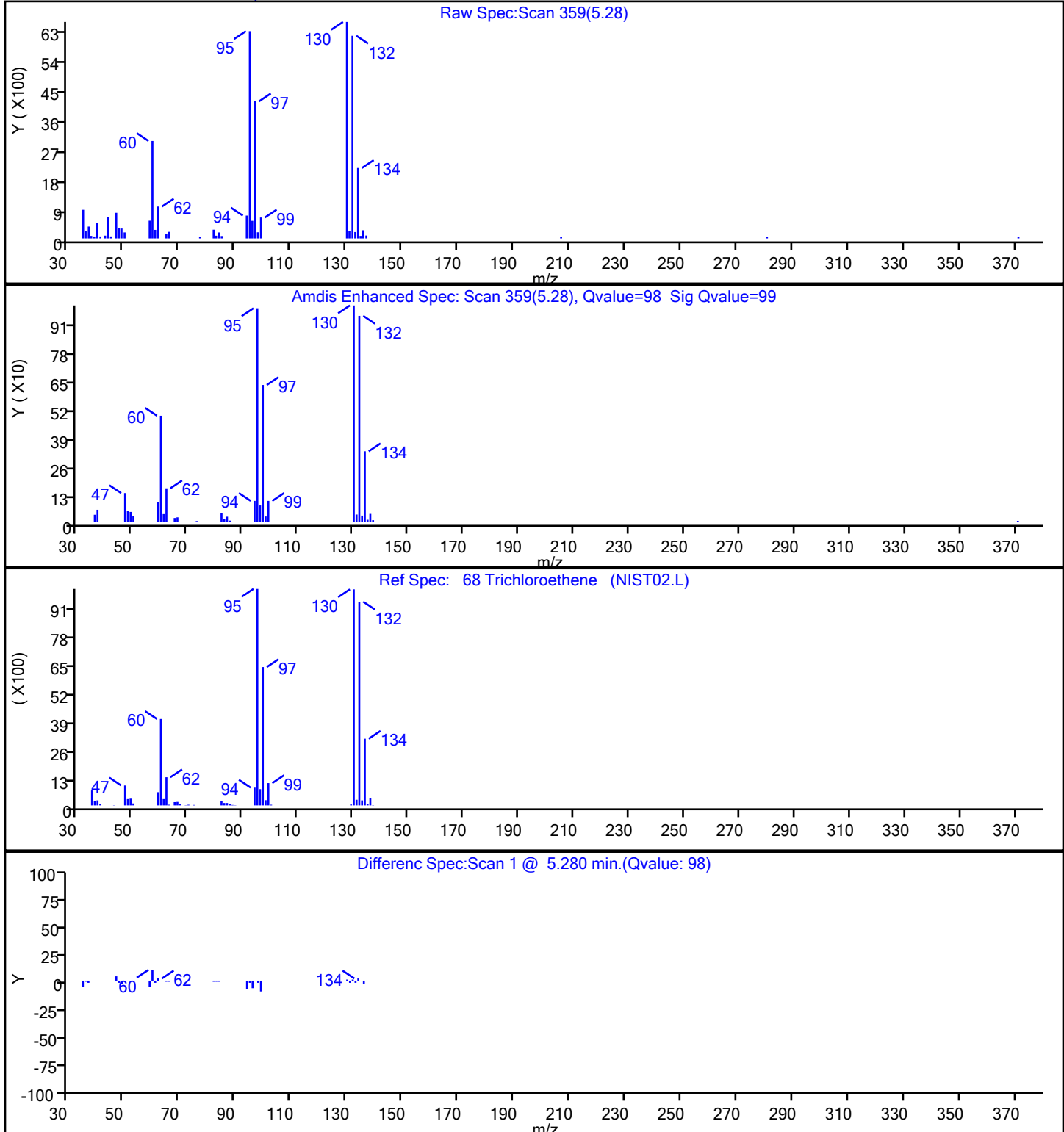
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D

Injection Date: 09-Sep-2022 00:27:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-4

Lab Sample ID: 460-264728-4

Client ID: FSMW14B-083022

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

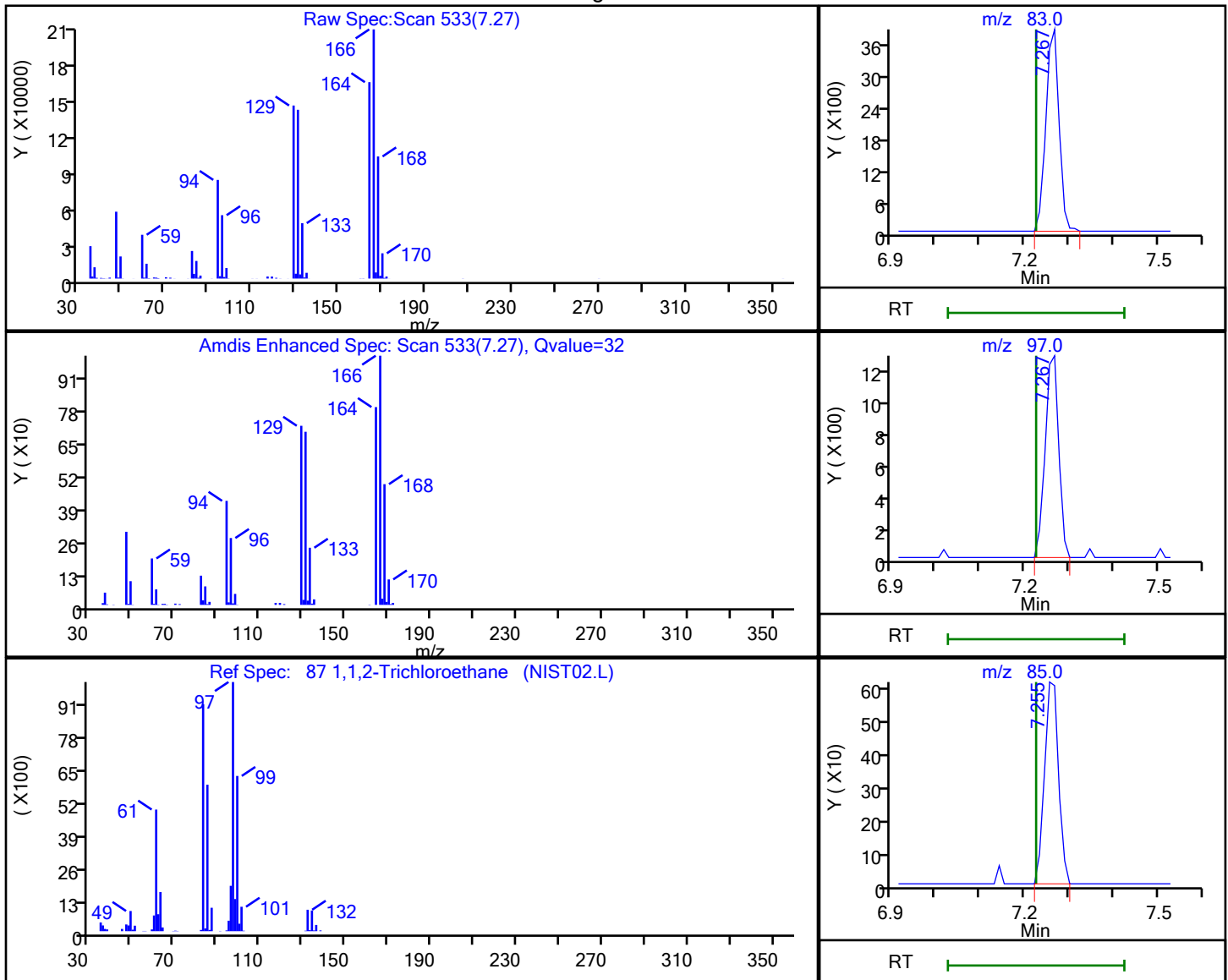
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.27	83.00	8013	4.415197
7.27	97.00	2709	
7.26	85.00	1352	

Reviewer: KG2Q, 09-Sep-2022 05:55:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79821.D

Injection Date: 09-Sep-2022 00:27:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-4

Lab Sample ID: 460-264728-4

Client ID: FSMW14B-083022

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

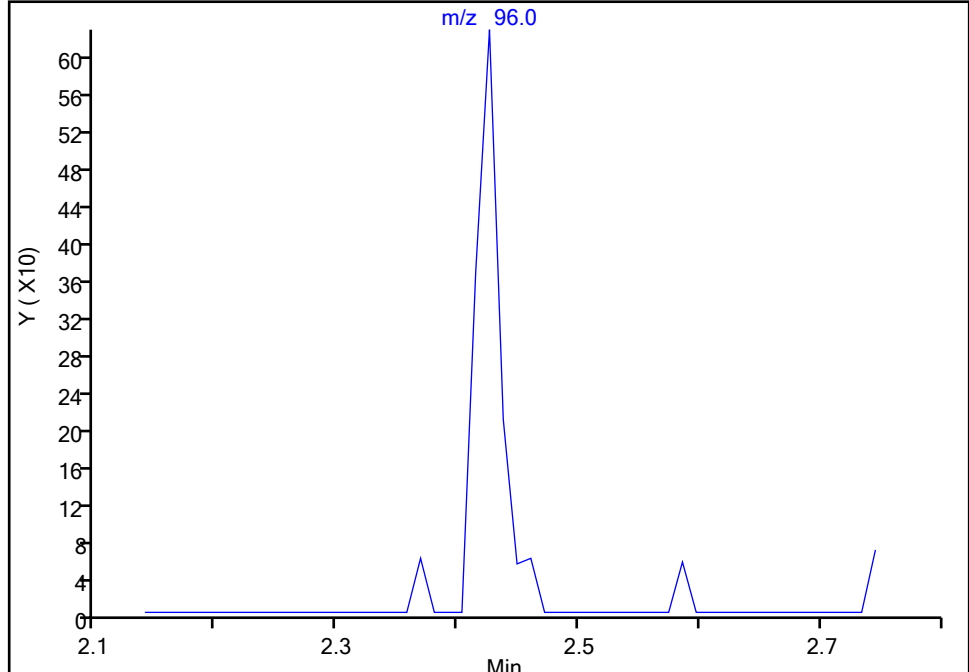
21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

Not Detected

Expected RT: 2.43

Processing Integration Results



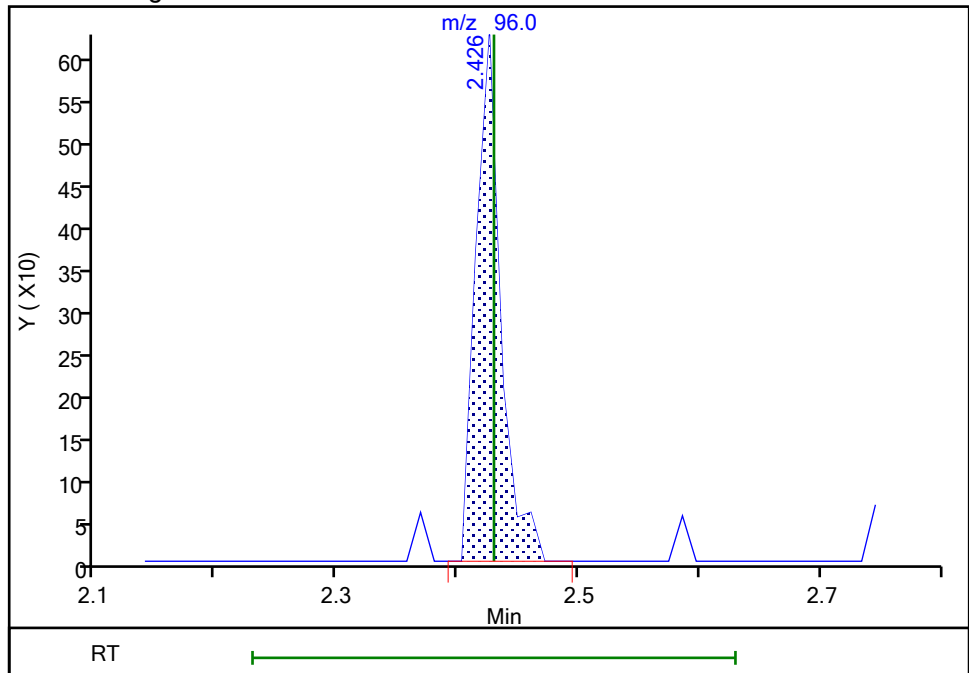
RT: 2.43

Area: 895

Amount: 0.501505

Amount Units: ug/l

Manual Integration Results



Reviewer: XE5L, 09-Sep-2022 20:46:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW13B-083022</u>	Lab Sample ID: <u>460-264728-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79822.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/30/2022 17:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 00:52</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	0.53	J	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	20		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	1.3		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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW13B-083022 Lab Sample ID: 460-264728-5
Matrix: Water Lab File ID: J79822.D
Analysis Method: 8260D Date Collected: 08/30/2022 17:40
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 00:52
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79822.D
 Lims ID: 460-264728-B-5
 Client ID: FSMW13B-083022
 Sample Type: Client
 Inject. Date: 09-Sep-2022 00:52:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-5
 Misc. Info.: 460-0150151-016
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:55:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.838	2.841	-0.003	75	225355	1000.0	
* 43 2-Butanone-d5	46	3.865	3.868	-0.003	86	320761	250.0	
44 cis-1,2-Dichloroethene	96	3.888	3.902	-0.014	90	1135	0.5282	
\$ 55 Dibromofluoromethane (Surr)	113	4.322	4.325	-0.003	96	109900	54.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.665	4.667	-0.002	0	137506	52.6	
* 66 Fluorobenzene	96	4.927	4.930	-0.003	98	448698	50.0	
68 Trichloroethene	95	5.281	5.272	0.009	97	2840	1.35	
* 72 1,4-Dioxane-d8	96	5.635	5.638	-0.003	0	24405	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.583	6.585	-0.002	98	364164	48.6	
88 Tetrachloroethene	166	7.256	7.270	-0.014	98	39255	20.3	
* 94 Chlorobenzene-d5	117	8.364	8.366	-0.002	88	343451	50.0	
\$ 105 4-Bromofluorobenzene	174	9.791	9.793	-0.002	95	123093	52.6	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.730	-0.003	97	196985	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79822.D

Injection Date: 09-Sep-2022 00:52:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-5

Lab Sample ID: 460-264728-5

Worklist Smp#: 16

Client ID: FSMW13B-083022

Purge Vol: 5.000 mL

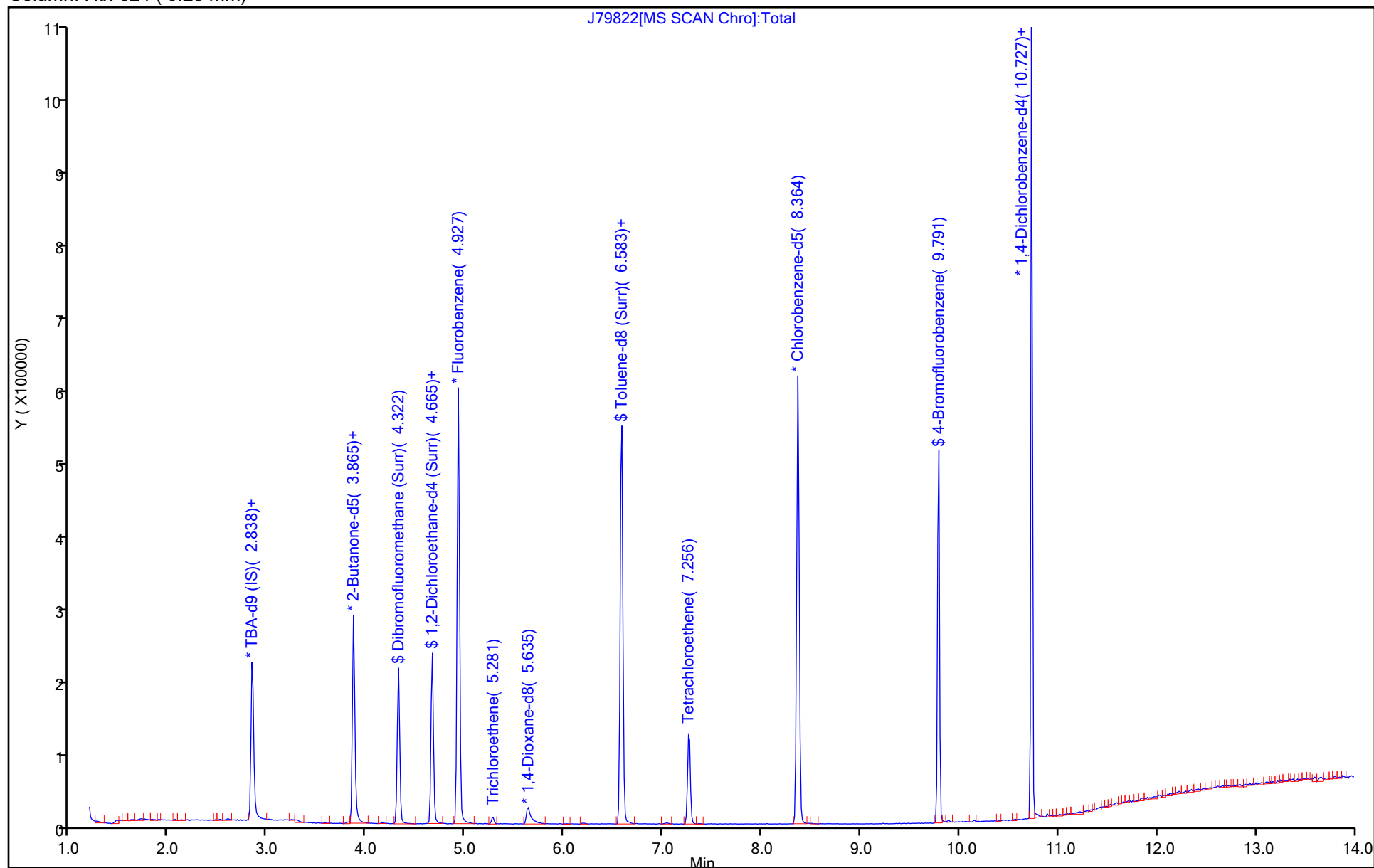
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79822.D
 Lims ID: 460-264728-B-5
 Client ID: FSMW13B-083022
 Sample Type: Client
 Inject. Date: 09-Sep-2022 00:52:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-5
 Misc. Info.: 460-0150151-016
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:55:46

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.9	109.87
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.6	105.19
\$ 83 Toluene-d8 (Surr)	50.0	48.6	97.22
\$ 105 4-Bromofluorobenzene	50.0	52.6	105.18

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79822.D

Injection Date: 09-Sep-2022 00:52:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-5

Lab Sample ID: 460-264728-5

Client ID: FSMW13B-083022

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

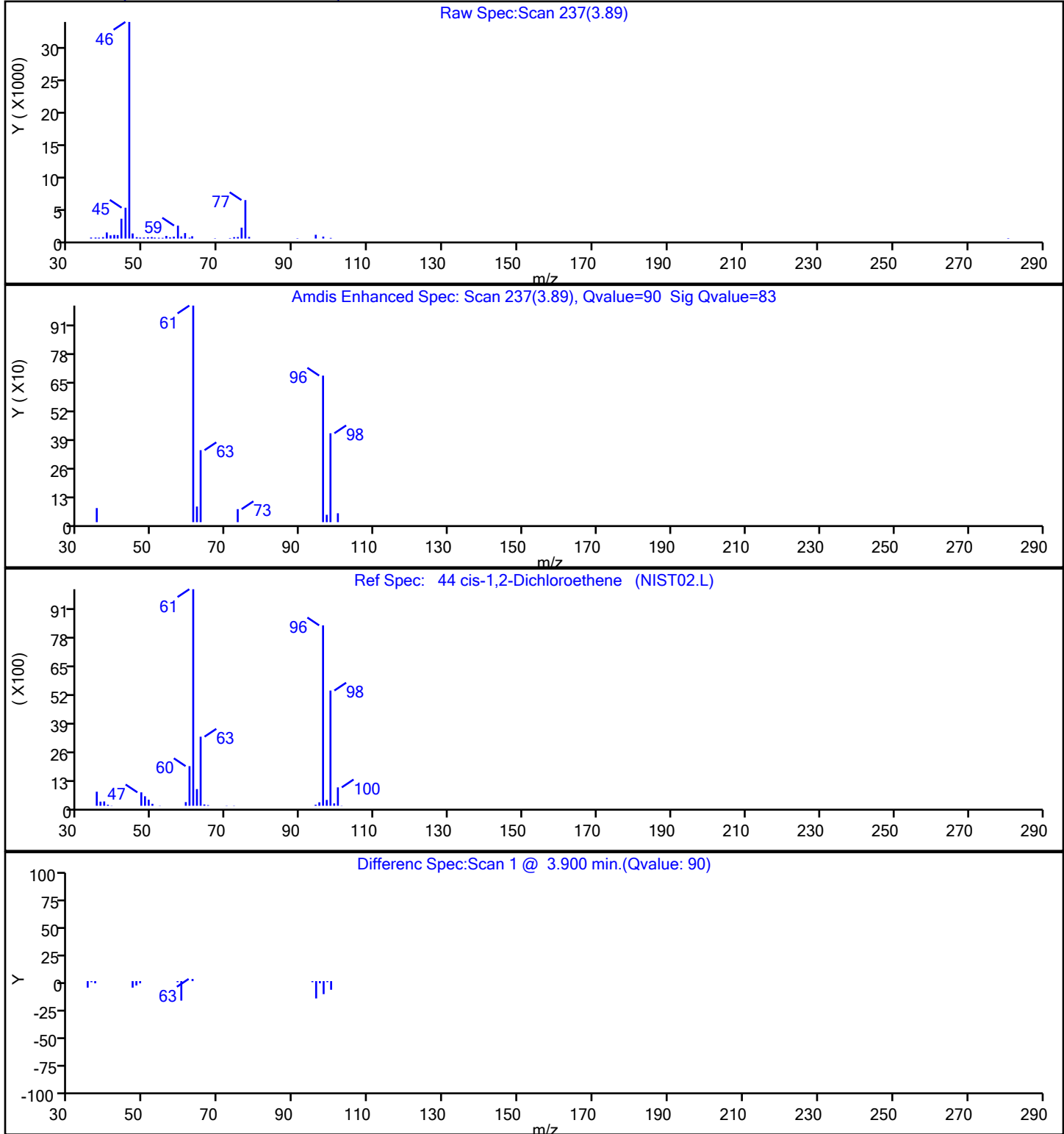
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79822.D

Injection Date: 09-Sep-2022 00:52:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-5

Lab Sample ID: 460-264728-5

Client ID: FSMW13B-083022

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

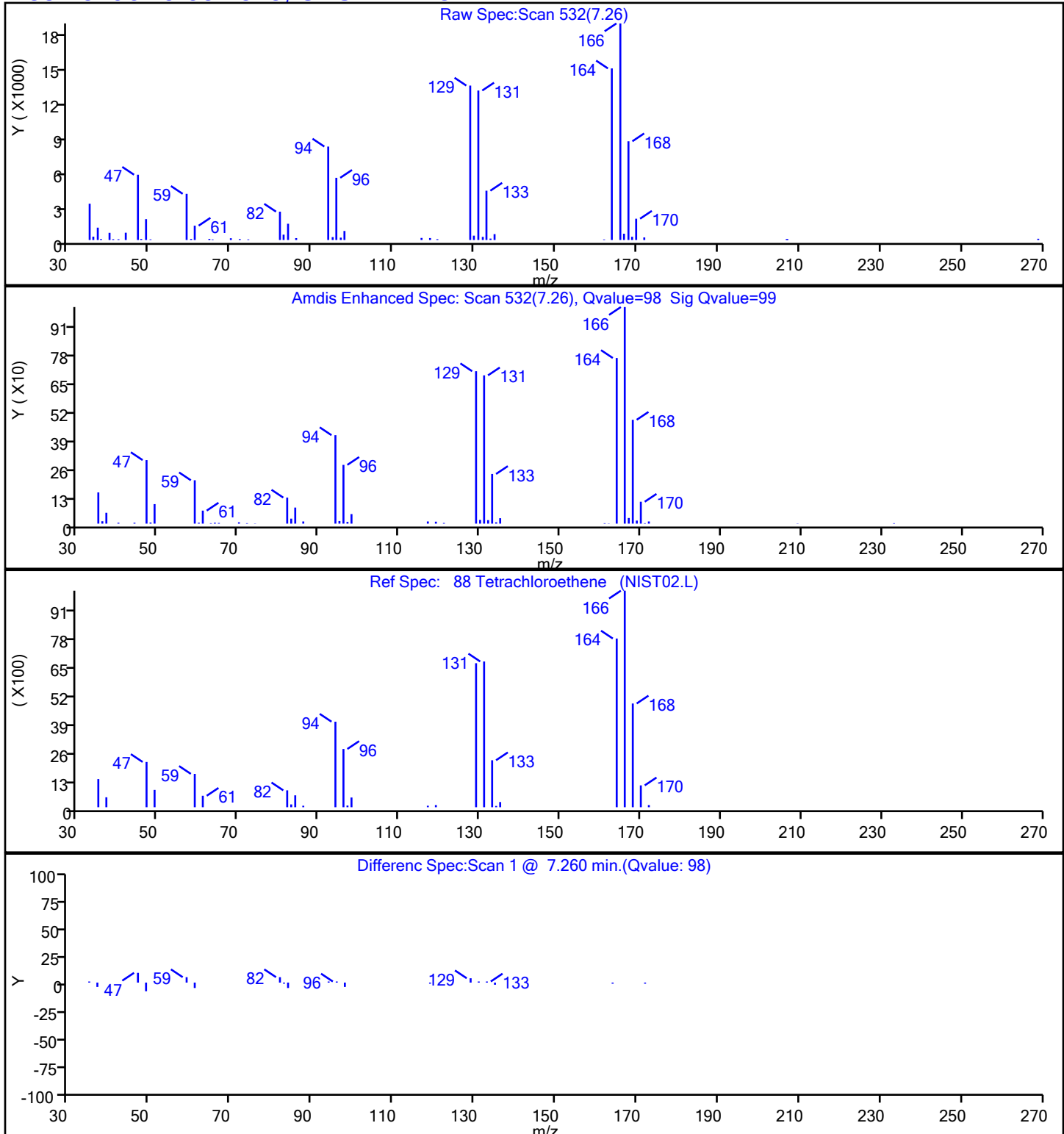
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79822.D

Injection Date: 09-Sep-2022 00:52:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-5

Lab Sample ID: 460-264728-5

Client ID: FSMW13B-083022

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

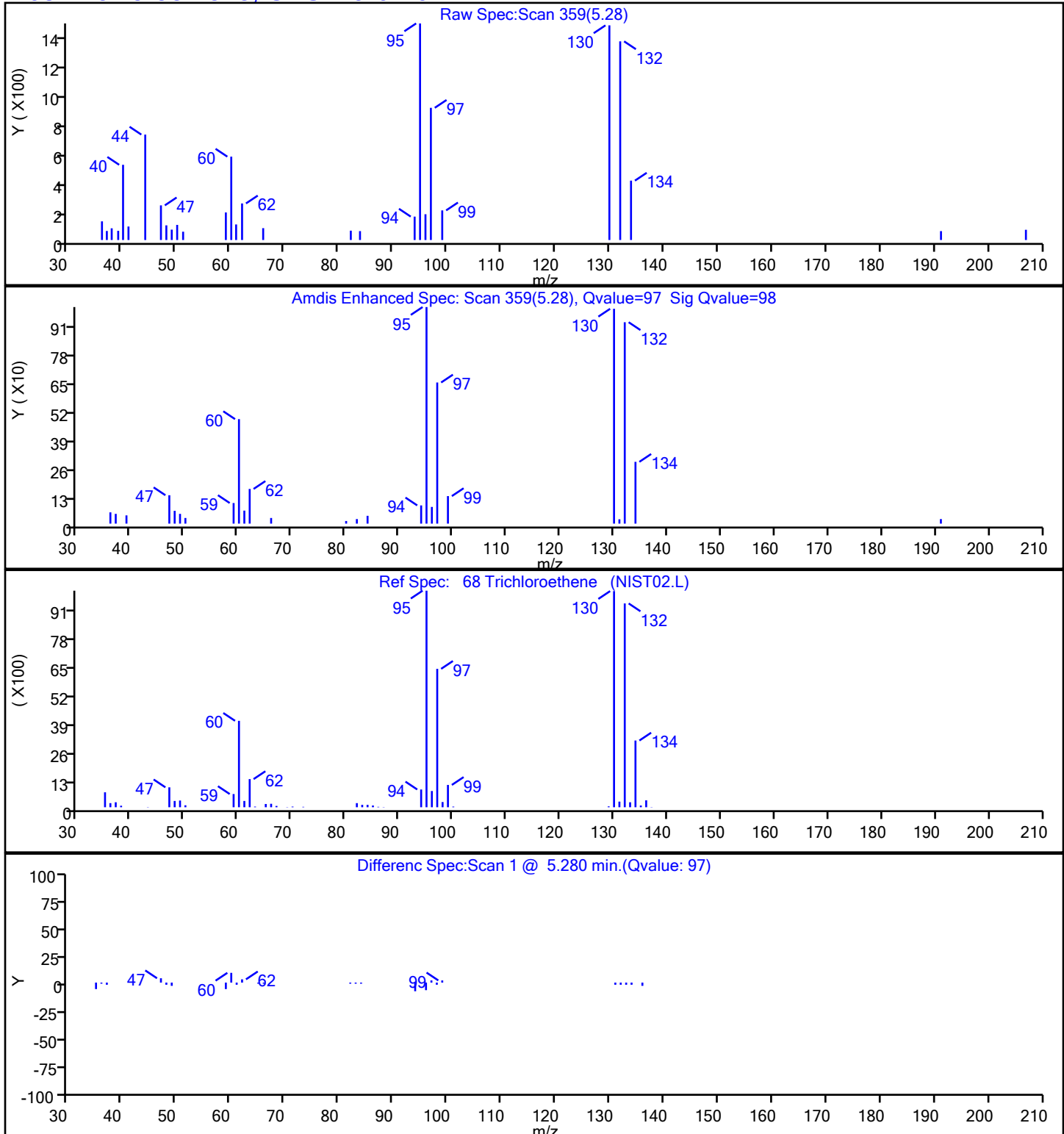
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW13A-083122</u>	Lab Sample ID: <u>460-264728-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79823.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 08:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 01:17</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	1.4		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	2.6		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	76		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	2.6		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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW13A-083122 Lab Sample ID: 460-264728-6
Matrix: Water Lab File ID: J79823.D
Analysis Method: 8260D Date Collected: 08/31/2022 08:55
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 01:17
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79823.D
 Lims ID: 460-264728-B-6
 Client ID: FSMW13A-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 01:17:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-6
 Misc. Info.: 460-0150151-017
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:56:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.840	2.841	-0.001	75	228275	1000.0	
* 43 2-Butanone-d5	46	3.867	3.868	-0.001	86	336618	250.0	
44 cis-1,2-Dichloroethene	96	3.890	3.902	-0.012	93	5830	2.65	
\$ 55 Dibromofluoromethane (Surr)	113	4.324	4.325	-0.001	96	111128	54.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.666	4.667	-0.001	0	137083	51.2	
* 66 Fluorobenzene	96	4.929	4.930	-0.001	98	459865	50.0	
68 Trichloroethene	95	5.271	5.272	-0.001	96	5702	2.64	
71 1,2-Dichloropropane	63	5.557	5.558	-0.001	85	3592	1.37	
* 72 1,4-Dioxane-d8	96	5.625	5.638	-0.013	0	22628	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.573	6.585	-0.012	99	361700	48.7	
88 Tetrachloroethene	166	7.258	7.270	-0.012	97	145599	76.1	
* 94 Chlorobenzene-d5	117	8.365	8.366	-0.001	88	340271	50.0	
\$ 105 4-Bromofluorobenzene	174	9.793	9.793	-0.001	96	122225	52.7	
* 121 1,4-Dichlorobenzene-d4	152	10.729	10.730	-0.001	96	193618	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79823.D

Injection Date: 09-Sep-2022 01:17:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-6

Lab Sample ID: 460-264728-6

Worklist Smp#: 17

Client ID: FSMW13A-083122

Purge Vol: 5.000 mL

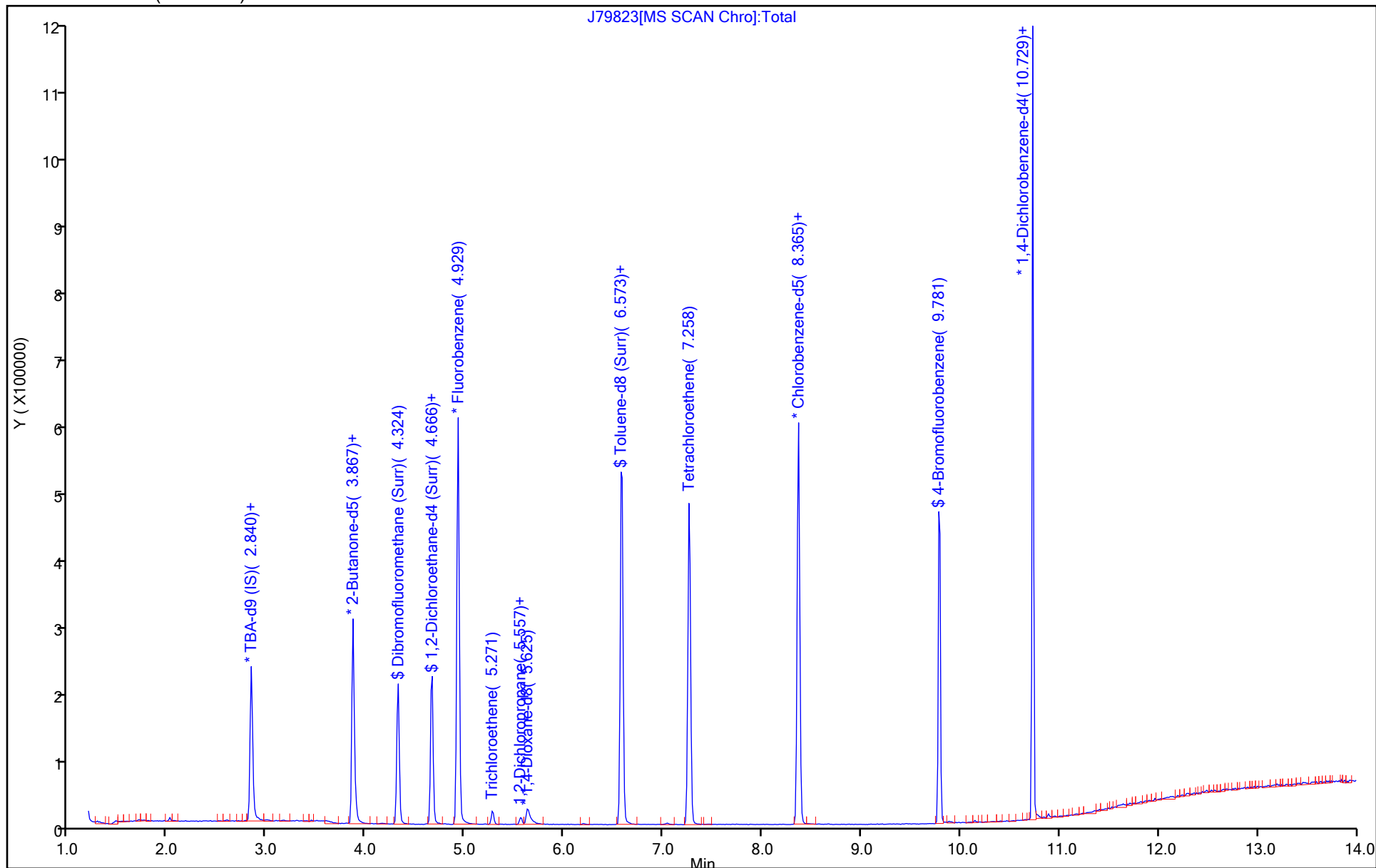
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79823.D
 Lims ID: 460-264728-B-6
 Client ID: FSMW13A-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 01:17:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-6
 Misc. Info.: 460-0150151-017
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:56:11

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.2	108.40
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.32
\$ 83 Toluene-d8 (Surr)	50.0	48.7	97.47
\$ 105 4-Bromofluorobenzene	50.0	52.7	105.41

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79823.D

Injection Date: 09-Sep-2022 01:17:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-6

Lab Sample ID: 460-264728-6

Client ID: FSMW13A-083122

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

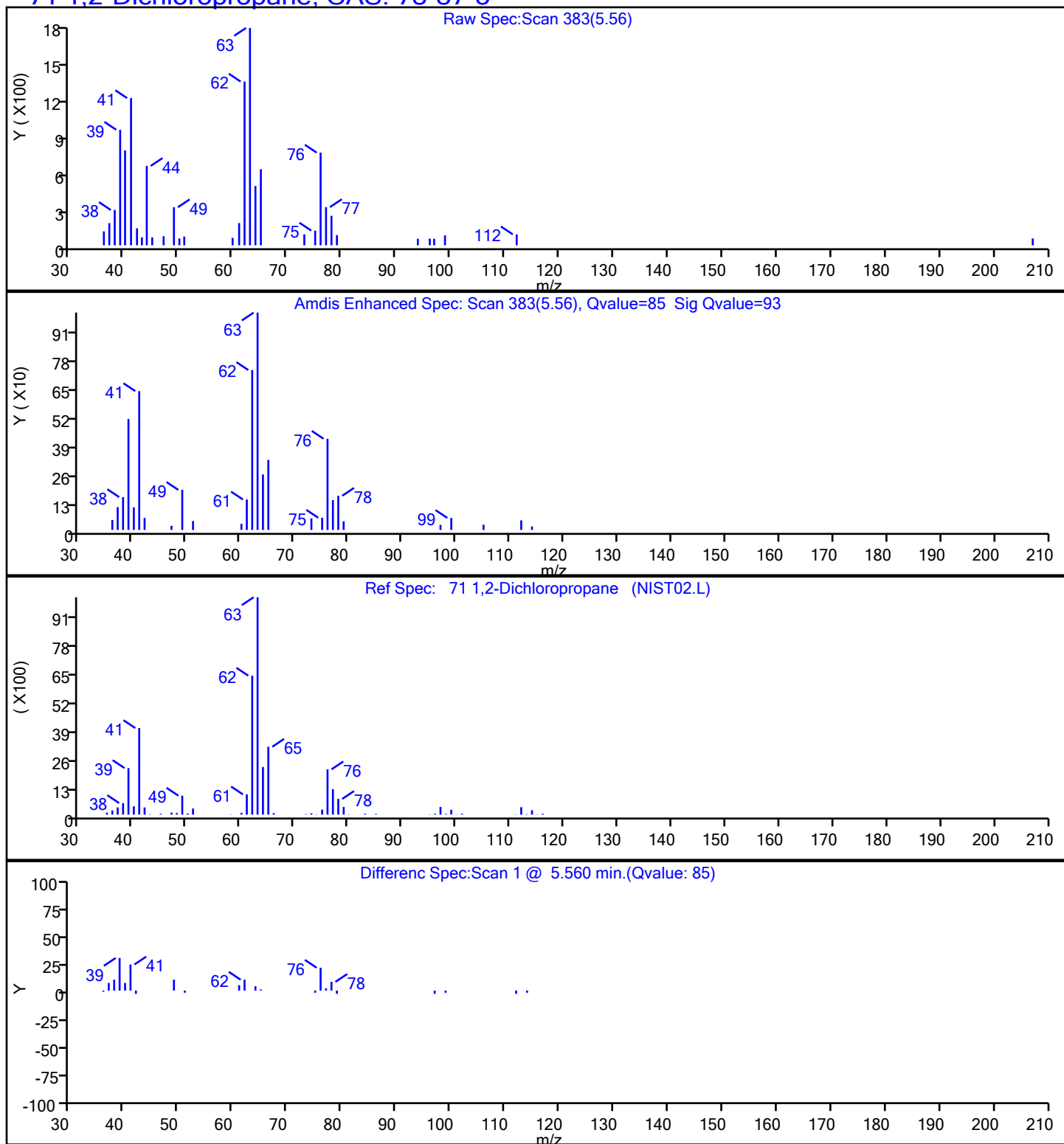
Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79823.D

Injection Date: 09-Sep-2022 01:17:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-6

Lab Sample ID: 460-264728-6

Client ID: FSMW13A-083122

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

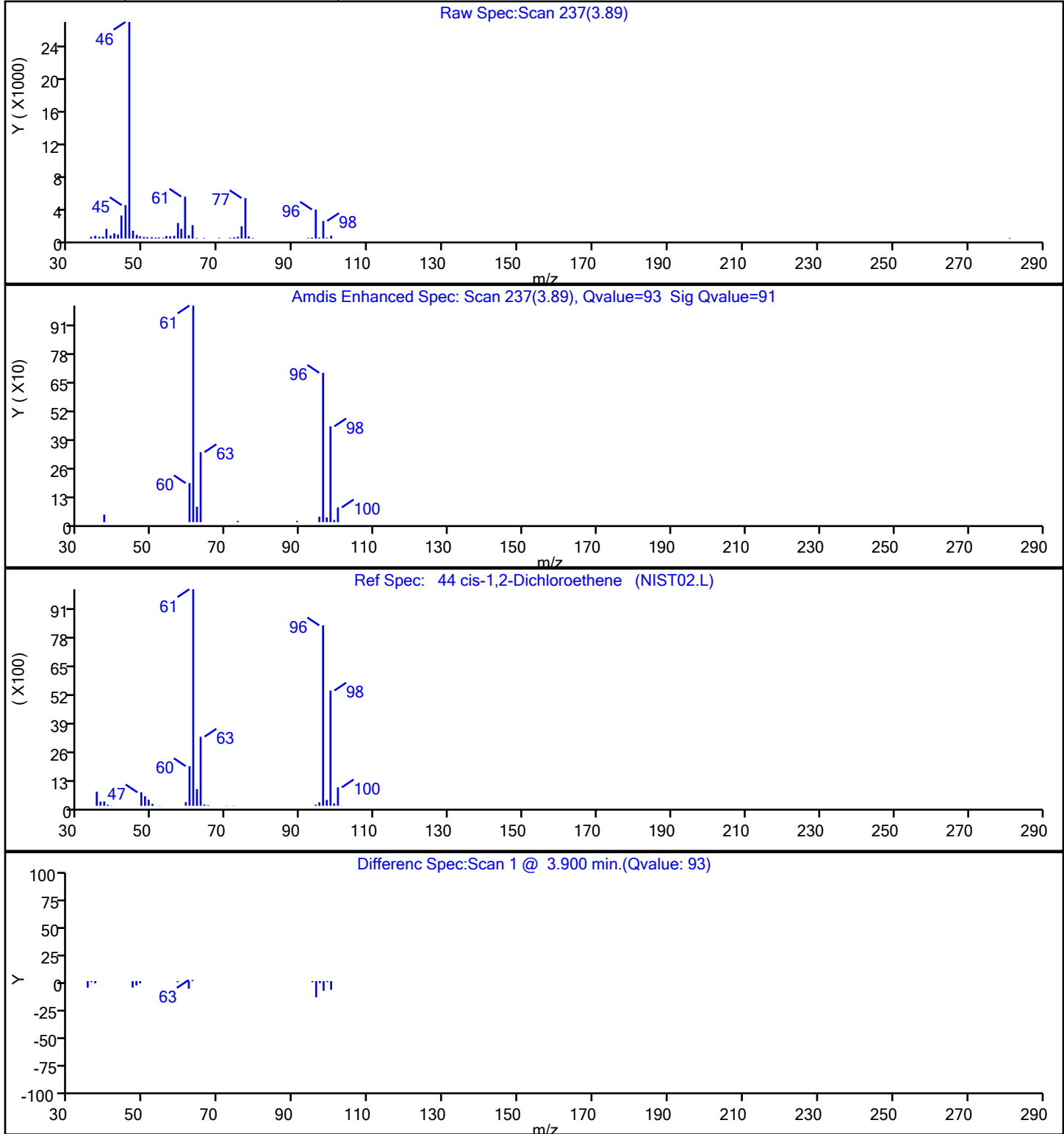
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79823.D

Injection Date: 09-Sep-2022 01:17:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-6

Lab Sample ID: 460-264728-6

Client ID: FSMW13A-083122

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

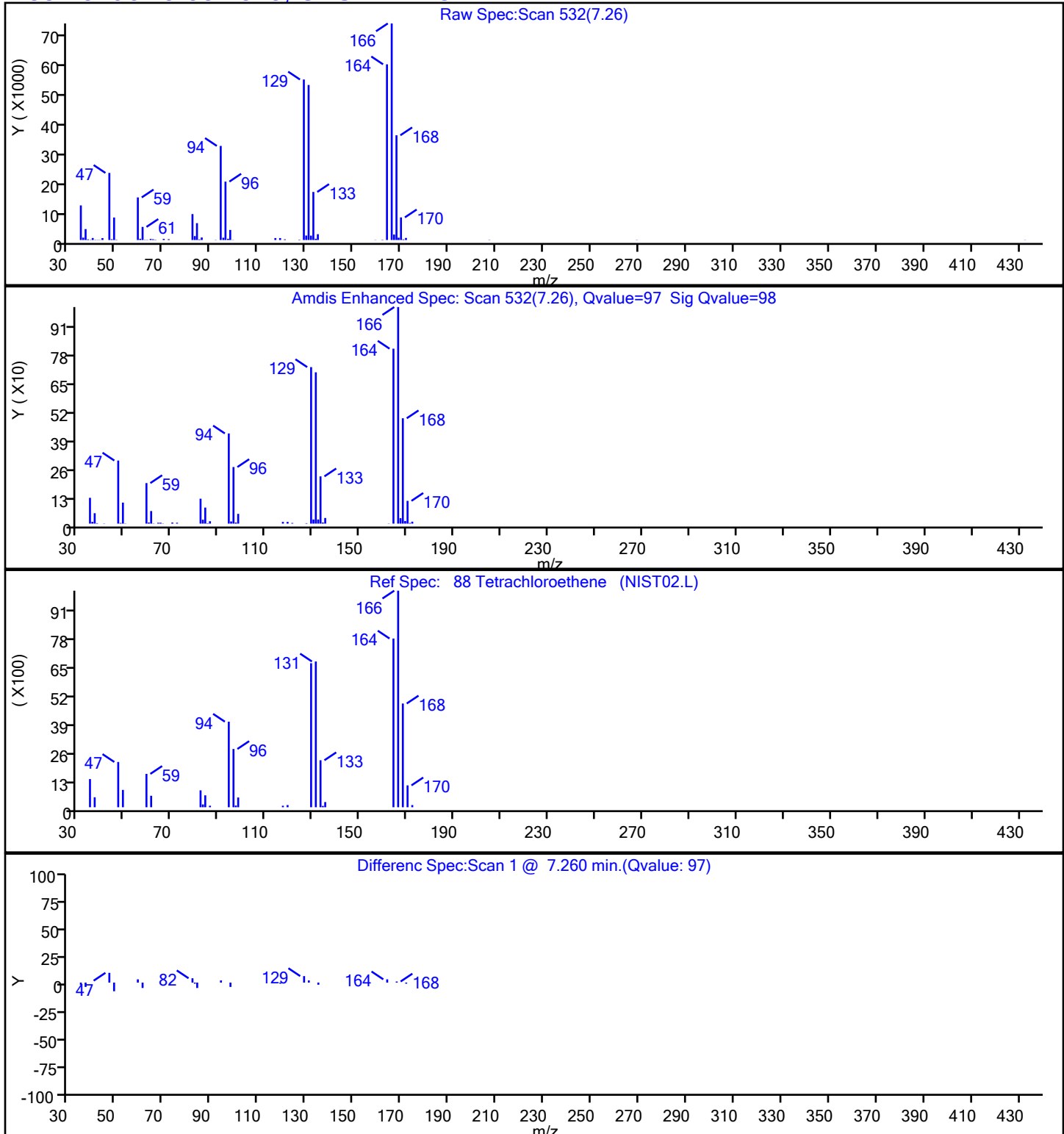
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79823.D

Injection Date: 09-Sep-2022 01:17:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-6

Lab Sample ID: 460-264728-6

Client ID: FSMW13A-083122

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

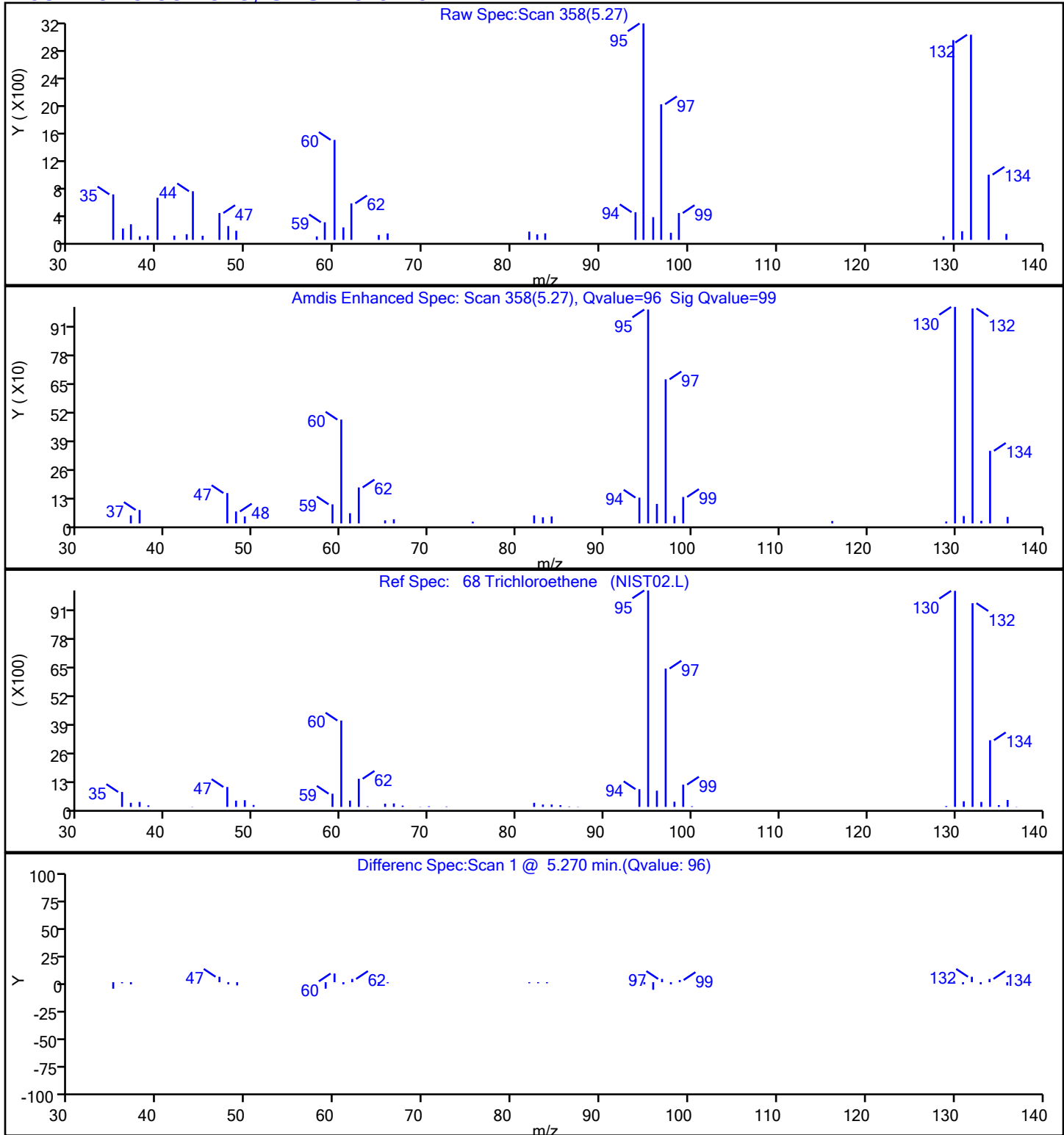
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79823.D

Injection Date: 09-Sep-2022 01:17:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-6

Lab Sample ID: 460-264728-6

Client ID: FSMW13A-083122

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

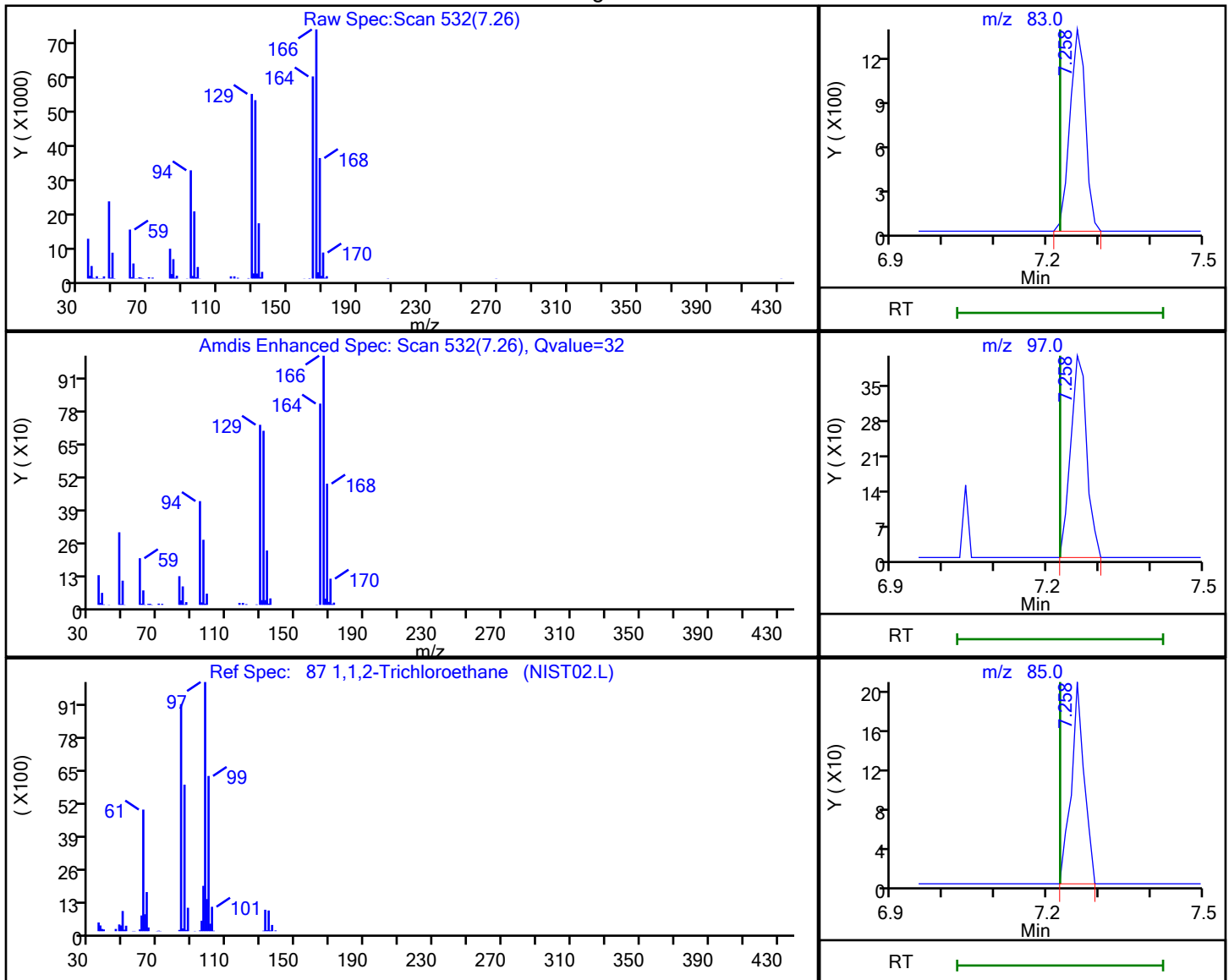
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.26	83.00	2770	1.582373
7.26	97.00	883	
7.26	85.00	354	

Reviewer: KG2Q, 09-Sep-2022 05:56:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP01-083122</u>	Lab Sample ID: <u>460-264728-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79824.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 08:57</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 01:43</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	2.9		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	77		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	2.7		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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: DUP01-083122 Lab Sample ID: 460-264728-7
Matrix: Water Lab File ID: J79824.D
Analysis Method: 8260D Date Collected: 08/31/2022 08:57
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 01:43
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79824.D
 Lims ID: 460-264728-B-7
 Client ID: DUP01-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 01:43:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-7
 Misc. Info.: 460-0150151-018
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:56:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.837	2.841	-0.004	75	225715	1000.0	
* 43 2-Butanone-d5	46	3.864	3.868	-0.004	86	334691	250.0	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	95	6299	2.89	
\$ 55 Dibromofluoromethane (Surr)	113	4.321	4.325	-0.004	96	108523	53.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.663	4.667	-0.004	0	135000	50.8	
* 66 Fluorobenzene	96	4.926	4.930	-0.004	98	455650	50.0	
68 Trichloroethene	95	5.280	5.272	0.008	95	5858	2.73	
71 1,2-Dichloropropane	63	5.565	5.558	0.007	85	3502	1.35	
* 72 1,4-Dioxane-d8	96	5.634	5.638	-0.004	0	25124	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.581	6.585	-0.004	98	356872	47.3	
88 Tetrachloroethene	166	7.266	7.270	-0.004	98	150023	77.1	
* 94 Chlorobenzene-d5	117	8.362	8.366	-0.004	88	345820	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	96	121245	51.4	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.730	-0.004	97	195742	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00232 Amount Added: 1.00 Units: uL Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79824.D

Injection Date: 09-Sep-2022 01:43:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-7

Lab Sample ID: 460-264728-7

Worklist Smp#: 18

Client ID: DUP01-083122

Purge Vol: 5.000 mL

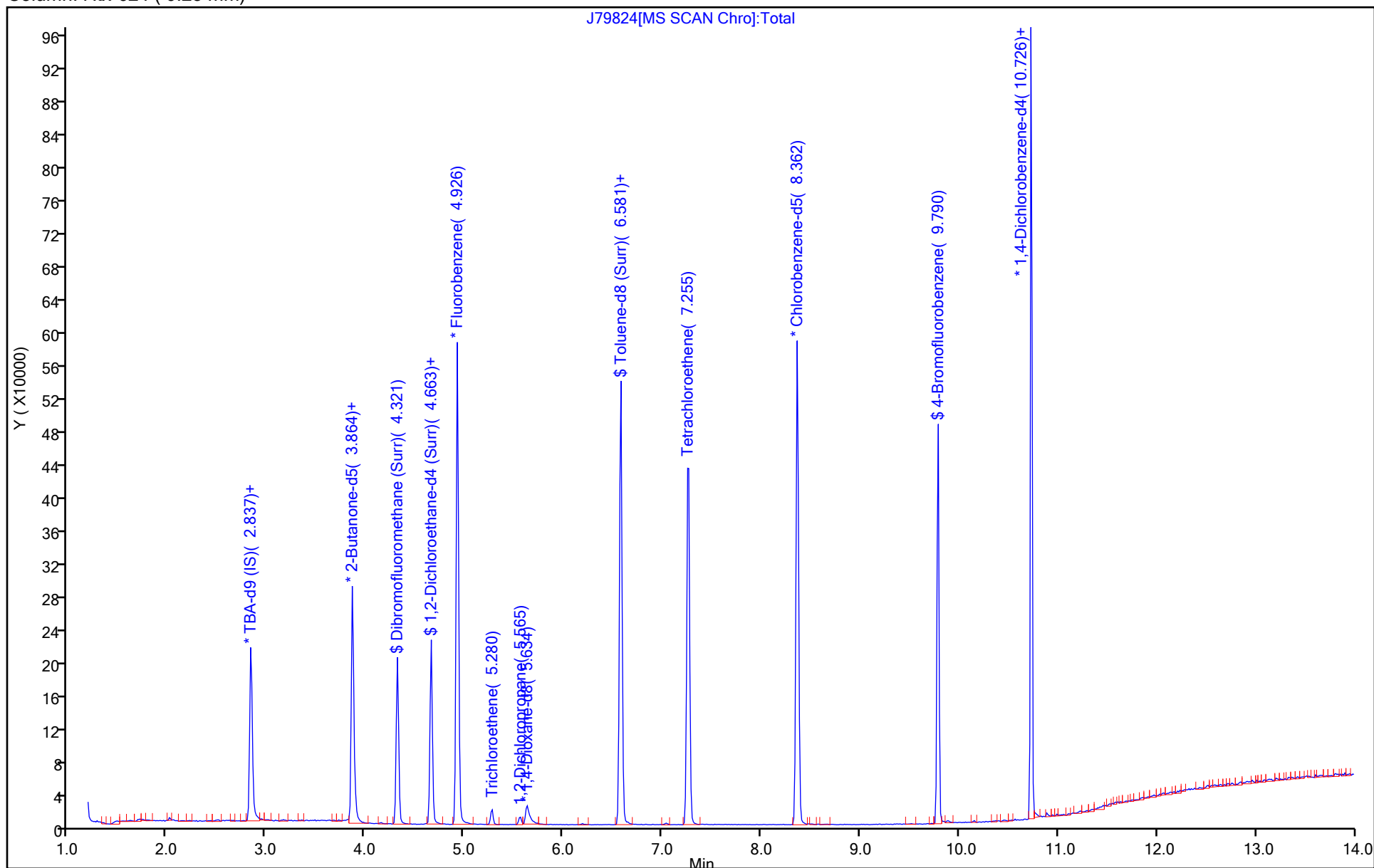
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79824.D
 Lims ID: 460-264728-B-7
 Client ID: DUP01-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 01:43:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-7
 Misc. Info.: 460-0150151-018
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:56:29

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.4	106.84
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.8	101.69
\$ 83 Toluene-d8 (Surr)	50.0	47.3	94.62
\$ 105 4-Bromofluorobenzene	50.0	51.4	102.89

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79824.D

Injection Date: 09-Sep-2022 01:43:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-7

Lab Sample ID: 460-264728-7

Client ID: DUP01-083122

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

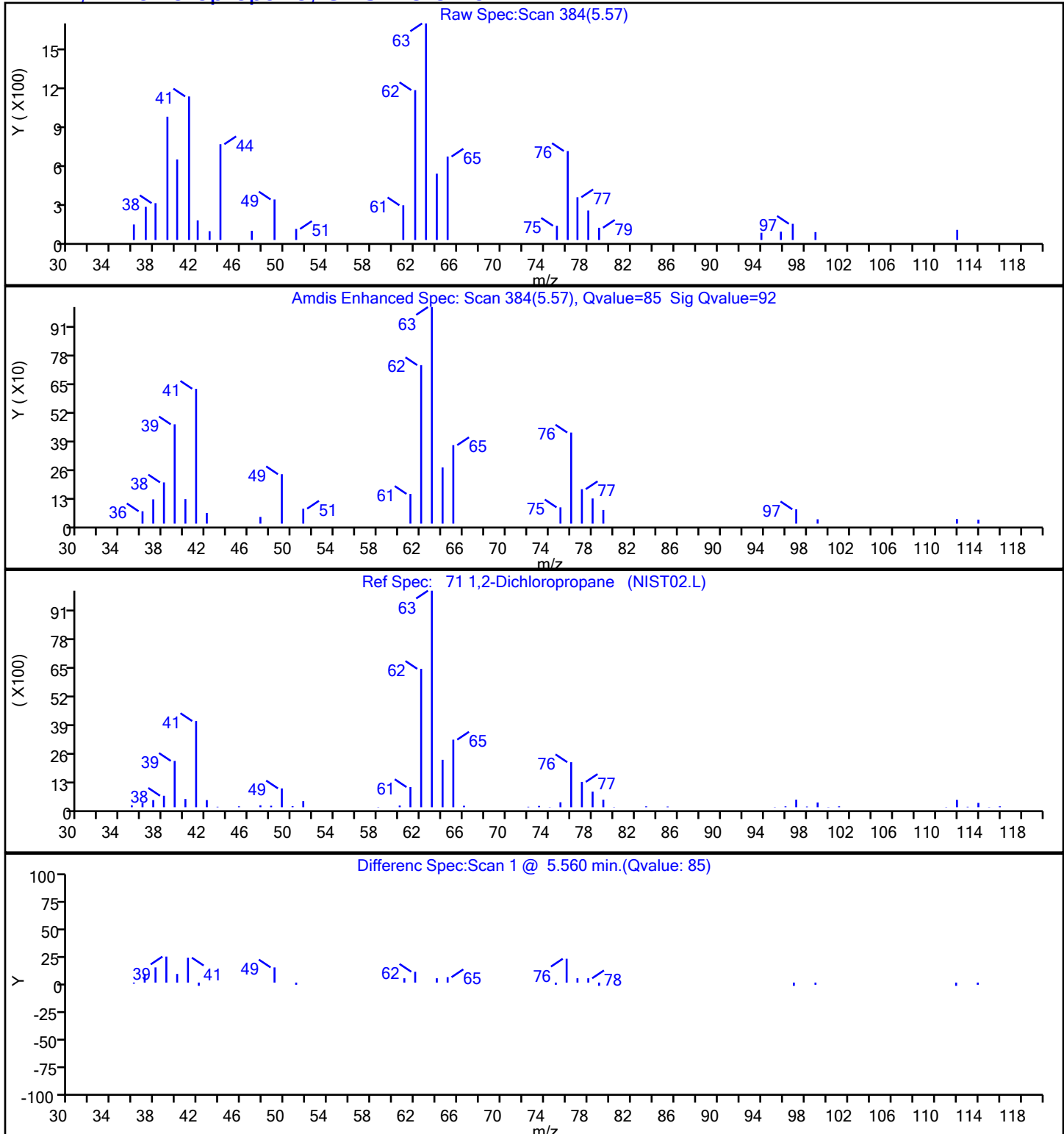
Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79824.D

Injection Date: 09-Sep-2022 01:43:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-7

Lab Sample ID: 460-264728-7

Client ID: DUP01-083122

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

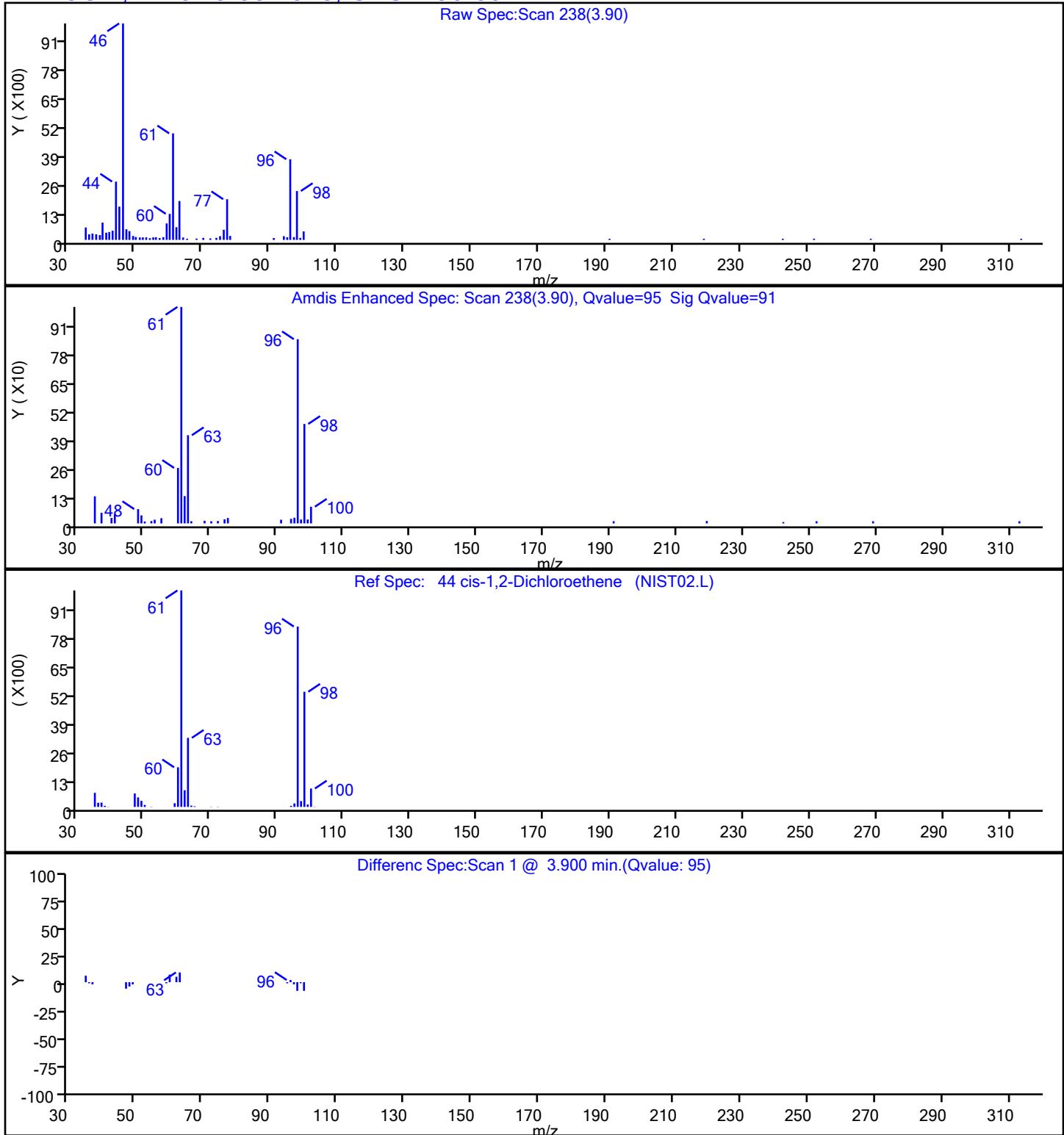
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79824.D

Injection Date: 09-Sep-2022 01:43:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-7

Lab Sample ID: 460-264728-7

Client ID: DUP01-083122

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

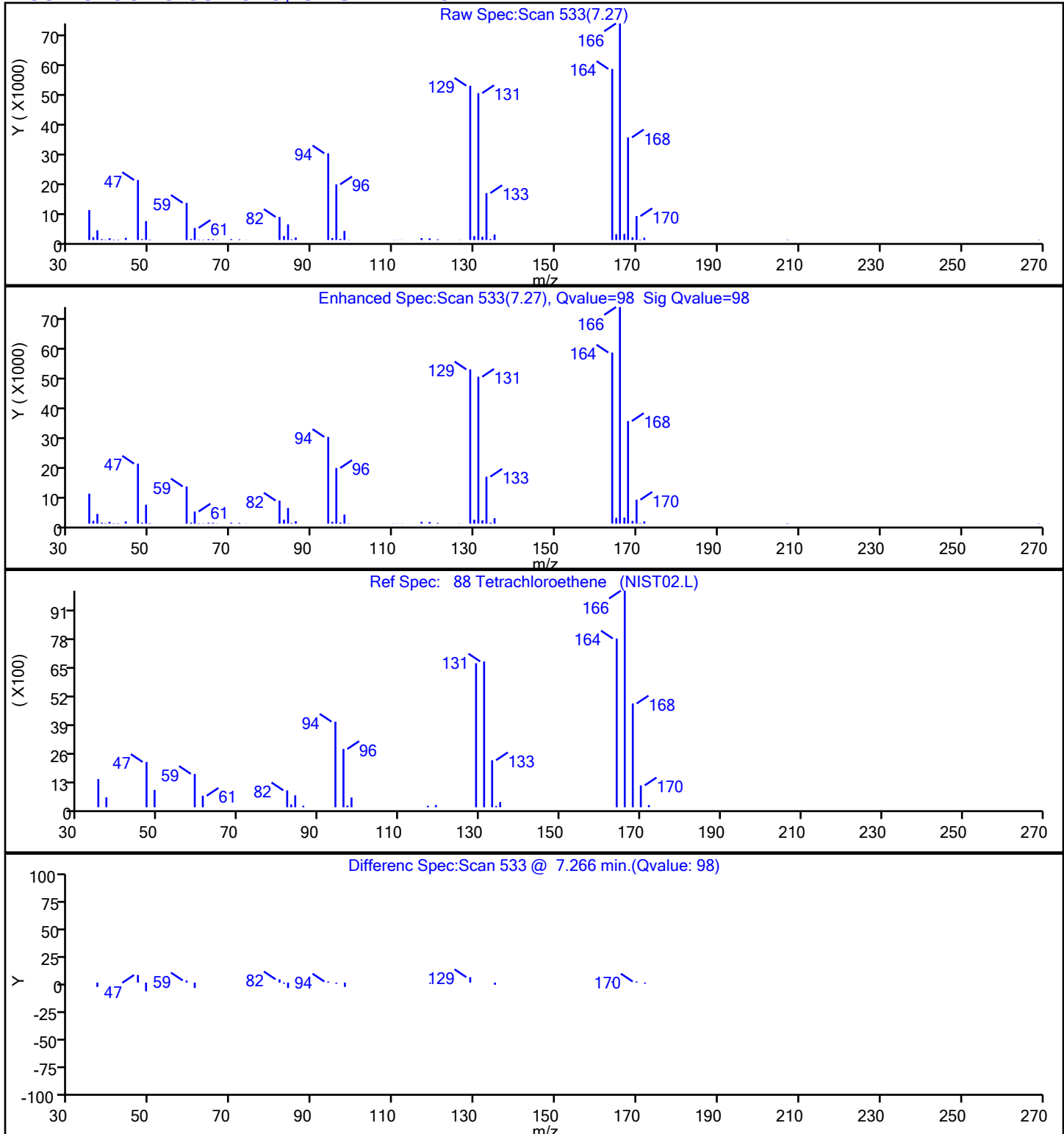
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79824.D

Injection Date: 09-Sep-2022 01:43:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-7

Lab Sample ID: 460-264728-7

Client ID: DUP01-083122

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

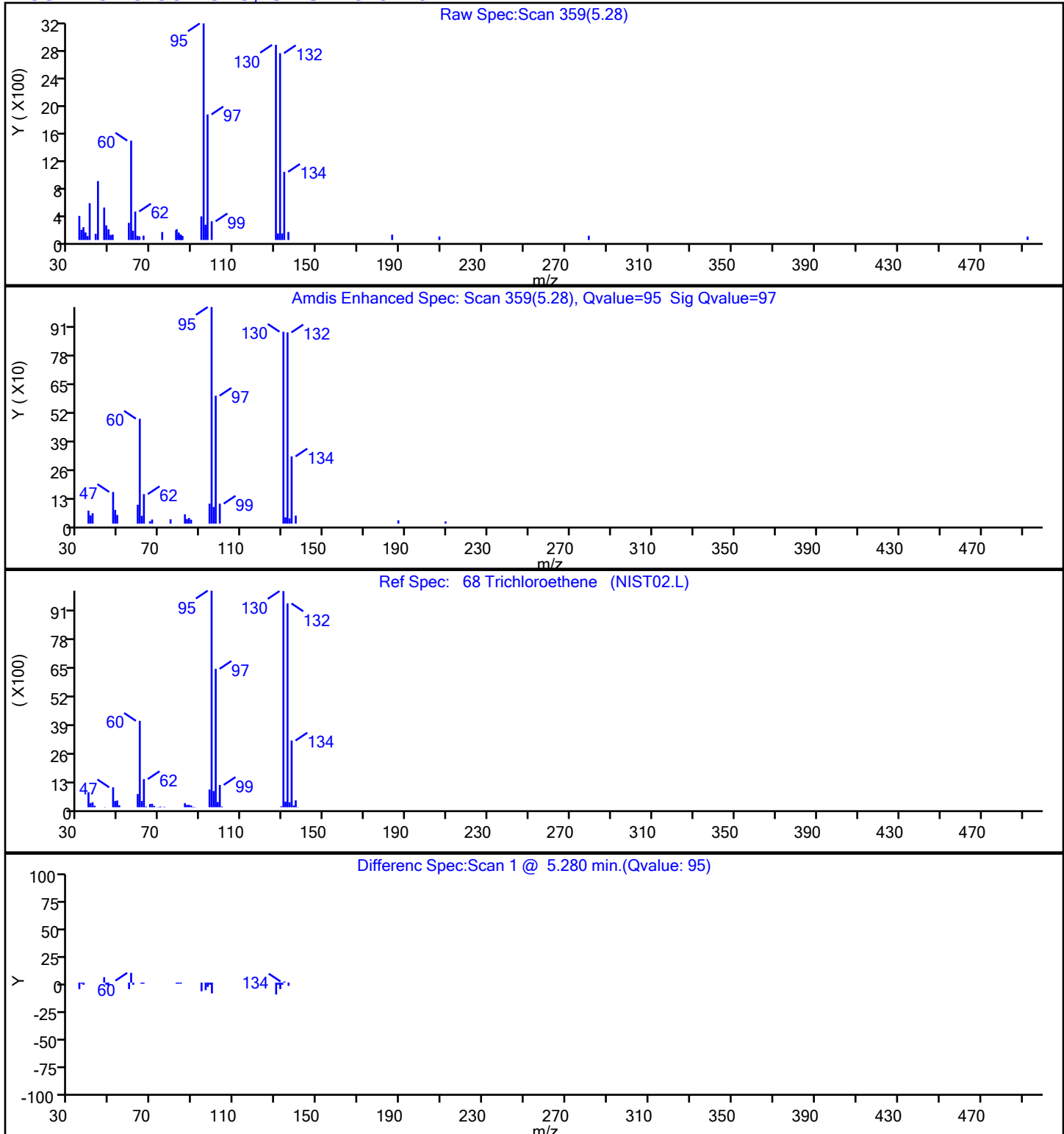
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79824.D

Injection Date: 09-Sep-2022 01:43:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-7

Lab Sample ID: 460-264728-7

Client ID: DUP01-083122

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

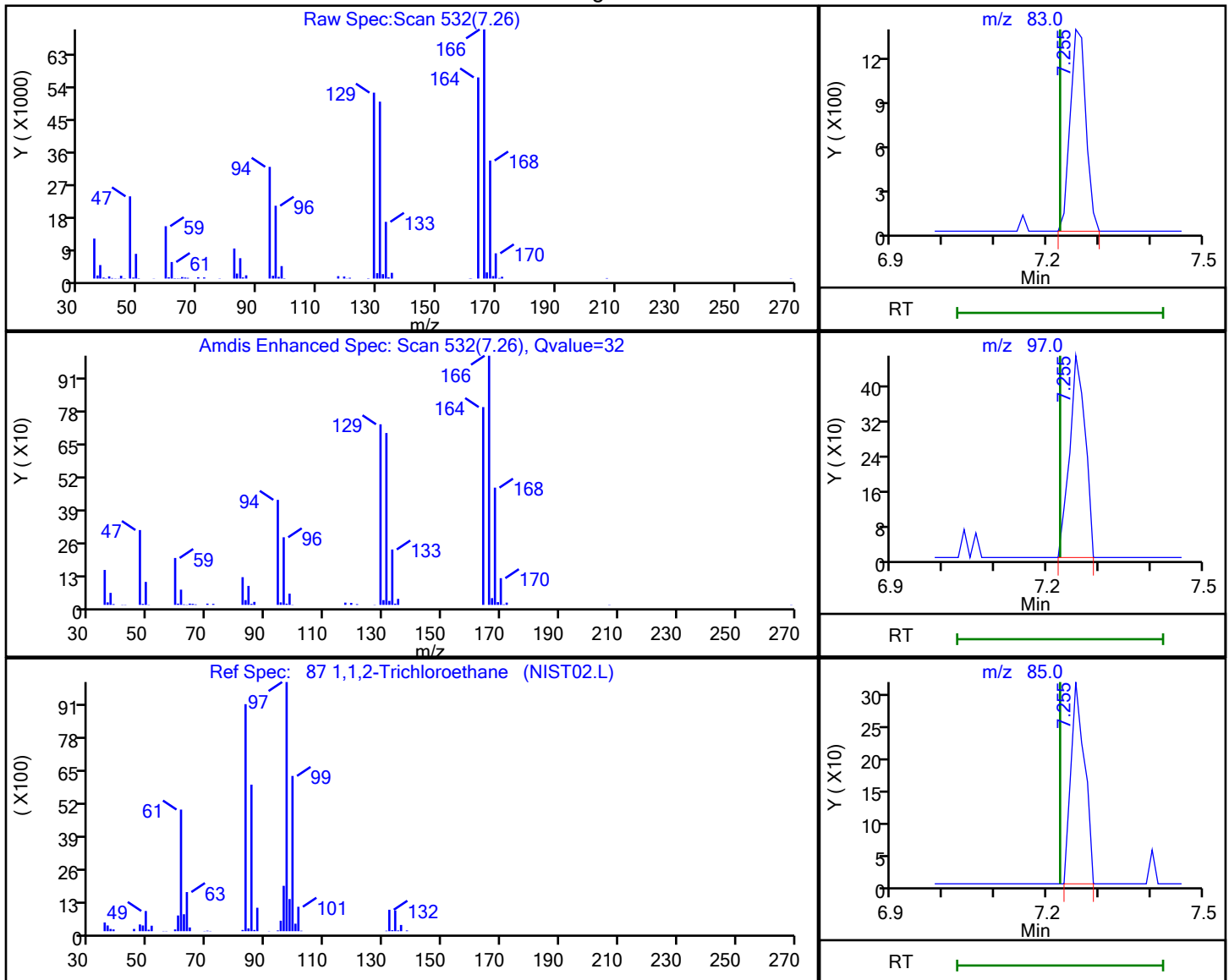
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.26	83.00	2945	1.655347
7.26	97.00	971	
7.26	85.00	580	

Reviewer: KG2Q, 09-Sep-2022 05:56:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>EB01-083122</u>	Lab Sample ID: <u>460-264728-8</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79817.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 09:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/08/2022 22:46</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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)	2.3	J	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	0.22	U	1.0	0.22
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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: EB01-083122 Lab Sample ID: 460-264728-8
Matrix: Water Lab File ID: J79817.D
Analysis Method: 8260D Date Collected: 08/31/2022 09:10
Sample wt/vol: 5 (mL) Date Analyzed: 09/08/2022 22:46
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79817.D
 Lims ID: 460-264728-B-8
 Client ID: EB01-083122
 Sample Type: Client
 Inject. Date: 08-Sep-2022 22:46:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-8
 Misc. Info.: 460-0150151-011
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 05:59:40 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1660

First Level Reviewer: C1JX

Date: 08-Sep-2022 23:03:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.837	2.841	-0.004	75	167748	1000.0	
* 43 2-Butanone-d5	46	3.865	3.868	-0.003	86	267657	250.0	
46 2-Butanone (MEK)	72	3.922	3.925	-0.003	98	451	2.32	
\$ 55 Dibromofluoromethane (Surr)	113	4.321	4.325	-0.004	96	111722	53.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	130936	48.3	
* 66 Fluorobenzene	96	4.926	4.930	-0.004	98	465685	50.0	
* 72 1,4-Dioxane-d8	96	5.634	5.638	-0.004	0	20066	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	98	368812	47.8	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	89	354109	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	93	124373	51.5	
* 121 1,4-Dichlorobenzene-d4	152	10.737	10.730	0.007	95	204408	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79817.D

Injection Date: 08-Sep-2022 22:46:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-8

Lab Sample ID: 460-264728-8

Worklist Smp#: 11

Client ID: EB01-083122

Purge Vol: 5.000 mL

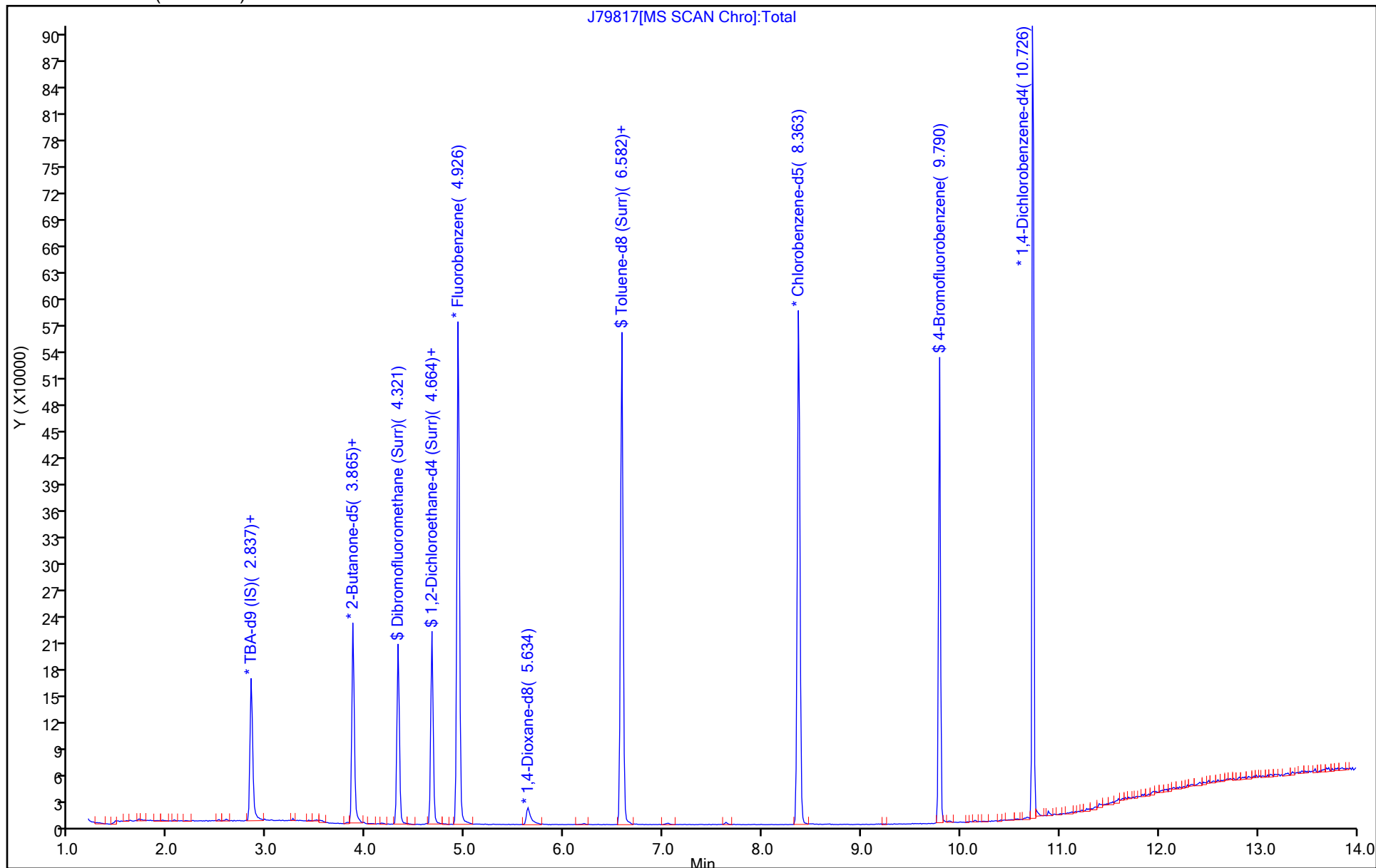
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79817.D
 Lims ID: 460-264728-B-8
 Client ID: EB01-083122
 Sample Type: Client
 Inject. Date: 08-Sep-2022 22:46:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-8
 Misc. Info.: 460-0150151-011
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 05:59:40 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1660

First Level Reviewer: C1JX

Date: 08-Sep-2022 23:03:43

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.8	107.62
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.3	96.51
\$ 83 Toluene-d8 (Surr)	50.0	47.8	95.50
\$ 105 4-Bromofluorobenzene	50.0	51.5	103.07

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79817.D

Injection Date: 08-Sep-2022 22:46:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-8

Lab Sample ID: 460-264728-8

Client ID: EB01-083122

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

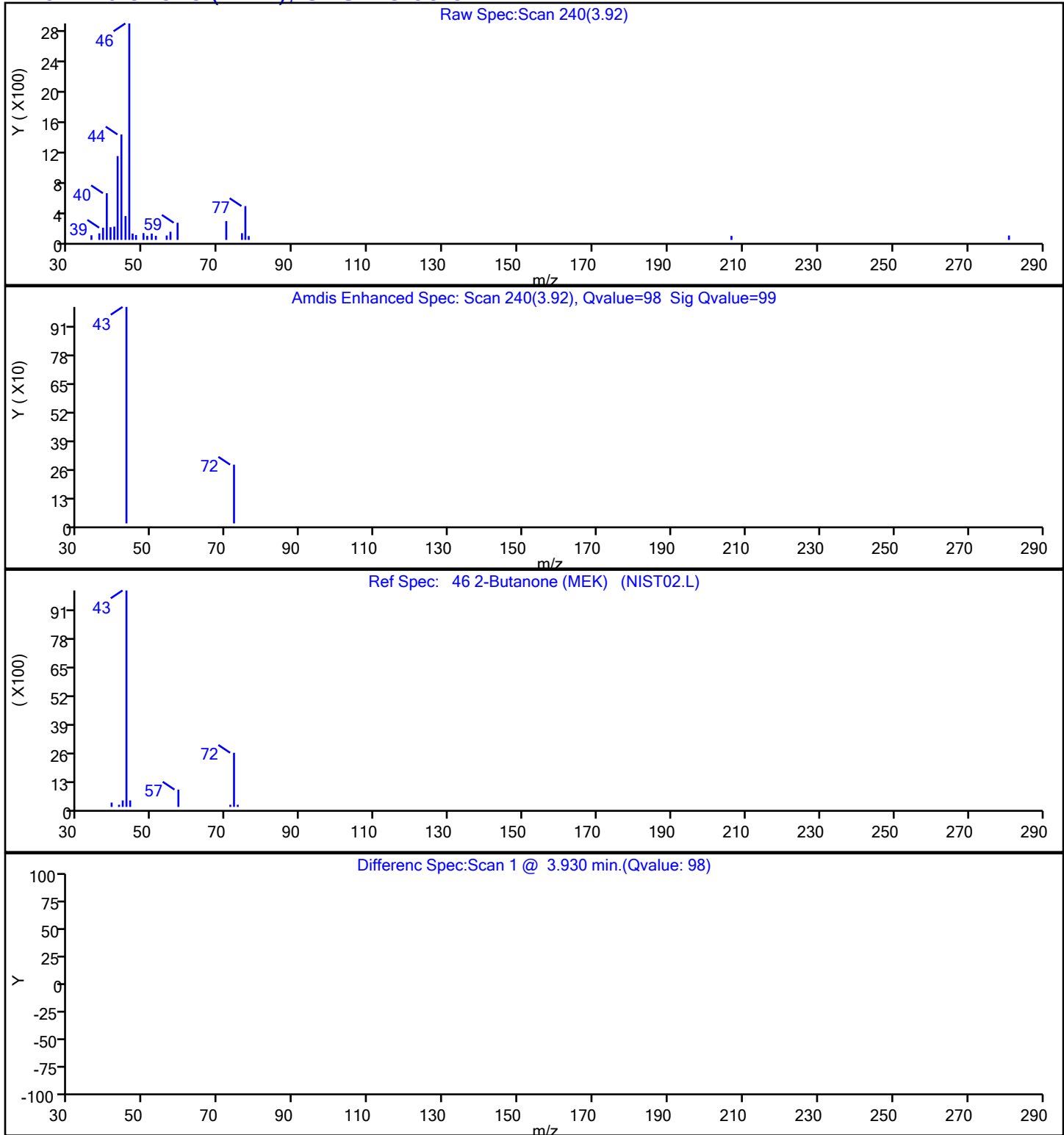
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 2-Butanone (MEK). CAS: 78-93-3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW8A-083122</u>	Lab Sample ID: <u>460-264728-9</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79825.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 10:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 02:08</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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)	2.8	J	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	5.4		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	0.62	J	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	4.5		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	0.22	U	1.0	0.22
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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW8A-083122 Lab Sample ID: 460-264728-9
Matrix: Water Lab File ID: J79825.D
Analysis Method: 8260D Date Collected: 08/31/2022 10:05
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 02:08
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79825.D
 Lims ID: 460-264728-B-9
 Client ID: FSMW8A-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 02:08:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-9
 Misc. Info.: 460-0150151-019
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:56:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.508	2.510	-0.002	83	4083	5.39	
24 Carbon disulfide	76	2.588	2.589	-0.001	95	1858	0.2575	
* 30 TBA-d9 (IS)	65	2.839	2.841	-0.002	75	213389	1000.0	
* 43 2-Butanone-d5	46	3.867	3.868	-0.001	86	316074	250.0	
44 cis-1,2-Dichloroethene	96	3.889	3.902	-0.013	92	1344	0.6164	
46 2-Butanone (MEK)	72	3.924	3.925	-0.001	73	646	2.81	
\$ 55 Dibromofluoromethane (Surr)	113	4.323	4.325	-0.002	96	110721	54.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.666	4.667	-0.001	0	138111	52.1	
* 66 Fluorobenzene	96	4.928	4.930	-0.002	98	455275	50.0	
* 72 1,4-Dioxane-d8	96	5.625	5.638	-0.013	0	22436	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.584	6.585	-0.001	98	360269	48.5	
88 Tetrachloroethene	166	7.257	7.270	-0.013	95	8623	4.50	
* 94 Chlorobenzene-d5	117	8.365	8.366	-0.001	88	340652	50.0	
\$ 105 4-Bromofluorobenzene	174	9.792	9.793	-0.001	96	122099	52.6	
* 121 1,4-Dichlorobenzene-d4	152	10.728	10.730	-0.002	96	198294	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79825.D

Injection Date: 09-Sep-2022 02:08:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-9

Lab Sample ID: 460-264728-9

Worklist Smp#: 19

Client ID: FSMW8A-083122

Purge Vol: 5.000 mL

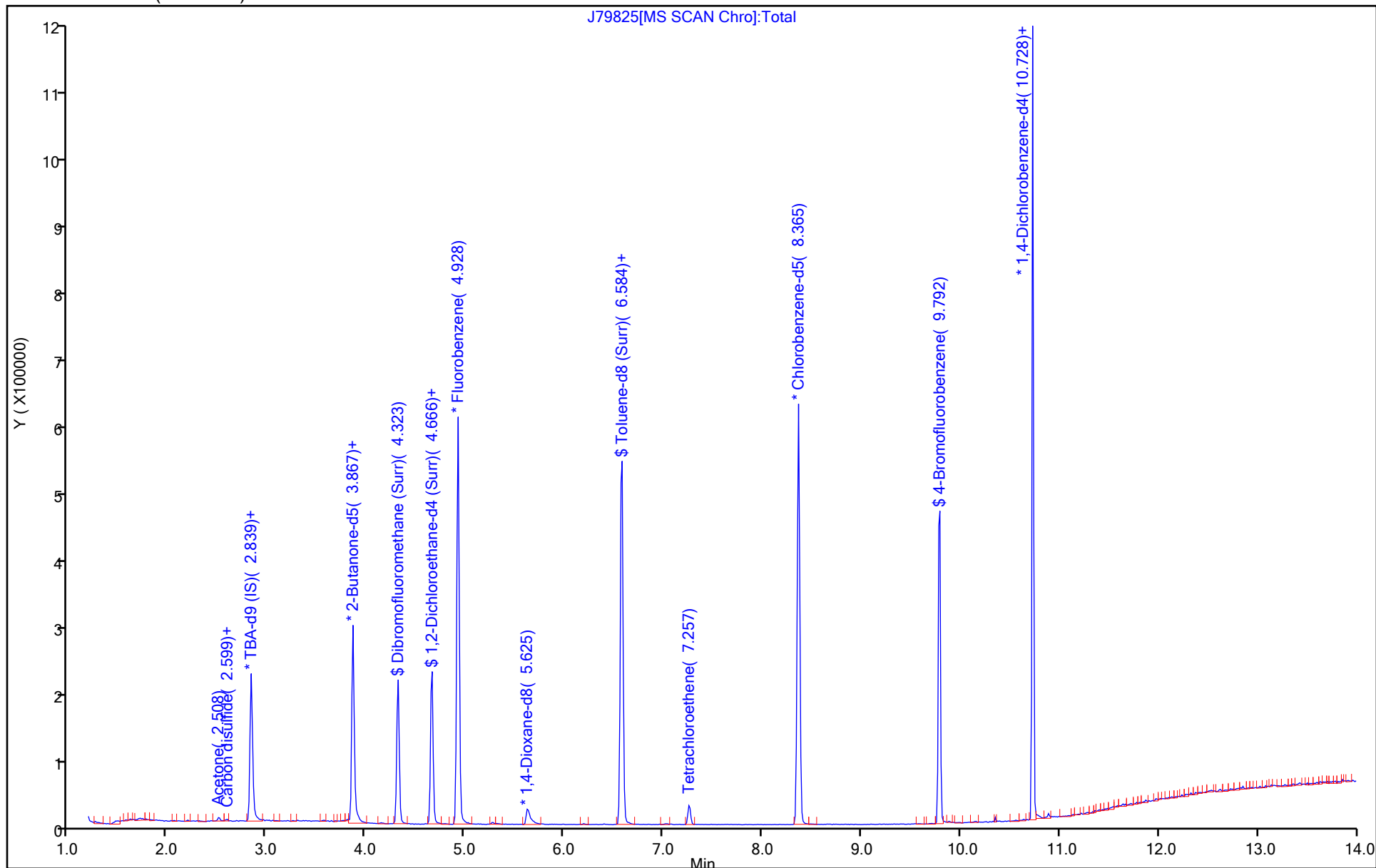
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79825.D
 Lims ID: 460-264728-B-9
 Client ID: FSMW8A-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 02:08:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-9
 Misc. Info.: 460-0150151-019
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:56:51

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.5	109.09
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	52.1	104.12
\$ 83 Toluene-d8 (Surr)	50.0	48.5	96.97
\$ 105 4-Bromofluorobenzene	50.0	52.6	105.18

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79825.D

Injection Date: 09-Sep-2022 02:08:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-9

Lab Sample ID: 460-264728-9

Client ID: FSMW8A-083122

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

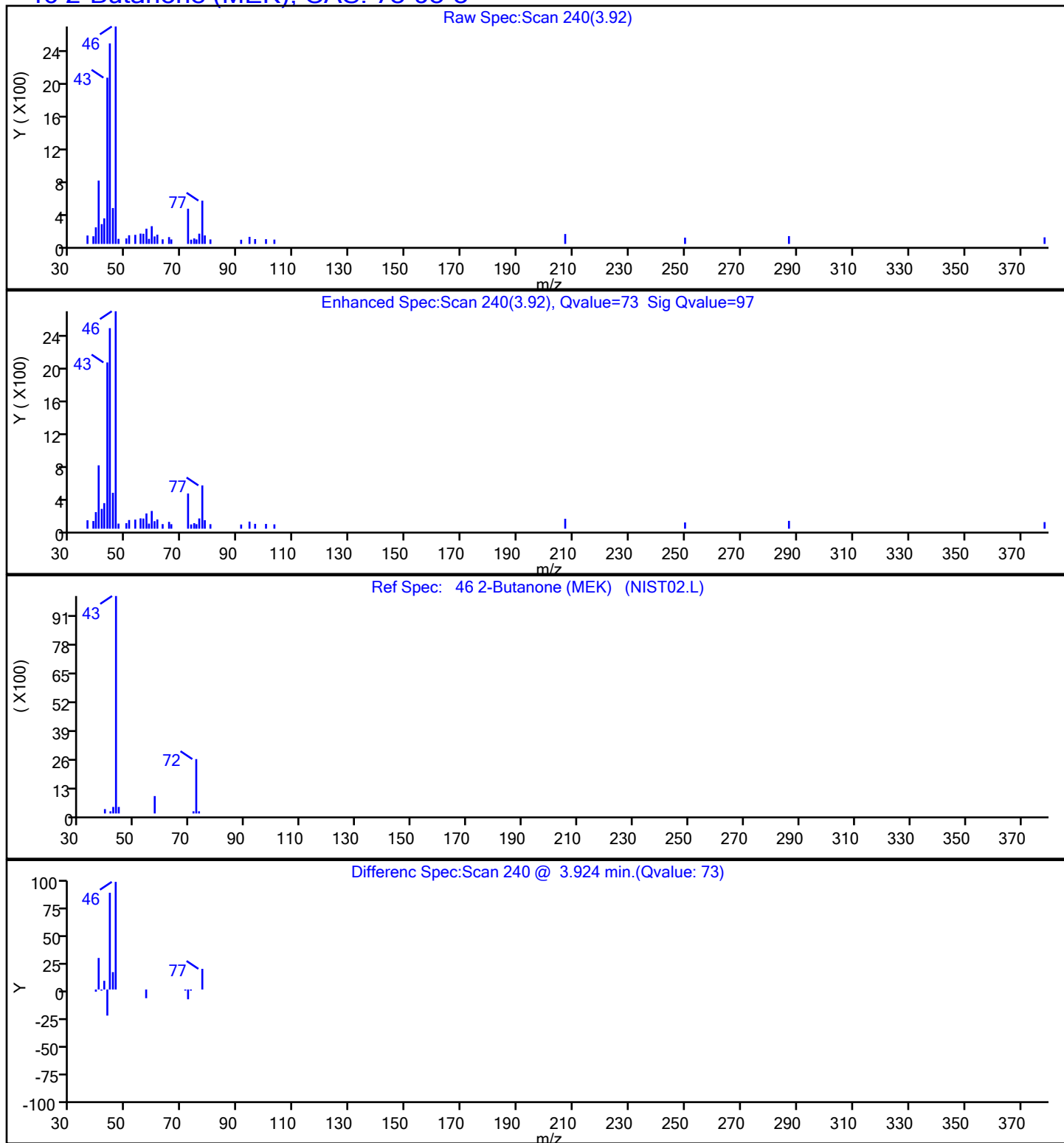
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 2-Butanone (MEK). CAS: 78-93-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79825.D

Injection Date: 09-Sep-2022 02:08:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-9

Lab Sample ID: 460-264728-9

Client ID: FSMW8A-083122

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

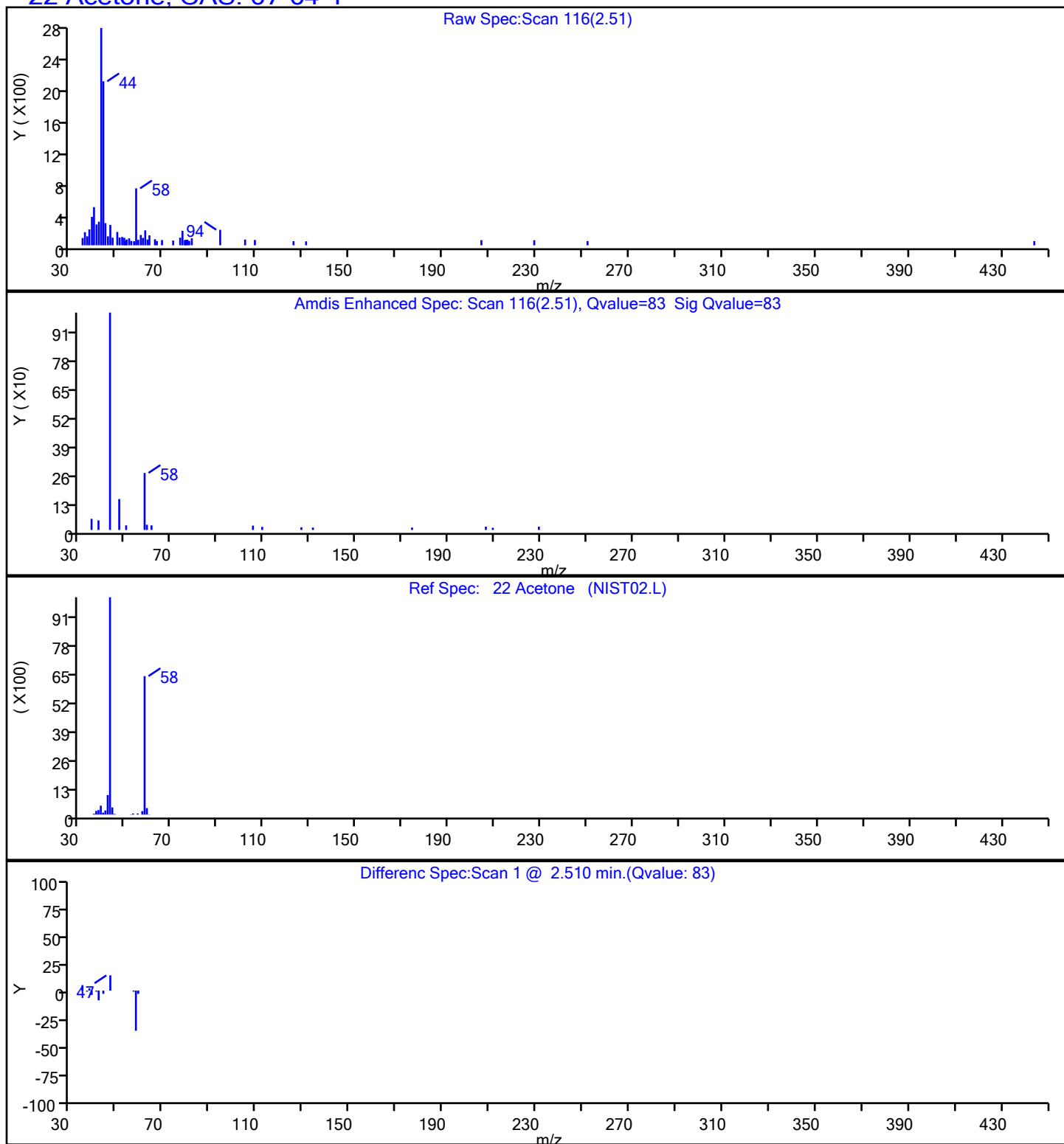
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79825.D

Injection Date: 09-Sep-2022 02:08:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-9

Lab Sample ID: 460-264728-9

Client ID: FSMW8A-083122

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

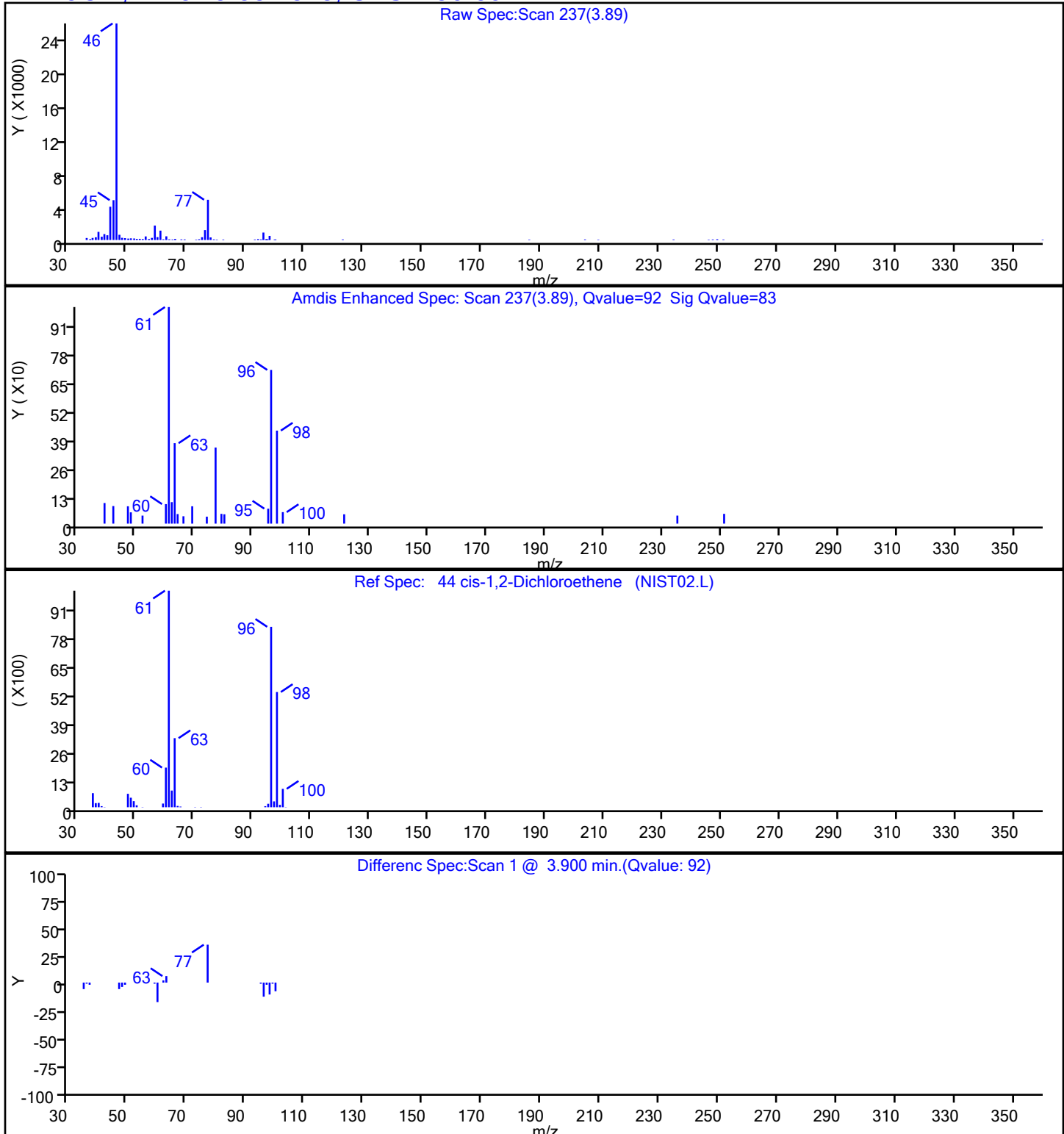
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79825.D

Injection Date: 09-Sep-2022 02:08:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-9

Lab Sample ID: 460-264728-9

Client ID: FSMW8A-083122

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

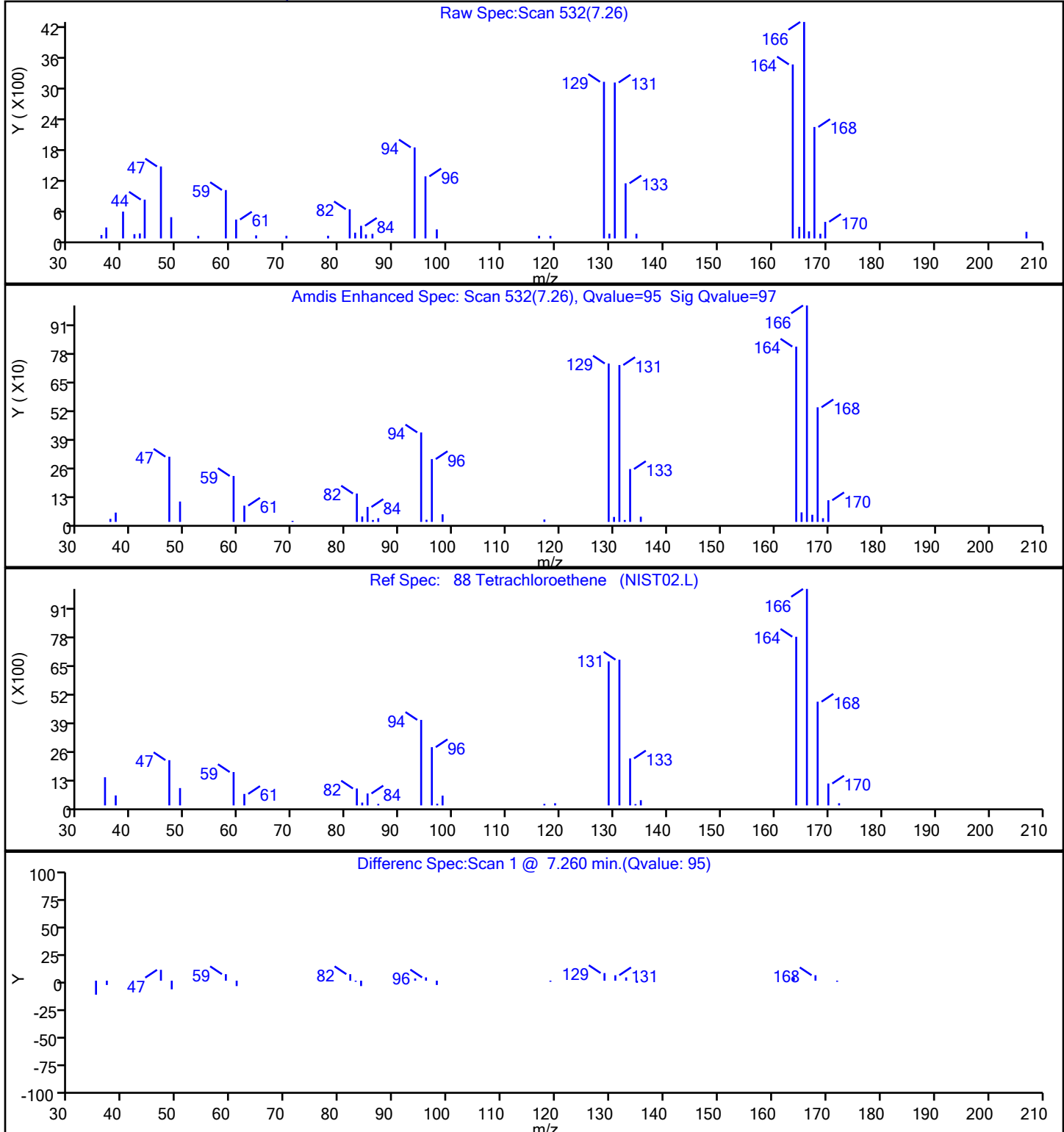
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79825.D

Injection Date: 09-Sep-2022 02:08:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-9

Lab Sample ID: 460-264728-9

Client ID: FSMW8A-083122

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

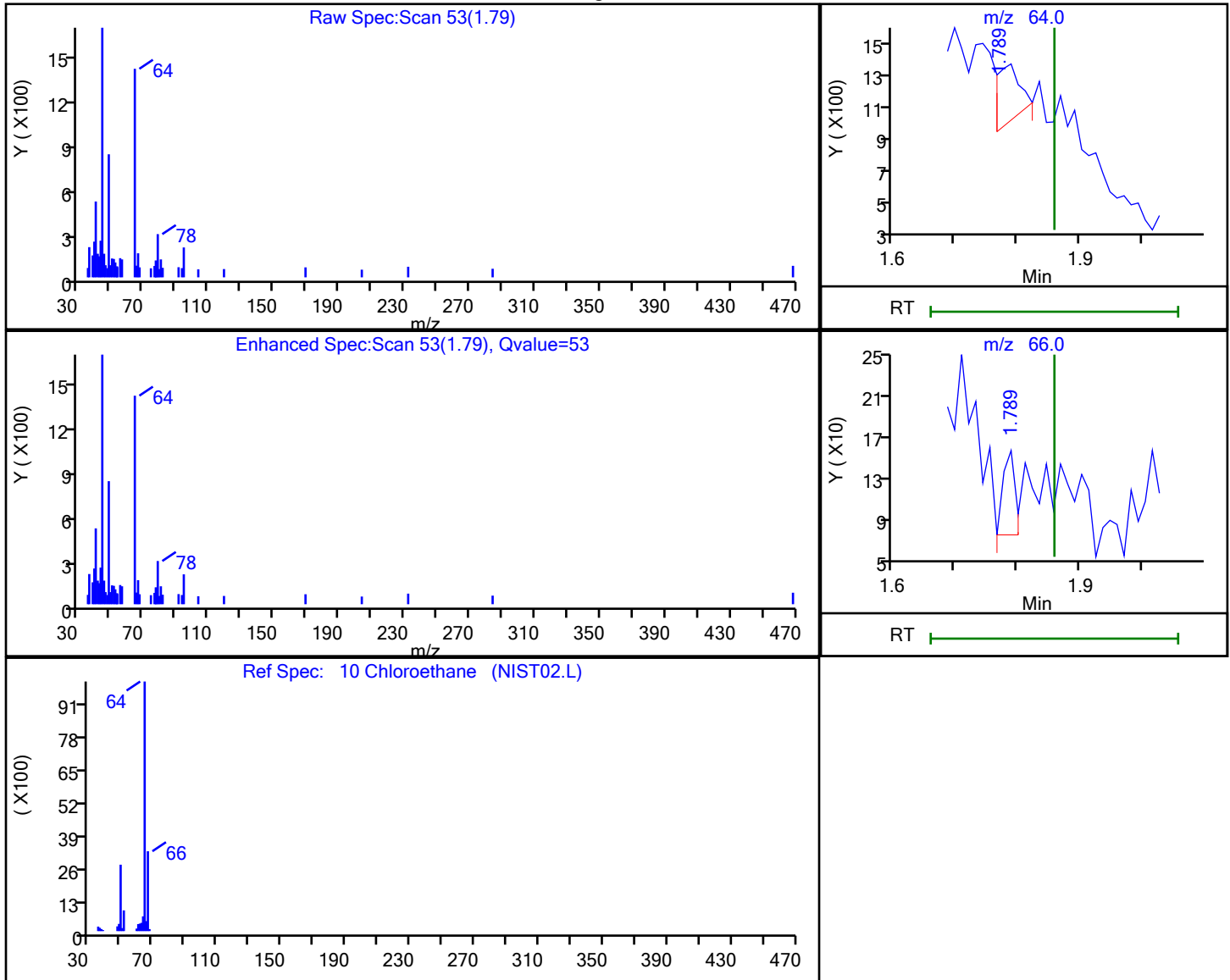
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.79	64.00	904	0.594554
1.79	66.00	111	

Reviewer: KG2Q, 09-Sep-2022 05:56:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW6B-083122</u>	Lab Sample ID: <u>460-264728-10</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79826.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 10:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 02:33</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	1.2		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	4.1		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	1.2		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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW6B-083122 Lab Sample ID: 460-264728-10
Matrix: Water Lab File ID: J79826.D
Analysis Method: 8260D Date Collected: 08/31/2022 10:35
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 02:33
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79826.D
 Lims ID: 460-264728-B-10
 Client ID: FSMW6B-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 02:33:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-10
 Misc. Info.: 460-0150151-020
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:57:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.837	2.841	-0.004	75	187741	1000.0	
* 43 2-Butanone-d5	46	3.864	3.868	-0.004	86	286677	250.0	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	92	2571	1.19	
\$ 55 Dibromofluoromethane (Surr)	113	4.321	4.325	-0.004	96	107699	53.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	130926	49.8	
* 66 Fluorobenzene	96	4.926	4.930	-0.004	98	451233	50.0	
68 Trichloroethene	95	5.280	5.272	0.008	95	2640	1.24	
* 72 1,4-Dioxane-d8	96	5.634	5.638	-0.004	0	20782	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	99	352299	47.2	
88 Tetrachloroethene	166	7.267	7.270	-0.003	96	7816	4.06	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	88	342144	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	95	119302	51.2	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.730	-0.004	97	196023	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79826.D

Injection Date: 09-Sep-2022 02:33:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-10

Lab Sample ID: 460-264728-10

Worklist Smp#: 20

Client ID: FSMW6B-083122

Purge Vol: 5.000 mL

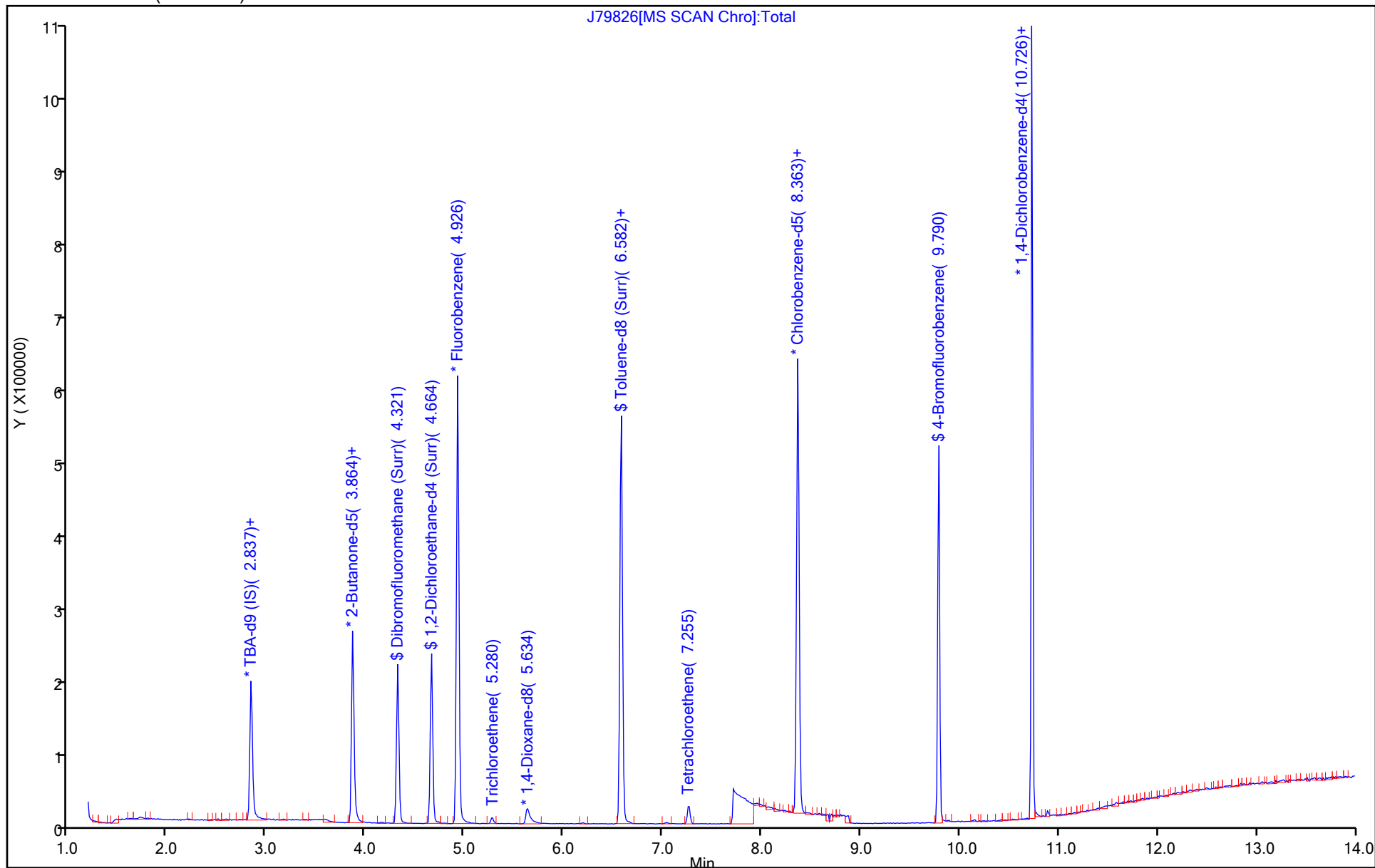
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79826.D
 Lims ID: 460-264728-B-10
 Client ID: FSMW6B-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 02:33:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-10
 Misc. Info.: 460-0150151-020
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:57:16

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.5	107.06
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.8	99.59
\$ 83 Toluene-d8 (Surr)	50.0	47.2	94.41
\$ 105 4-Bromofluorobenzene	50.0	51.2	102.33

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79826.D

Injection Date: 09-Sep-2022 02:33:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-10

Lab Sample ID: 460-264728-10

Client ID: FSMW6B-083122

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

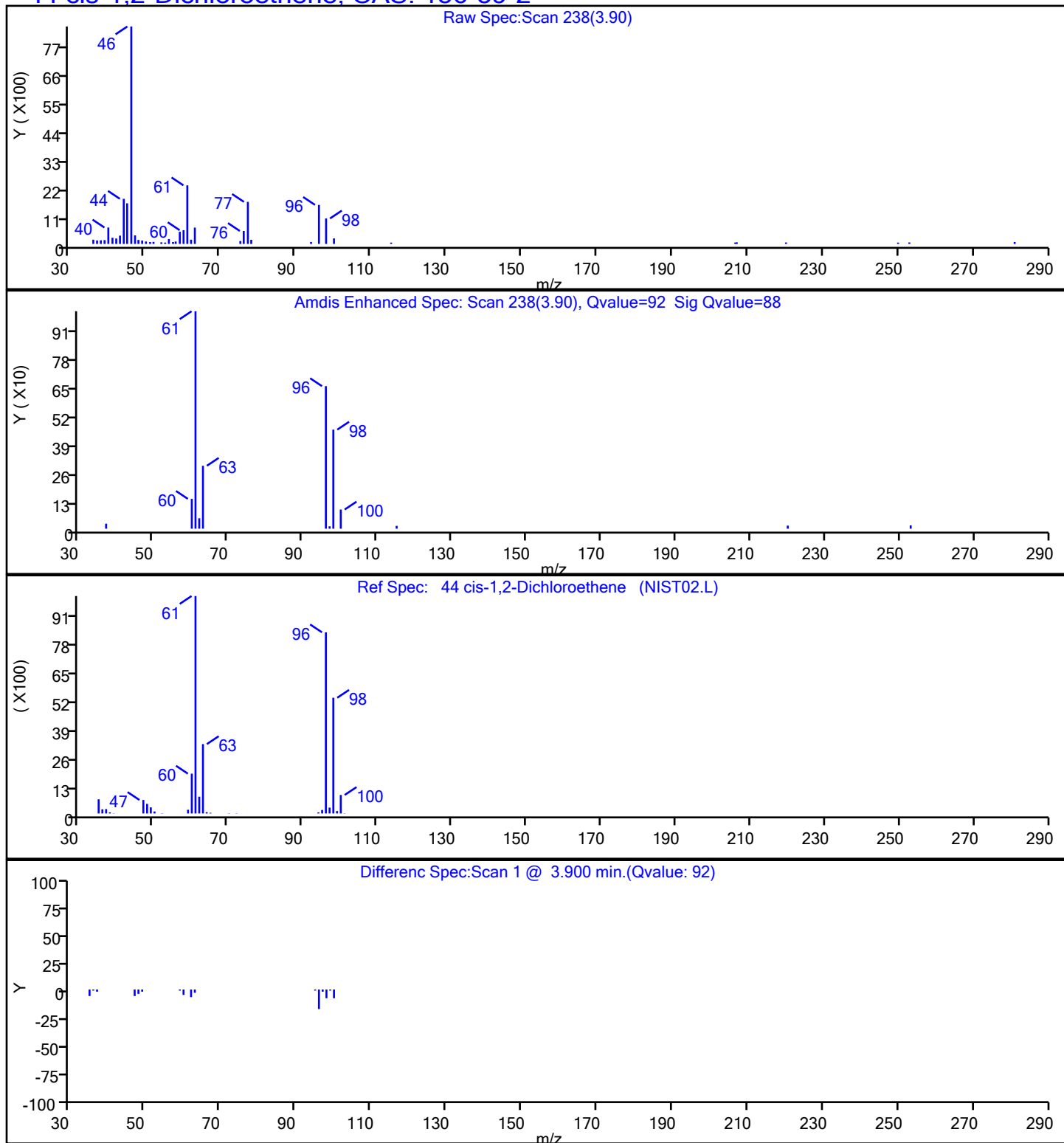
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79826.D

Injection Date: 09-Sep-2022 02:33:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-10

Lab Sample ID: 460-264728-10

Client ID: FSMW6B-083122

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

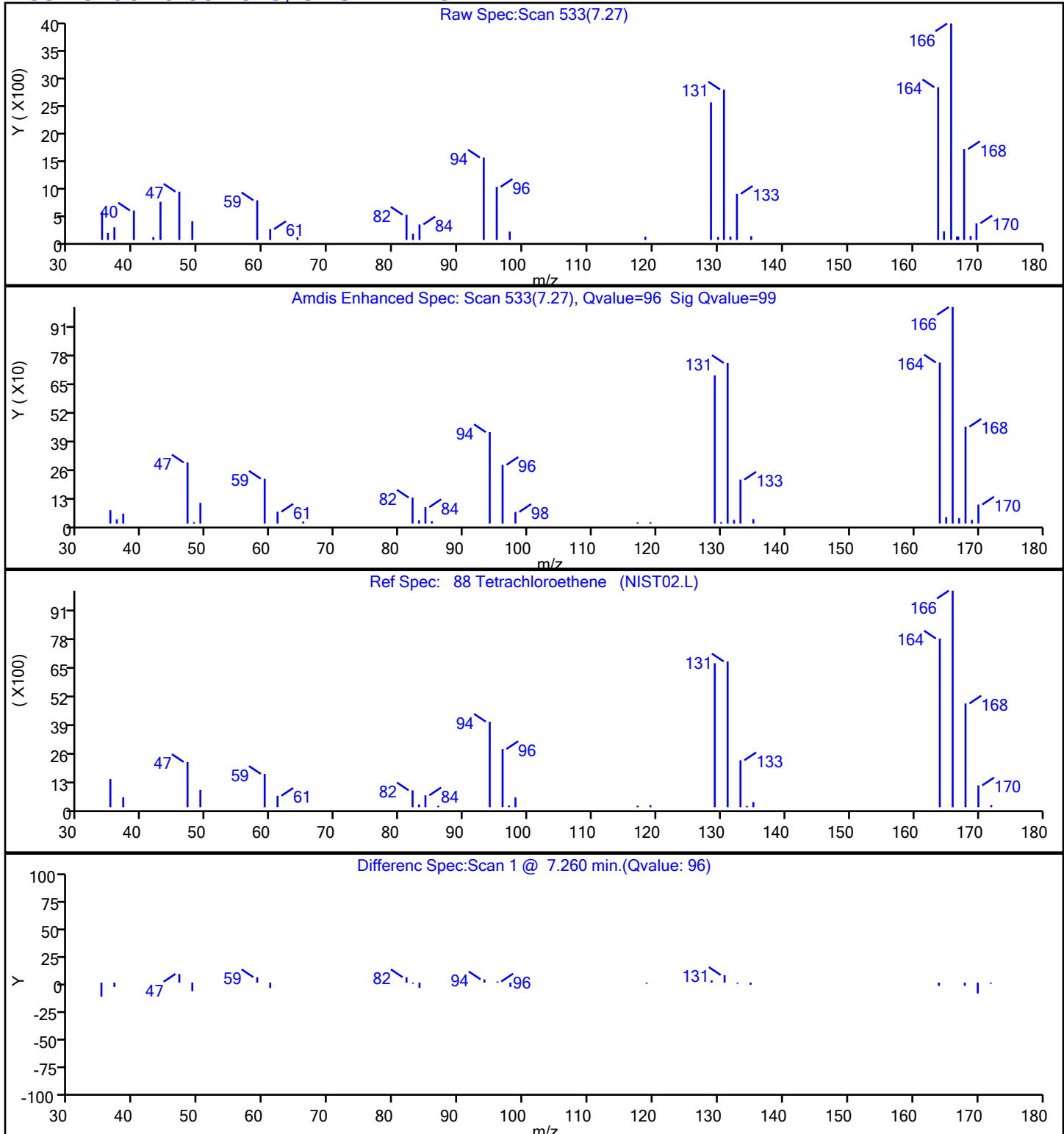
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79826.D

Injection Date: 09-Sep-2022 02:33:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-10

Lab Sample ID: 460-264728-10

Client ID: FSMW6B-083122

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

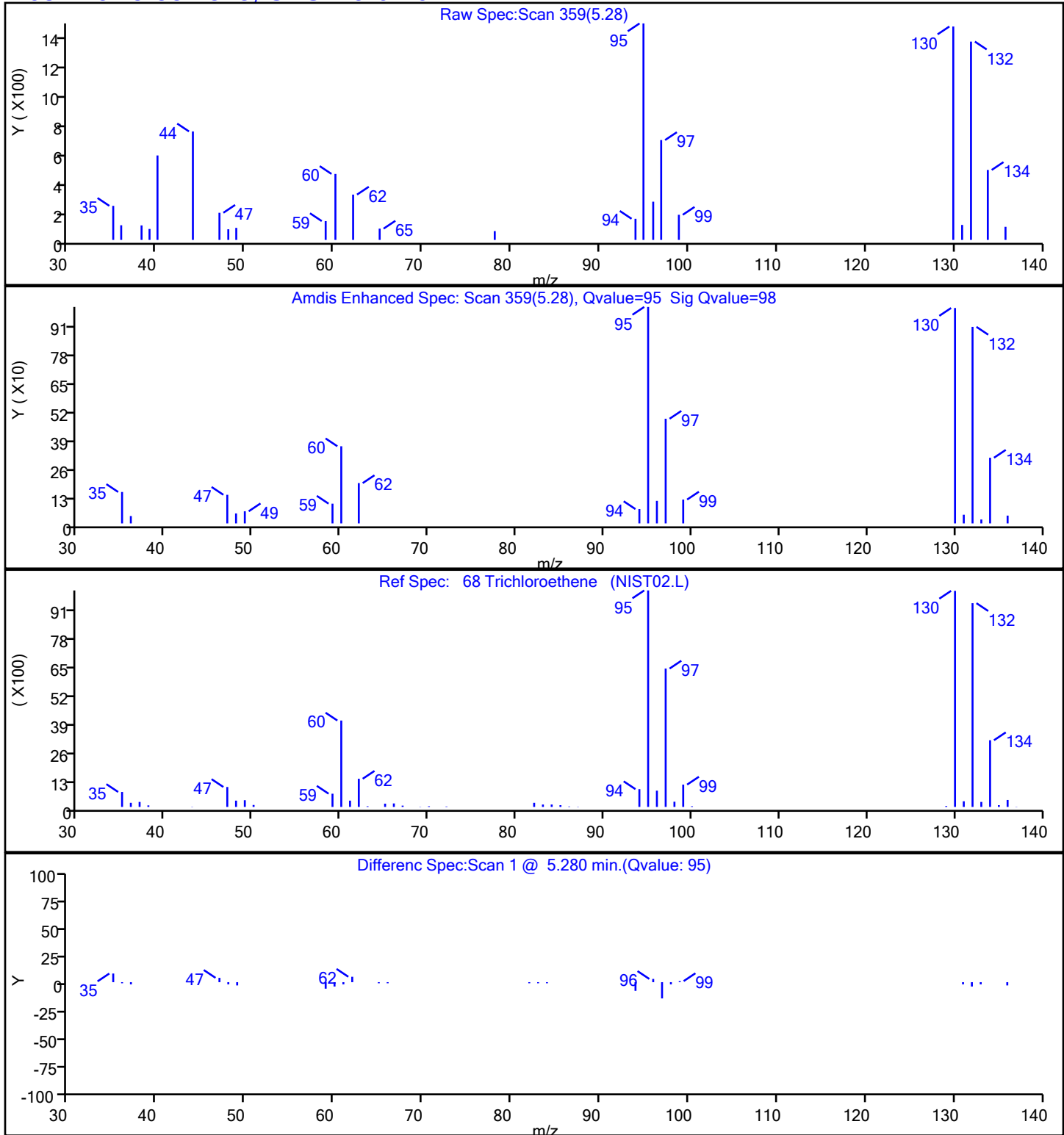
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

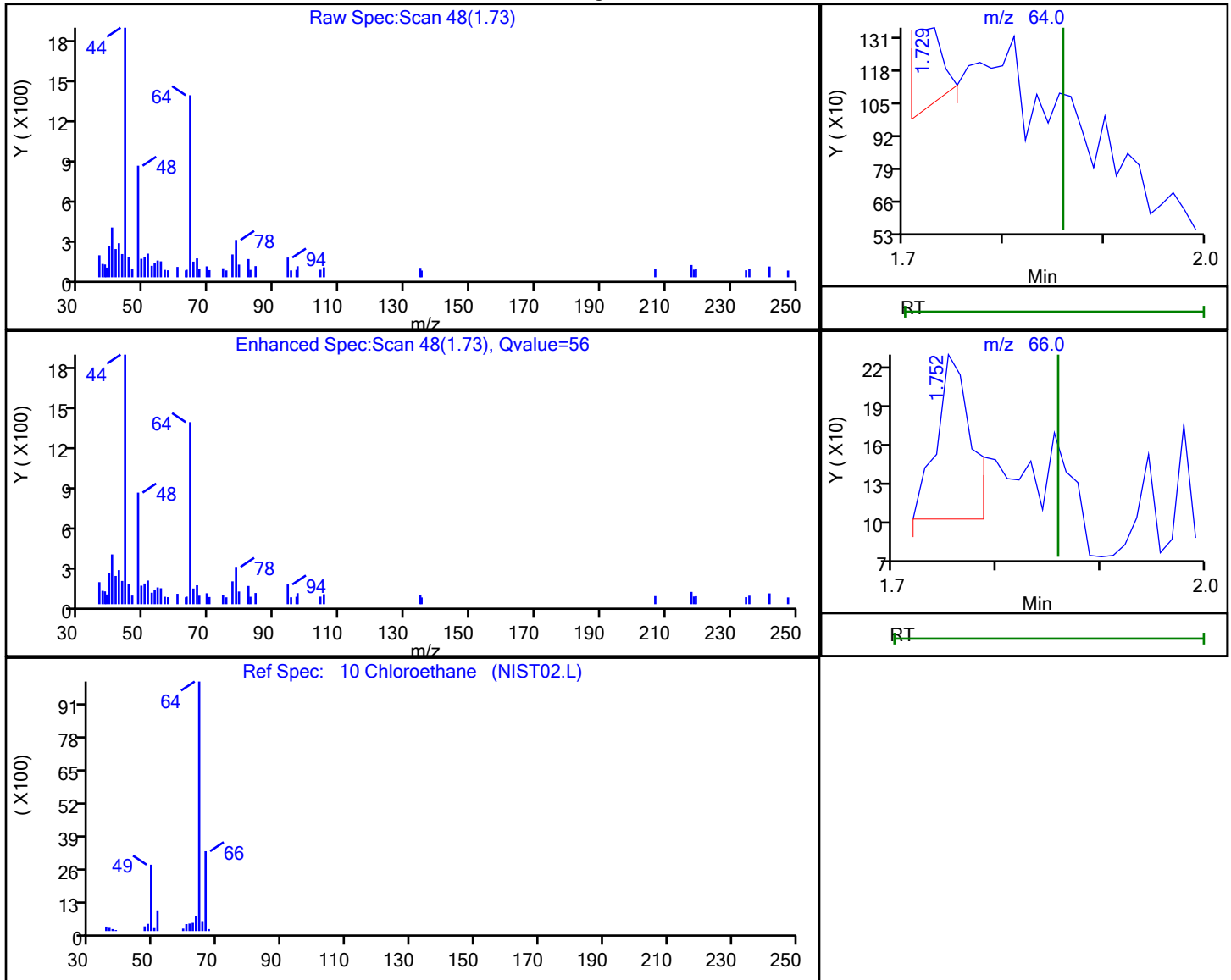
68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79826.D
Injection Date: 09-Sep-2022 02:33:30 Instrument ID: CVOAMS8
Lims ID: 460-264728-B-10 Lab Sample ID: 460-264728-10
Client ID: FSMW6B-083122
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.73	64.00	677	0.449246
1.75	66.00	283	

Reviewer: KG2Q, 09-Sep-2022 05:57:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW9A-083122</u>	Lab Sample ID: <u>460-264728-11</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79827.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 12:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 02:58</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	6.1		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	4.9		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	1.4		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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW9A-083122 Lab Sample ID: 460-264728-11
Matrix: Water Lab File ID: J79827.D
Analysis Method: 8260D Date Collected: 08/31/2022 12:40
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 02:58
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79827.D
 Lims ID: 460-264728-B-11
 Client ID: FSMW9A-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 02:58:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-11
 Misc. Info.: 460-0150151-021
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:57:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.837	2.841	-0.004	75	195978	1000.0	
* 43 2-Butanone-d5	46	3.865	3.868	-0.003	86	289797	250.0	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	93	13344	6.12	
\$ 55 Dibromofluoromethane (Surr)	113	4.322	4.325	-0.003	96	110452	54.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	134961	50.9	
* 66 Fluorobenzene	96	4.927	4.930	-0.003	98	455189	50.0	
68 Trichloroethene	95	5.269	5.272	-0.003	95	3045	1.42	
* 72 1,4-Dioxane-d8	96	5.635	5.638	-0.003	0	20321	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	99	349909	47.0	
88 Tetrachloroethene	166	7.256	7.270	-0.014	96	9331	4.86	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	88	341368	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	96	116263	50.0	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.730	-0.004	97	195648	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79827.D

Injection Date: 09-Sep-2022 02:58:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-11

Lab Sample ID: 460-264728-11

Worklist Smp#: 21

Client ID: FSMW9A-083122

Purge Vol: 5.000 mL

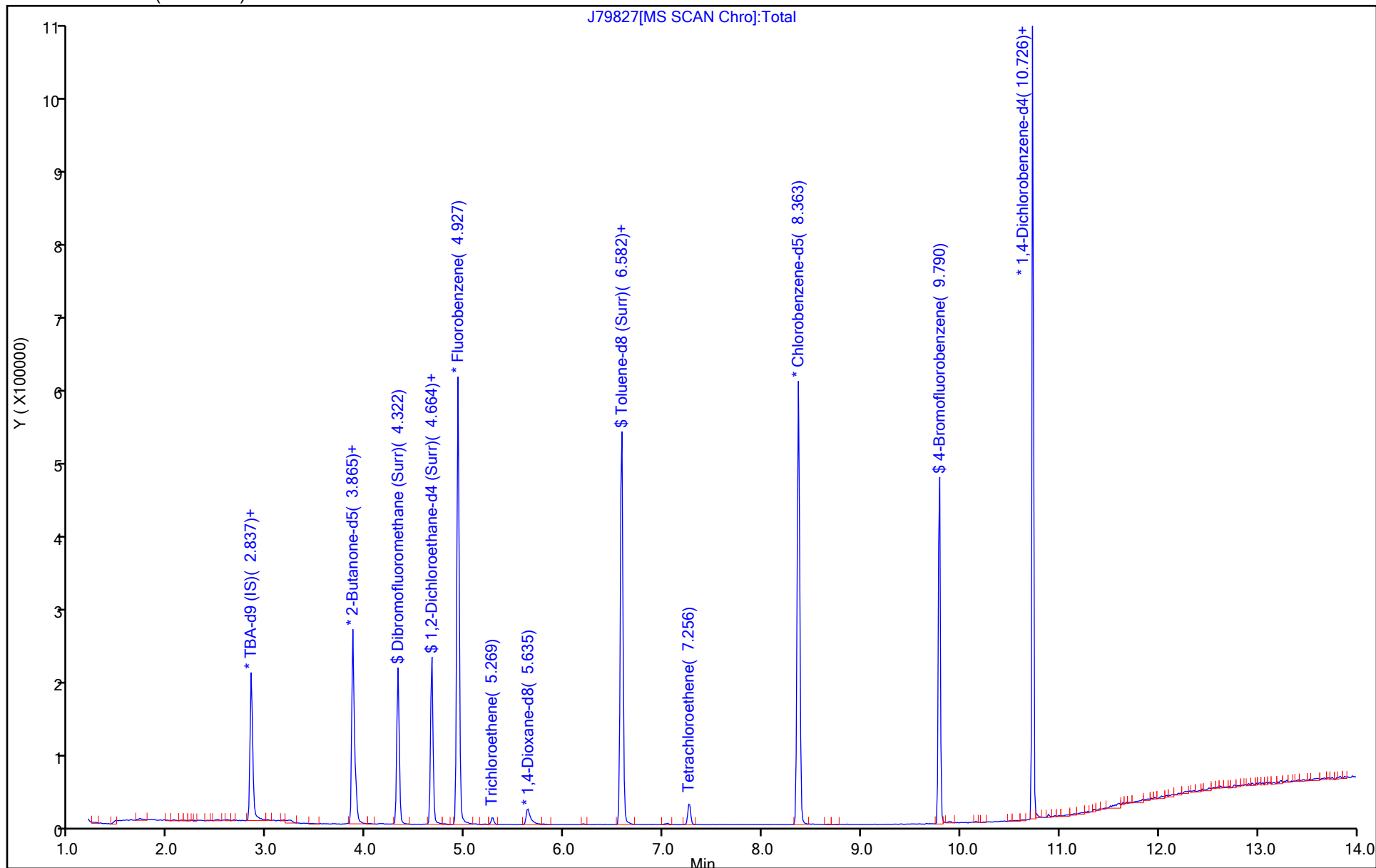
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79827.D
Lims ID: 460-264728-B-11
Client ID: FSMW9A-083122
Sample Type: Client
Inject. Date: 09-Sep-2022 02:58:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-264728-B-11
Misc. Info.: 460-0150151-021
Operator ID: Instrument ID: CVOAMS8
Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:57:34

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.4	108.85
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.9	101.77
\$ 83 Toluene-d8 (Surr)	50.0	47.0	93.99
\$ 105 4-Bromofluorobenzene	50.0	50.0	99.95

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79827.D

Injection Date: 09-Sep-2022 02:58:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-11

Lab Sample ID: 460-264728-11

Client ID: FSMW9A-083122

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

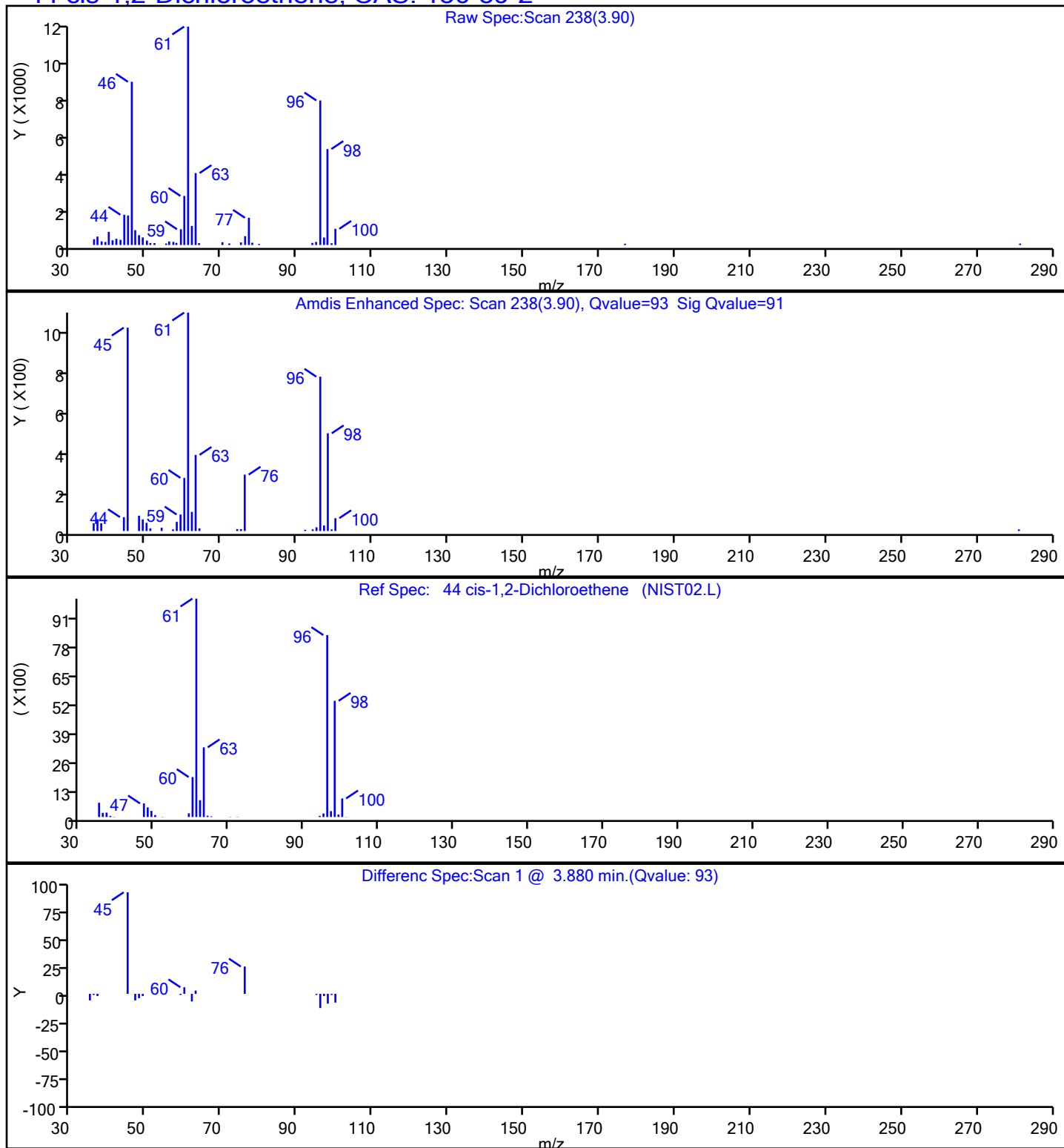
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79827.D

Injection Date: 09-Sep-2022 02:58:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-11

Lab Sample ID: 460-264728-11

Client ID: FSMW9A-083122

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

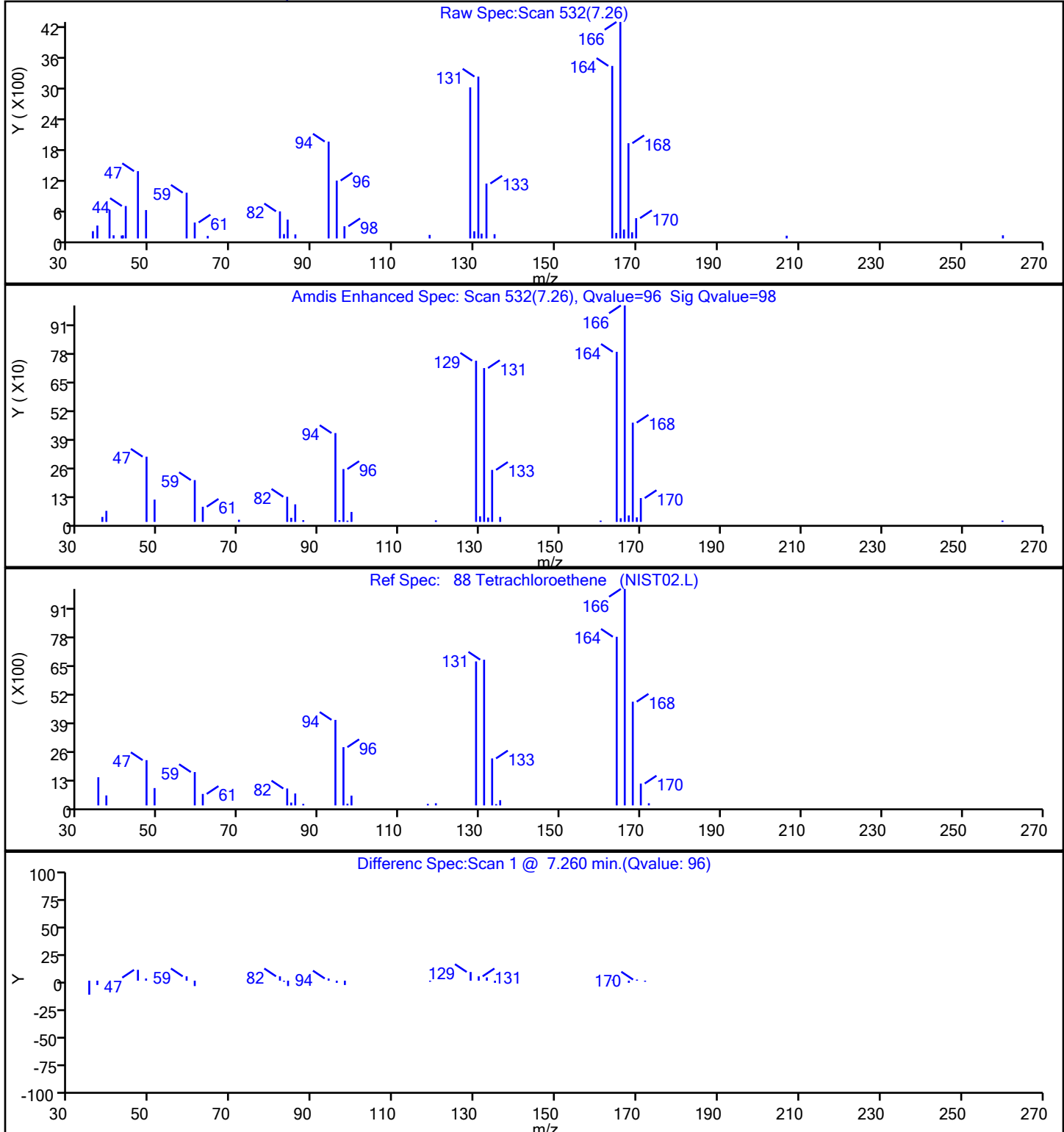
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79827.D

Injection Date: 09-Sep-2022 02:58:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-11

Lab Sample ID: 460-264728-11

Client ID: FSMW9A-083122

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

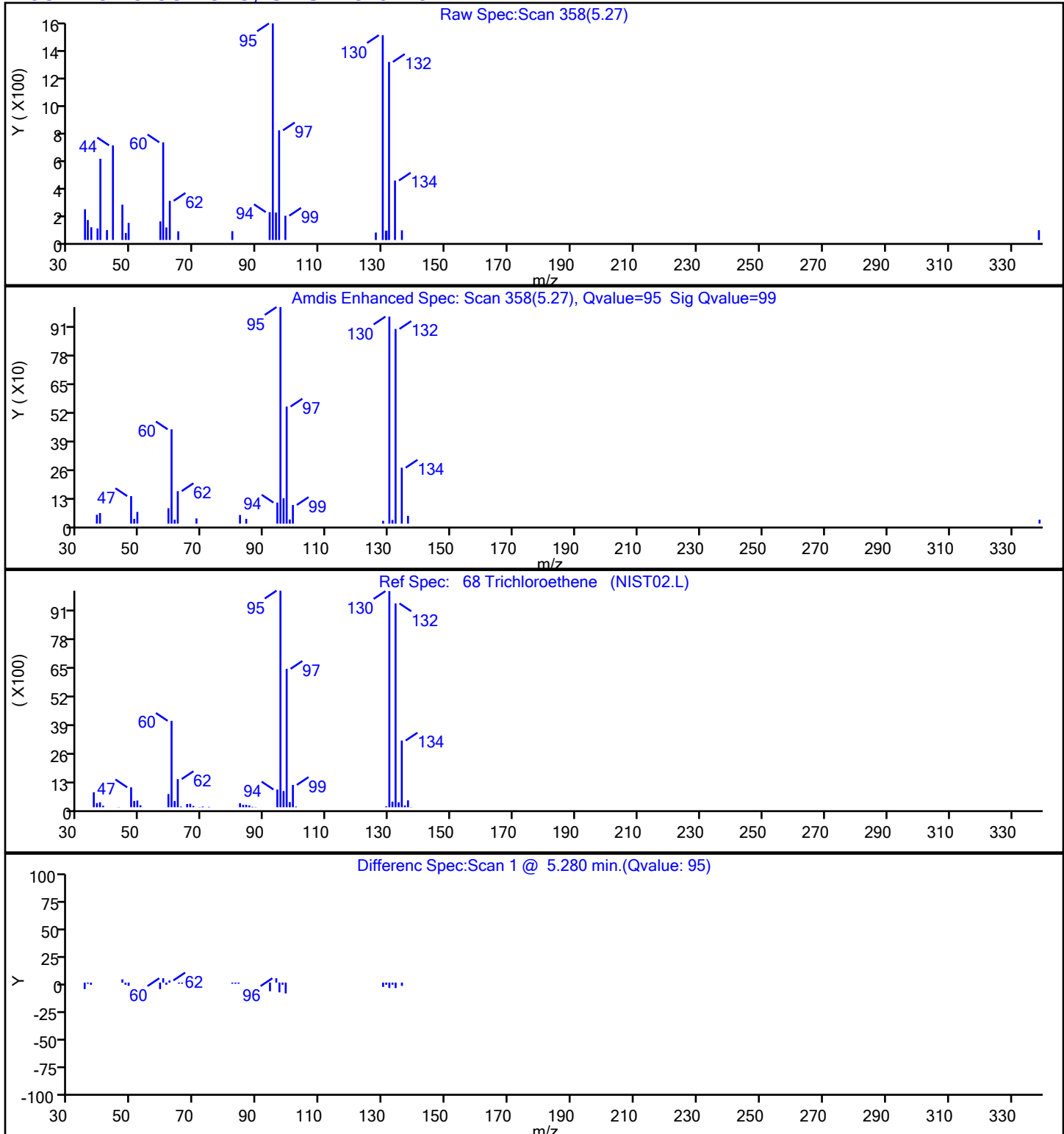
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79827.D

Injection Date: 09-Sep-2022 02:58:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-11

Lab Sample ID: 460-264728-11

Client ID: FSMW9A-083122

Operator ID:

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

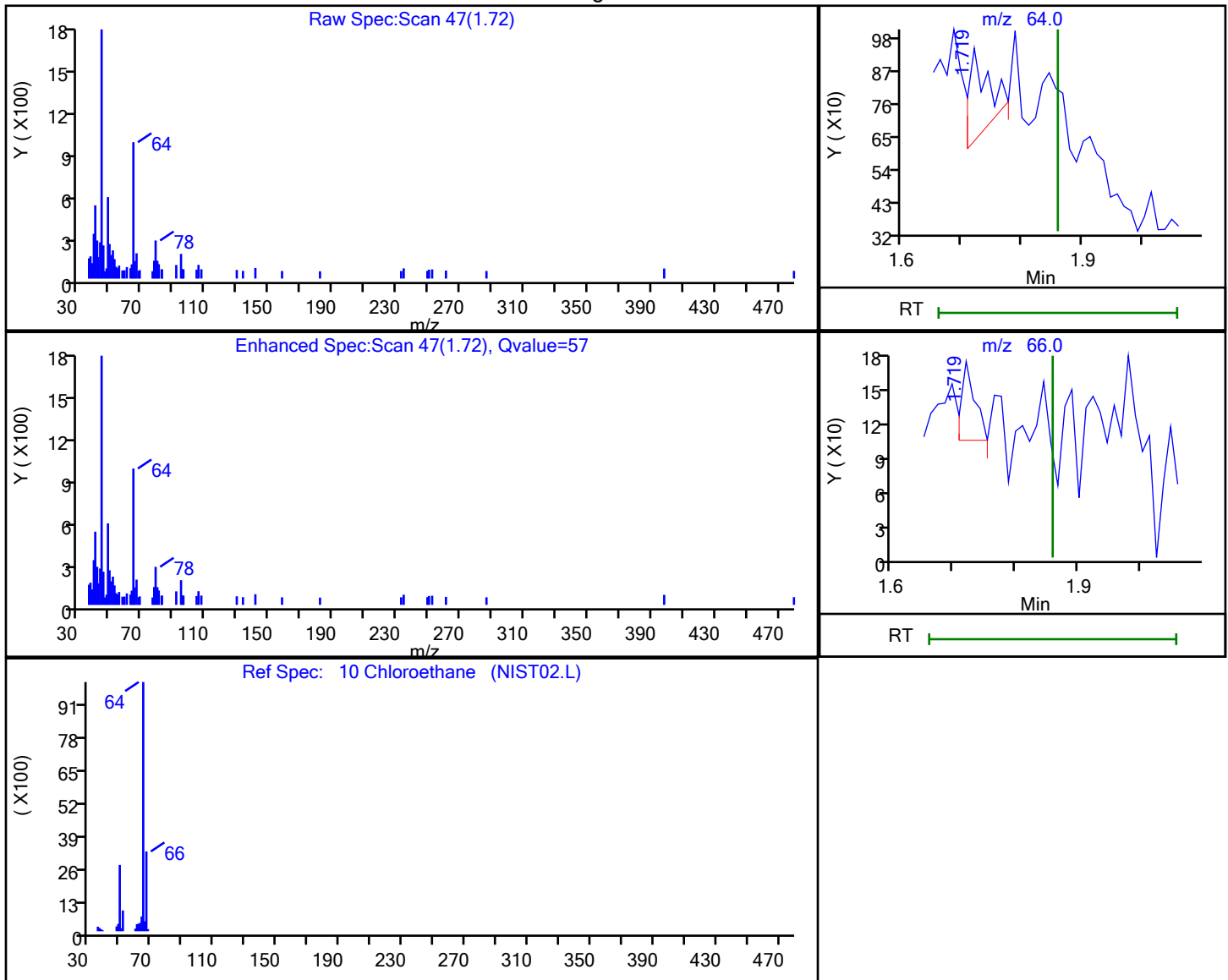
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.72	64.00	643	0.422976
1.72	66.00	107	

Reviewer: KG2Q, 09-Sep-2022 05:57:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>TRIP BLANK</u>	Lab Sample ID: <u>460-264728-12</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79816.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 14:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/08/2022 22:21</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.40	U	1.0	0.40
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	4.4	U	5.0	4.4
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
591-78-6	2-Hexanone	1.1	U	5.0	1.1
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-88-3	Toluene	0.38	U	1.0	0.38
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: TRIP BLANK Lab Sample ID: 460-264728-12
Matrix: Water Lab File ID: J79816.D
Analysis Method: 8260D Date Collected: 08/31/2022 14:25
Sample wt/vol: 5 (mL) Date Analyzed: 09/08/2022 22:21
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
2037-26-5	Toluene-d8 (Surr)	93		80-120
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79816.D
 Lims ID: 460-264728-B-12
 Client ID: TRIP BLANK
 Sample Type: Client
 Inject. Date: 08-Sep-2022 22:21:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-12
 Misc. Info.: 460-0150151-010
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 05:59:40 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1660

First Level Reviewer: C1JX

Date: 08-Sep-2022 22:41:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.837	2.841	-0.004	75	177631	1000.0	
* 43 2-Butanone-d5	46	3.864	3.868	-0.004	86	273076	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.321	4.325	-0.004	96	110927	53.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	134337	49.3	
* 66 Fluorobenzene	96	4.926	4.930	-0.004	98	467619	50.0	
* 72 1,4-Dioxane-d8	96	5.634	5.638	-0.004	0	20954	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	98	366816	46.7	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	88	360044	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	93	125712	51.2	
* 121 1,4-Dichlorobenzene-d4	152	10.737	10.730	0.007	96	204179	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79816.D

Injection Date: 08-Sep-2022 22:21:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-12

Lab Sample ID: 460-264728-12

Worklist Smp#: 10

Client ID: TRIP BLANK

Purge Vol: 5.000 mL

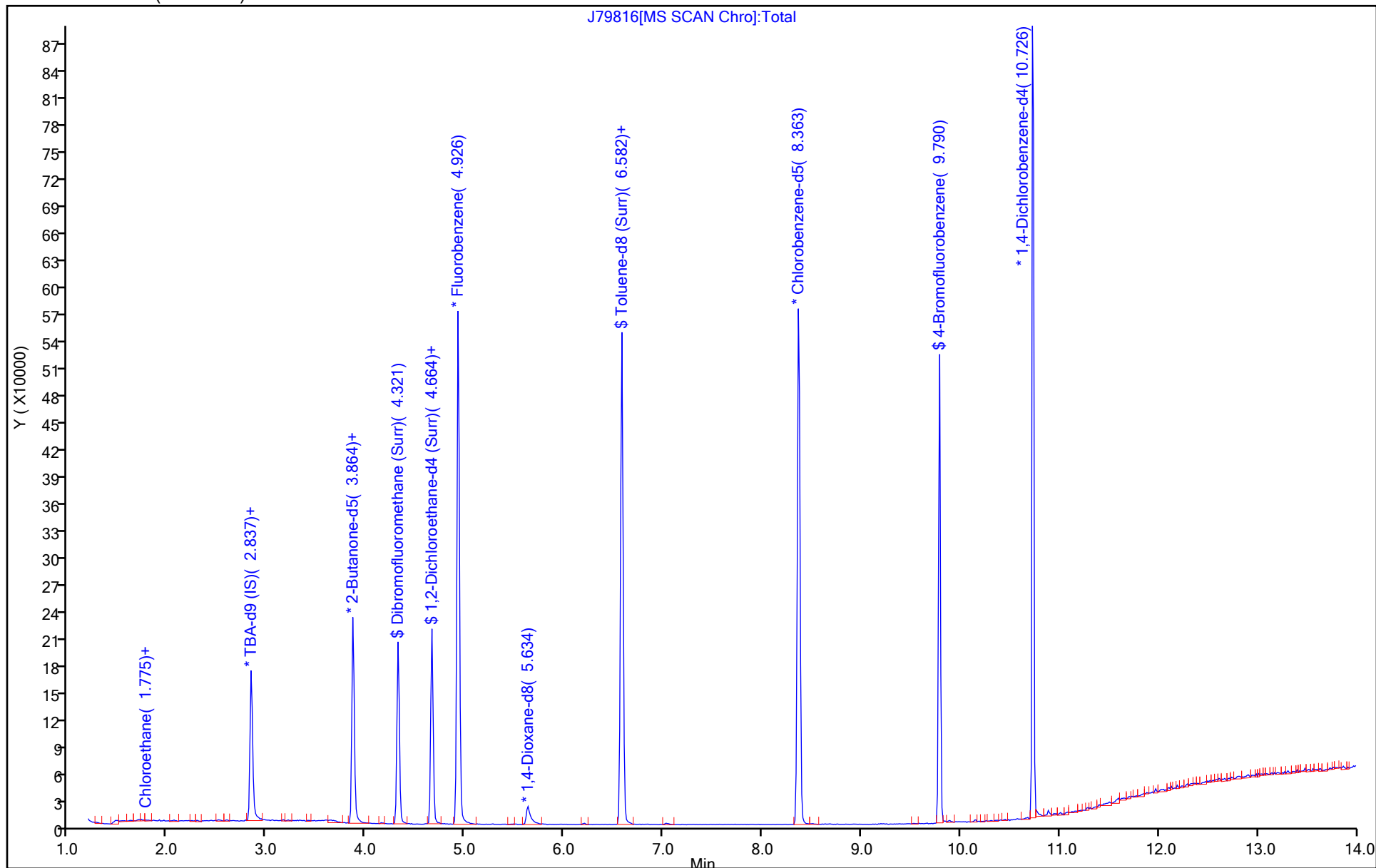
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79816.D
 Lims ID: 460-264728-B-12
 Client ID: TRIP BLANK
 Sample Type: Client
 Inject. Date: 08-Sep-2022 22:21:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-12
 Misc. Info.: 460-0150151-010
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 05:59:40 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1660

First Level Reviewer: C1JX

Date: 08-Sep-2022 22:41:23

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.2	106.41
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.3	98.60
\$ 83 Toluene-d8 (Surr)	50.0	46.7	93.42
\$ 105 4-Bromofluorobenzene	50.0	51.2	102.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW4B-083122</u>	Lab Sample ID: <u>460-264728-13</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79828.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 13:06</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 03:23</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	2.0	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	0.22	U	1.0	0.22
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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW4B-083122 Lab Sample ID: 460-264728-13
Matrix: Water Lab File ID: J79828.D
Analysis Method: 8260D Date Collected: 08/31/2022 13:06
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 03:23
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79828.D
 Lims ID: 460-264728-B-13
 Client ID: FSMW4B-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 03:23:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-13
 Misc. Info.: 460-0150151-022
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:57:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.587	2.589	-0.002	34	1388	0.1927	
* 30 TBA-d9 (IS)	65	2.838	2.841	-0.003	75	184855	1000.0	
* 43 2-Butanone-d5	46	3.866	3.868	-0.002	85	275512	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.322	4.325	-0.003	96	110760	54.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.665	4.667	-0.002	0	131773	49.8	
* 66 Fluorobenzene	96	4.927	4.930	-0.003	98	454484	50.0	
* 72 1,4-Dioxane-d8	96	5.635	5.638	-0.003	0	20043	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.583	6.585	-0.002	98	355086	48.3	
88 Tetrachloroethene	166	7.268	7.270	-0.002	94	3864	2.04	
* 94 Chlorobenzene-d5	117	8.364	8.366	-0.002	88	337280	50.0	
\$ 105 4-Bromofluorobenzene	174	9.791	9.793	-0.002	96	116834	50.8	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.730	-0.003	97	193296	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79828.D

Injection Date: 09-Sep-2022 03:23:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-13

Lab Sample ID: 460-264728-13

Worklist Smp#: 22

Client ID: FSMW4B-083122

Purge Vol: 5.000 mL

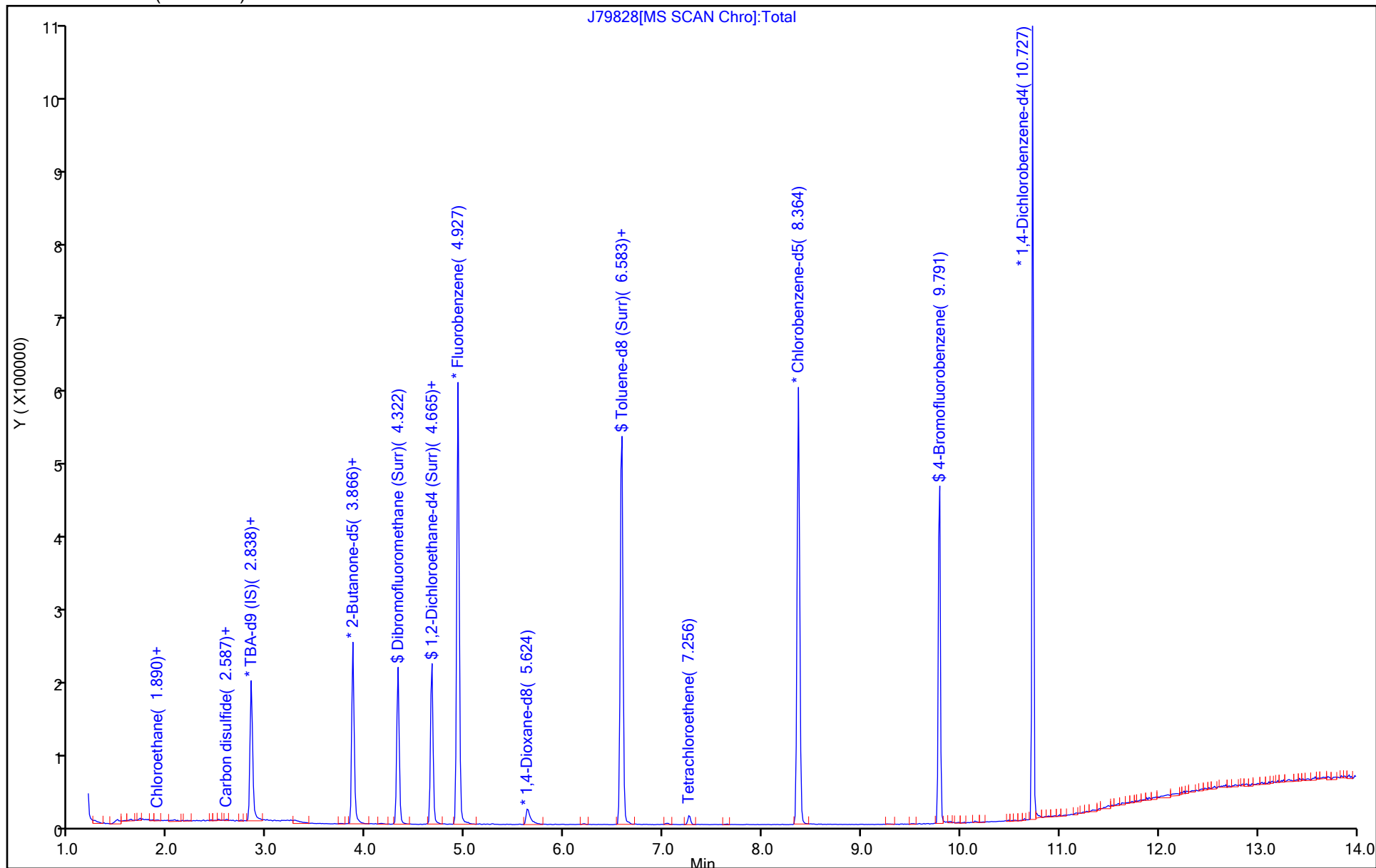
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79828.D
 Lims ID: 460-264728-B-13
 Client ID: FSMW4B-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 03:23:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-13
 Misc. Info.: 460-0150151-022
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:46:27 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:57:47

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.7	109.32
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.8	99.52
\$ 83 Toluene-d8 (Surr)	50.0	48.3	96.53
\$ 105 4-Bromofluorobenzene	50.0	50.8	101.66

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79828.D

Injection Date: 09-Sep-2022 03:23:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-13

Lab Sample ID: 460-264728-13

Client ID: FSMW4B-083122

Operator ID:

ALS Bottle#:

21

Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

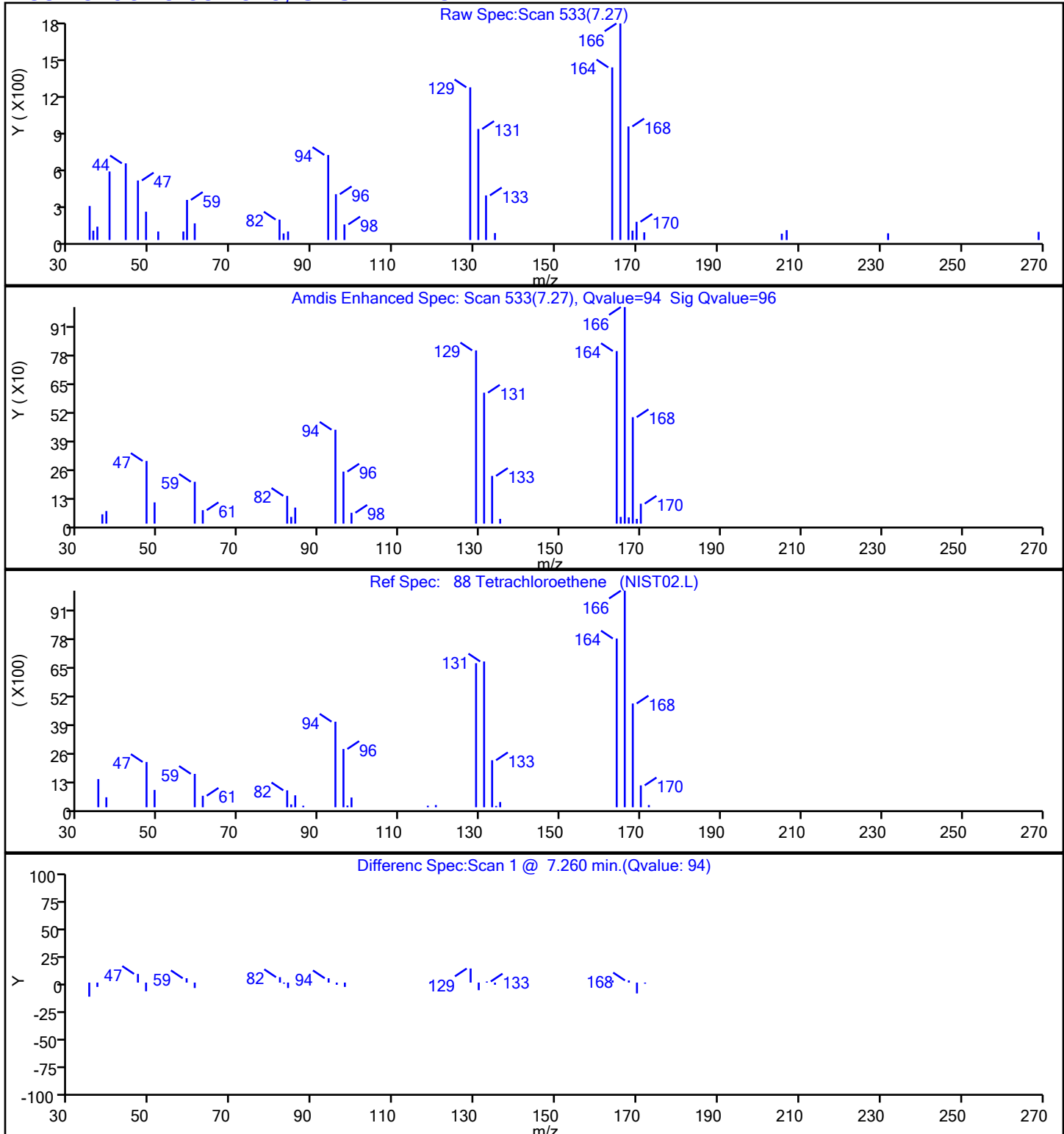
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW2A-083122</u>	Lab Sample ID: <u>460-264728-14</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79829.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 14:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 03:48</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</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	0.20	U	1.0	0.20
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	10		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	240		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	11		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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW2A-083122 Lab Sample ID: 460-264728-14
Matrix: Water Lab File ID: J79829.D
Analysis Method: 8260D Date Collected: 08/31/2022 14:25
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 03:48
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79829.D
 Lims ID: 460-264728-B-14
 Client ID: FSMW2A-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 03:48:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-14
 Misc. Info.: 460-0150151-023
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:58:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.838	2.841	-0.003	75	189981	1000.0	
34 trans-1,2-Dichloroethene	96	3.020	3.023	-0.003	16	399	0.1968	a
* 43 2-Butanone-d5	46	3.865	3.868	-0.003	85	286851	250.0	
44 cis-1,2-Dichloroethene	96	3.900	3.902	-0.002	93	22537	10.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.322	4.325	-0.003	96	108643	53.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	134028	50.9	
* 66 Fluorobenzene	96	4.927	4.930	-0.003	98	451839	50.0	
68 Trichloroethene	95	5.270	5.272	-0.002	98	23786	11.2	
* 72 1,4-Dioxane-d8	96	5.635	5.638	-0.003	0	20999	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	98	357697	47.3	
88 Tetrachloroethene	166	7.267	7.270	-0.003	99	473140	242.9	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	88	346358	50.0	
\$ 105 4-Bromofluorobenzene	174	9.791	9.793	-0.002	96	119000	50.4	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.730	-0.003	98	195171	50.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79829.D

Injection Date: 09-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-14

Lab Sample ID: 460-264728-14

Worklist Smp#: 23

Client ID: FSMW2A-083122

Purge Vol: 5.000 mL

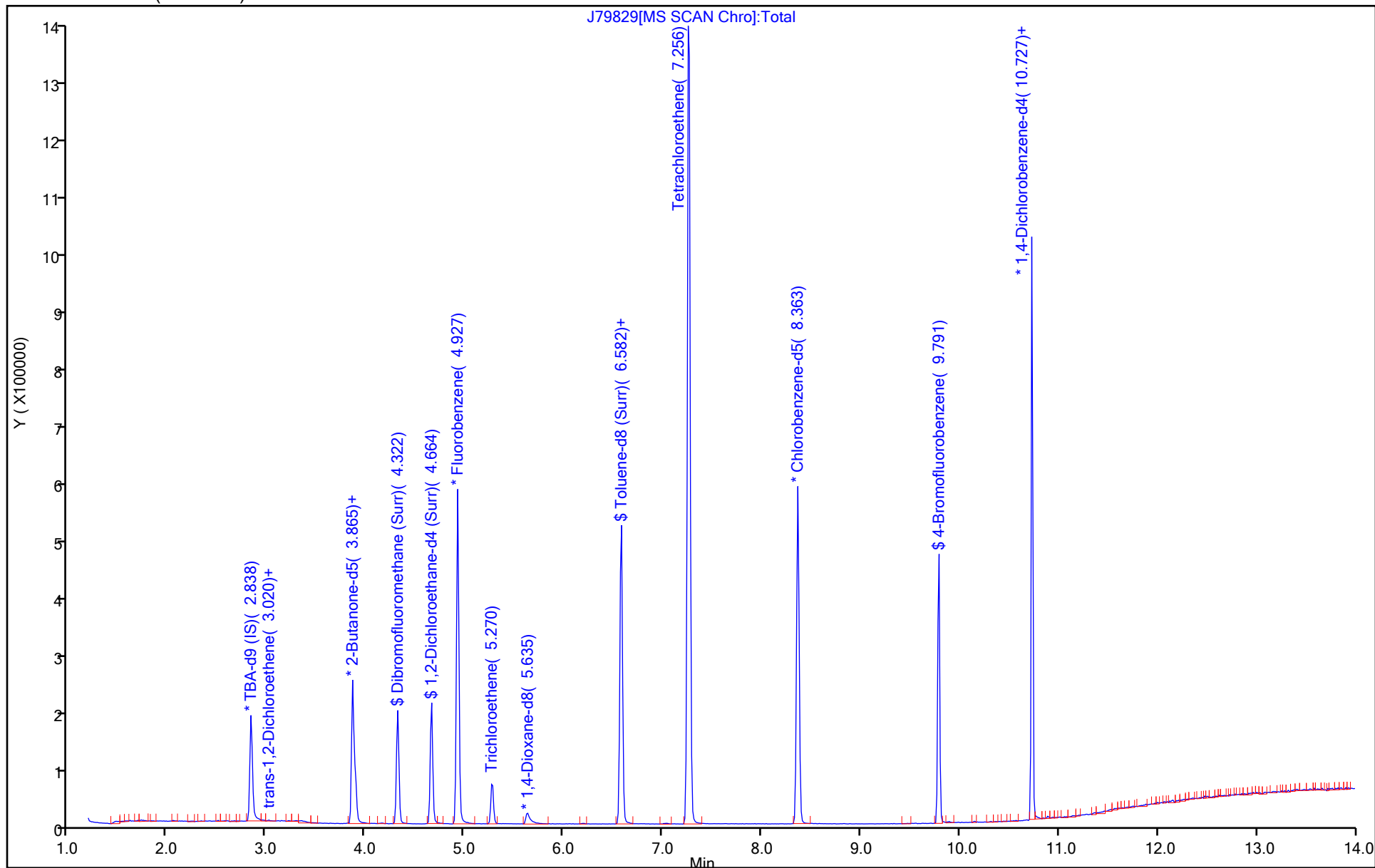
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79829.D
 Lims ID: 460-264728-B-14
 Client ID: FSMW2A-083122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 03:48:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-14
 Misc. Info.: 460-0150151-023
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:58:06

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.9	107.86
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.9	101.81
\$ 83 Toluene-d8 (Surr)	50.0	47.3	94.70
\$ 105 4-Bromofluorobenzene	50.0	50.4	100.83

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79829.D

Injection Date: 09-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-14

Lab Sample ID: 460-264728-14

Client ID: FSMW2A-083122

Operator ID:

ALS Bottle#:

Worklist Smp#: 23

Purge Vol: 5.000 mL

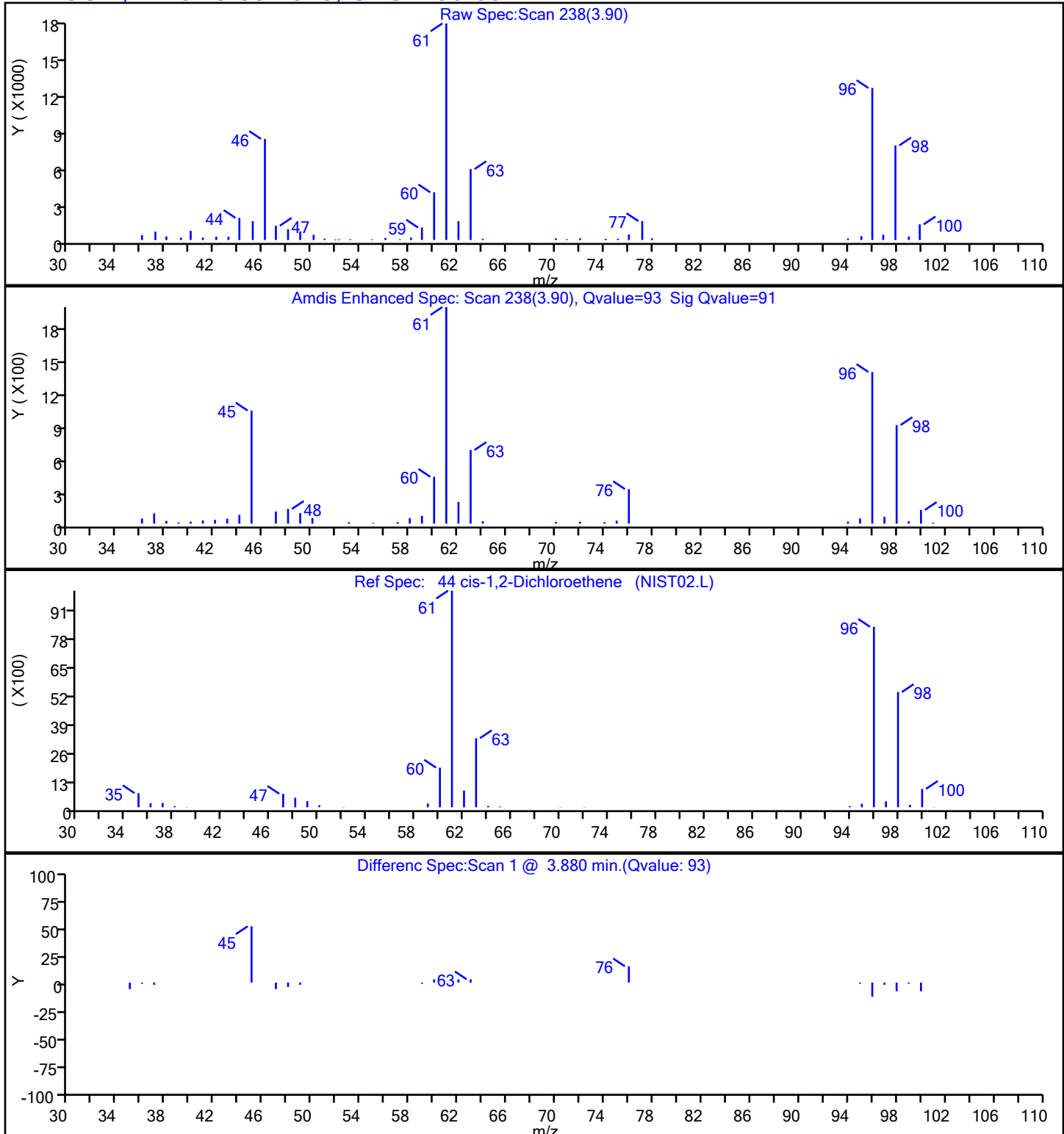
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79829.D

Injection Date: 09-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-14

Lab Sample ID: 460-264728-14

Client ID: FSMW2A-083122

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

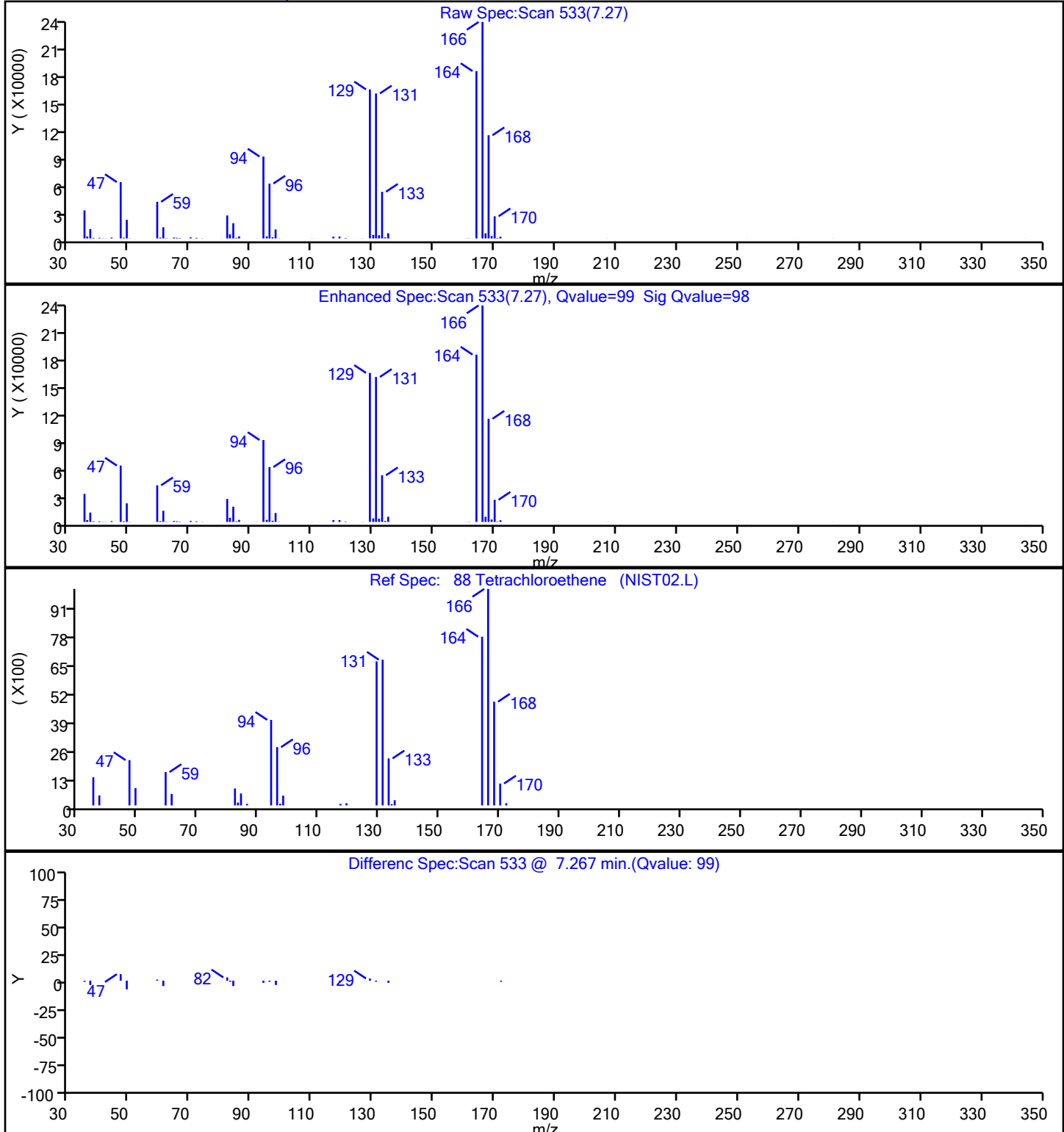
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79829.D

Injection Date: 09-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Lims ID: 460-264728-B-14

Lab Sample ID: 460-264728-14

Client ID: FSMW2A-083122

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

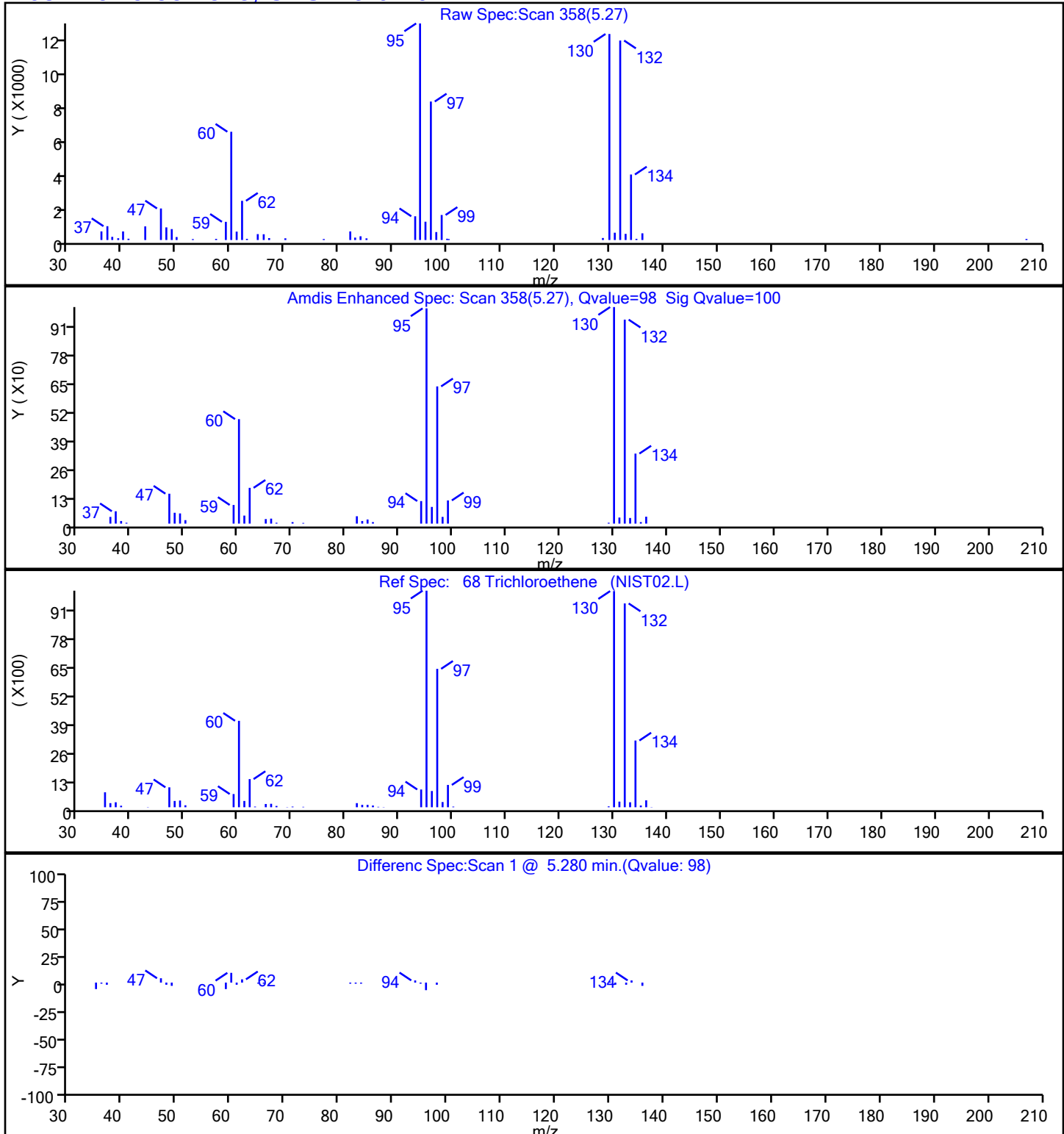
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

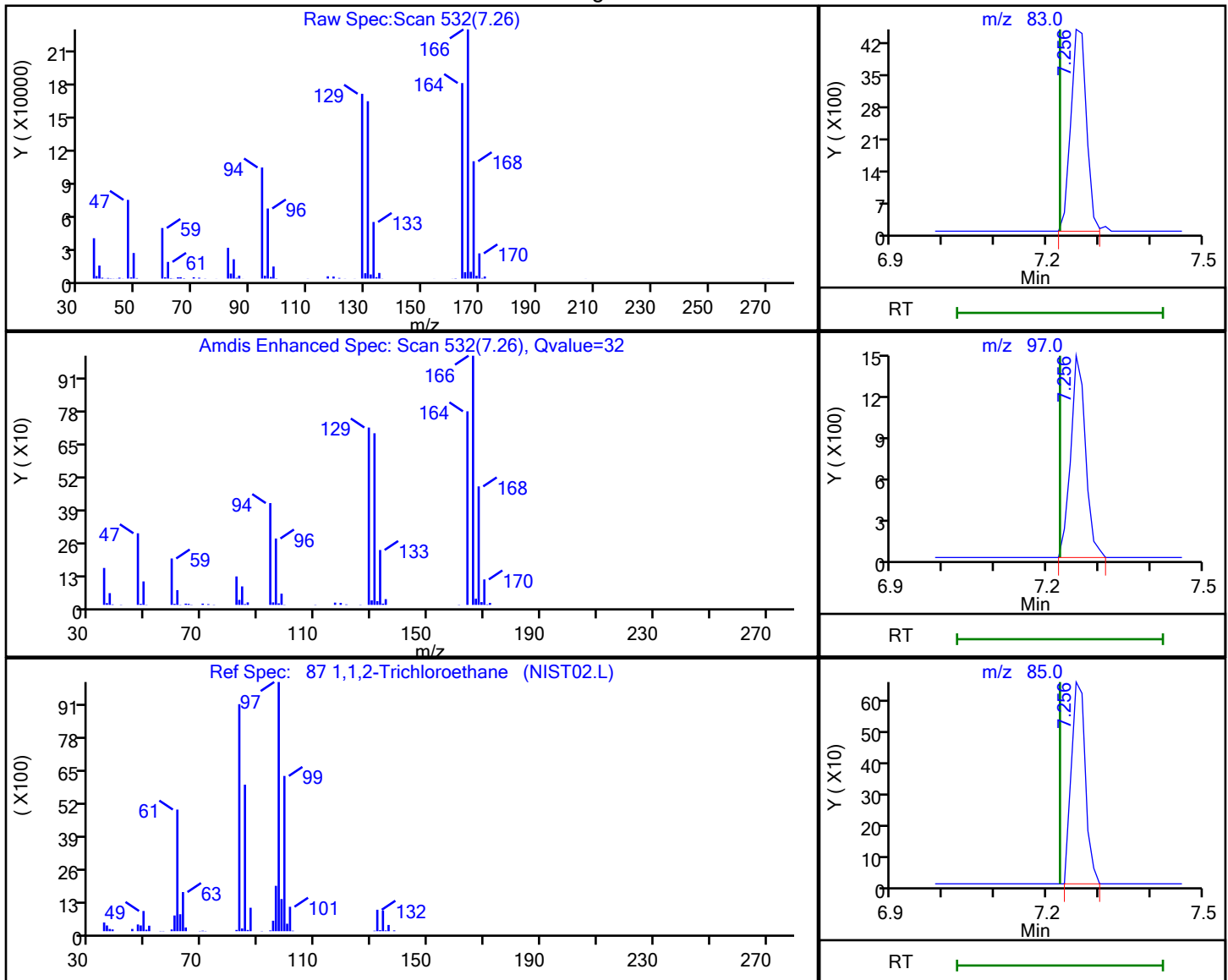
68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79829.D
Injection Date: 09-Sep-2022 03:48:30 Instrument ID: CVOAMS8
Lims ID: 460-264728-B-14 Lab Sample ID: 460-264728-14
Client ID: FSMW2A-083122
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.26	83.00	9504	5.333781
7.26	97.00	2882	
7.26	85.00	1253	

Reviewer: KG2Q, 09-Sep-2022 05:58:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

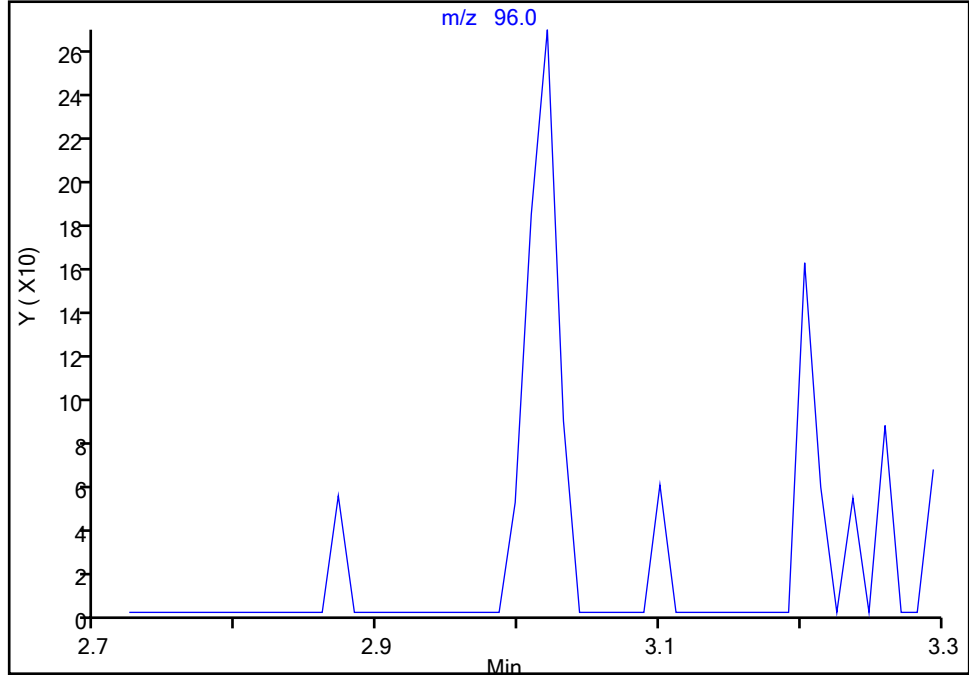
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79829.D
Injection Date: 09-Sep-2022 03:48:30 Instrument ID: CVOAMS8
Lims ID: 460-264728-B-14 Lab Sample ID: 460-264728-14
Client ID: FSMW2A-083122
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

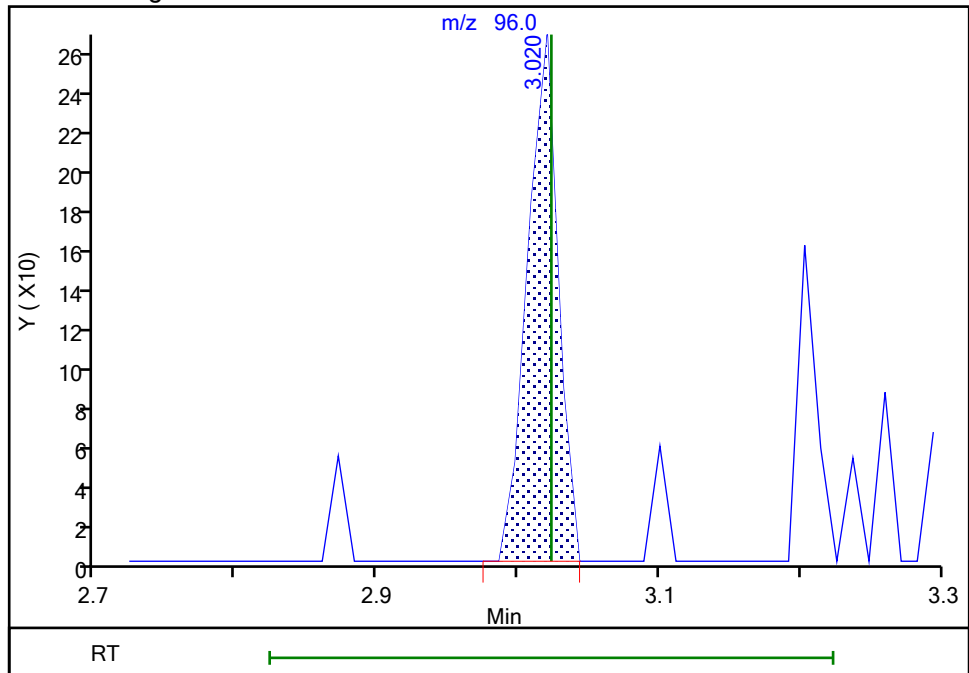
Not Detected
Expected RT: 3.02

Processing Integration Results



RT: 3.02
Area: 399
Amount: 0.196839
Amount Units: ug/l

Manual Integration Results



Reviewer: XE5L, 09-Sep-2022 20:49:26
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-864088/3	J79478.D
Level 2	STD1 460-864088/4	J79479.D
Level 3	STD5 460-864088/5	J79480.D
Level 4	STD20 460-864088/6	J79481.D
Level 5	STD50 460-864088/7	J79482.D
Level 6	STD200 460-864088/8	J79483.D
Level 7	STD500 460-864088/9	J79484.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	+++++ 0.0272	0.0206 0.0269	0.0194	0.0234	0.0255	Ave		0.023 8				13.8		20.0			
Dichlorodifluoromethane	+++++ 0.3782	0.3371 0.3700	0.2786	0.3166	0.3288	Ave		0.334 9			0.1000	10.9		20.0			
Chlorodifluoromethane	+++++ 0.0493	0.0611 0.0483	0.0445	0.0500	0.0527	Ave		0.051 0				11.1		20.0			
Chloromethane	+++++ 0.4454	0.5241 0.4568	0.3909	0.4180	0.4308	Ave		0.444 3			0.1000	10.2		20.0			
Vinyl chloride	+++++ 0.3330	0.3691 0.3296	0.2866	0.3151	0.3254	Ave		0.326 5			0.1000	8.2		20.0			
Butadiene	0.3398 0.3445	0.3894 0.3403	0.2879	0.3104	0.3198	Ave		0.333 2				9.6		20.0			
Bromomethane	+++++ 0.1541	0.1675 0.1617	0.1155	0.1324	0.1354	Ave		0.144 4			0.1000	13.8		20.0			
Chloroethane	+++++ 0.1775	0.1397 0.1724	0.1596	0.1720	0.1808	Ave		0.167 0			0.1000	9.1		20.0			
Dichlorofluoromethane	+++++ 0.4967	0.5611 0.4897	0.4640	0.5023	0.5143	Ave		0.504 7				6.4		20.0			
Trichlorofluoromethane	+++++ 0.3622	0.3633 0.3579	0.3237	0.3544	0.3583	Ave		0.353 3			0.1000	4.2		20.0			
Pentane	+++++ 0.4550	0.4701 0.4173	0.4092	0.4770	0.4822	Ave		0.451 8				6.9		20.0			
Ethanol	+++++ 0.0380	0.0455 0.0415	0.0423	0.0391	0.0461	Ave		0.042 1				7.8		20.0			
Ethyl ether	+++++ 0.2119	0.1873 0.2032	0.1752	0.2118	0.2163	Ave		0.200 9				8.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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-Methyl-1,3-butadiene	++++ 0.2617	0.2644 0.2527	0.2126	0.2587	0.2689	Ave		0.253 2				8.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.1670	0.1597 0.1436	0.1465	0.1659	0.1630	Ave		0.157 6				6.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.3373	0.3266 0.3435	0.2923	0.3178	0.3438	Ave		0.326 9				6.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2176	0.2128 0.2097	0.1920	0.2239	0.2310	Ave		0.214 5		0.1000		6.3		20.0			
Acrolein	++++ 1.5453	2.0355 1.5656	1.4703	1.4927	1.4984	Ave		1.601 3				13.5		20.0			
1,1-Dichloroethene	++++ 0.2015	0.1825 0.2012	0.1766	0.2073	0.2087	Ave		0.196 3		0.1000		6.9		20.0			
Acetone	++++ 0.6060	0.7721 0.5802	0.5034	0.5578	0.5728	Ave		0.598 7		0.0500		15.3		20.0			
Iodomethane	++++ 0.2623	0.0525 0.2371	0.0904	0.1887	0.2252	QuaF		0.269 9	-0.000065						0.9990		0.9900
Carbon disulfide	++++ 0.8094	0.7984 0.7792	0.7110	0.8290	0.8272	Ave		0.792 4		0.1000		5.6		20.0			
Isopropyl alcohol	++++ 0.5028	0.5727 0.5416	0.4454	0.5072	0.5401	Ave		0.518 3				8.5		20.0			
3-Chloro-1-propene	++++ 0.1432	0.1500 0.1316	0.1222	0.1467	0.1419	Ave		0.139 3				7.5		20.0			
Methyl acetate	++++ 0.2179	0.2320 0.2074	0.1898	0.2196	0.2215	Ave		0.214 7		0.1000		6.8		20.0			
Cyclopentene	++++ 0.6374	0.6418 0.6032	0.5485	0.6389	0.6378	Ave		0.617 9				6.0		20.0			
Acetonitrile	++++ 1.5385	1.2389 1.5668	1.7323	1.7961	1.6025	Ave		1.579 2				12.3		20.0			
Methylene Chloride	++++ 0.2516	0.2597 0.2446	0.2361	0.2611	0.2636	Ave		0.252 8		0.1000		4.3		20.0			
2-Methyl-2-propanol	++++ 0.7438	0.7059 0.7572	0.6542	0.7099	0.7631	Ave		0.722 3				5.7		20.0			
Methyl tert-butyl ether	++++ 0.6746	0.6033 0.6464	0.5475	0.6589	0.6777	Ave		0.634 7		0.1000		8.0		20.0			
trans-1,2-Dichloroethene	++++ 0.2256	0.2372 0.2219	0.1968	0.2335	0.2309	Ave		0.224 3		0.1000		6.5		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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
Acrylonitrile	5.1021 4.5330	4.2547 4.2297	3.9860	4.6745	4.5008	Ave		4.468 7				8.1		20.0			
Hexane	++++ 0.3209	0.3435 0.3074	0.2791	0.3455	0.3503	Ave		0.324 5				8.5		20.0			
Isopropyl ether	++++ 1.0096	0.9282 0.9459	0.8378	1.0194	1.0467	Ave		0.964 6				8.0		20.0			
1,1-Dichloroethane	++++ 0.4942	0.5186 0.4758	0.4302	0.5129	0.5082	Ave		0.490 0		0.2000		6.7		20.0			
Vinyl acetate	++++ 0.6162	0.5734 0.6048	0.4971	0.5728	0.6561	Ave		0.586 7				9.1		20.0			
2-Chloro-1,3-butadiene	++++ 0.2042	0.2008 0.2050	0.1706	0.2065	0.2068	Ave		0.199 0				7.1		20.0			
tert-butyl ethyl ether	++++ 0.7868	0.6116 0.7667	0.6011	0.7631	0.7910	Ave		0.720 0				12.3		20.0			
2,2-Dichloropropane	++++ 0.1126	0.1197 0.1092	0.1083	0.1173	0.1140	Ave		0.113 5				3.9		20.0			
cis-1,2-Dichloroethene	++++ 0.2503	0.2286 0.2486	0.2107	0.2471	0.2515	Ave		0.239 5		0.1000		6.9		20.0			
2-Butanone (MEK)	++++ 0.1909	0.1859 0.1877	0.1587	0.1857	0.1822	Ave		0.181 9		0.0500		6.4		20.0			
Ethyl acetate	++++ 0.1891	0.1581 0.1891	0.1427	0.1814	0.1864	Ave		0.174 5				11.2		20.0			
Methyl acrylate	++++ 0.2234	0.2149 0.2173	0.1926	0.2224	0.2206	Ave		0.215 2				5.3		20.0			
Propionitrile	++++ 1.5629	1.4731 1.5089	1.4221	1.5958	1.5955	Ave		1.526 4				4.6		20.0			
Chlorobromomethane	++++ 0.1172	0.1118 0.1130	0.1092	0.1227	0.1195	Ave		0.115 6				4.4		20.0			
Tetrahydrofuran	++++ 0.2029	0.1665 0.1981	0.1754	0.1983	0.2086	Ave		0.191 6				8.7		20.0			
Methacrylonitrile	++++ 0.1051	0.0838 0.1010	0.0831	0.1004	0.1036	Ave		0.096 2				10.4		20.0			
Chloroform	++++ 0.4360	0.4010 0.4359	0.3758	0.4418	0.4407	Ave		0.421 9		0.2000		6.5		20.0			
Cyclohexane	++++ 0.3234	0.2991 0.3146	0.2672	0.3244	0.3410	Ave		0.311 6		0.1000		8.2		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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
1,1,1-Trichloroethane	++++ 0.3474	0.3061 0.3428	0.2829	0.3503	0.3518	Ave		0.330 2			0.1000	8.7		20.0			
Carbon tetrachloride	++++ 0.3002	0.2717 0.2936	0.2542	0.2958	0.3002	Ave		0.286 0			0.1000	6.6		20.0			
1,1-Dichloropropene	++++ 0.3485	0.3048 0.3386	0.2745	0.3529	0.3517	Ave		0.328 5				9.7		20.0			
Isobutyl alcohol	++++ 0.6551	0.6169 0.6536	0.4564	0.5880	0.6399	Ave		0.601 7				12.6		20.0			
Isooctane	++++ 0.6330	0.5360 0.5978	0.4853	0.5999	0.6487	Ave		0.583 5				10.6		20.0			
Benzene	++++ 1.2730	1.2096 1.1768	1.1228	1.3378	1.3284	Ave		1.241 4			0.5000	6.9		20.0			
Isopropyl acetate	++++ 0.8734	0.6766 0.8748	0.6507	0.8035	0.8882	Ave		0.794 5				13.3		20.0			
Tert-amyl methyl ether	++++ 0.2032	0.2133 0.2053	0.2069	0.2047	0.2077	Ave		0.206 8				1.7		20.0			
1,2-Dichloroethane	++++ 0.3693	0.3708 0.3560	0.3093	0.3770	0.3750	Ave		0.359 6			0.1000	7.1		20.0			
n-Heptane	++++ 0.1291	0.1207 0.1224	0.1041	0.1289	0.1388	Ave		0.124 0				9.4		20.0			
n-Butanol	++++ 0.1831	++++ 0.2147	0.0762	0.1267	0.1793	Ave		0.156 0				35.0	*	20.0			
Trichloroethene	++++ 0.2482	0.2145 0.2439	0.2065	0.2489	0.2487	Ave		0.235 1			0.2000	8.2		20.0			
Methylcyclohexane	++++ 0.3506	0.2681 0.3371	0.2657	0.3422	0.3635	Ave		0.321 2			0.1000	13.4		20.0			
Ethyl acrylate	++++ 0.6636	0.5087 0.6445	0.4832	0.6386	0.6688	Ave		0.601 2				13.8		20.0			
1,2-Dichloropropane	++++ 0.3005	0.2744 0.2910	0.2503	0.2970	0.2971	Ave		0.285 1			0.1000	6.8		20.0			
Methyl methacrylate	++++ 0.0542	0.0370 0.0545	0.0379	0.0480	0.0527	Ave		0.047 4				16.9		20.0			
1,4-Dioxane	++++ 0.4676	0.2359 0.6860	0.6622	0.4908	0.6382	QuaF		0.364 2	0.0000320						0.9980		0.9900
Dibromomethane	++++ 0.1657	0.1513 0.1641	0.1438	0.1655	0.1668	Ave		0.159 5				6.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
n-Propyl acetate	++++ 0.4397	0.3289 0.4275	0.3286	0.4084	0.4304	Ave		0.393 9				13.1		20.0			
Bromodichloromethane	++++ 0.3505	0.3181 0.3479	0.2857	0.3440	0.3452	Ave		0.331 9			0.2000	7.7		20.0			
2-Nitropropane	++++ 3.6440	3.6763 3.6229	2.8801	3.2800	3.5254	Ave		3.438 1				9.0		20.0			
2-Chloroethyl vinyl ether	++++ 0.1806	0.1260 0.1807	0.1139	0.1567	0.1750	Ave		0.155 5				18.7		20.0			
Epichlorohydrin	0.1576 0.1723	0.1326 0.1704	0.1305	0.1642	0.1673	Ave		0.156 4				11.3		20.0			
cis-1,3-Dichloropropene	++++ 0.5942	0.5173 0.5590	0.4848	0.5781	0.5968	Ave		0.555 0			0.2000	8.1		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.1427	1.6124 2.0390	1.5200	2.0425	2.0844	Ave		1.906 8			0.0500	14.1		20.0			
Toluene	++++ 1.2791	1.2785 1.2031	1.0971	1.3183	1.3224	Ave		1.249 8			0.4000	6.9		20.0			
trans-1,3-Dichloropropene	++++ 0.5395	0.4501 0.5159	0.3952	0.5019	0.5218	Ave		0.487 4			0.1000	11.2		20.0			
Ethyl methacrylate	++++ 0.3127	0.2204 0.3143	0.2020	0.2683	0.2936	Ave		0.268 5				17.8		20.0			
1,1,2-Trichloroethane	++++ 0.2762	0.2459 0.2614	0.2263	0.2621	0.2714	Ave		0.257 2			0.1000	7.1		20.0			
Tetrachloroethene	++++ 0.2950	0.2744 0.2791	0.2446	0.2965	0.2978	Ave		0.281 2			0.2000	7.3		20.0			
1,3-Dichloropropane	++++ 0.5217	0.4965 0.4881	0.4364	0.5181	0.5233	Ave		0.497 4				6.7		20.0			
2-Hexanone	++++ 0.7220	0.5022 0.7124	0.4563	0.6428	0.6572	Ave		0.615 5			0.0500	18.0		20.0			
n-Butyl acetate	++++ 0.6188	0.4599 0.5639	0.4496	0.5742	0.6090	Ave		0.545 9				13.5		20.0			
Chlorodibromomethane	++++ 0.3390	0.2571 0.3259	0.2587	0.3203	0.3287	Ave		0.305 0			0.1000	12.1		20.0			
Ethylene Dibromide	++++ 0.3019	0.2769 0.2884	0.2505	0.2949	0.3031	Ave		0.286 0			0.1000	6.9		20.0			
Chlorobenzene	++++ 0.8413	0.8059 0.7968	0.7071	0.8425	0.8578	Ave		0.808 6			0.5000	6.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
Ethylbenzene	++++ 0.4528	0.3675 0.4441	0.3457	0.4218	0.4487	Ave		0.413 5			0.1000	11.1		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3101	0.2570 0.3005	0.2486	0.2924	0.3026	Ave		0.285 2				9.1		20.0			
m-Xylene & p-Xylene	++++ 0.5349	0.4370 0.5236	0.4095	0.5326	0.5409	Ave		0.496 4			0.1000	11.6		20.0			
n-Butyl acrylate	++++ 0.2618	0.1805 0.2603	0.1586	0.2154	0.2465	Ave		0.220 5				19.7		20.0			
o-Xylene	++++ 0.5515	0.4340 0.5388	0.4157	0.5352	0.5486	Ave		0.504 0			0.3000	12.3		20.0			
Styrene	++++ 0.9223	0.6427 0.8932	0.6841	0.8917	0.9093	Ave		0.823 9			0.3000	15.2		20.0			
Amyl acetate (mixed isomers)	++++ 1.2814	1.0538 1.2086	0.8817	1.2404	1.2726	Ave		1.156 4				13.7		20.0			
Bromoform	++++ 0.2265	0.1642 0.2192	0.1607	0.2041	0.2095	Ave		0.197 4			0.1000	14.3		20.0			
Isopropylbenzene	++++ 1.3415	1.0097 1.2366	0.9888	1.2728	1.3366	Ave		1.197 6			0.1000	13.3		20.0			
Bromobenzene	++++ 0.6481	0.5896 0.6040	0.5267	0.6714	0.6520	Ave		0.615 3				8.7		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7531	0.7255 0.7216	0.6372	0.7718	0.7534	Ave		0.727 1			0.3000	6.6		20.0			
N-Propylbenzene	++++ 3.0489	2.6401 2.7272	2.3551	2.9915	3.0714	Ave		2.805 7				10.1		20.0			
1,2,3-Trichloropropane	++++ 0.1763	0.1469 0.1656	0.1455	0.1742	0.1753	Ave		0.164 0				8.7		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2442	0.2524 0.2338	0.1930	0.2446	0.2386	Ave		0.234 4				9.1		20.0			
2-Chlorotoluene	++++ 2.1523	1.7898 2.0449	1.6674	2.1290	2.1405	Ave		1.987 3				10.4		20.0			
4-Ethyltoluene	++++ 2.5146	2.0219 2.3312	1.8838	2.4551	2.4965	Ave		2.283 8				11.7		20.0			
1,3,5-Trimethylbenzene	++++ 2.0687	1.7005 1.8945	1.5633	2.0506	2.1069	Ave		1.897 4				11.7		20.0			
4-Chlorotoluene	++++ 1.9667	1.6984 1.9973	1.5243	2.0462	1.9575	Ave		1.865 1				11.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
Butyl Methacrylate	++++ 0.8002	0.5053 0.7873	0.4899	0.7600	0.7784	QuaF		0.803 3	-0.000032						1.0000		0.9900
tert-Butylbenzene	++++ 1.6602	1.3056 1.5322	1.2481	1.6248	1.6541	Ave		1.504 2				12.2		20.0			
1,2,4-Trimethylbenzene	++++ 2.1473	1.7391 2.0259	1.6487	2.1209	2.1828	Ave		1.977 4				11.5		20.0			
sec-Butylbenzene	++++ 2.4276	1.9878 2.1988	1.8878	2.4041	2.4721	Ave		2.229 7				11.1		20.0			
1,3-Dichlorobenzene	++++ 1.2359	1.0228 1.1488	0.9731	1.1717	1.2079	Ave		1.126 7			0.6000	9.3		20.0			
4-Isopropyltoluene	++++ 2.1363	1.6574 1.9760	1.5033	2.0624	2.1092	Ave		1.907 4				13.8		20.0			
1,4-Dichlorobenzene	++++ 1.2112	1.1687 1.1828	1.0472	1.2287	1.2162	Ave		1.175 8			0.5000	5.7		20.0			
1,2,3-Trimethylbenzene	++++ 2.3514	1.8493 2.1680	1.8092	2.3426	2.3104	Ave		2.138 5				11.6		20.0			
Benzyl chloride	++++ 1.3530	1.0112 1.2831	0.9703	1.3091	1.2974	Ave		1.204 0				13.9		20.0			
Indan	++++ 2.2085	1.8924 1.9843	1.7608	2.1827	2.2532	Ave		2.047 0				9.7		20.0			
p-Diethylbenzene	++++ 1.0687	0.8487 1.0568	0.8051	1.0372	1.0549	Ave		0.978 5				12.1		20.0			
n-Butylbenzene	++++ 1.1202	0.8862 1.0009	0.8139	1.1022	1.0940	Ave		1.002 9				12.7		20.0			
1,2-Dichlorobenzene	++++ 1.1932	1.0564 1.1423	0.9371	1.1644	1.1774	Ave		1.111 8			0.4000	8.8		20.0			
1,2,4,5-Tetramethylbenzene	++++ 2.1055	1.6976 1.9336	1.5304	2.0363	2.1463	Ave		1.908 3				12.8		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1396	0.1147 0.1372	0.1173	0.1433	0.1362	Ave		0.131 4			0.0500	9.3		20.0			
1,3,5-Trichlorobenzene	++++ 0.8522	0.9348 0.7798	0.6656	0.8362	0.8462	Ave		0.819 1				11.0		20.0			
1,2,4-Trichlorobenzene	++++ 0.7831	0.6721 0.7211	0.6030	0.7560	0.7701	Ave		0.717 6			0.2000	9.6		20.0			
Hexachlorobutadiene	++++ 0.2449	0.2854 0.2230	0.2045	0.2568	0.2585	Ave		0.245 5				11.6		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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
Naphthalene	++++ 1.9994	1.9035 1.8441	1.5751	1.8993	2.0141	Ave		1.872 6				8.5		20.0			
1,2,3-Trichlorobenzene	++++ 0.6967	0.7453 0.6524	0.5764	0.6898	0.7009	Ave		0.676 9				8.5		20.0			
Dibromofluoromethane (Surr)	0.2245 0.2189	0.2272 0.2224	0.2232	0.2256	0.2187	Ave		0.222 9				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2935 0.2917	0.2970 0.2926	0.2960	0.2897	0.2789	Ave		0.291 3				2.1		20.0			
Toluene-d8 (Surr)	1.0932 1.1000	1.1097 1.0646	1.0898	1.0933	1.0837	Ave		1.090 6				1.3		20.0			
4-Bromofluorobenzene	0.3420 0.3482	0.3516 0.3335	0.3479	0.3215	0.3405	Ave		0.340 8				3.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-864088/3	J79478.D
Level 2	STD1 460-864088/4	J79479.D
Level 3	STD5 460-864088/5	J79480.D
Level 4	STD20 460-864088/6	J79481.D
Level 5	STD50 460-864088/7	J79482.D
Level 6	STD200 460-864088/8	J79483.D
Level 7	STD500 460-864088/9	J79484.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	Ave	++++ 54741	193 144843	907	4437	12284	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 761655	3160 1993003	13031	60091	158446	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 99374	573 260179	2081	9492	25398	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 897019	4913 2460345	18286	79331	207555	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 670587	3460 1775312	13406	59809	156816	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	809 693773	3650 1833119	13470	58909	154115	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 310333	1570 870846	5403	25135	65239	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 357441	1309 928557	7467	32642	87105	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1000278	5259 2637960	21704	95338	247797	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 729350	3405 1927579	15142	67275	172664	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	++++ 1832416	8813 4495428	38281	181065	464656	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	++++ 67320	353 197813	1664	6205	19639	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 426734	1756 1094259	8195	40198	104238	++++ 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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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-Methyl-1,3-butadiene	FB	Ave	++++ 526979	2478 1361048	9947	49112	129578	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 336234	1497 773316	6855	31483	78551	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 679271	3061 1850029	13673	60321	165639	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 438211	1995 1129499	8981	42489	111295	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 68423	1578 149233	5784	11831	31939	++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	++++ 405730	1711 1083748	8260	39348	100569	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 812496	4626 2079865	15307	67956	182557	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	QuaF	++++ 528180	492 1277167	4228	35812	108511	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 1629888	7484 4197114	33261	157360	398561	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 222653	1110 645368	4380	20101	57556	++++ 2000	10.0 5000	50.0	200	500
3-Chloro-1-propene	FB	Ave	++++ 288459	1406 708650	5716	27843	68385	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 877511	4349 2234476	17759	83381	213421	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1283537	6016 3248870	25661	121271	307305	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 681232	2401 1866798	17037	71176	170786	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 506702	2434 1317628	11044	49568	127036	++++ 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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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-Methyl-2-propanol	TBAd 9	Ave	++++ 329323	1368 902216	6434	28131	81330	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1358458	5655 3481658	25613	125060	326541	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 454380	2223 1195047	9207	44327	111234	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd 9	Ave	2034 2007145	8246 5039672	39201	185243	479664	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 646291	3220 1655942	13058	65587	168791	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2033017	8700 5094804	39192	193489	504335	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 995120	4861 2562895	20125	97358	244857	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 2481783	10749 6515146	46512	217463	632243	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 411128	1882 1104015	7983	39195	99633	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1584393	5733 4129688	28118	144835	381129	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 226789	1122 588330	5068	22271	54951	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 503950	2143 1338842	9857	46898	121190	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 255946	1114 672759	4826	22623	58076	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 101404	379 271200	1735	8839	23755	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	++++ 449880	2014 1170625	9012	42216	106287	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 692033	2855 1797812	13986	63241	170034	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++	1048	5109	23293	57579	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
			235999	608539				200	500			
Tetrahydrofuran	BUT	Ave	++++ 108806	399 284016	2133	9661	26587	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 2116958	7851 5442173	38855	190532	499305	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 878018	3759 2348009	17581	83860	212357	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 651243	2804 1694502	12501	61580	164330	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 699549	2869 1846243	13236	66485	169512	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 604553	2547 1581634	11890	56147	144667	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 701849	2857 1823941	12842	66989	169479	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 725188	2989 1947030	11222	58252	170497	++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	++++ 1274785	5024 3220175	22702	113865	312591	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 1962380	8392 5084847	38810	191788	482137	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1758887	6342 4711925	30442	152513	427956	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 409162	1999 1105865	9680	38853	100079	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 743665	3476 1917408	14469	71550	180705	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 260048	1131 659398	4868	24474	66875	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 202689	++++ 639502	1873	12549	47784	++++ 5000	++++ 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 499744	2011 1313512	9661	47237	119816	++++ 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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
Methylcyclohexane	FB	Ave	++++ 706058	2513 1815809	12428	64959	175172	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1336419	4768 3471379	22604	121214	322237	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 605120	2572 1567264	11709	56381	143166	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 218125	694 587324	3548	18235	50811	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	QuaF	++++ 59551	288 189121	1622	4731	17052	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 333752	1418 883703	6725	31407	80364	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 885513	3083 2302705	15370	77517	207363	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 705914	2982 1873903	13364	65289	166345	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd 9	Ave	++++ 322701	1425 863336	5665	25996	75144	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 364618	1184 975675	5342	29815	84546	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	972 924141	3178 2443846	15876	80018	213230	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 915946	3589 2415305	16756	82877	216608	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2872862	9660 7309694	46214	248833	664272	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 1971845	8870 5198714	37922	188985	479973	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 831703	3123 2229310	13661	71957	189375	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	++++ 629721	2066 1692763	9448	50928	141461	++++ 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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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-Trichloroethane	CBNZ d5	Ave	++++ 425722	1706 1129572	7822	37580	98518	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 454795	1904 1205887	8454	42510	108098	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 804229	3445 2109036	15083	74272	189935	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 967999	3009 2553947	13874	78306	209426	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 953920	3191 2436378	15542	82311	221049	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 522641	1784 1407994	8943	45921	119317	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 465329	1921 1246358	8660	42282	110022	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1296936	5591 3442855	24439	120784	311344	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 698093	2550 1918882	11950	60473	162847	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 477984	1783 1298397	8593	41923	109816	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 824540	3032 2262234	14155	76358	196307	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 403561	1252 1124897	5482	30877	89460	++++ 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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
o-Xylene	CBNZ d5	Ave	+++++	3011	14369	76721	199108	+++++	1.00	5.00	20.0	50.0
			850240	2327942				200	500			
Styrene	CBNZ d5	Ave	+++++	4459	23645	127837	330039	+++++	1.00	5.00	20.0	50.0
			1421706	3859471				200	500			
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++	3987	16956	93680	254881	+++++	1.00	5.00	20.0	50.0
			1103195	2938863				200	500			
Bromoform	CBNZ d5	Ave	+++++	1139	5553	29253	76049	+++++	1.00	5.00	20.0	50.0
			349166	947256				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	7005	34177	182457	485124	+++++	1.00	5.00	20.0	50.0
			2067940	5343277				200	500			
Bromobenzene	DCBd 4	Ave	+++++	2231	10129	50708	130593	+++++	1.00	5.00	20.0	50.0
			557974	1468646				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	2745	12254	58288	150890	+++++	1.00	5.00	20.0	50.0
			648354	1754706				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	9989	45292	225939	615138	+++++	1.00	5.00	20.0	50.0
			2624902	6631553				200	500			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	556	2798	13159	35100	+++++	1.00	5.00	20.0	50.0
			151738	402653				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	955	3711	18475	47784	+++++	1.00	5.00	20.0	50.0
			210227	568547				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	6772	32067	160793	428697	+++++	1.00	5.00	20.0	50.0
			1852942	4972428				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	7650	36228	185426	500008	+++++	1.00	5.00	20.0	50.0
			2164840	5668553				200	500			

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 1781010	6434 4606650	30064	154879	421967	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 1693158	6426 4856631	29314	154544	392056	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 688883	1912 1914411	9421	57401	155897	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1429330	4940 3725653	24003	122717	331280	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 1848627	6580 4926142	31707	160185	437174	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 2089955	7521 5346723	36305	181571	495108	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1064032	3870 2793444	18714	88491	241917	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 1839167	6271 4804893	28911	155764	422426	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1042715	4422 2876128	20140	92797	243587	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2024362	6997 5271697	34793	176931	462730	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1164806	3826 3119963	18661	98872	259836	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 1901315	7160 4825188	33863	164849	451266	++++ 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 Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
p-Diethylbenzene	DCBd 4	Ave	++++ 920055	3211 2569745	15483	78334	211271	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 964390	3353 2433771	15653	83242	219108	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1027292	3997 2777684	18022	87944	235807	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 1812656	6423 4701819	29432	153795	429869	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 120215	434 333589	2256	10824	27279	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 733719	3537 1896168	12801	63158	169472	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 674173	2543 1753333	11597	57095	154239	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 210851	1080 542147	3932	19392	51765	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 1721369	7202 4484193	30291	143448	403389	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 599809	2820 1586478	11085	52096	140385	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	106898 110206	106466 119811	104399	107068	105371	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	139735 146876	139214 157605	138462	137466	134369	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	386945	384940	376682	391817	393317	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-264728-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
			423912	460023				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	121057	121963	120262	115236	123590	50.0	50.0	50.0	50.0	50.0
			134208	144106				50.0	50.0			

Curve Type Legend

Ave = Average ISTD

QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 31-Aug-2022 12:56:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0149864-003
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:12 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: K0HS

Date: 31-Aug-2022 14:03:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.547	1.539	0.008	89	809	0.2500	0.2550	M
* 30 TBA-d9 (IS)	65	2.849	2.852	-0.003	75	199328	1000.0	1000.0	
35 Acrylonitrile	53	3.100	3.092	0.008	91	2034	2.00	2.28	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	85	308404	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.333	4.325	0.008	95	106898	50.0	50.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.675	4.667	0.008	0	139735	50.0	50.4	
* 66 Fluorobenzene	96	4.938	4.941	-0.003	97	476093	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.634	5.637	-0.003	0	25176	1000.0	1000.0	
80 Epichlorohydrin	57	6.308	6.300	0.008	35	972	5.00	5.04	
\$ 83 Toluene-d8 (Surr)	98	6.593	6.585	0.008	98	386945	50.0	50.1	
* 94 Chlorobenzene-d5	117	8.374	8.377	-0.003	90	353969	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	88	121057	50.0	50.2	
* 121 1,4-Dichlorobenzene-d4	152	10.738	10.741	-0.003	98	190947	50.0	50.0	
135 1,2,3-Trichlorobenzene	180	12.302	12.305	-0.003	84	600		0.2321	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACRY/EPIH MIX_00103	Amount Added: 20.00	Units: uL	
Ethanol mix_00068	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00158	Amount Added: 0.00	Units: uL	
524freon_00056	Amount Added: 0.00	Units: uL	
GASES Li_00491	Amount Added: 2.50	Units: uL	
ACROLEIN W_00143	Amount Added: 0.00	Units: uL	
GAS Hi_00423	Amount Added: 0.00	Units: uL	
14DIOXINTER_00145	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 0.00	Units: uL	
MIX I Hi_00154	Amount Added: 0.00	Units: uL	
8FreonHi_00048	Amount Added: 0.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

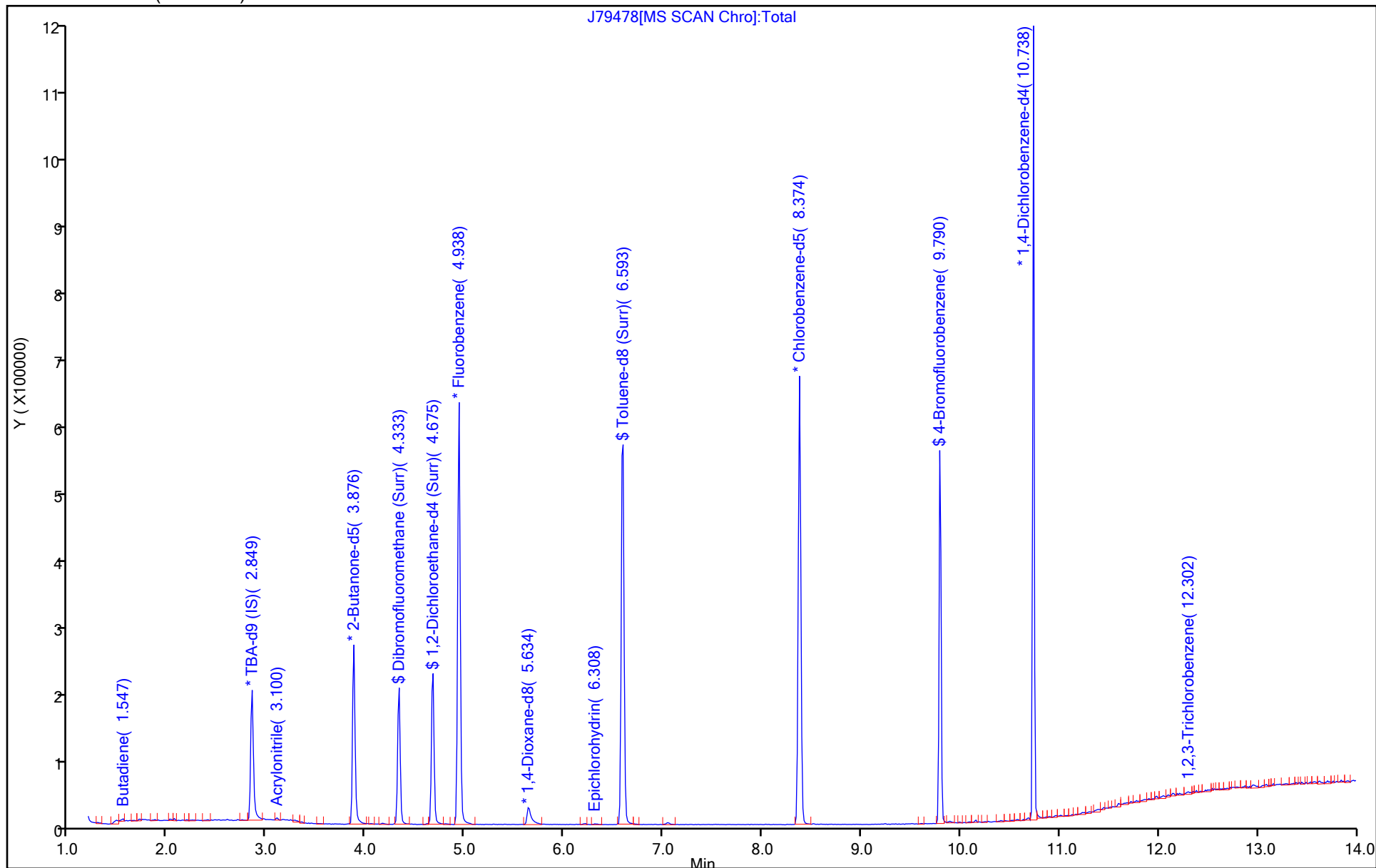
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

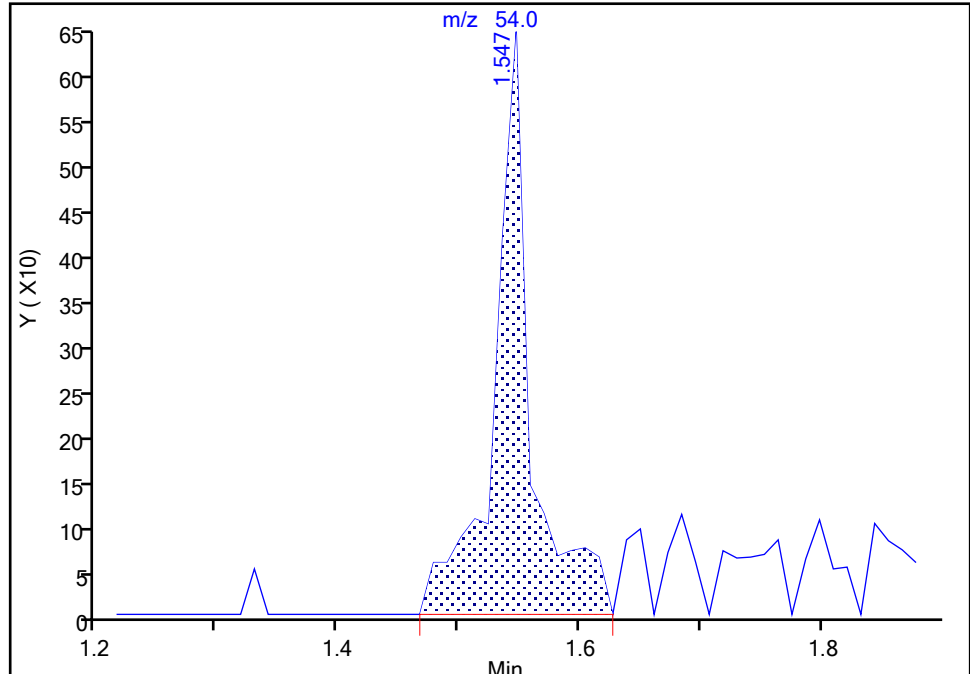
MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

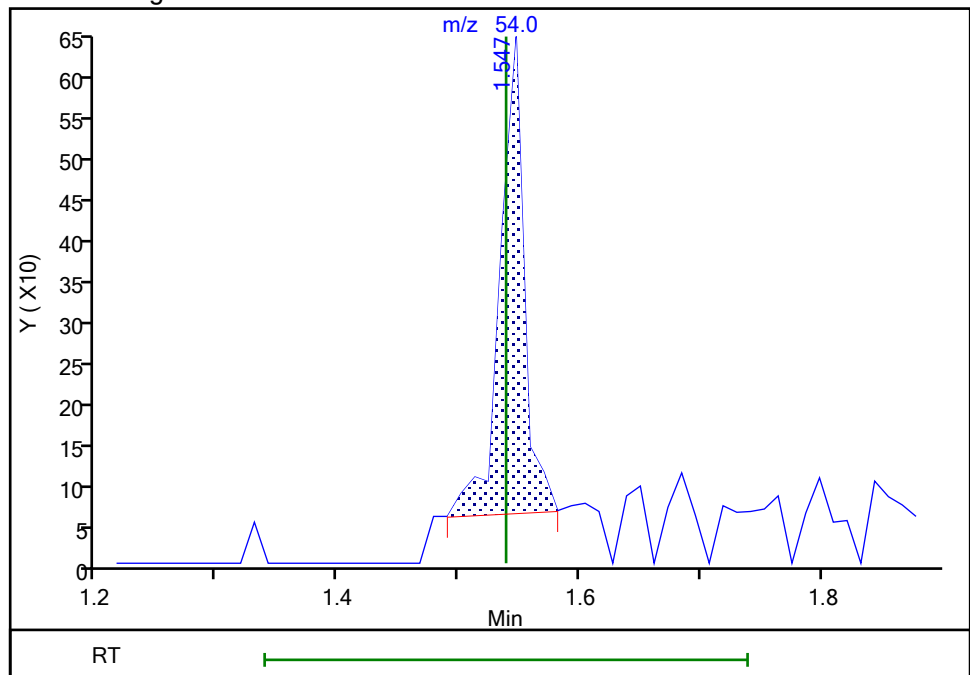
RT: 1.55
Area: 1356
Amount: 0.415531
Amount Units: ug/l

Processing Integration Results



RT: 1.55
Area: 809
Amount: 0.255008
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 17:59:32

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

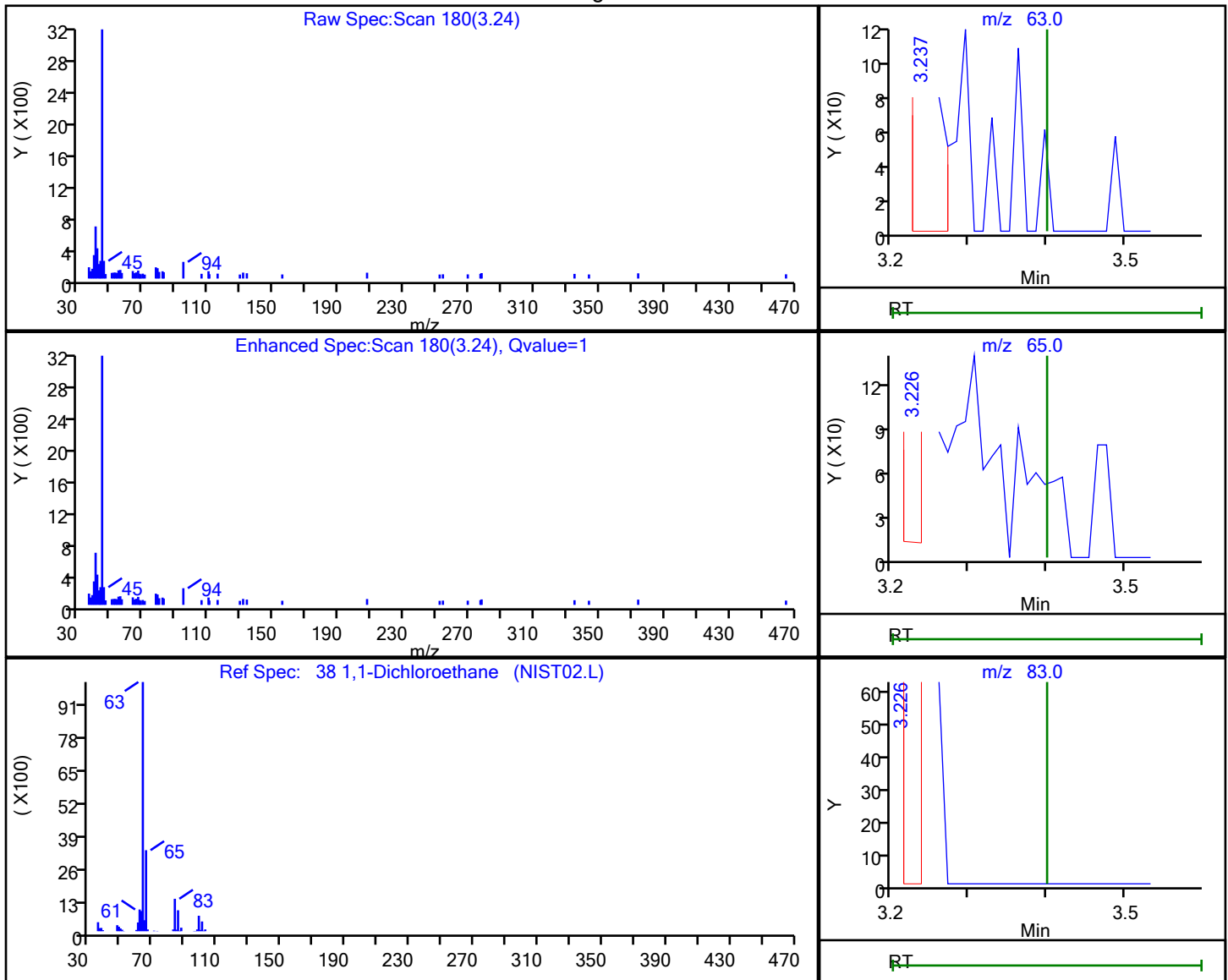
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.24	63.00	202	0.040907
3.23	65.00	144	
3.23	83.00	72	

Reviewer: K0HS, 31-Aug-2022 14:01:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

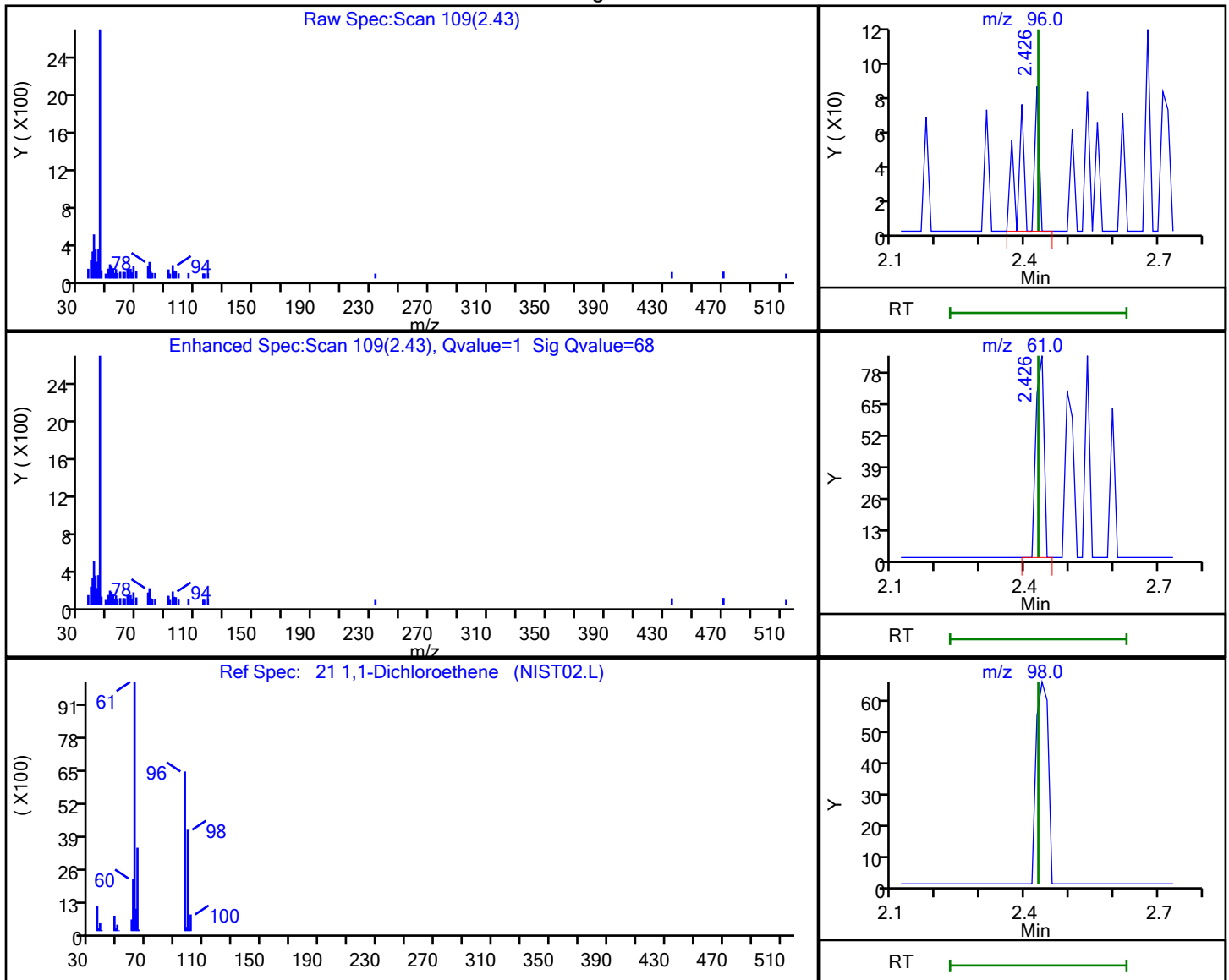
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.43	96.00	139	0.074365
2.43	61.00	106	
2.43	98.00	0	
2.43	63.00	0	

Reviewer: K0HS, 31-Aug-2022 14:02:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

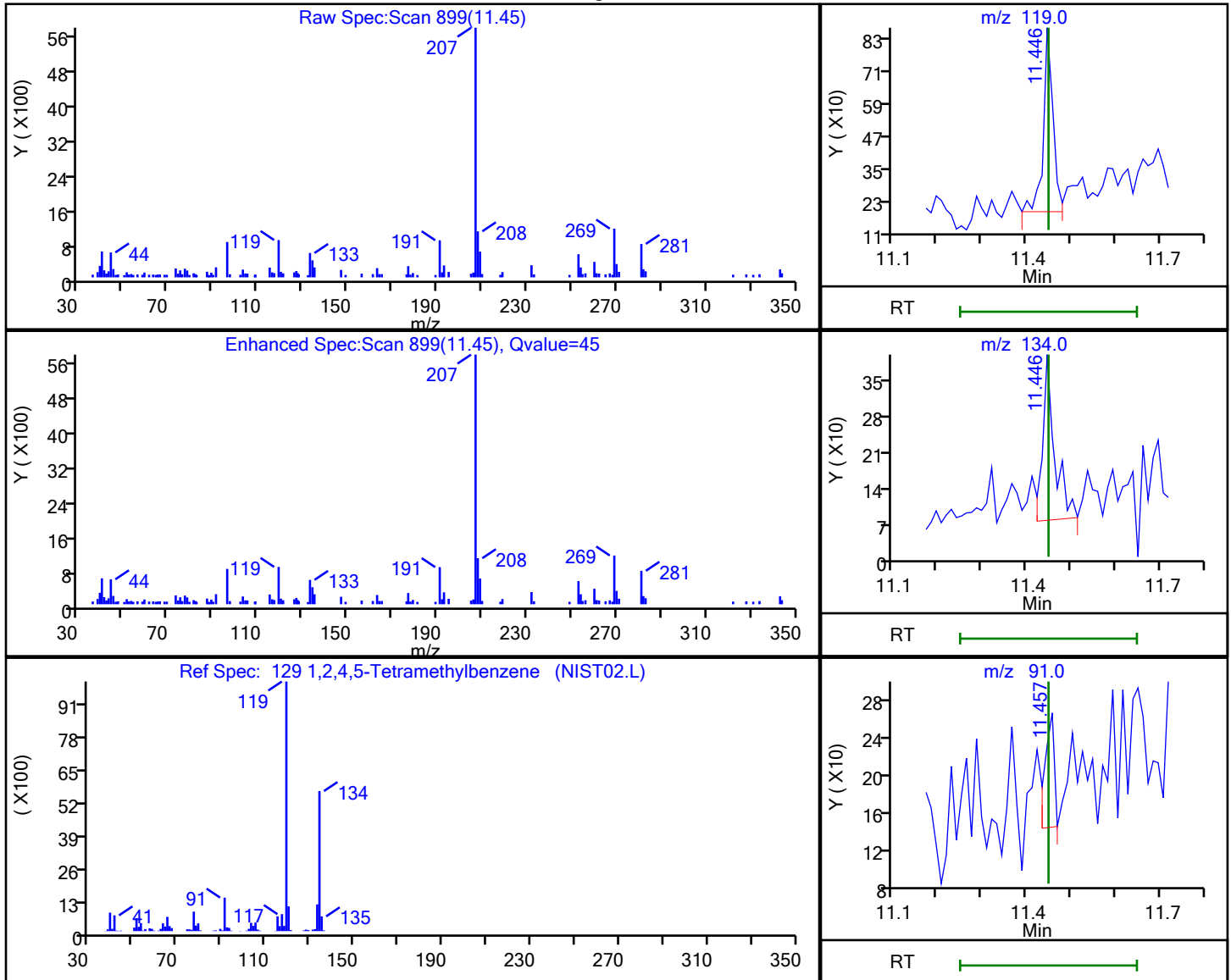
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.45	119.00	1025	0.158107
11.45	134.00	601	
11.46	91.00	177	

Reviewer: K0HS, 31-Aug-2022 14:02:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

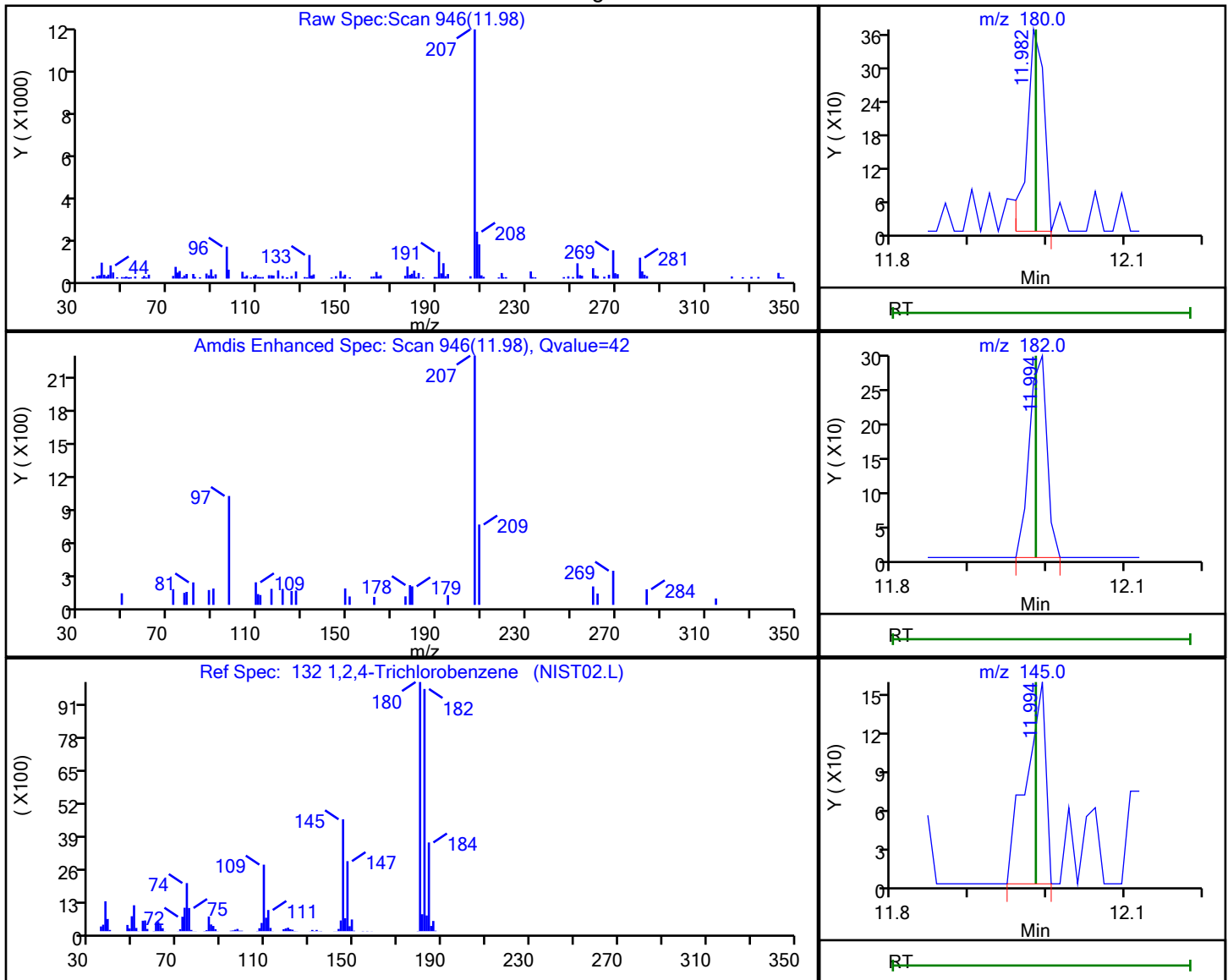
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.98	180.00	554	0.215838
11.99	182.00	458	
11.99	145.00	281	

Reviewer: K0HS, 31-Aug-2022 14:02:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

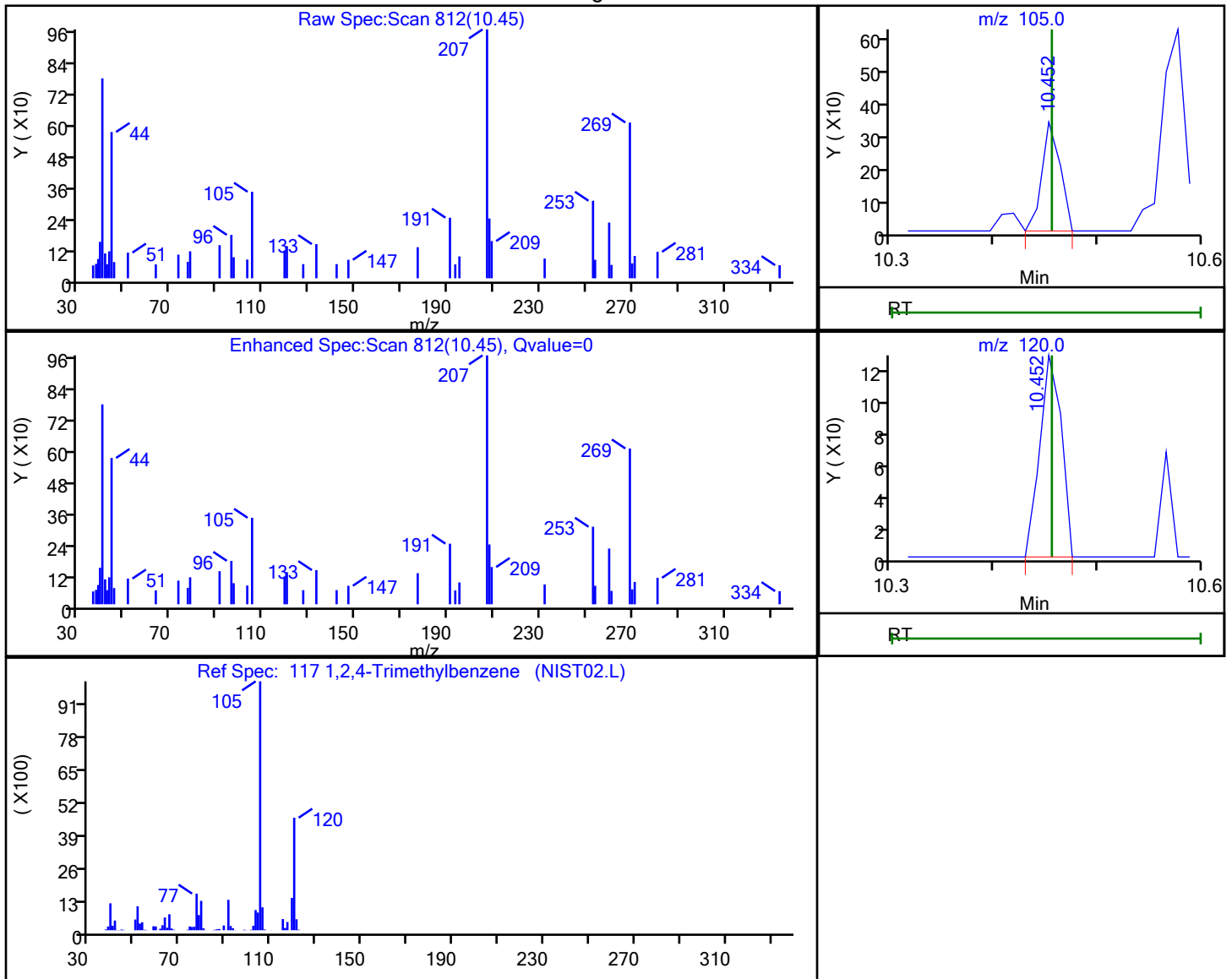
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.45	105.00	417	0.062788
10.45	120.00	182	

Reviewer: K0HS, 31-Aug-2022 14:02:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

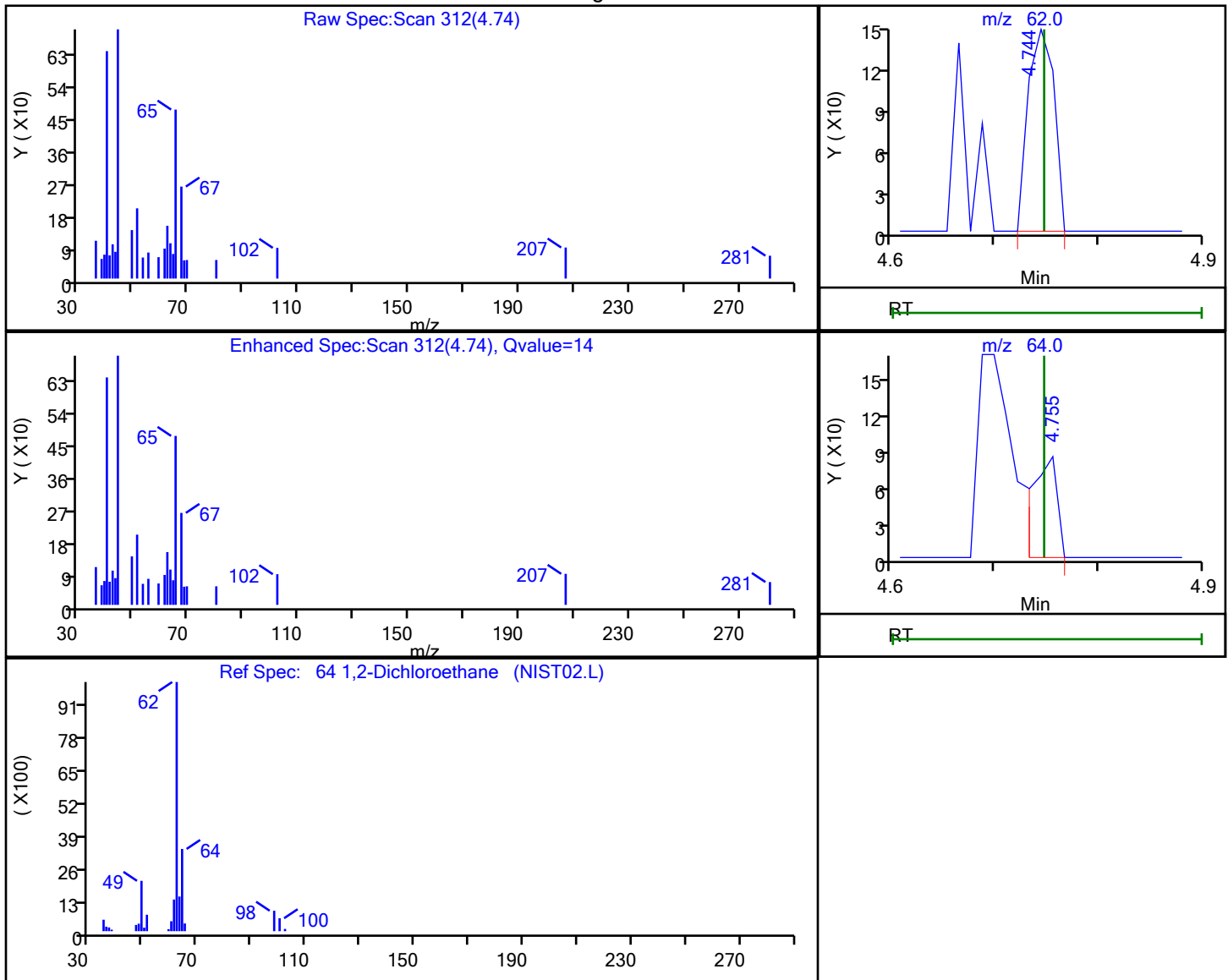
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.74	62.00	260	0.073632
4.76	64.00	145	

Reviewer: K0HS, 31-Aug-2022 14:02:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

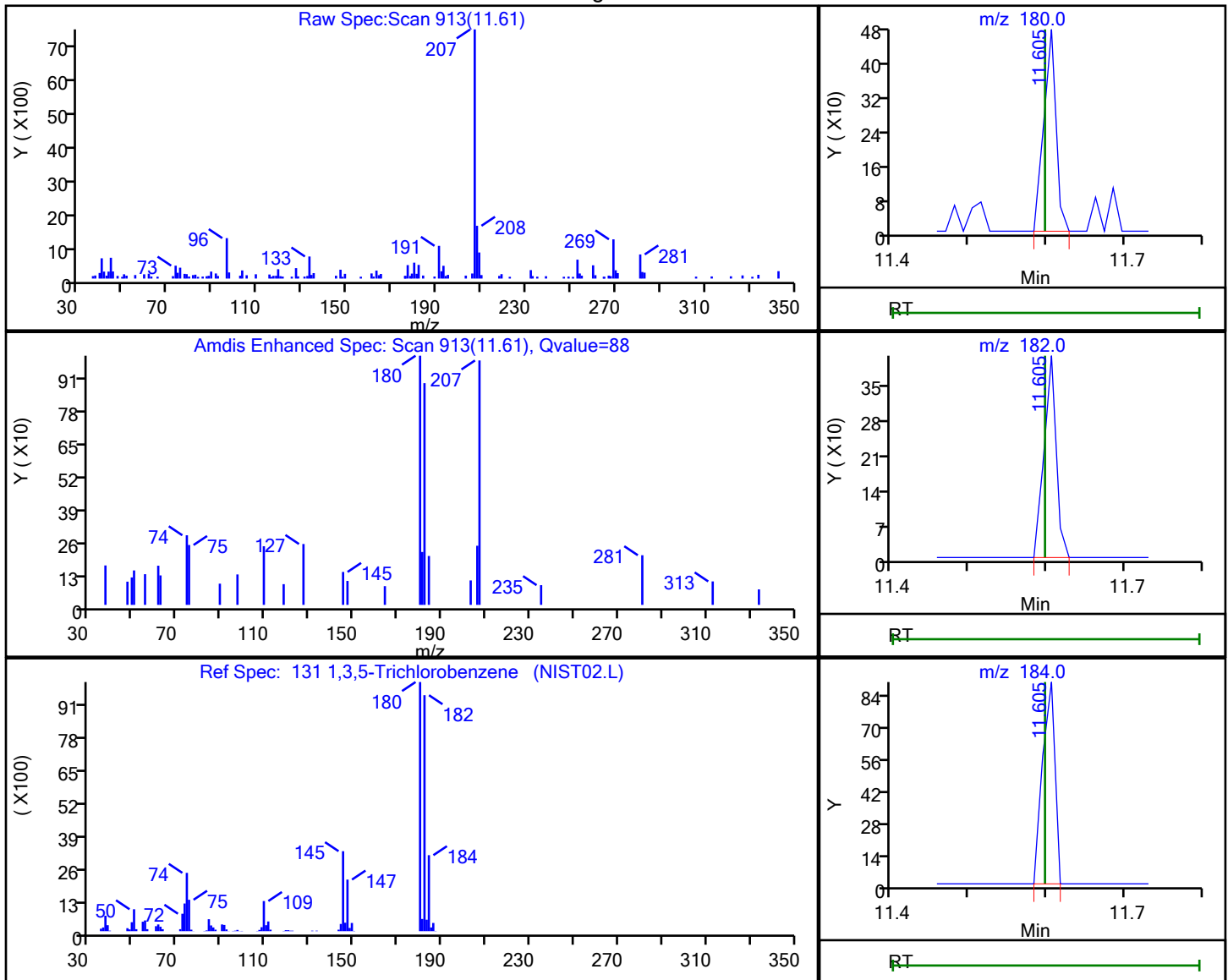
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.61	180.00	523	0.146498
11.61	182.00	447	
11.61	184.00	101	

Reviewer: K0HS, 31-Aug-2022 14:02:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

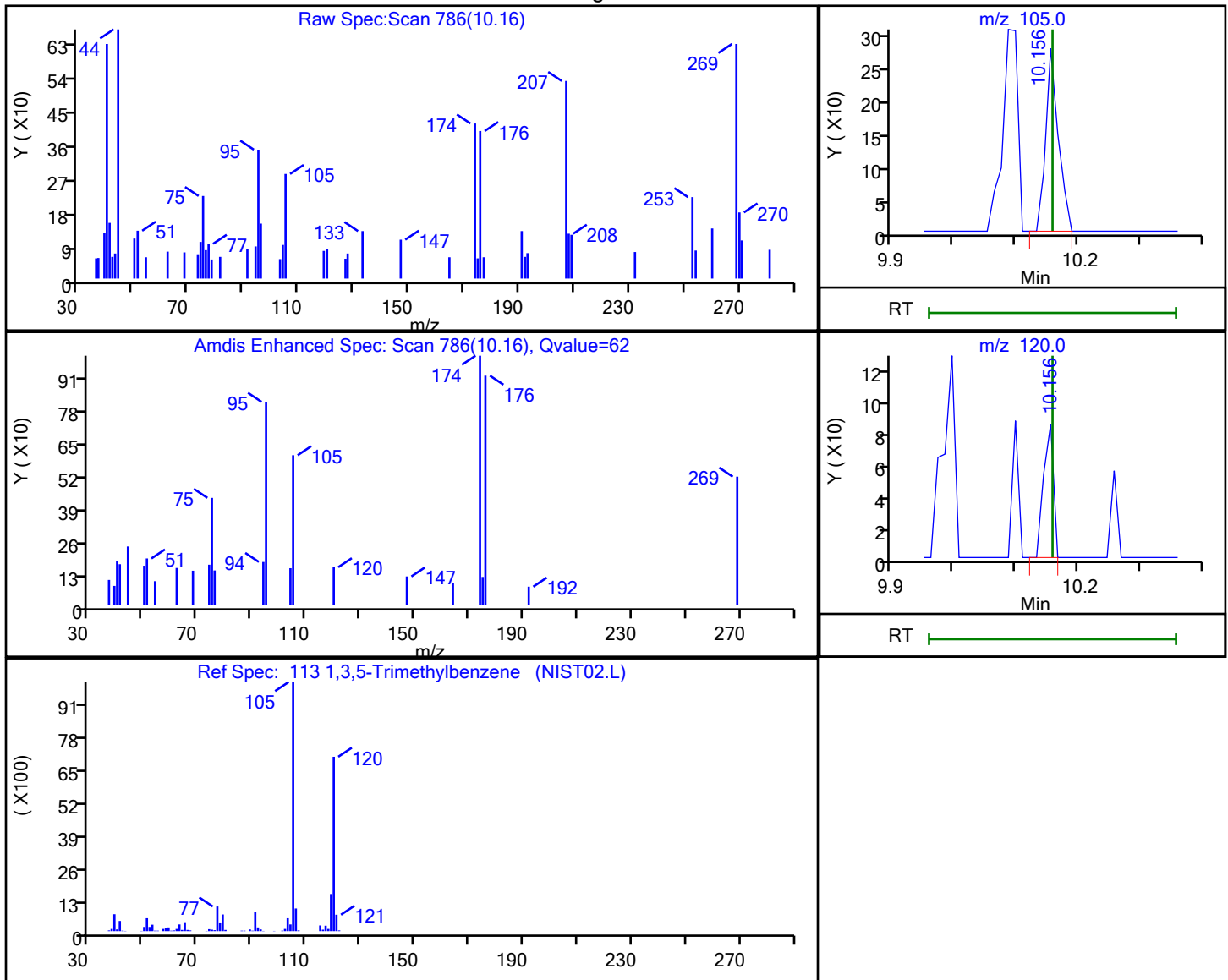
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.16	105.00	397	0.061133
10.16	120.00	89	

Reviewer: K0HS, 31-Aug-2022 14:02:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

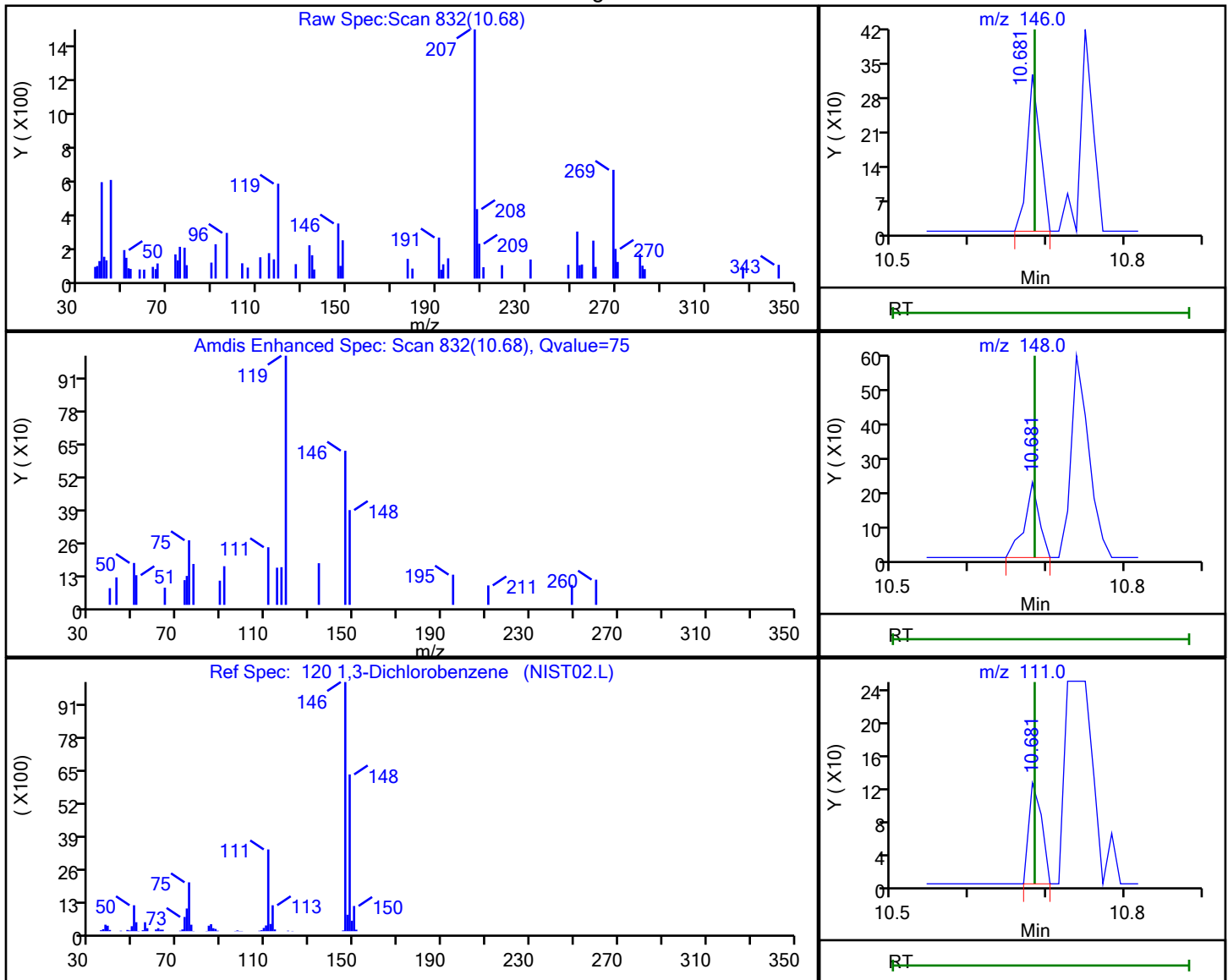
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.68	146.00	371	0.094979
10.68	148.00	299	
10.68	111.00	143	

Reviewer: K0HS, 31-Aug-2022 14:02:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

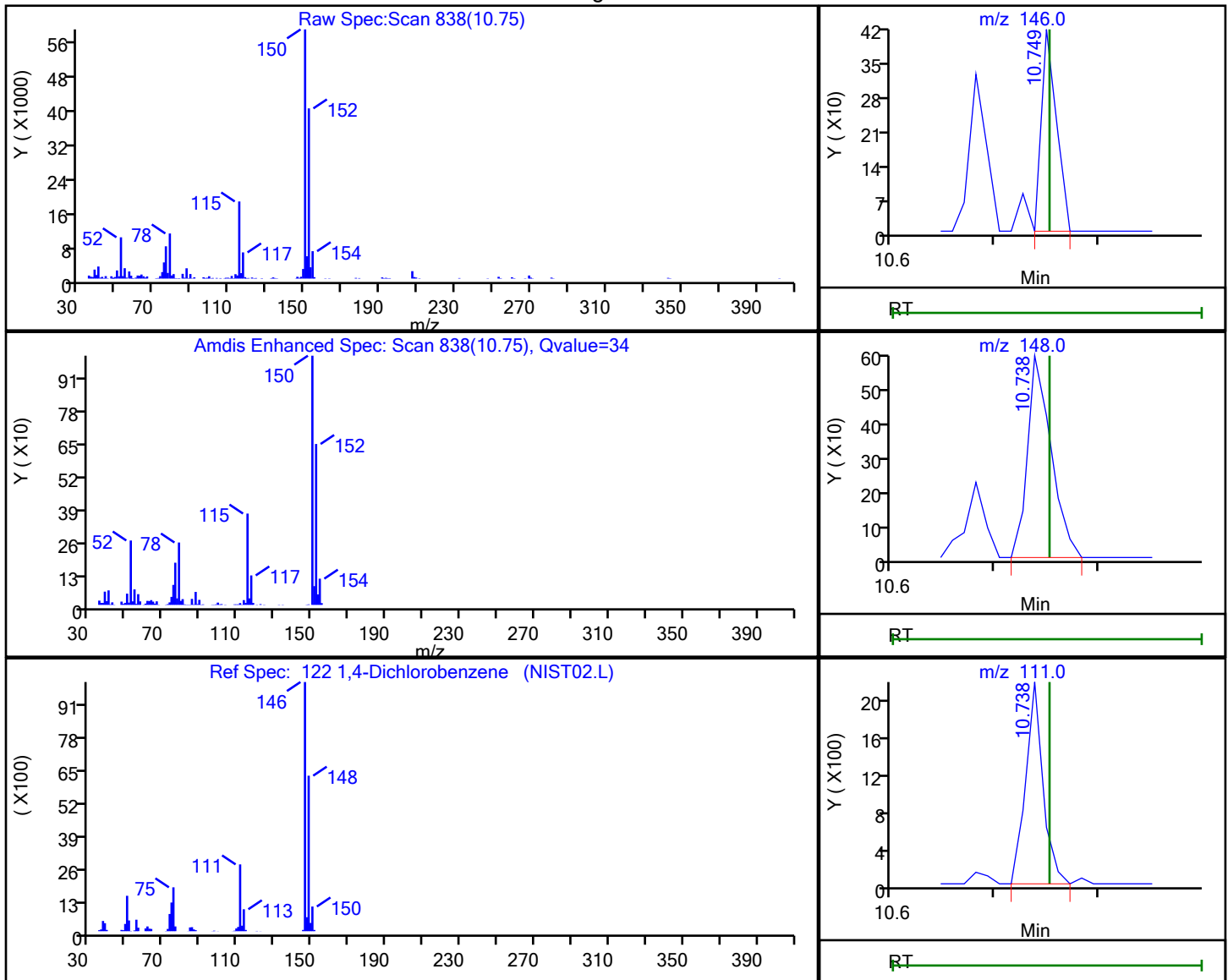
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.75	146.00	417	0.093429
10.74	148.00	952	
10.74	111.00	2524	

Reviewer: K0HS, 31-Aug-2022 14:02:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

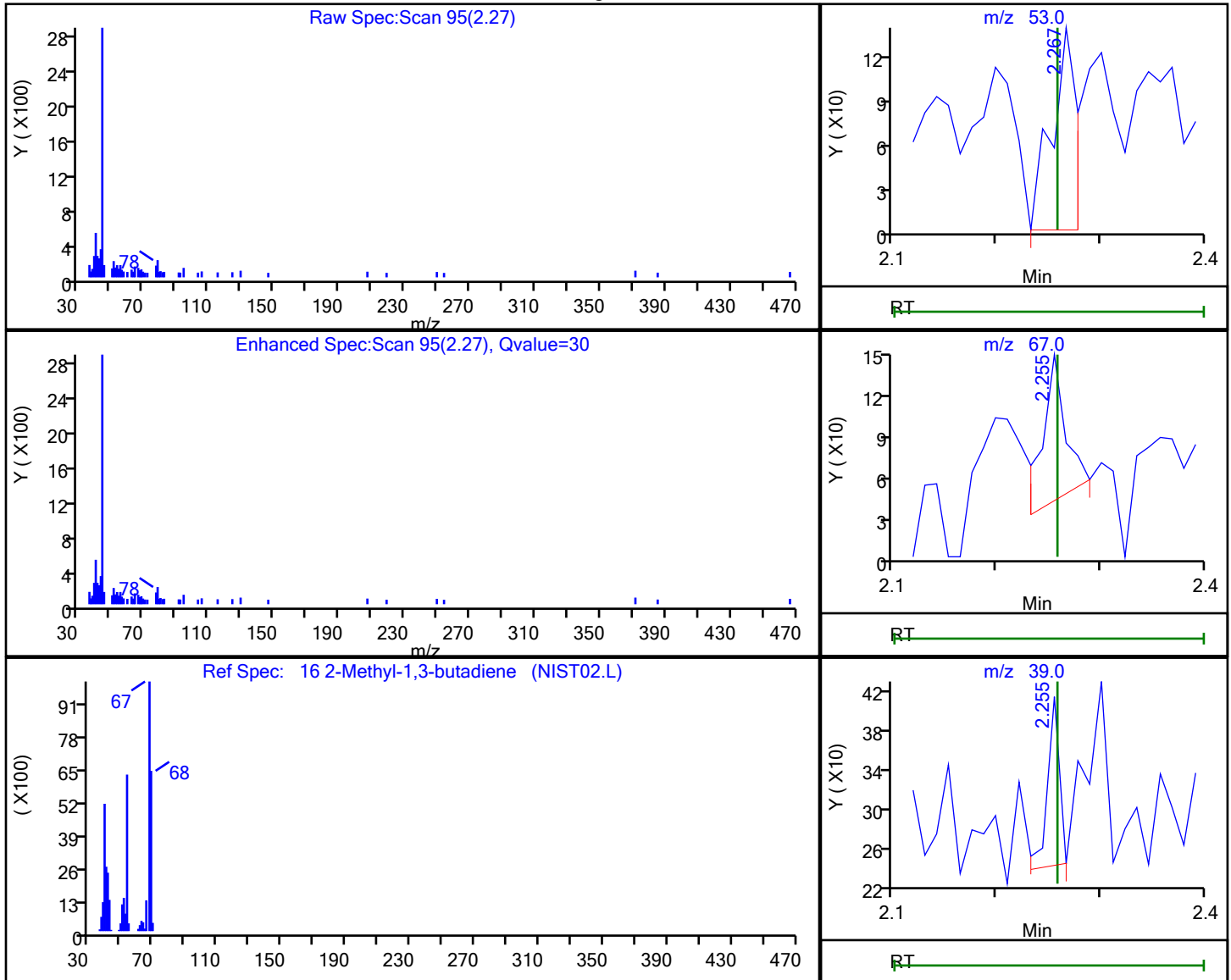
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.27	53.00	235	0.093355
2.26	67.00	164	
2.26	39.00	136	

Reviewer: K0HS, 31-Aug-2022 14:01:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

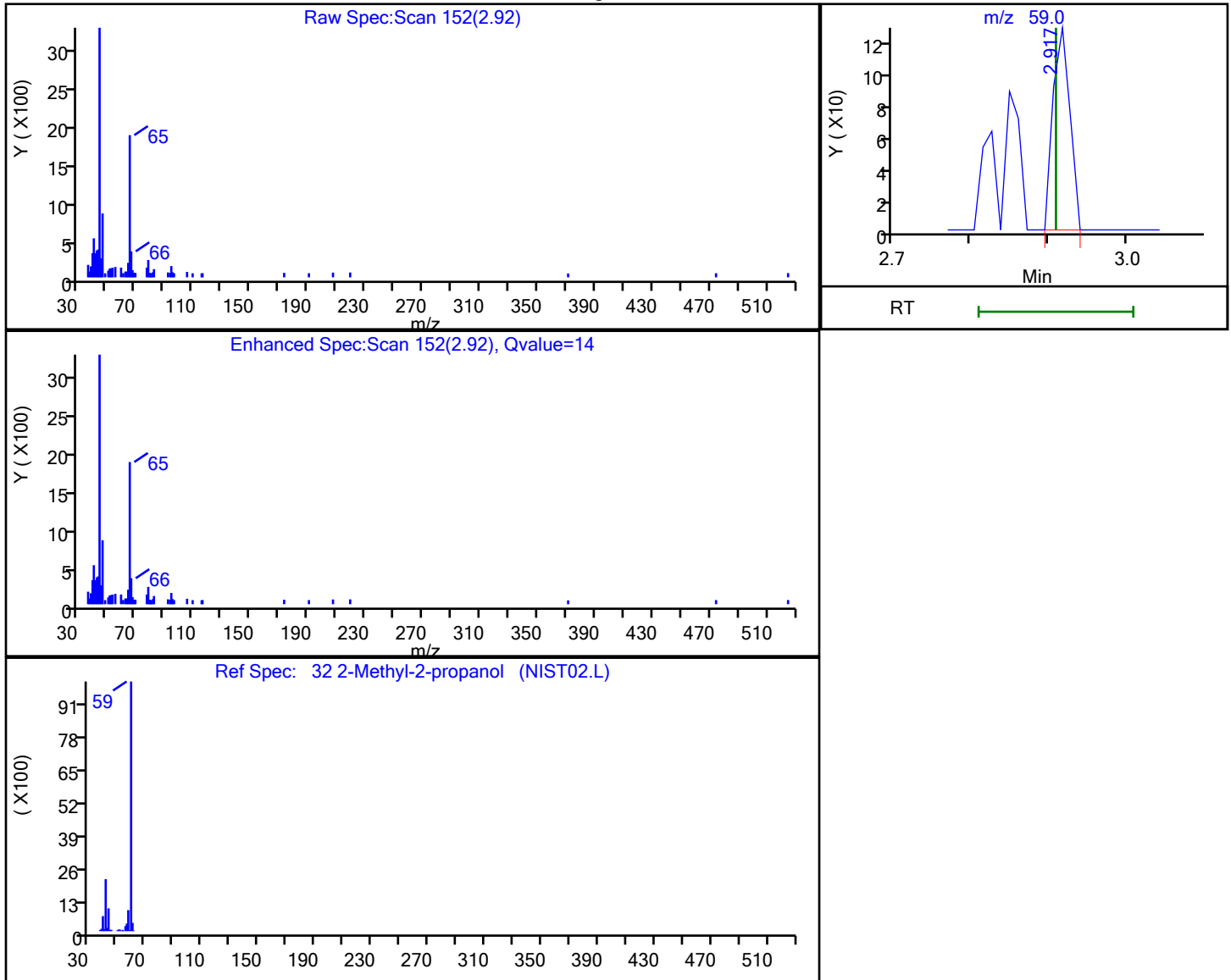
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.92	59.00	193	1.371742

Reviewer: K0HS, 31-Aug-2022 14:01:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

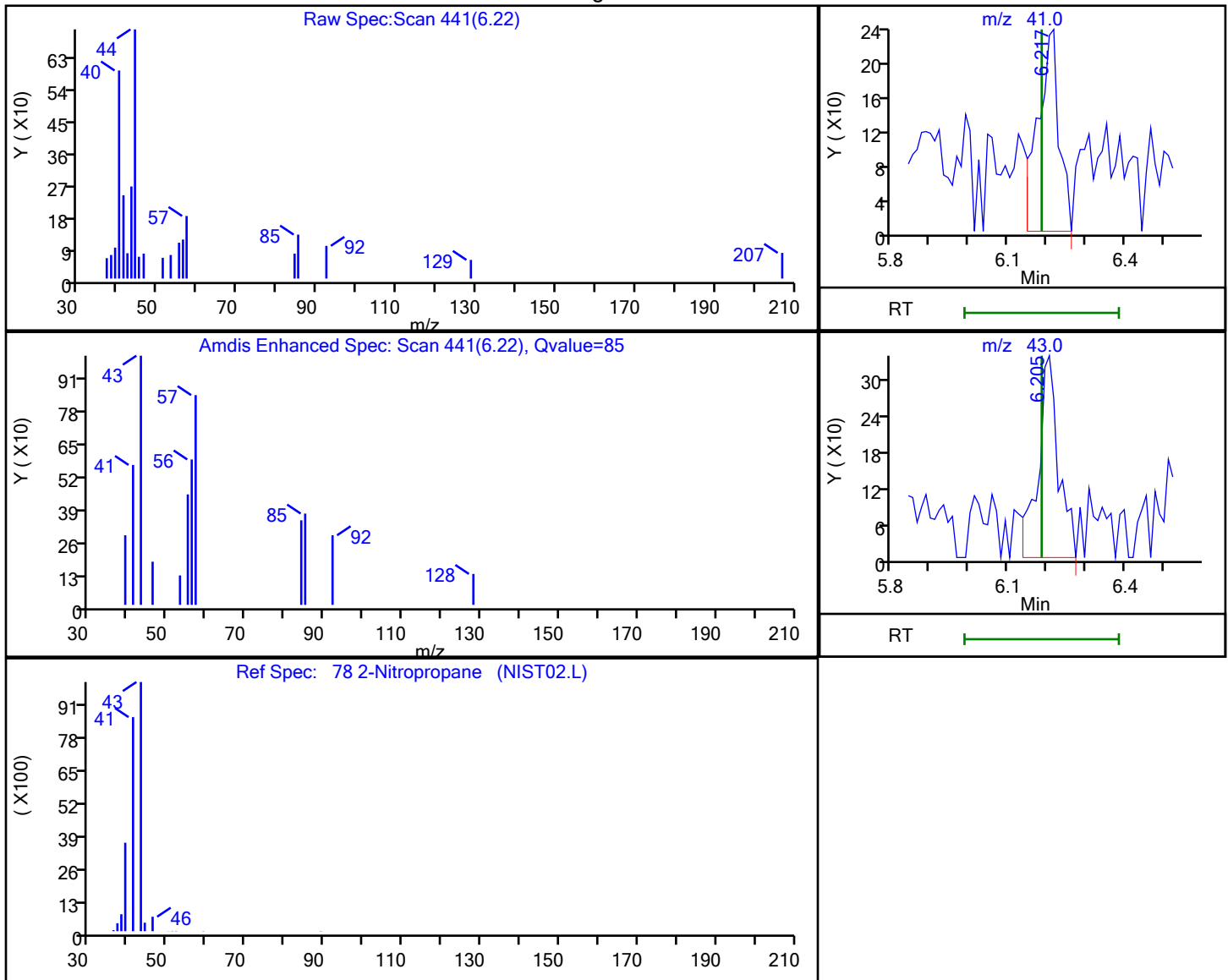
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.22	41.00	906	1.236359
6.21	43.00	1224	

Reviewer: K0HS, 31-Aug-2022 14:02:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

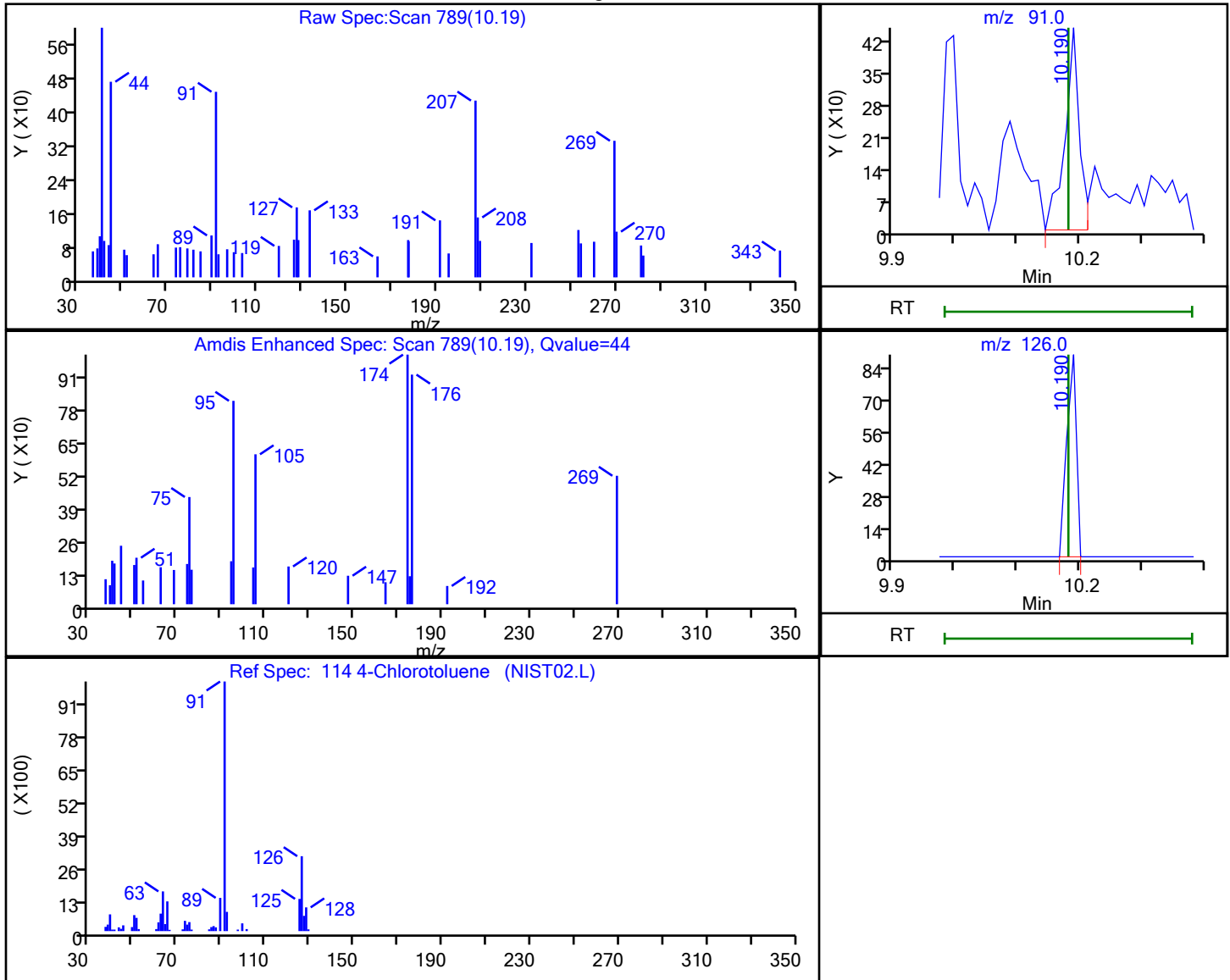
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.19	91.00	726	0.111934
10.19	126.00	97	

Reviewer: K0HS, 31-Aug-2022 14:02:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

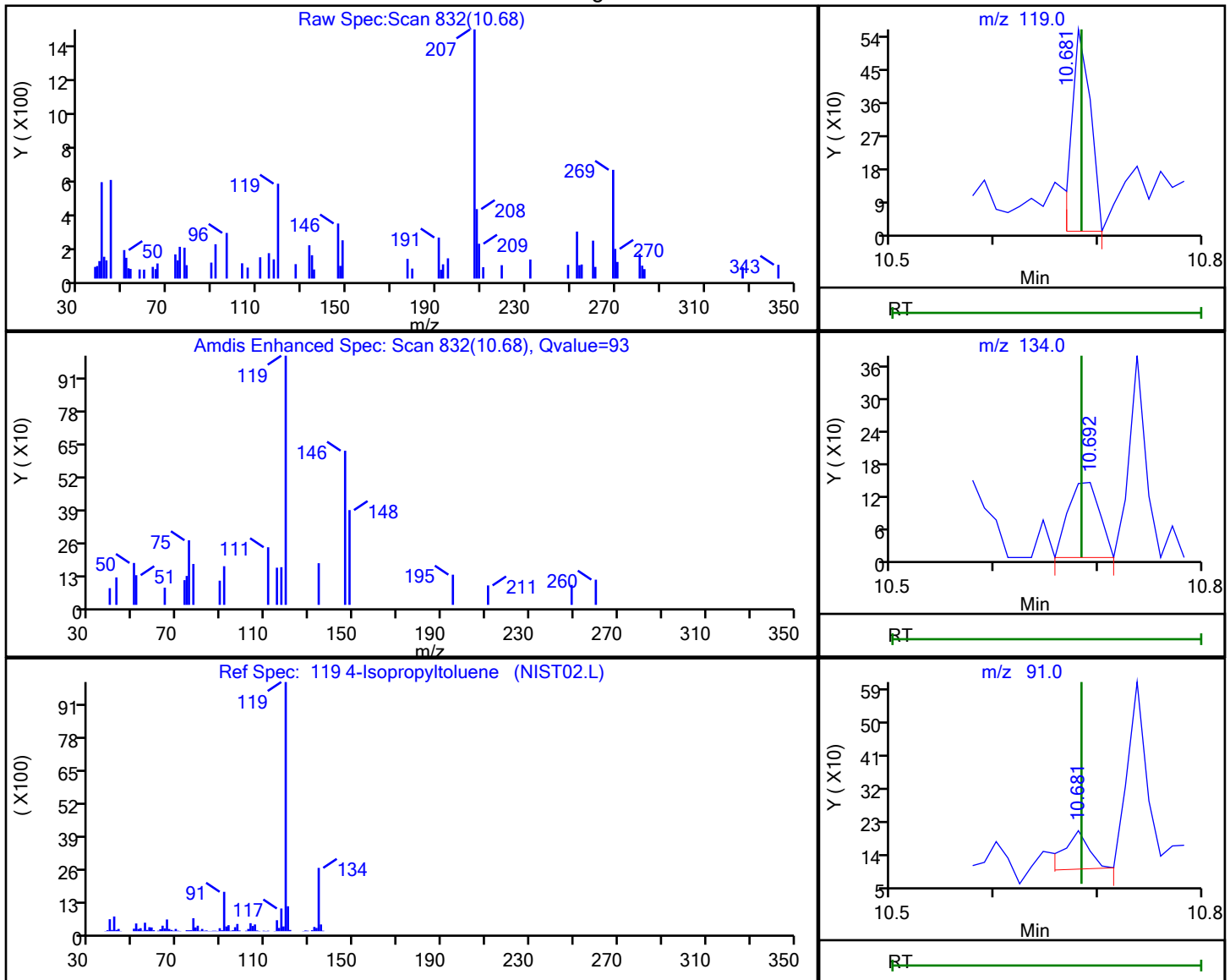
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.68	119.00	701	0.110751
10.69	134.00	292	
10.68	91.00	181	

Reviewer: K0HS, 31-Aug-2022 14:02:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

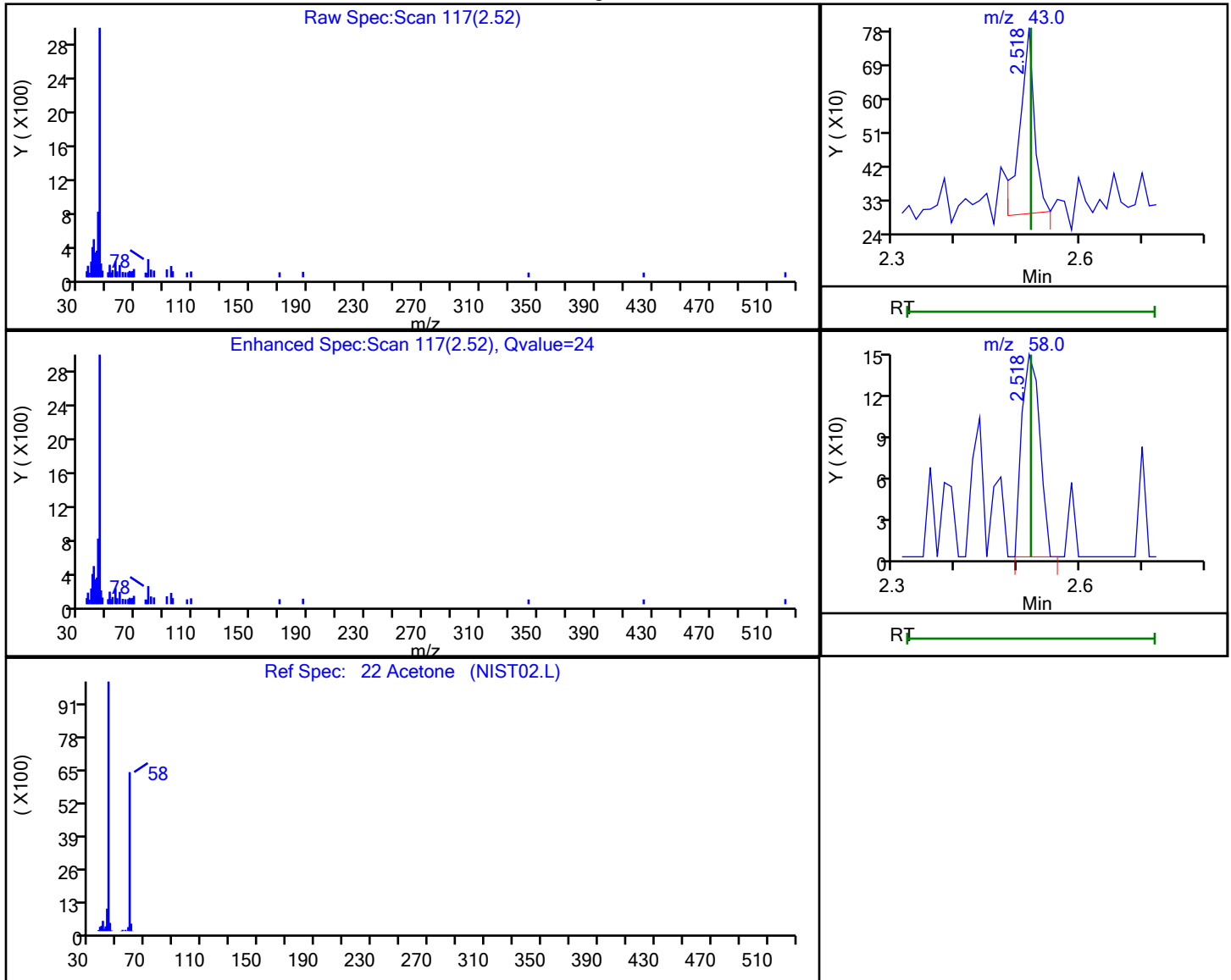
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.52	43.00	804	0.844078
2.52	58.00	296	

Reviewer: K0HS, 31-Aug-2022 14:01:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

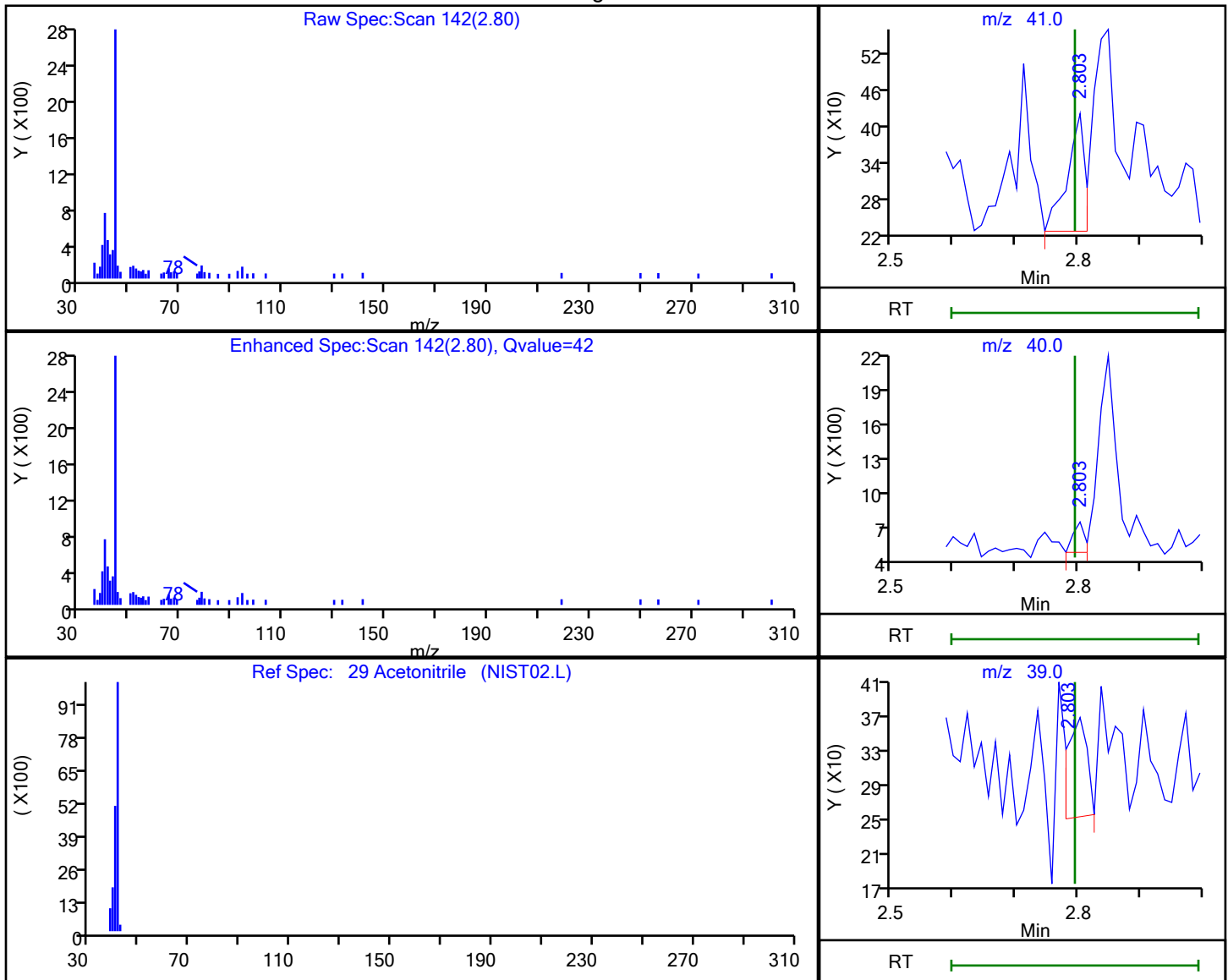
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.80	41.00	389	1.575283
2.80	40.00	340	
2.80	39.00	252	
2.79	38.00	49	

Reviewer: K0HS, 31-Aug-2022 14:01:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

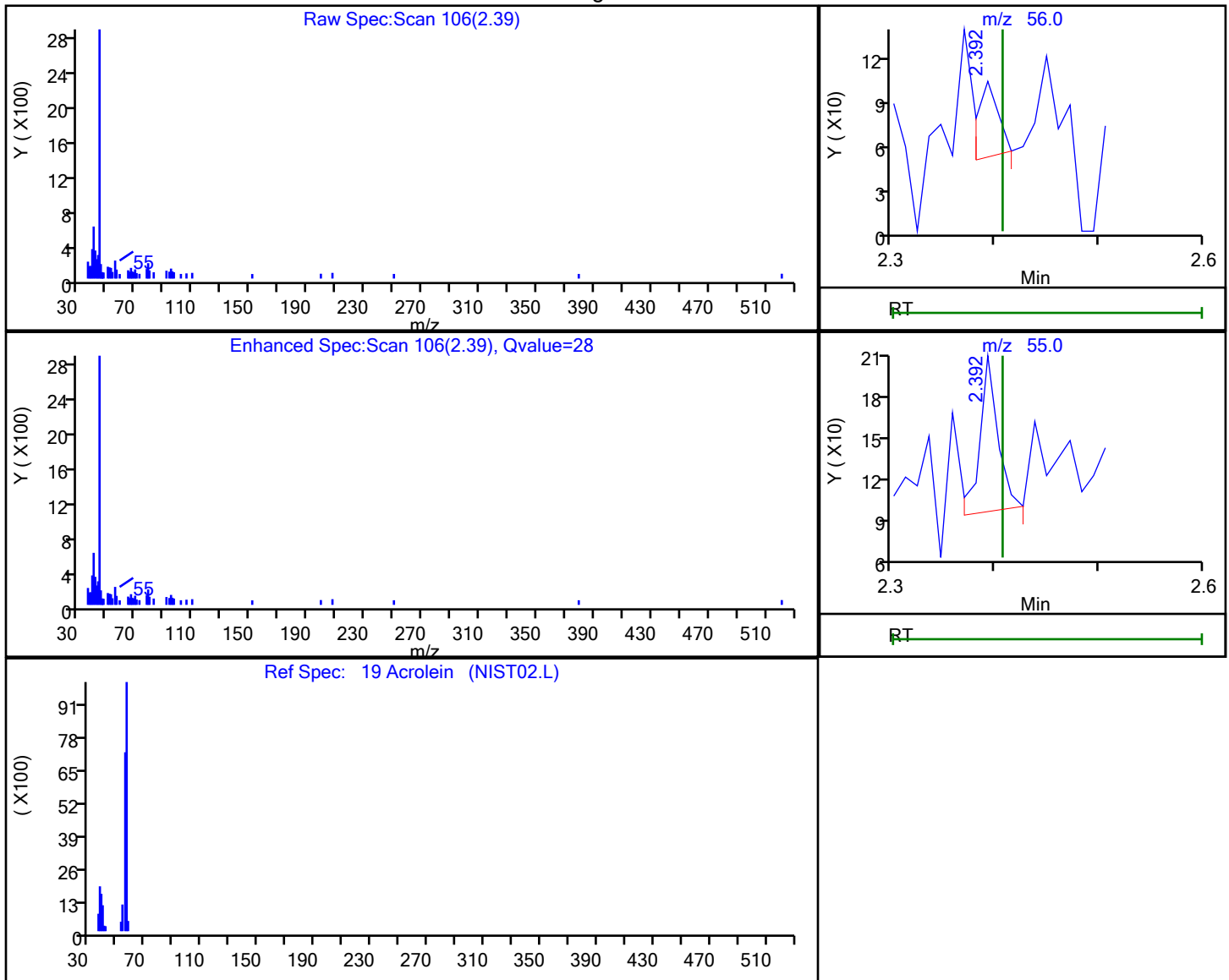
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.39	56.00	71	0.174990
2.39	55.00	130	

Reviewer: K0HS, 31-Aug-2022 14:01:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

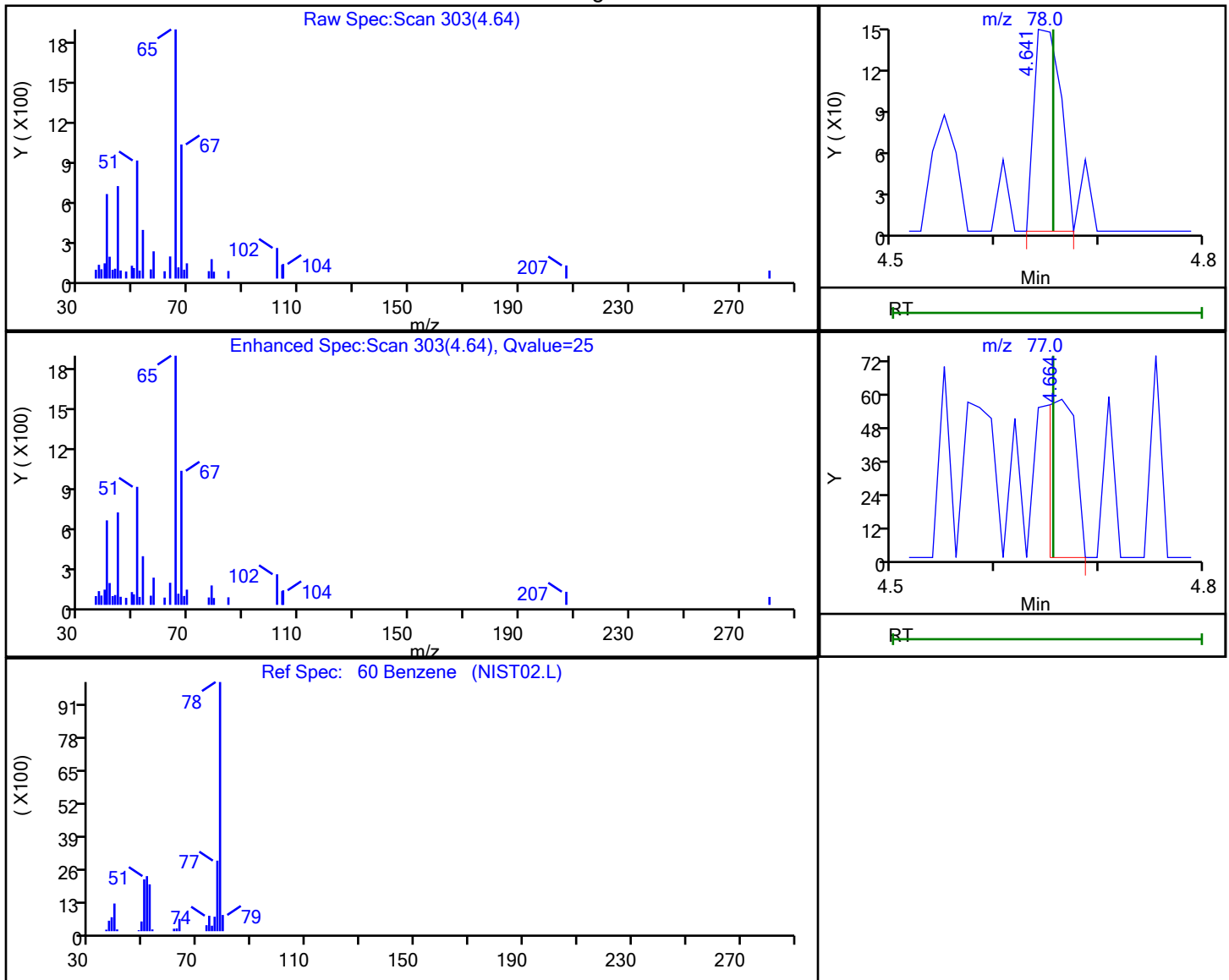
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.64	78.00	261	0.030480
4.66	77.00	114	

Reviewer: K0HS, 31-Aug-2022 14:02:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

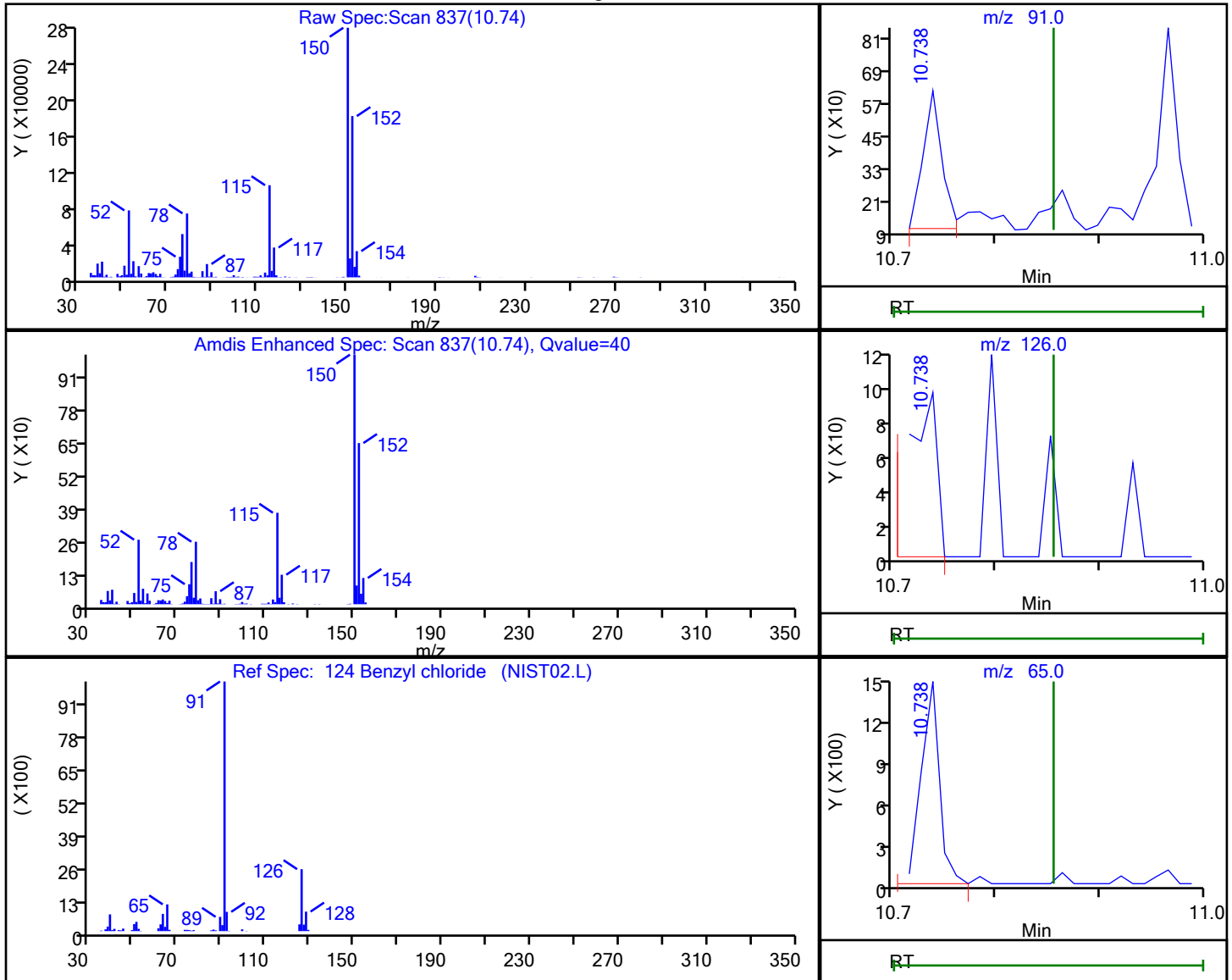
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.74	91.00	651	0.168578
10.74	126.00	153	
10.74	65.00	1779	

Reviewer: K0HS, 31-Aug-2022 14:02:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

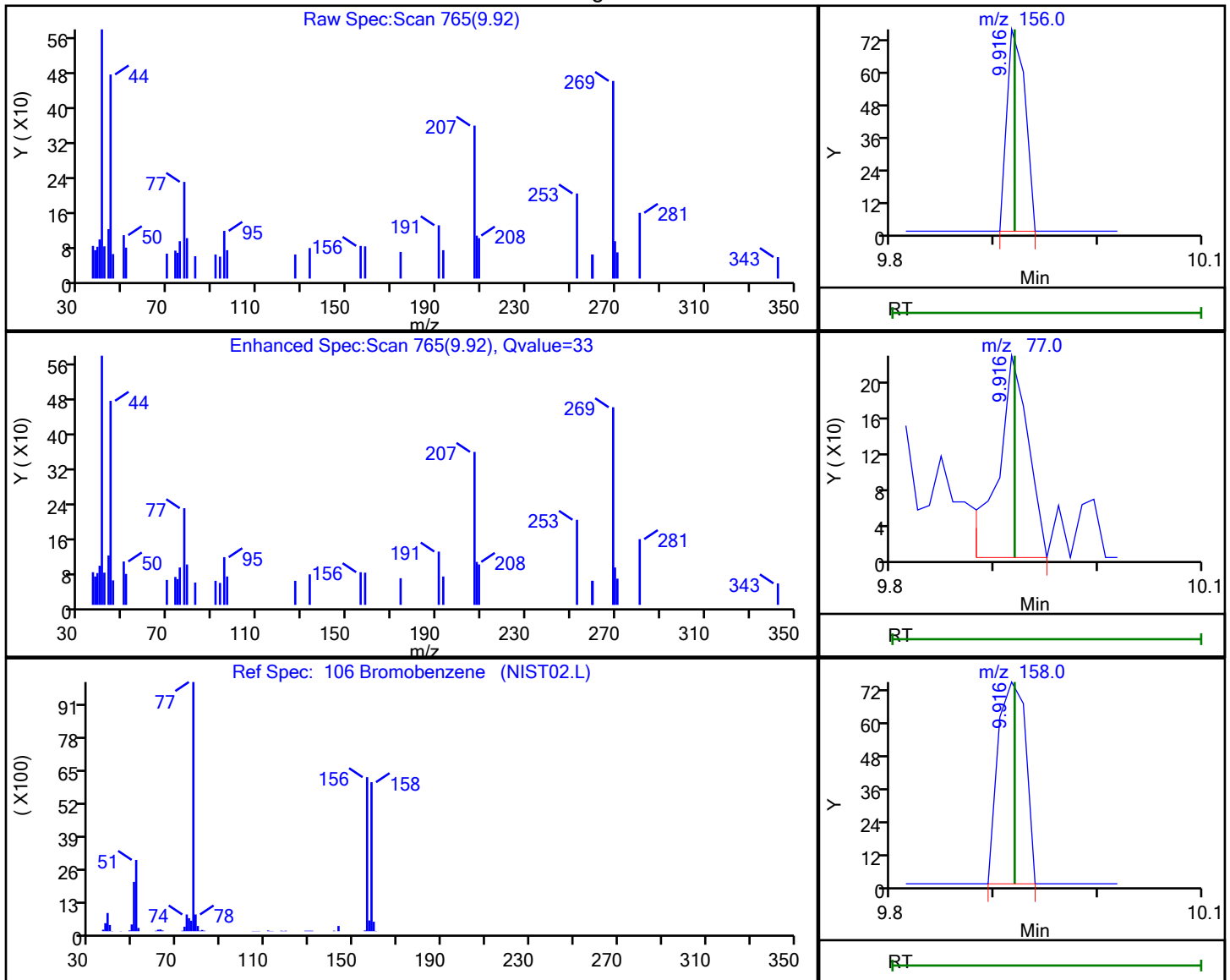
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.92	156.00	93	0.041300
9.92	77.00	466	
9.92	158.00	140	

Reviewer: K0HS, 31-Aug-2022 14:02:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

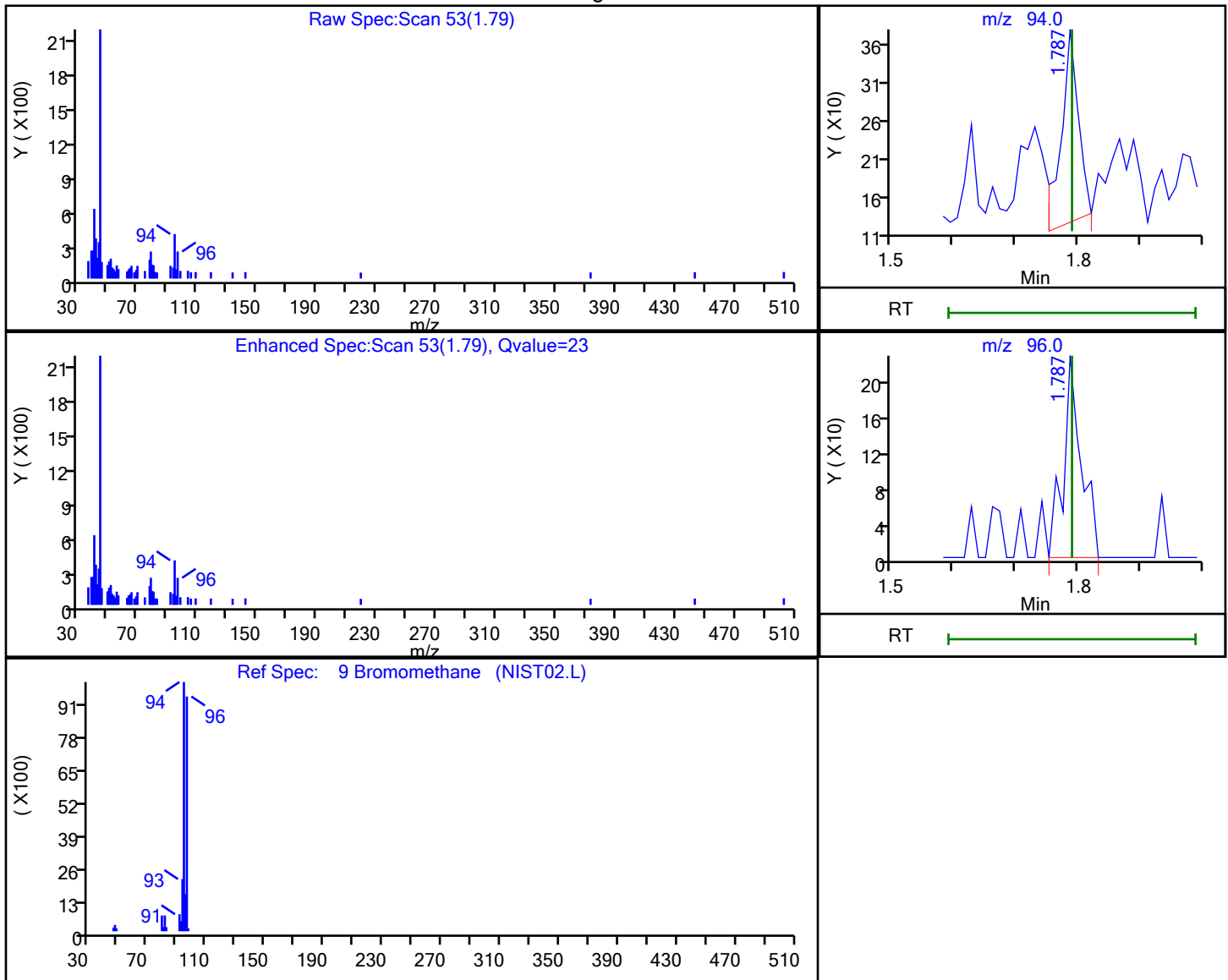
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.79	94.00	499	0.277927
1.79	96.00	461	

Reviewer: K0HS, 31-Aug-2022 14:01:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

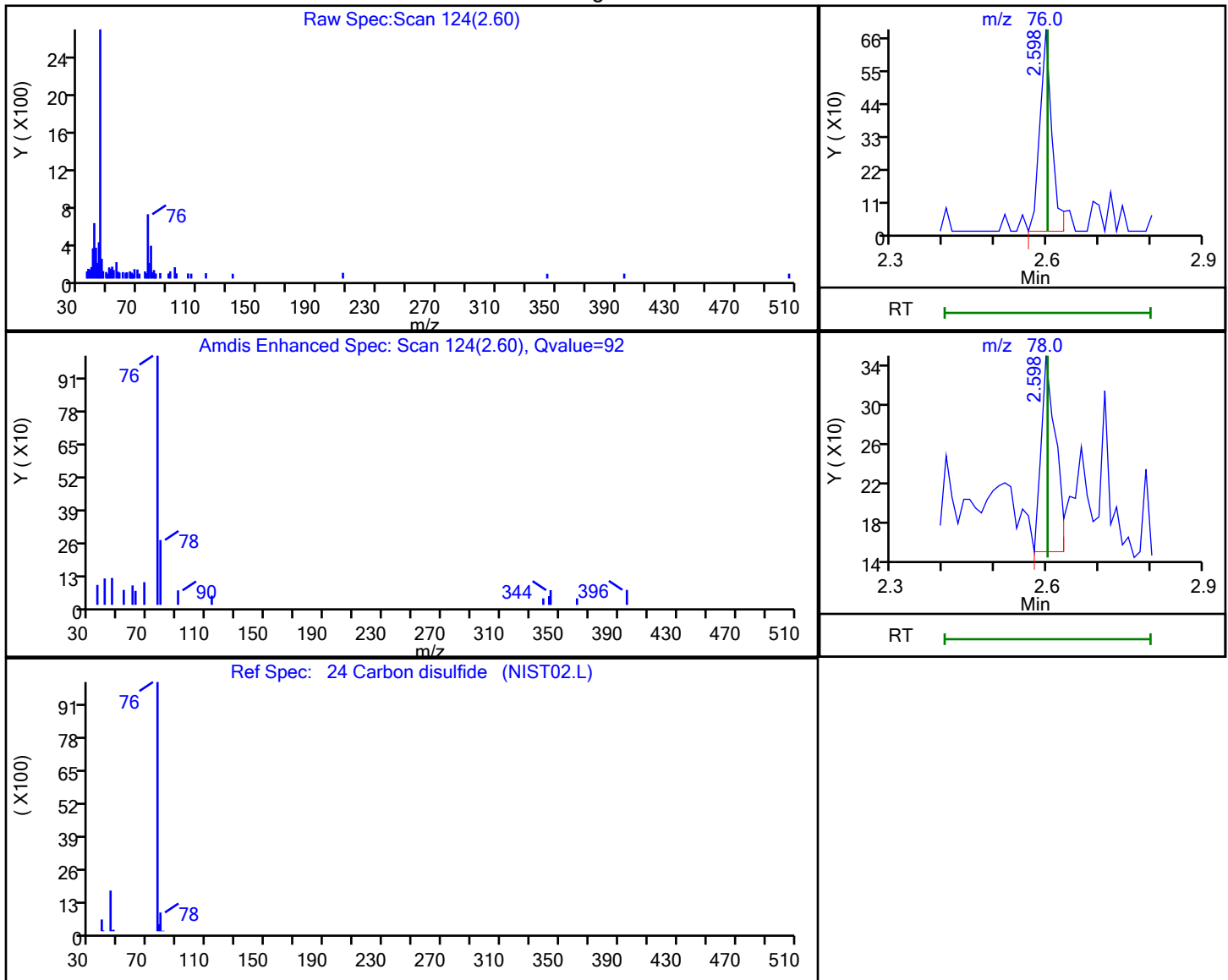
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.60	76.00	1096	0.144162
2.60	78.00	395	

Reviewer: K0HS, 31-Aug-2022 14:01:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

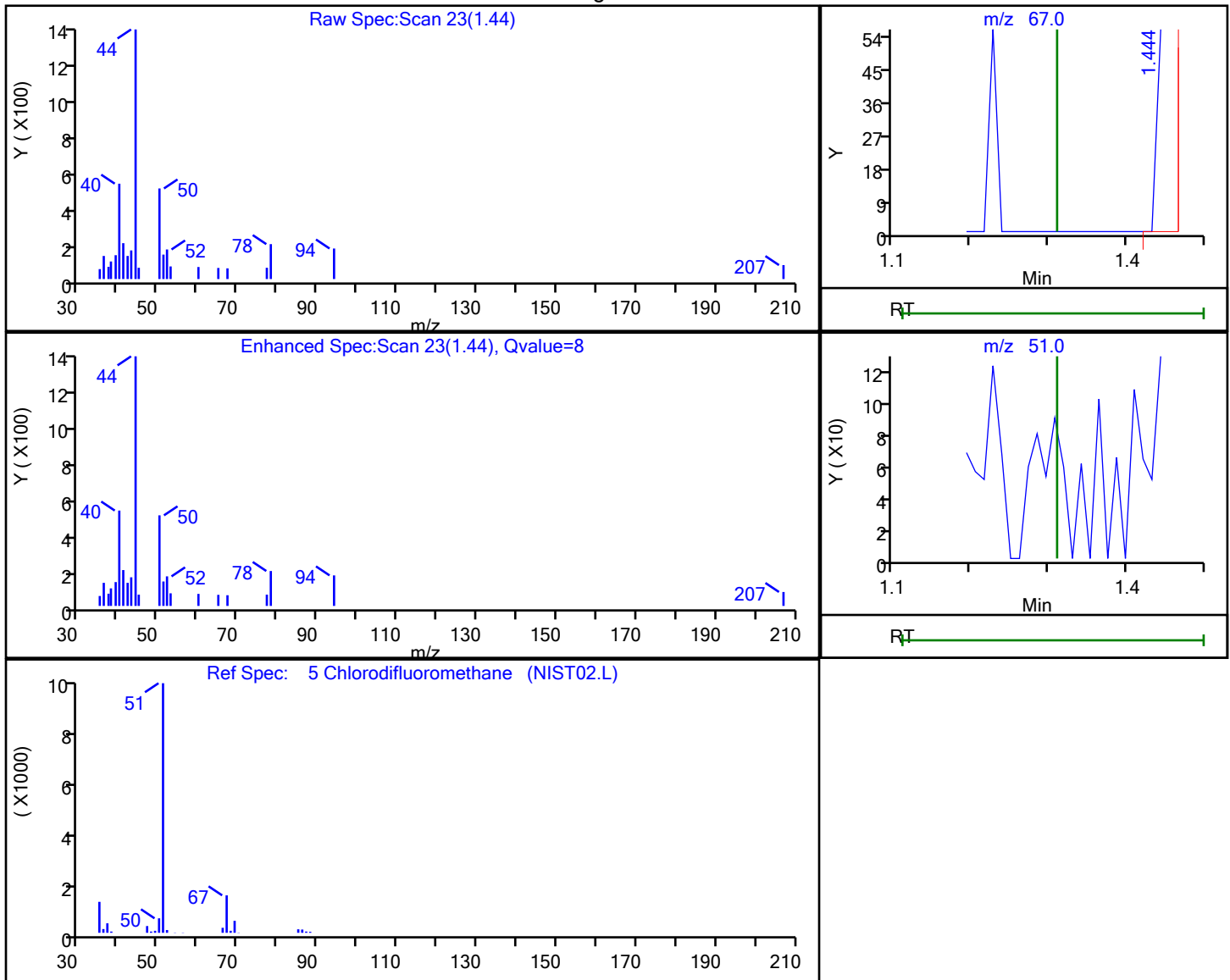
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.44	67.00	79	0.135720
1.46	51.00	819	

Reviewer: K0HS, 31-Aug-2022 14:01:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

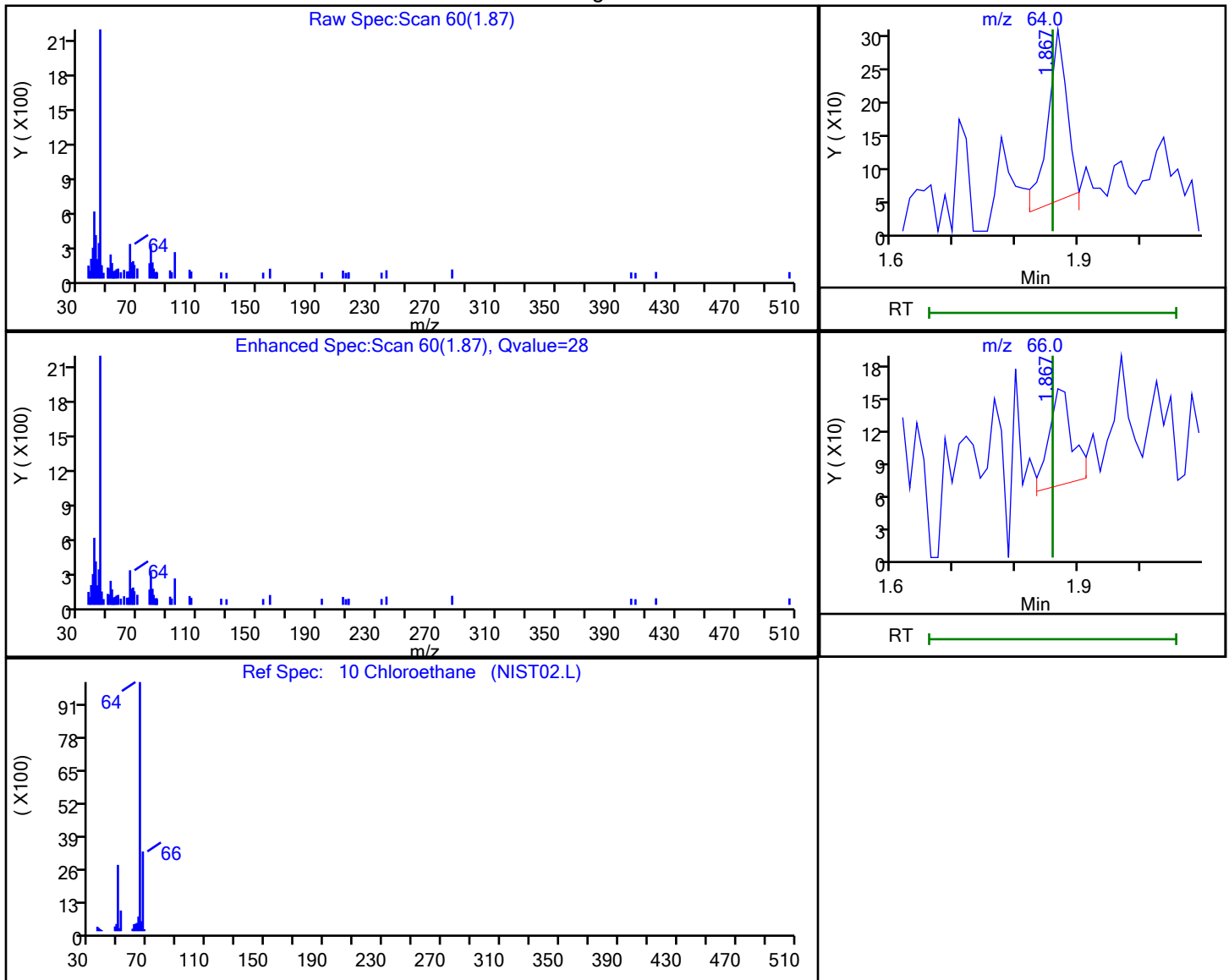
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.87	64.00	554	0.250000
1.87	66.00	235	

Reviewer: K0HS, 31-Aug-2022 14:01:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

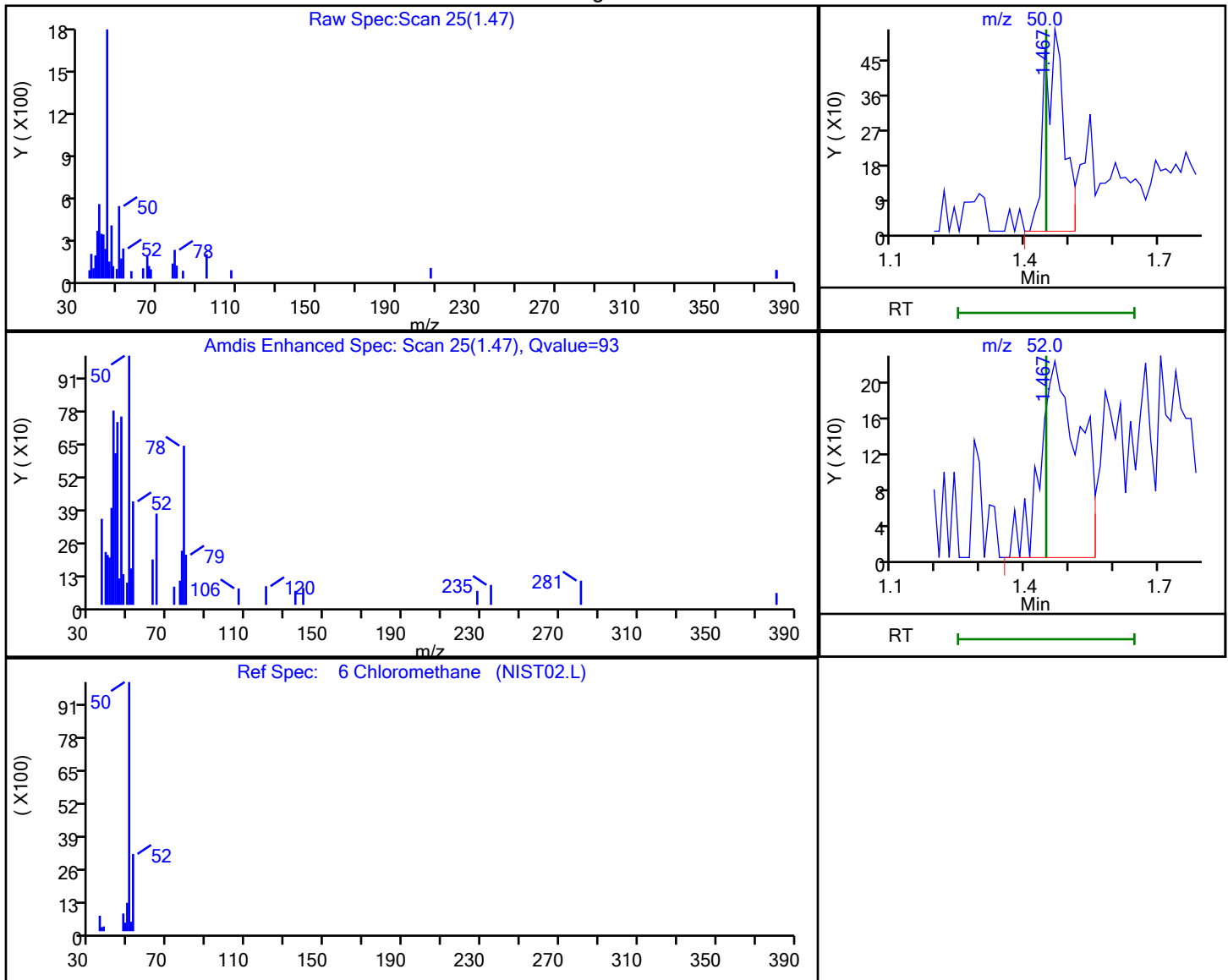
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.47	50.00	1607	0.281465
1.47	52.00	1344	

Reviewer: K0HS, 31-Aug-2022 14:01:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

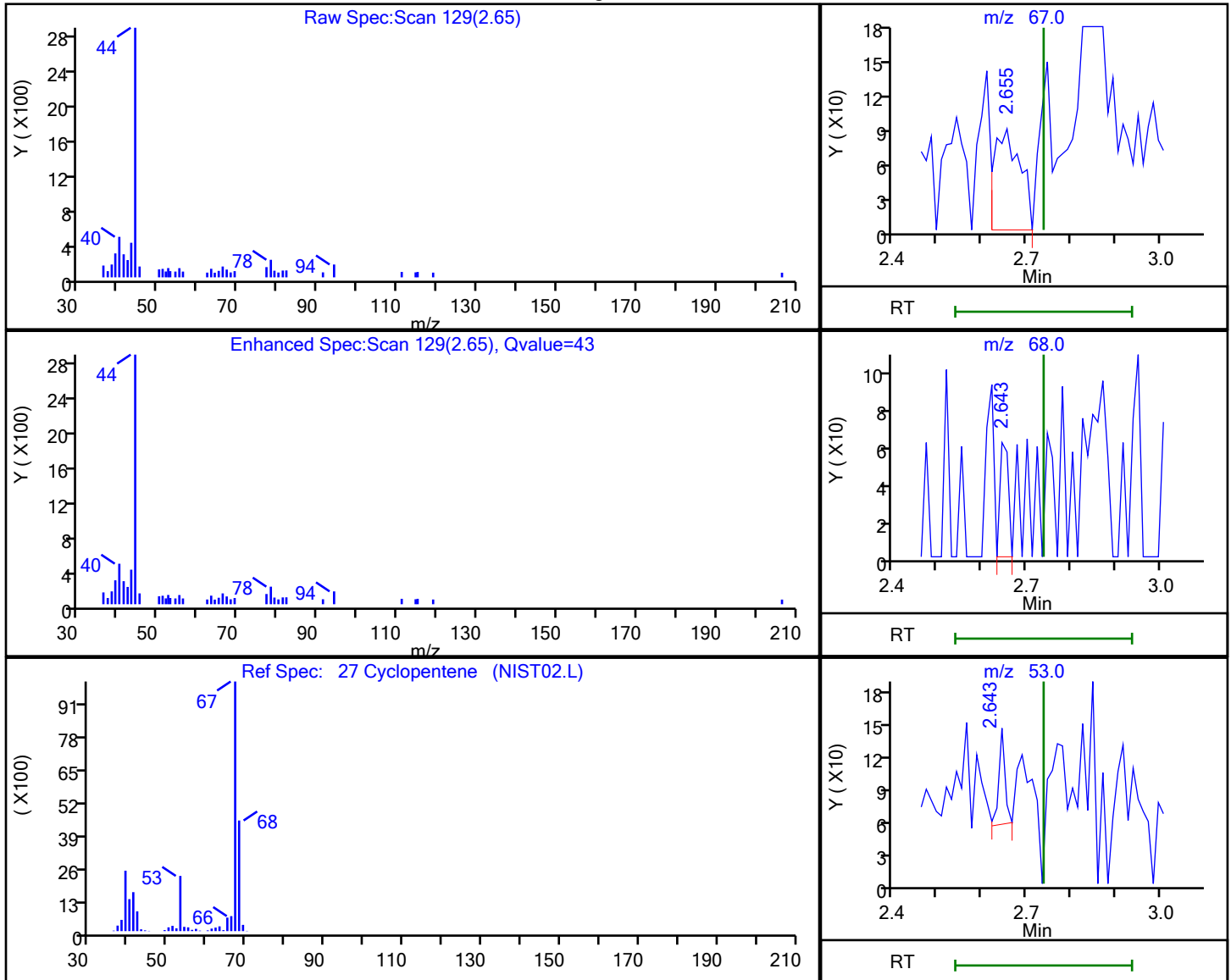
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.65	67.00	362	0.059234
2.64	68.00	80	
2.64	53.00	84	

Reviewer: K0HS, 31-Aug-2022 14:01:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

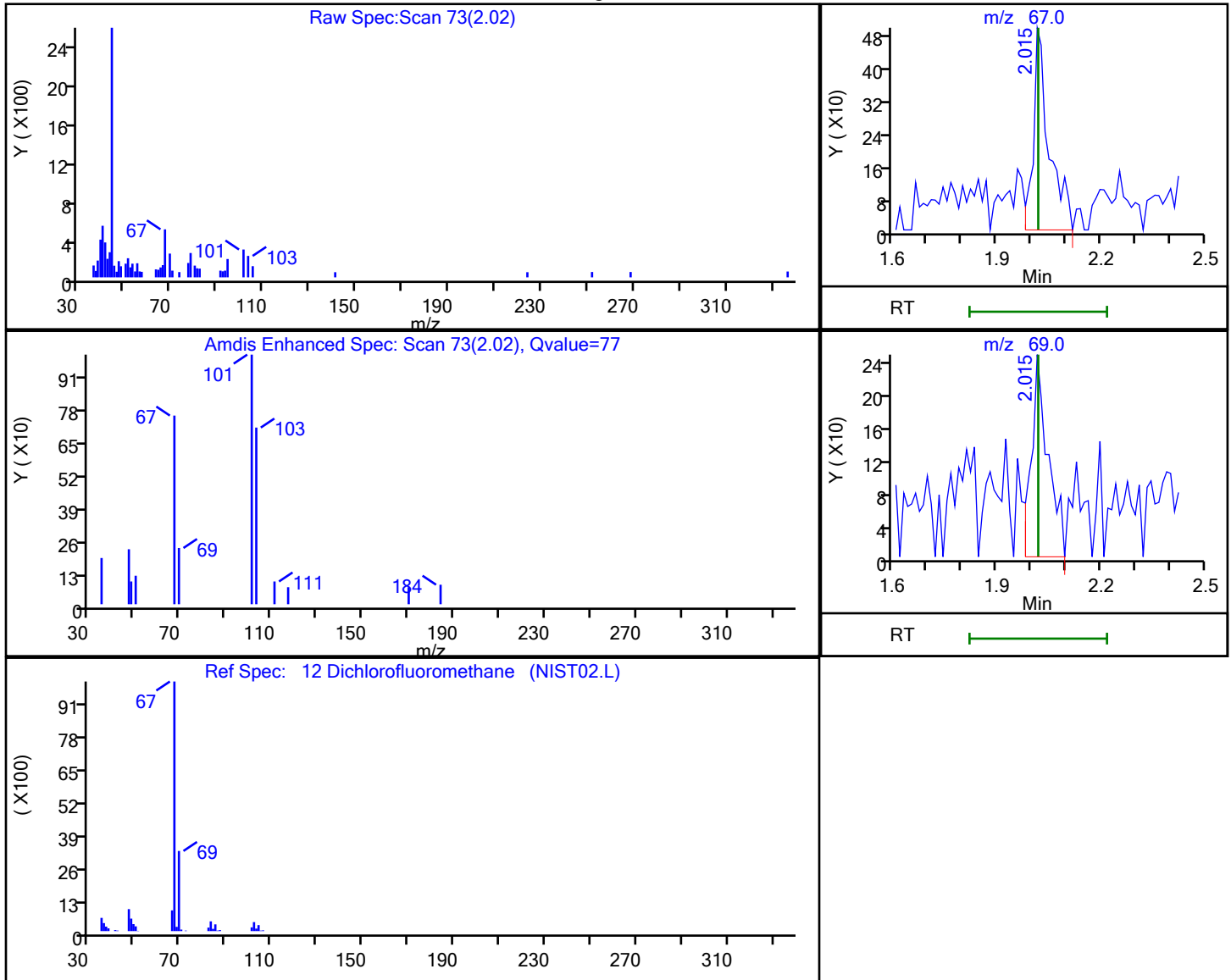
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.02	67.00	1564	0.269694
2.02	69.00	823	

Reviewer: K0HS, 31-Aug-2022 14:01:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

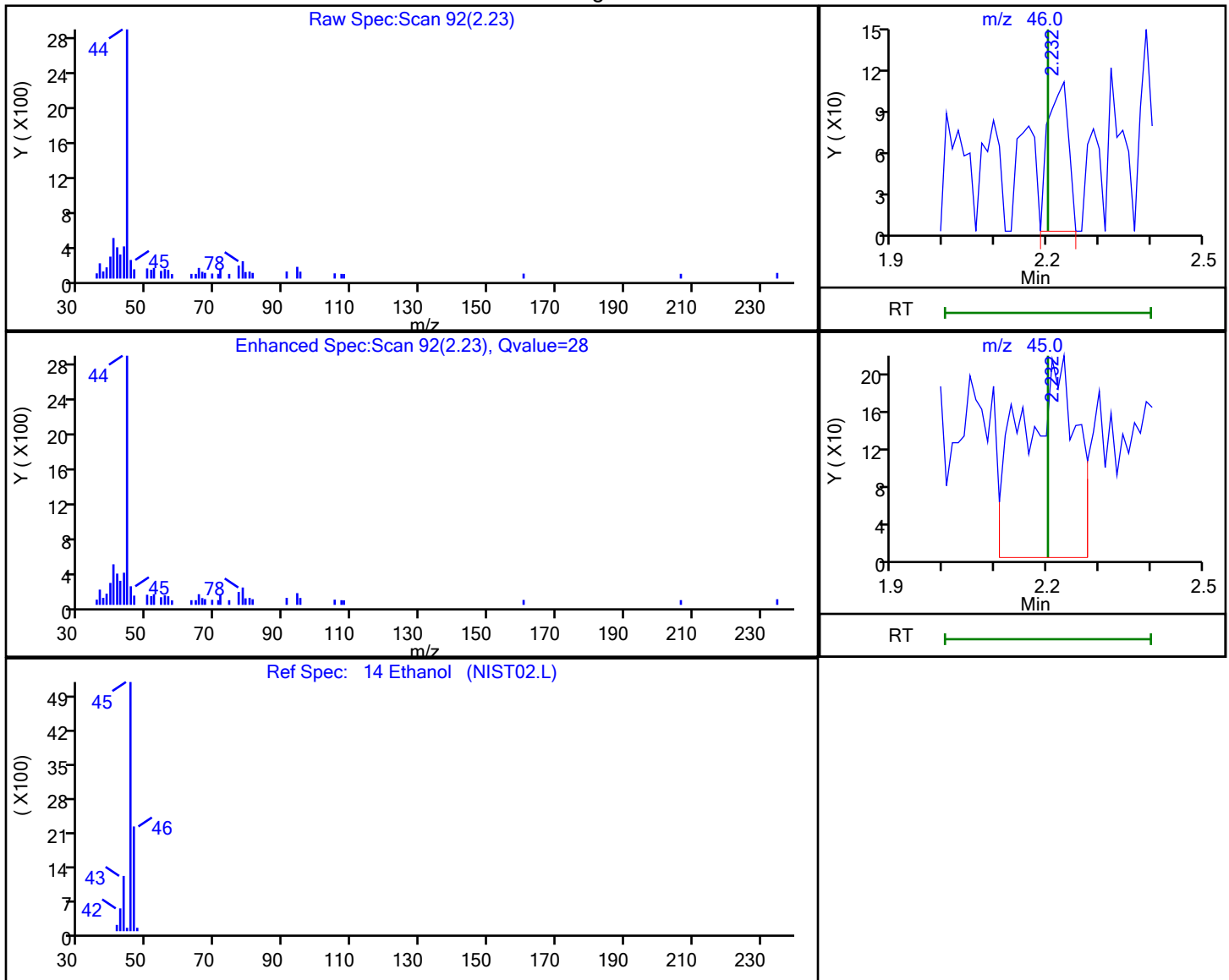
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.23	46.00	286	13.024747
2.23	45.00	1526	

Reviewer: K0HS, 31-Aug-2022 14:01:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

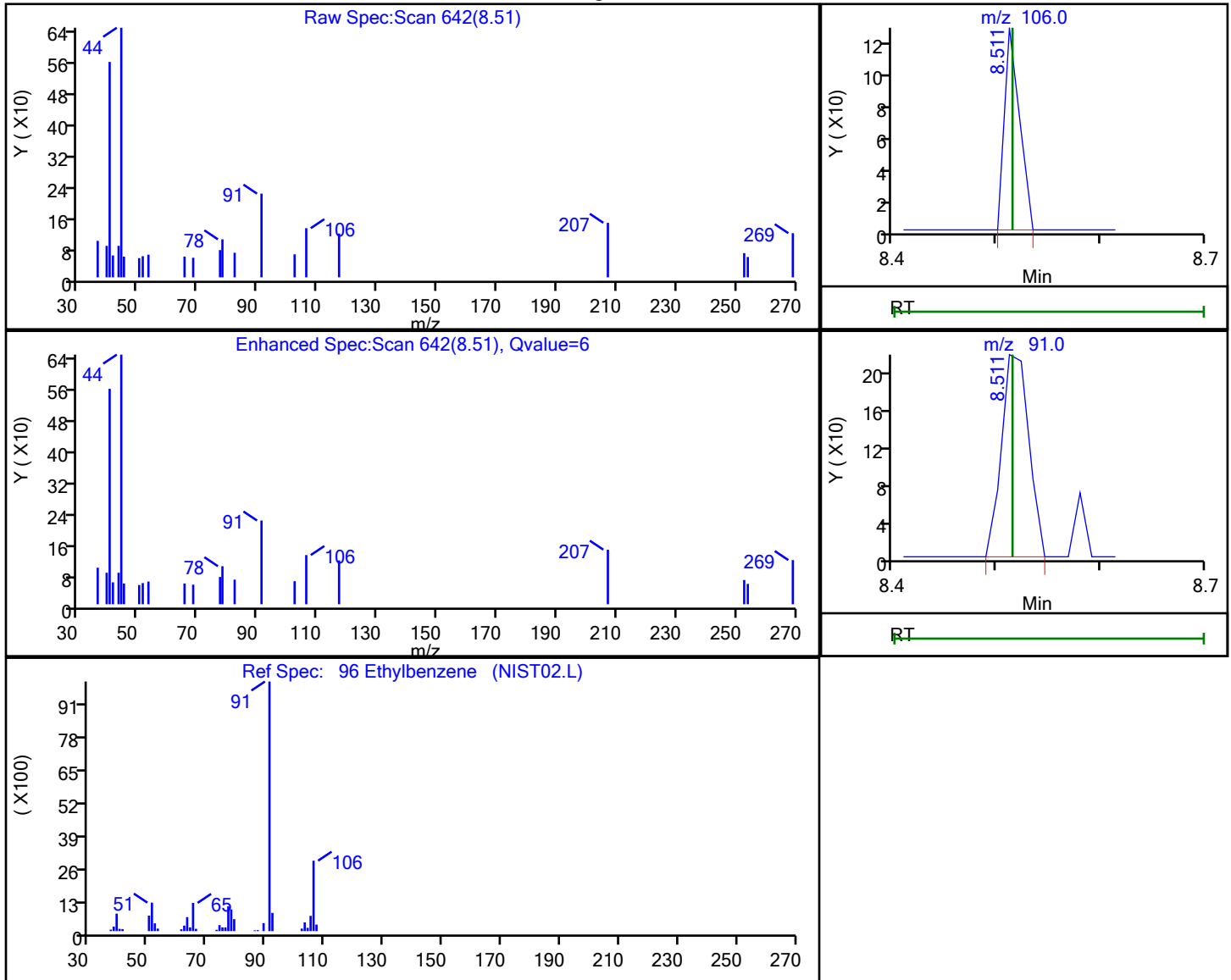
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.51	106.00	130	0.049962
8.51	91.00	401	

Reviewer: K0HS, 31-Aug-2022 14:02:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

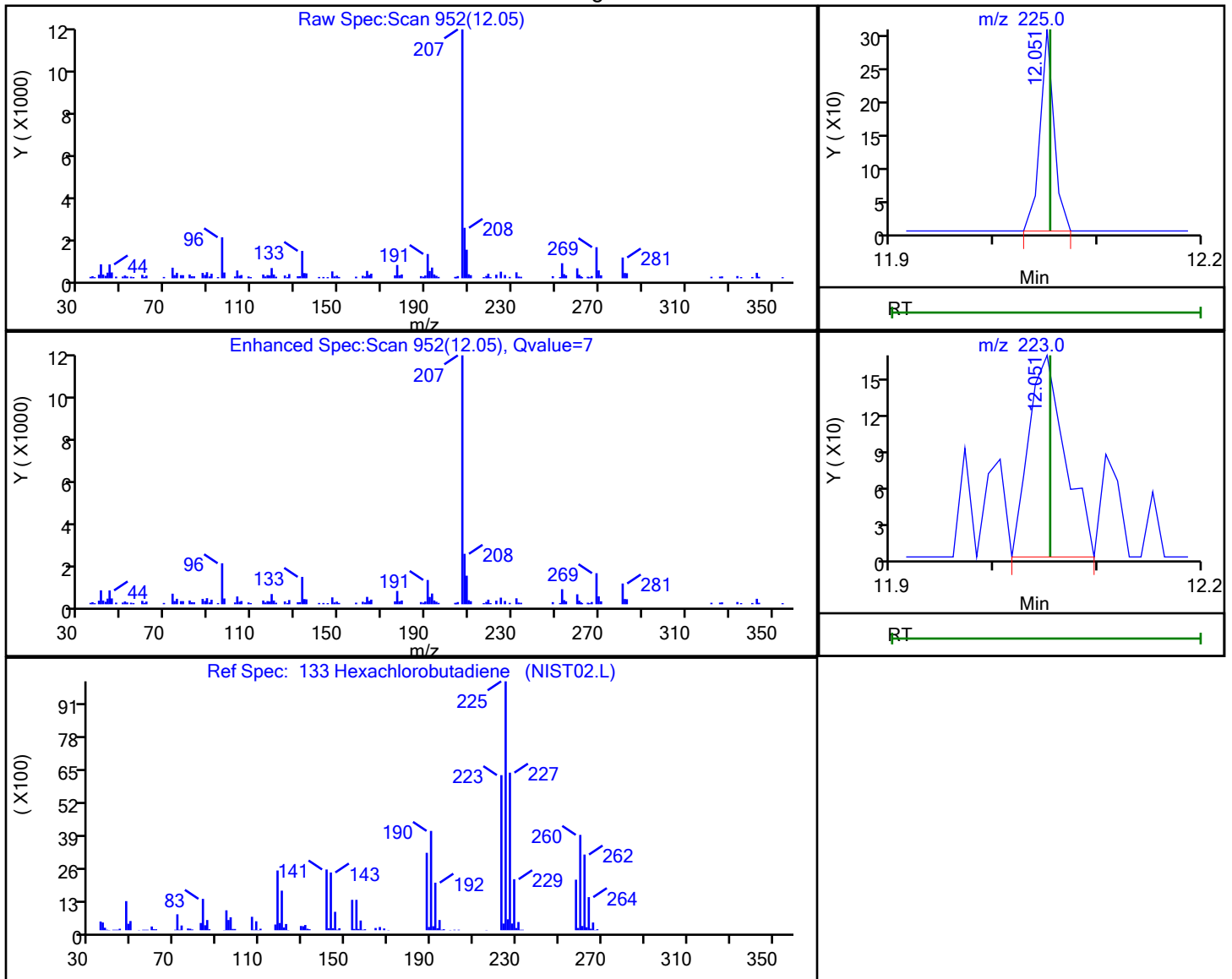
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.05	225.00	288	0.264200
12.05	223.00	411	

Reviewer: K0HS, 31-Aug-2022 14:02:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

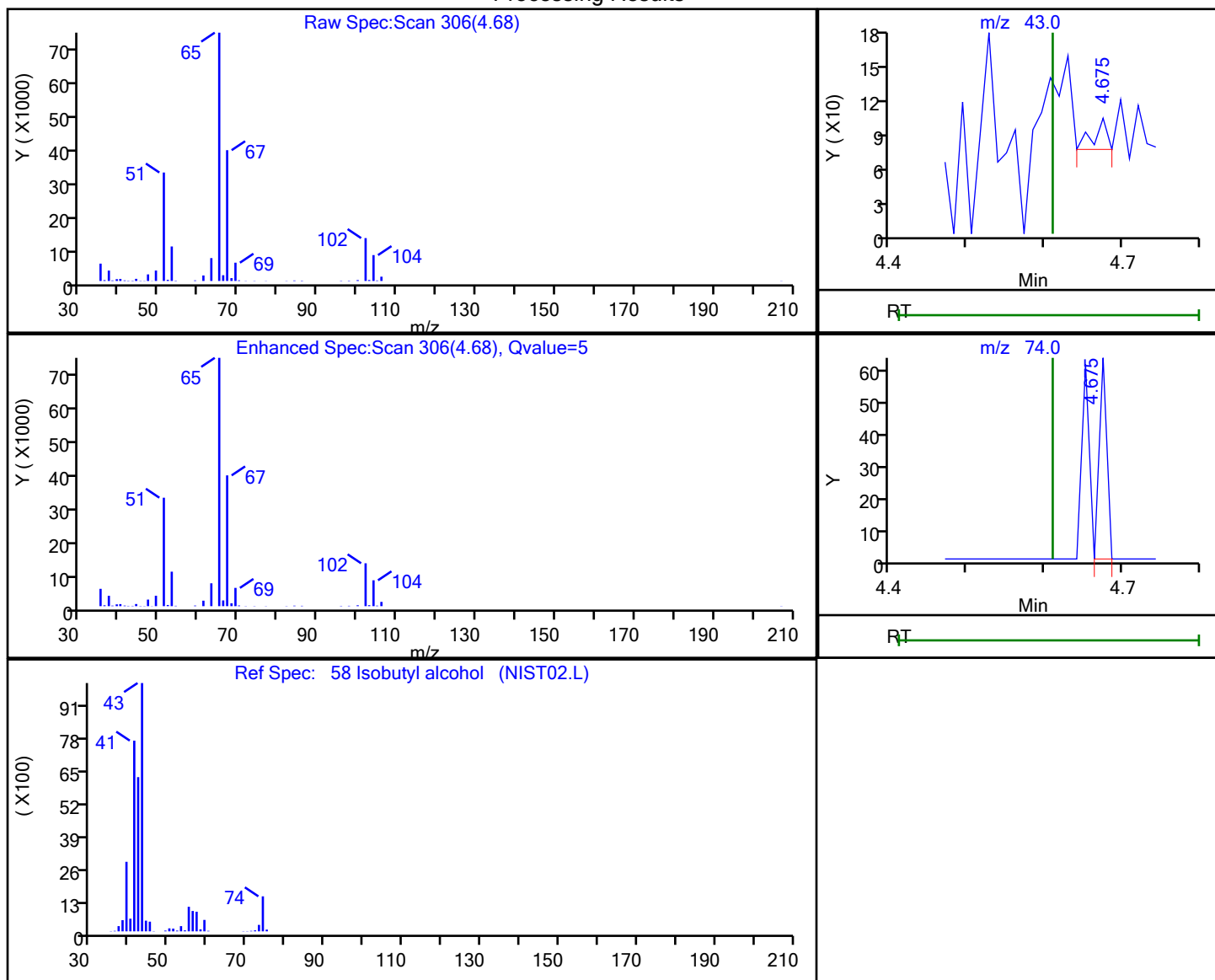
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.68	43.00	32	0.143170
4.68	74.00	44	

Reviewer: K0HS, 31-Aug-2022 14:02:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

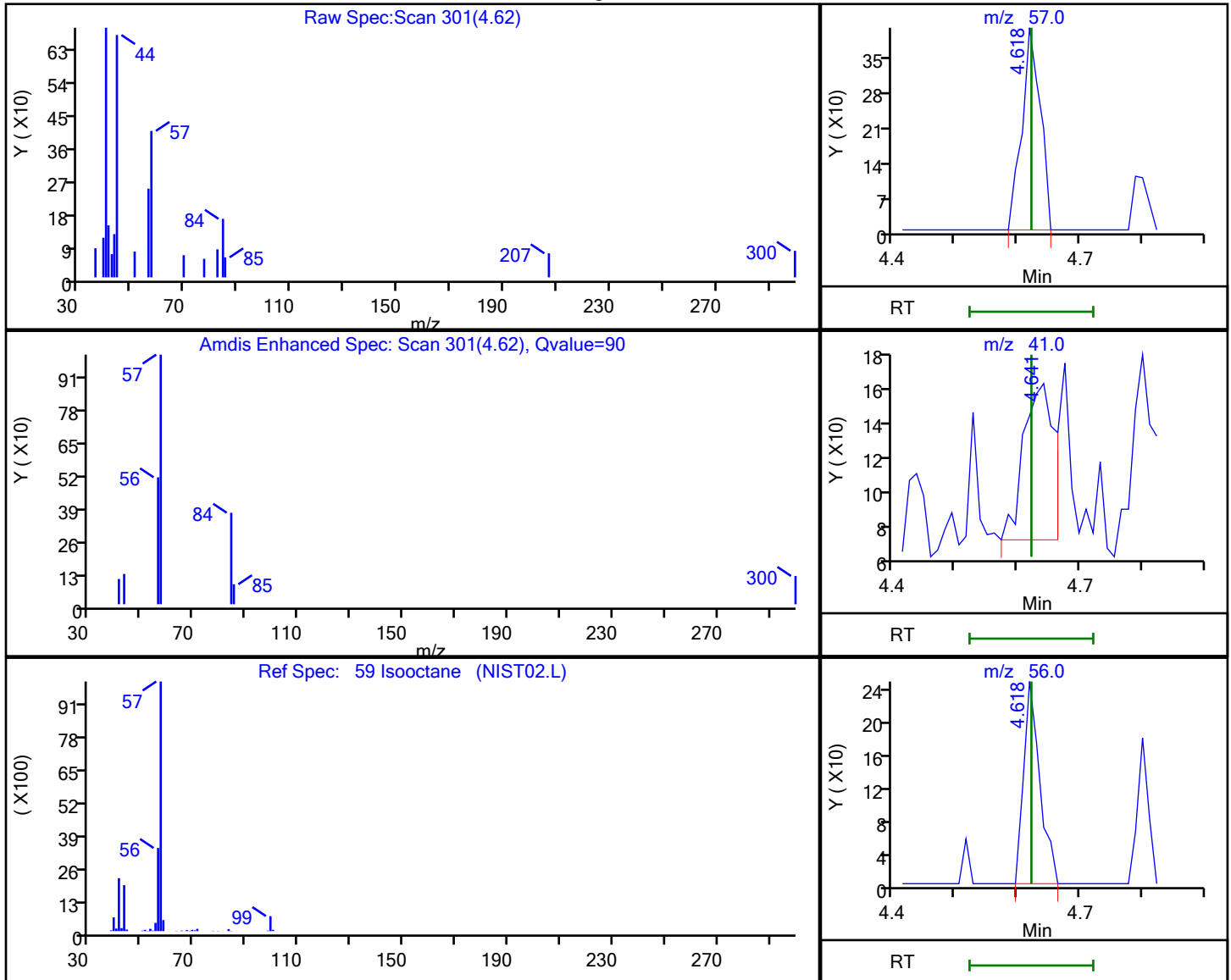
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.62	57.00	832	0.163022
4.64	41.00	320	
4.62	56.00	443	

Reviewer: K0HS, 31-Aug-2022 14:02:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

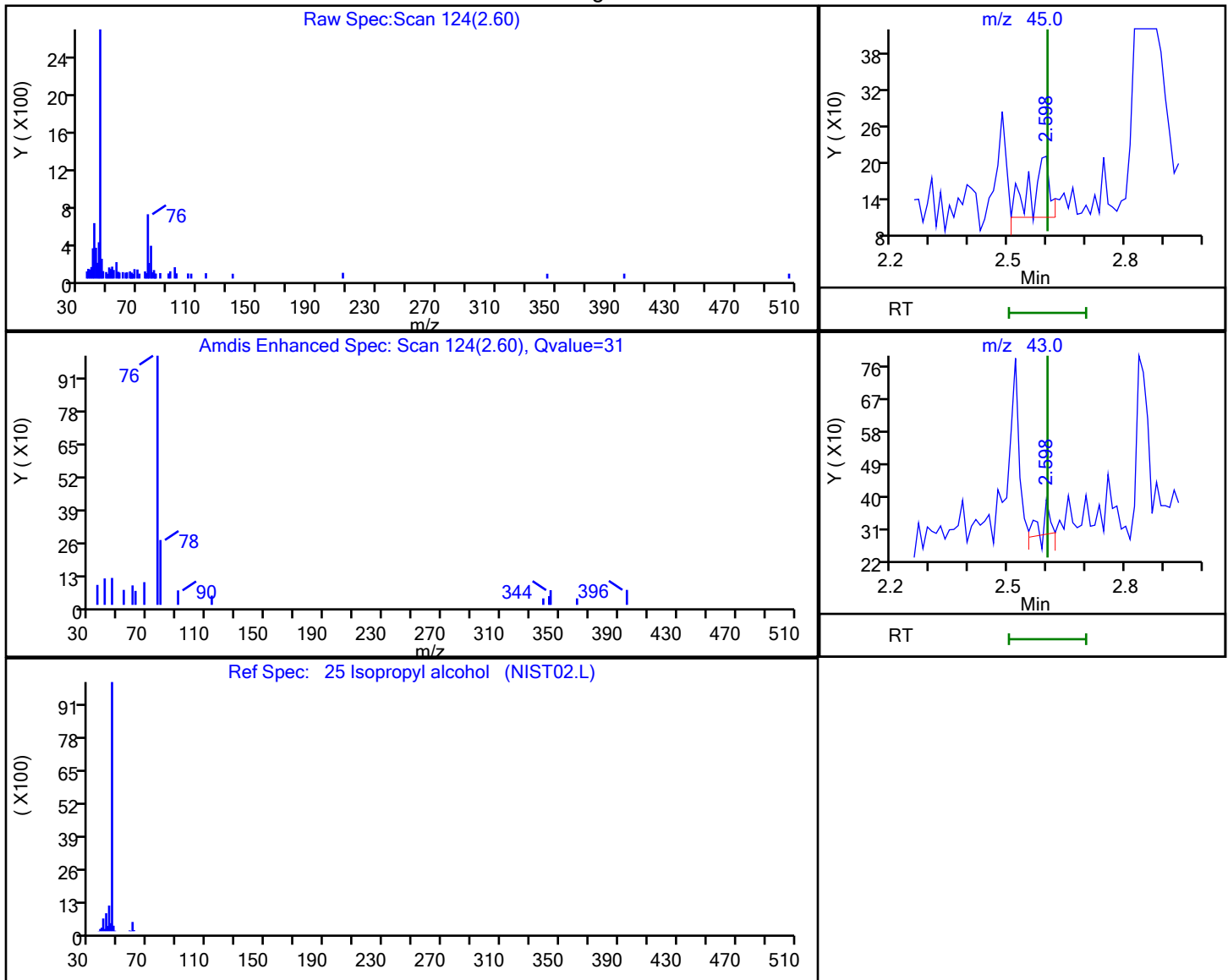
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.60	45.00	332	2.908146
2.60	43.00	130	

Reviewer: K0HS, 31-Aug-2022 14:01:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

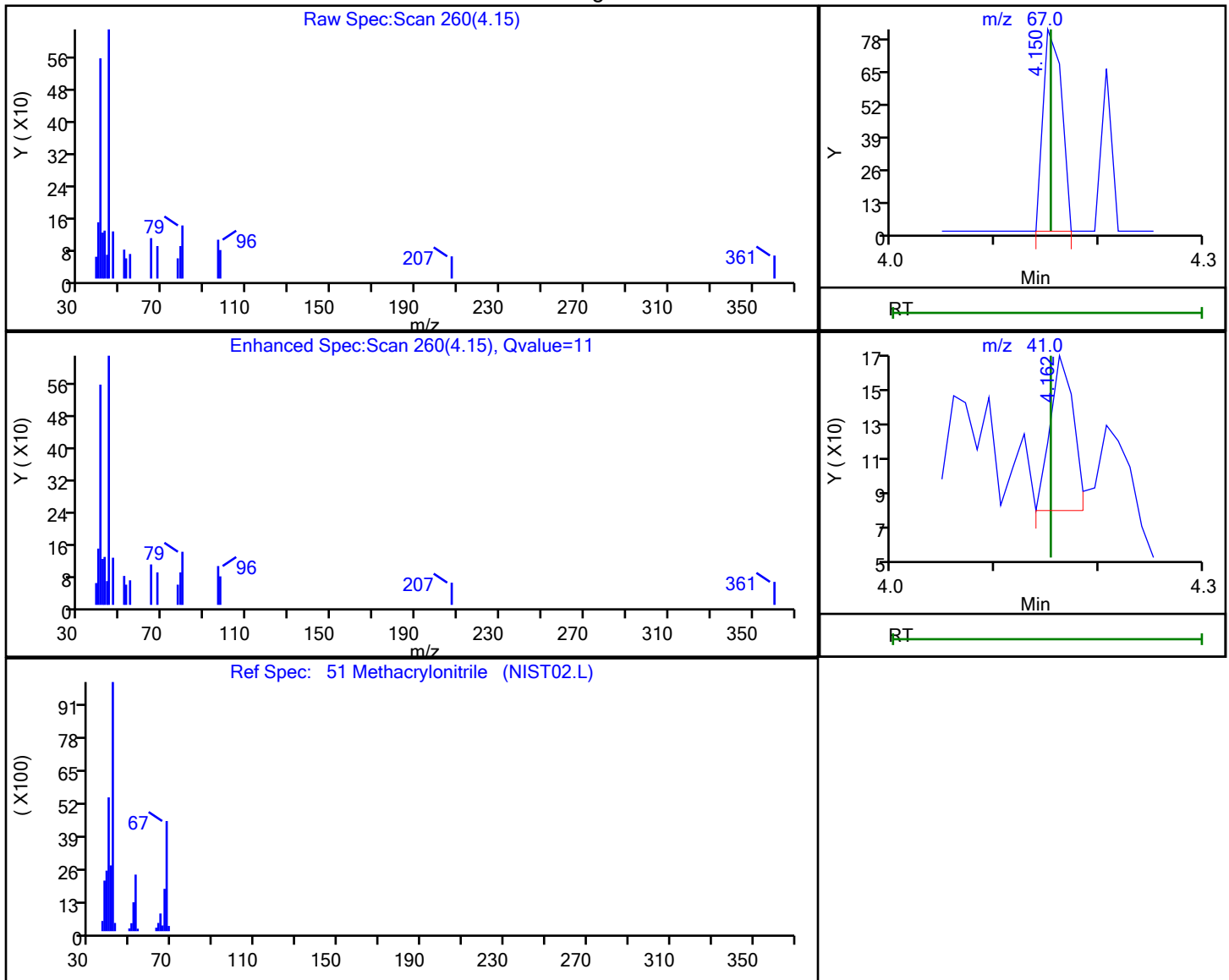
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.15	67.00	103	0.129147
4.16	41.00	141	

Reviewer: K0HS, 31-Aug-2022 14:02:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

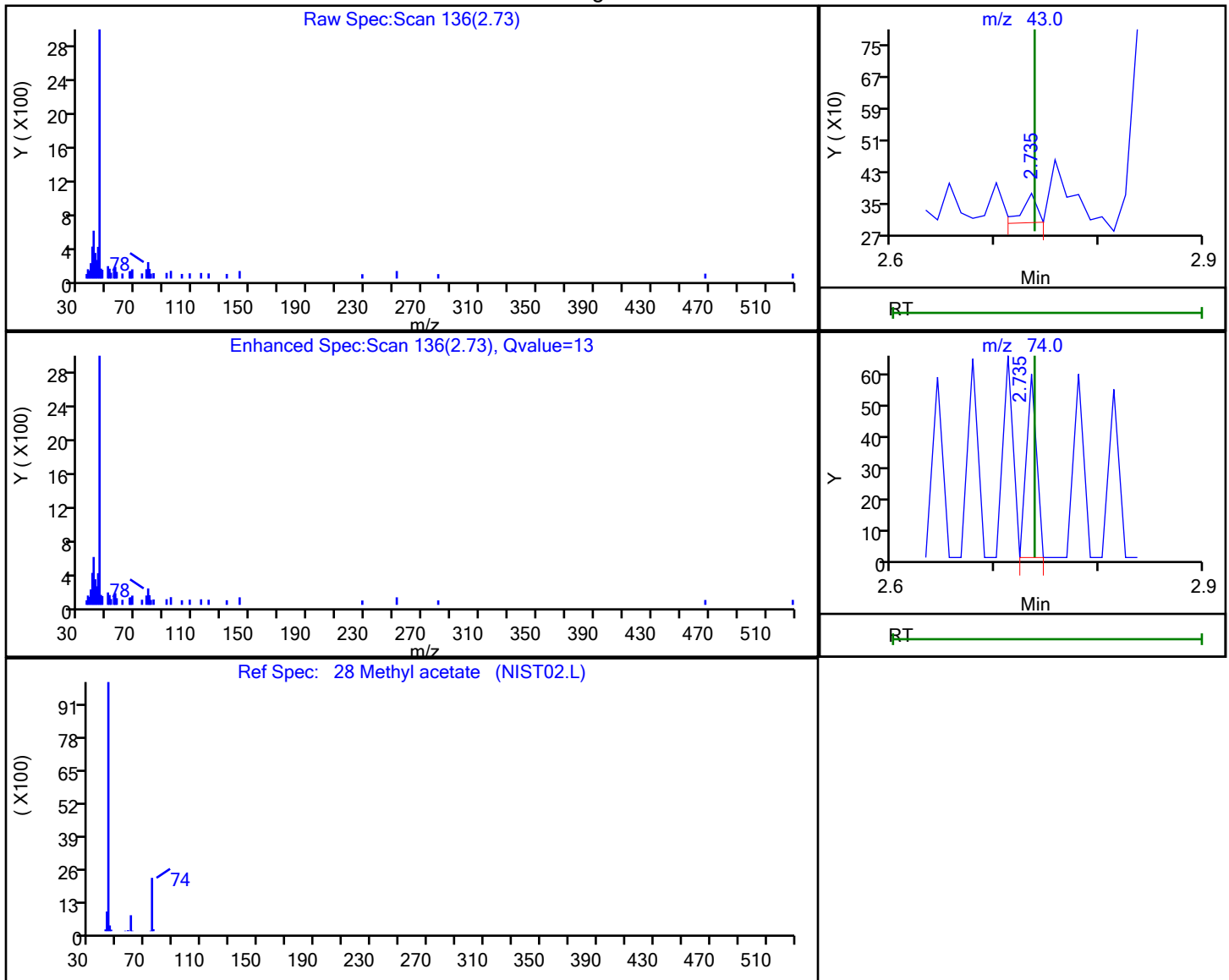
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.73	43.00	76	0.034405
2.73	74.00	41	

Reviewer: K0HS, 31-Aug-2022 14:01:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

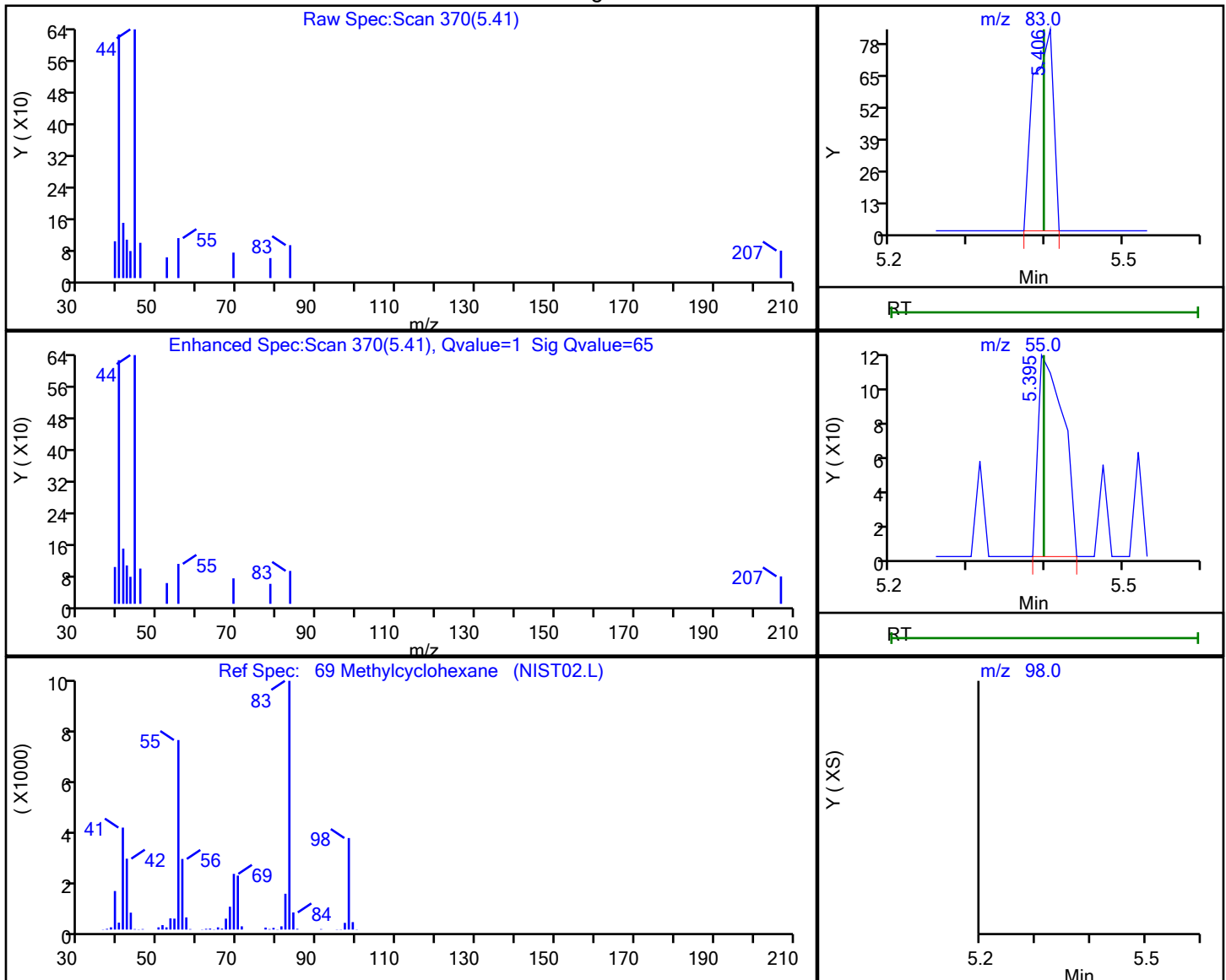
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

69 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.41	83.00	149	0.048716
5.39	55.00	253	
5.39	98.00	0	

Reviewer: K0HS, 31-Aug-2022 14:03:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

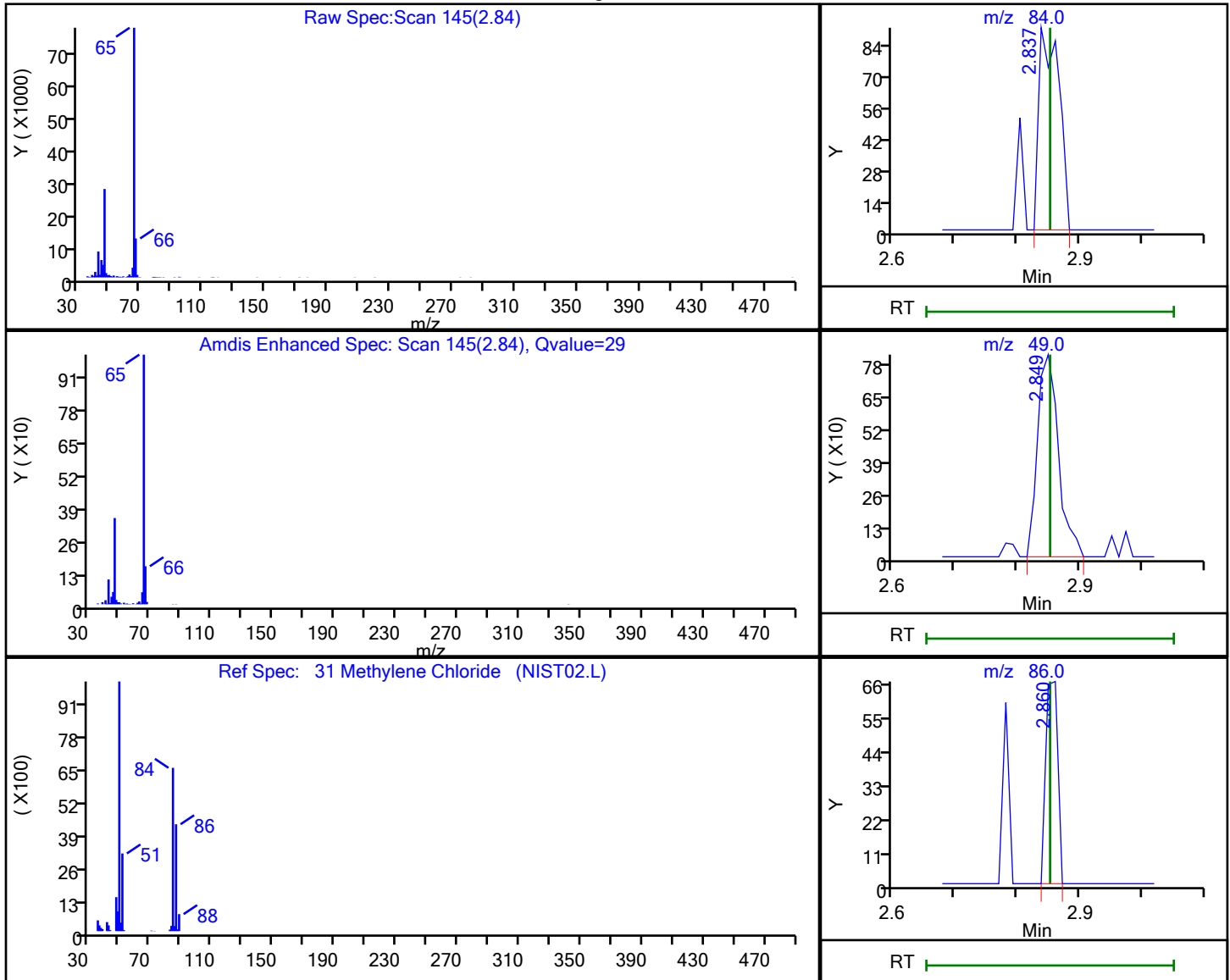
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.84	84.00	208	0.084123
2.85	49.00	1906	
2.86	86.00	91	

Reviewer: K0HS, 31-Aug-2022 14:01:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

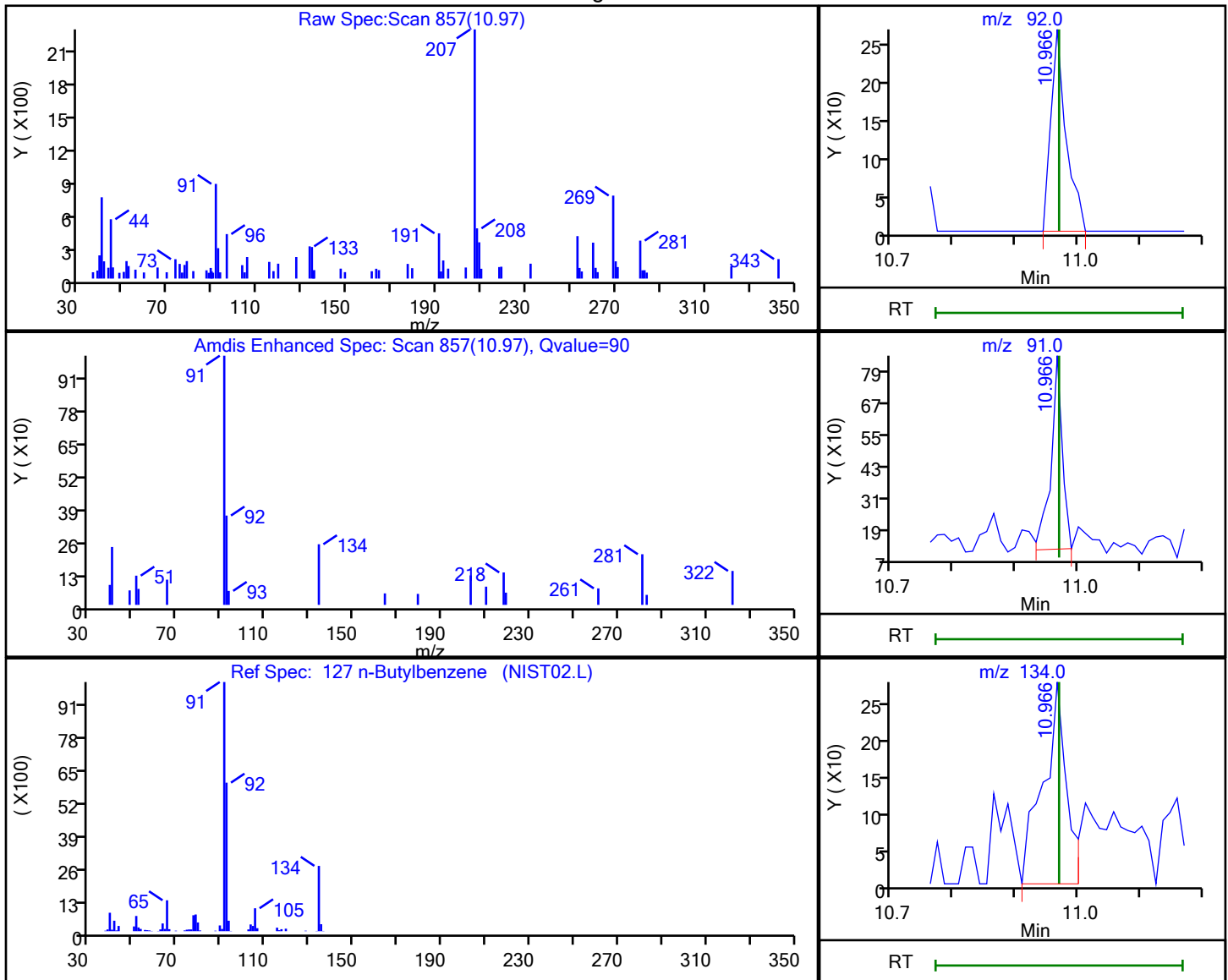
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.97	92.00	462	0.136513
10.97	91.00	942	
10.97	134.00	740	

Reviewer: K0HS, 31-Aug-2022 14:02:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

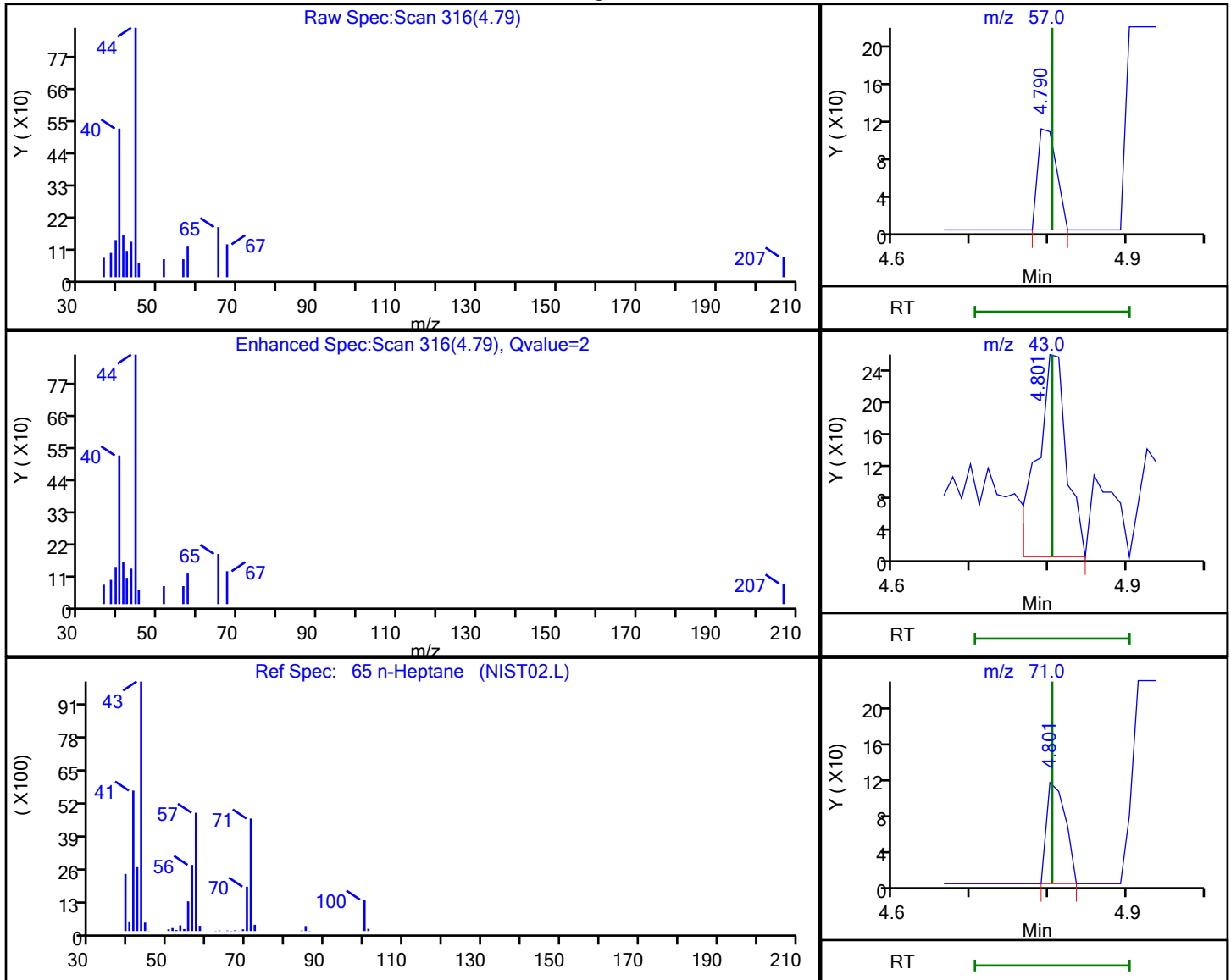
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.79	57.00	180	0.156669
4.80	43.00	667	
4.80	71.00	194	

Reviewer: K0HS, 31-Aug-2022 14:02:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

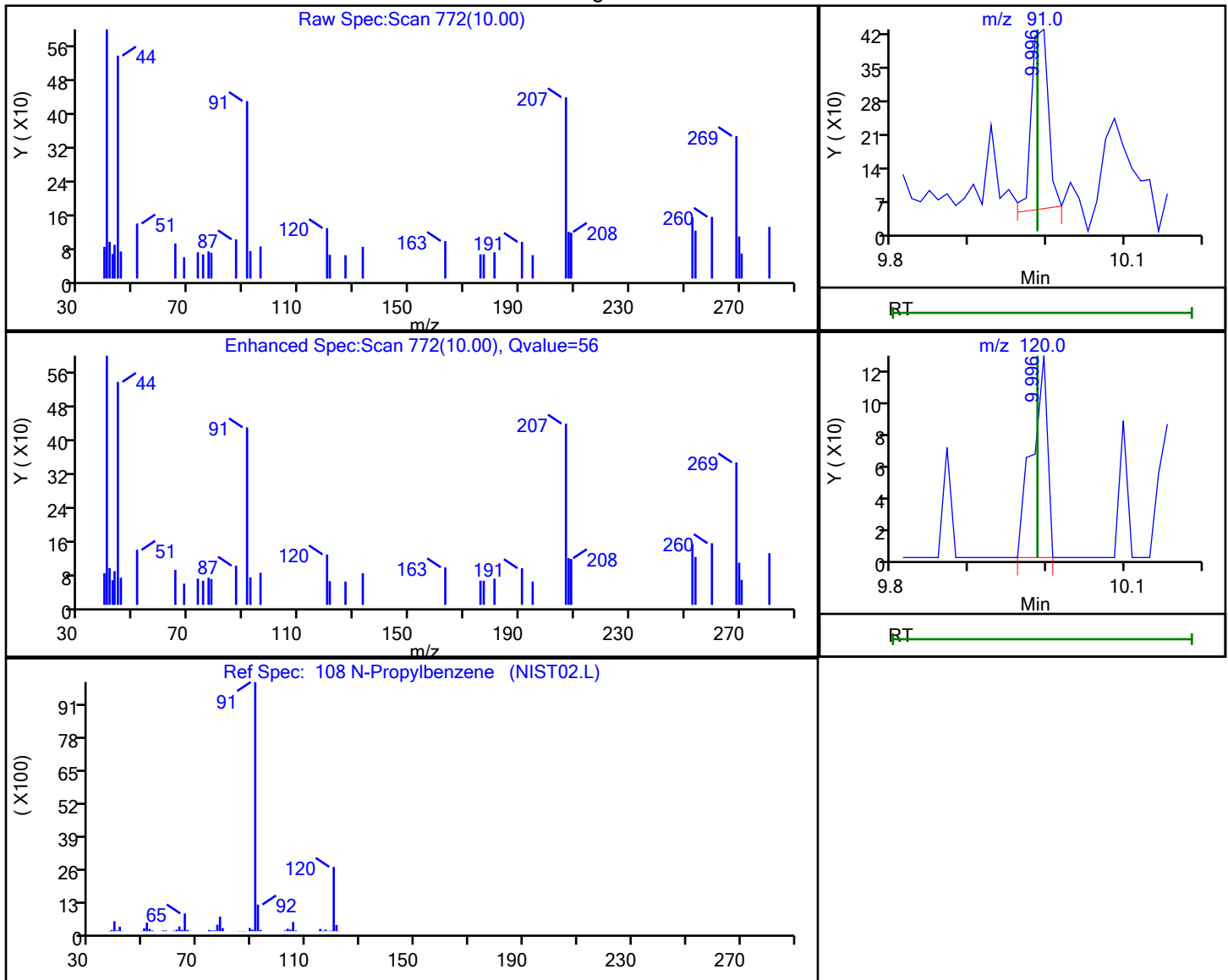
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.00	91.00	582	0.057725
10.00	120.00	166	

Reviewer: K0HS, 31-Aug-2022 14:02:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

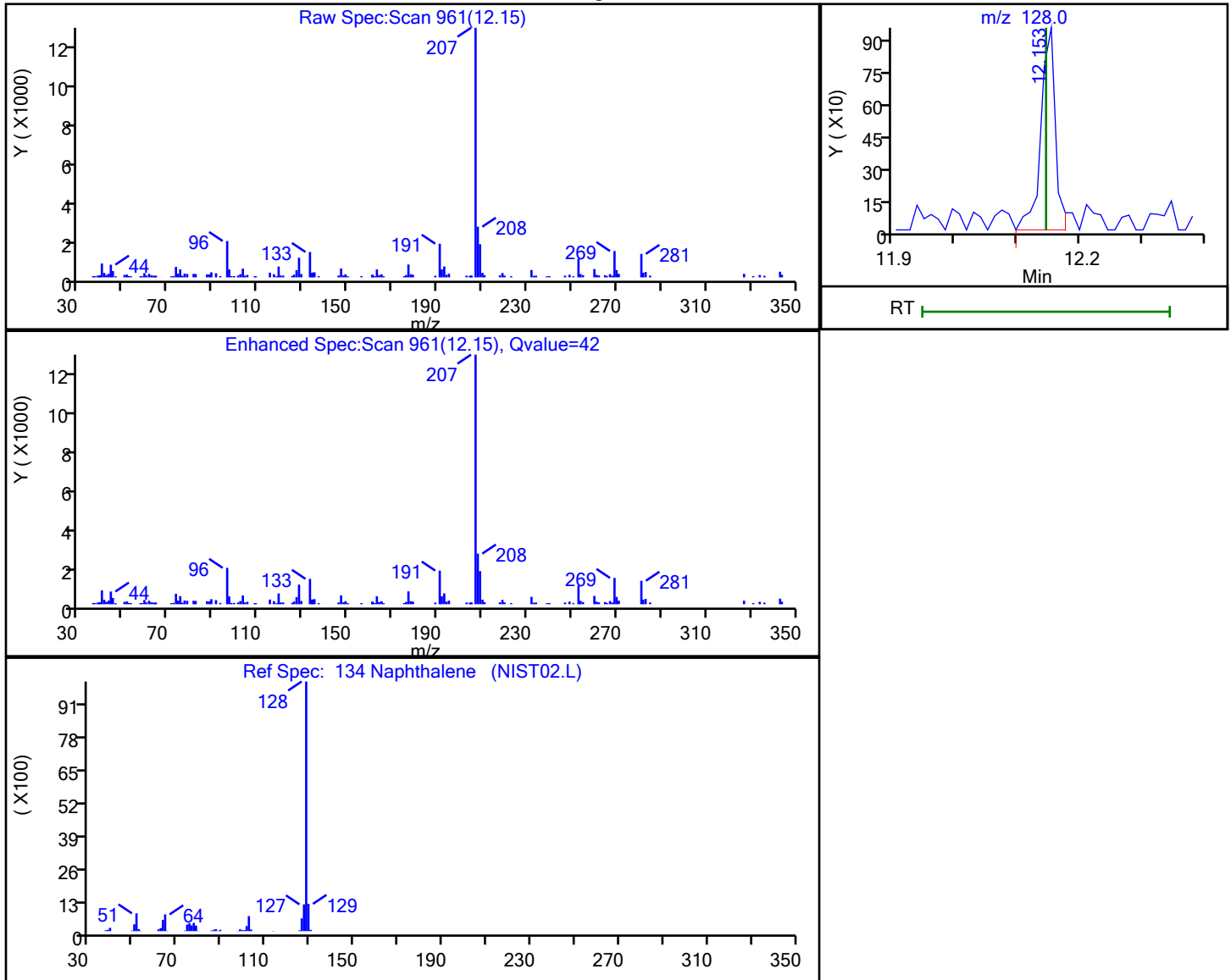
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.15	128.00	1572	0.216254

Reviewer: K0HS, 31-Aug-2022 14:02:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

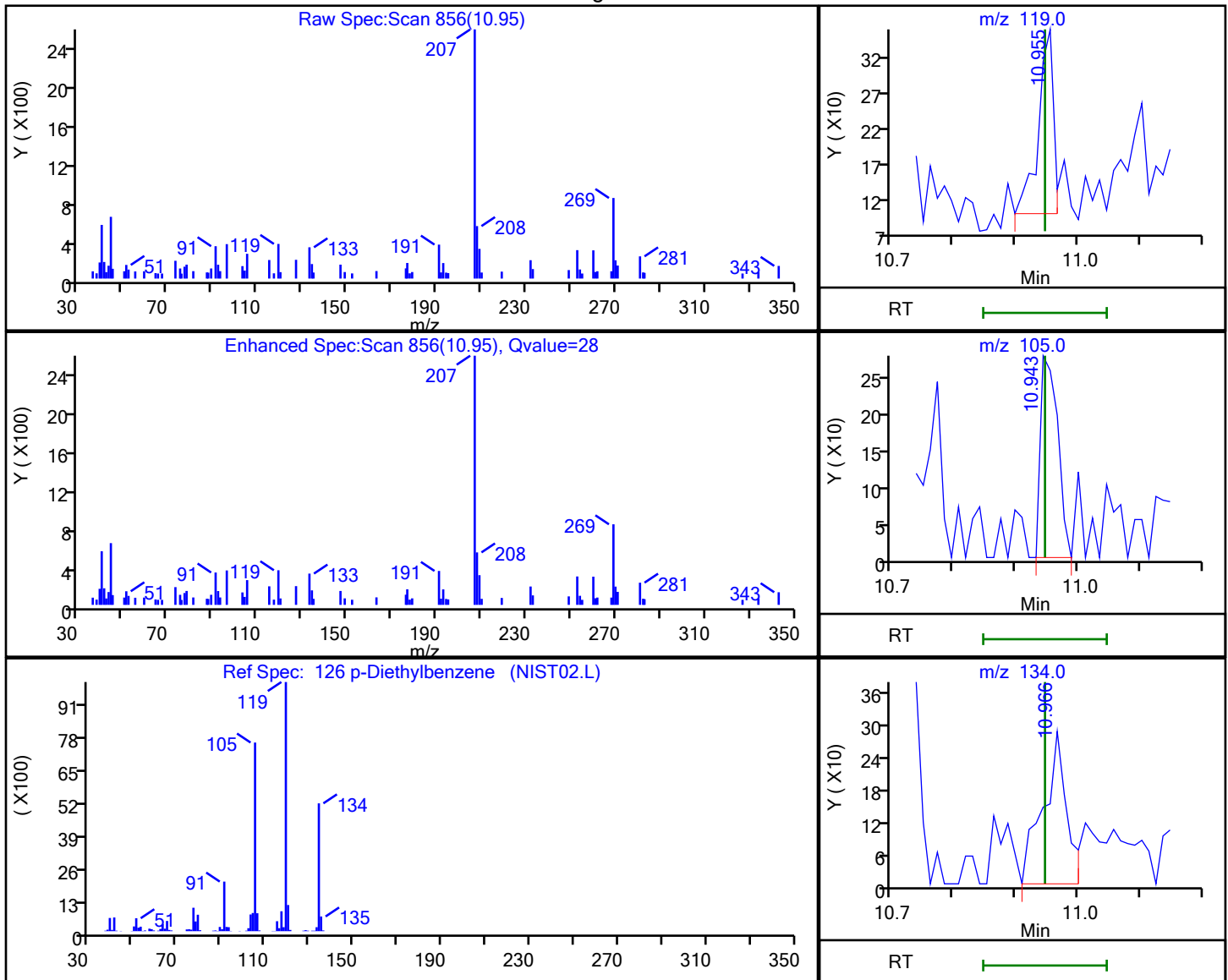
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.95	119.00	429	0.132368
10.94	105.00	523	
10.97	134.00	740	

Reviewer: K0HS, 31-Aug-2022 14:02:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

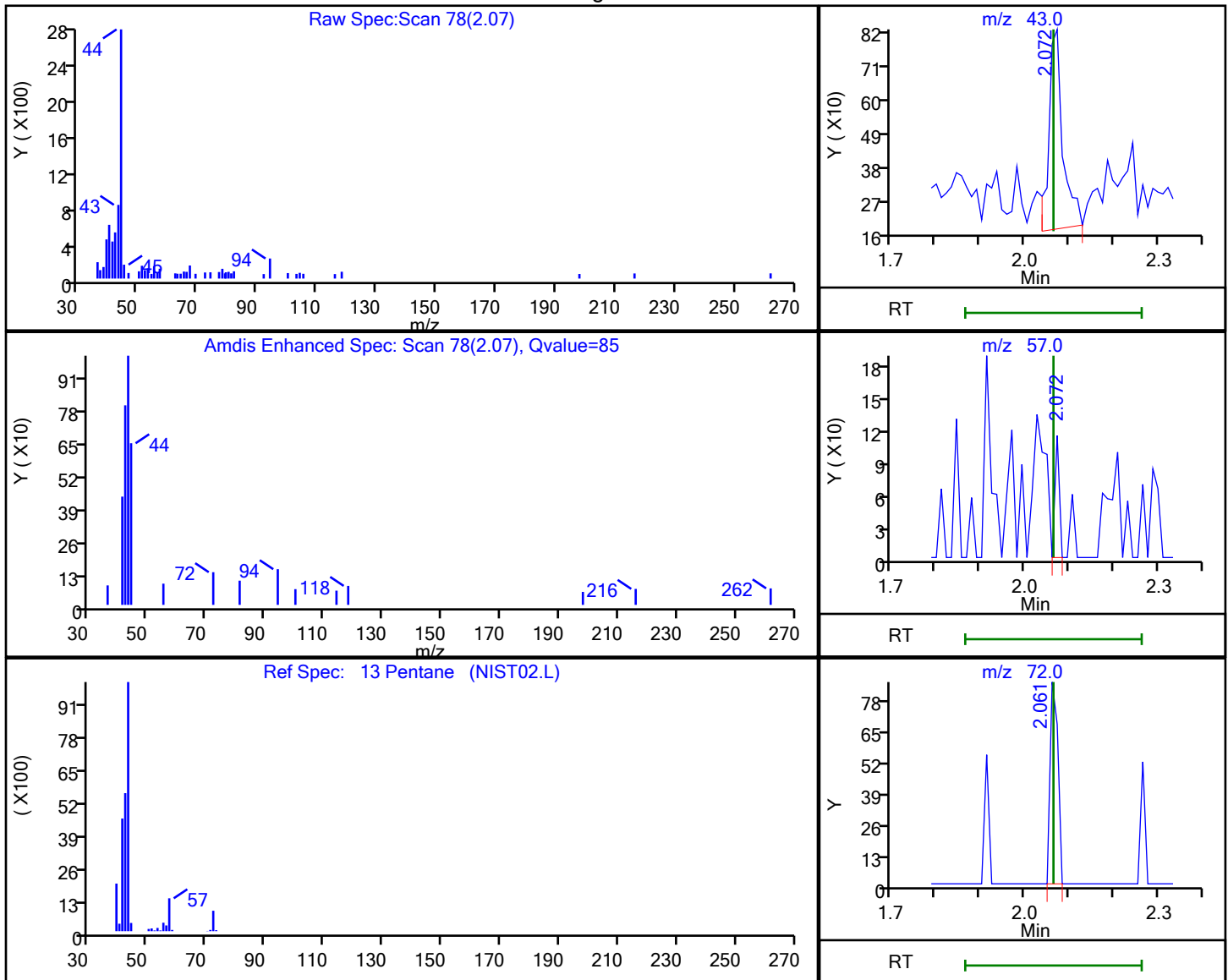
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

13 Pentane, CAS: 109-66-0

Processing Results



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

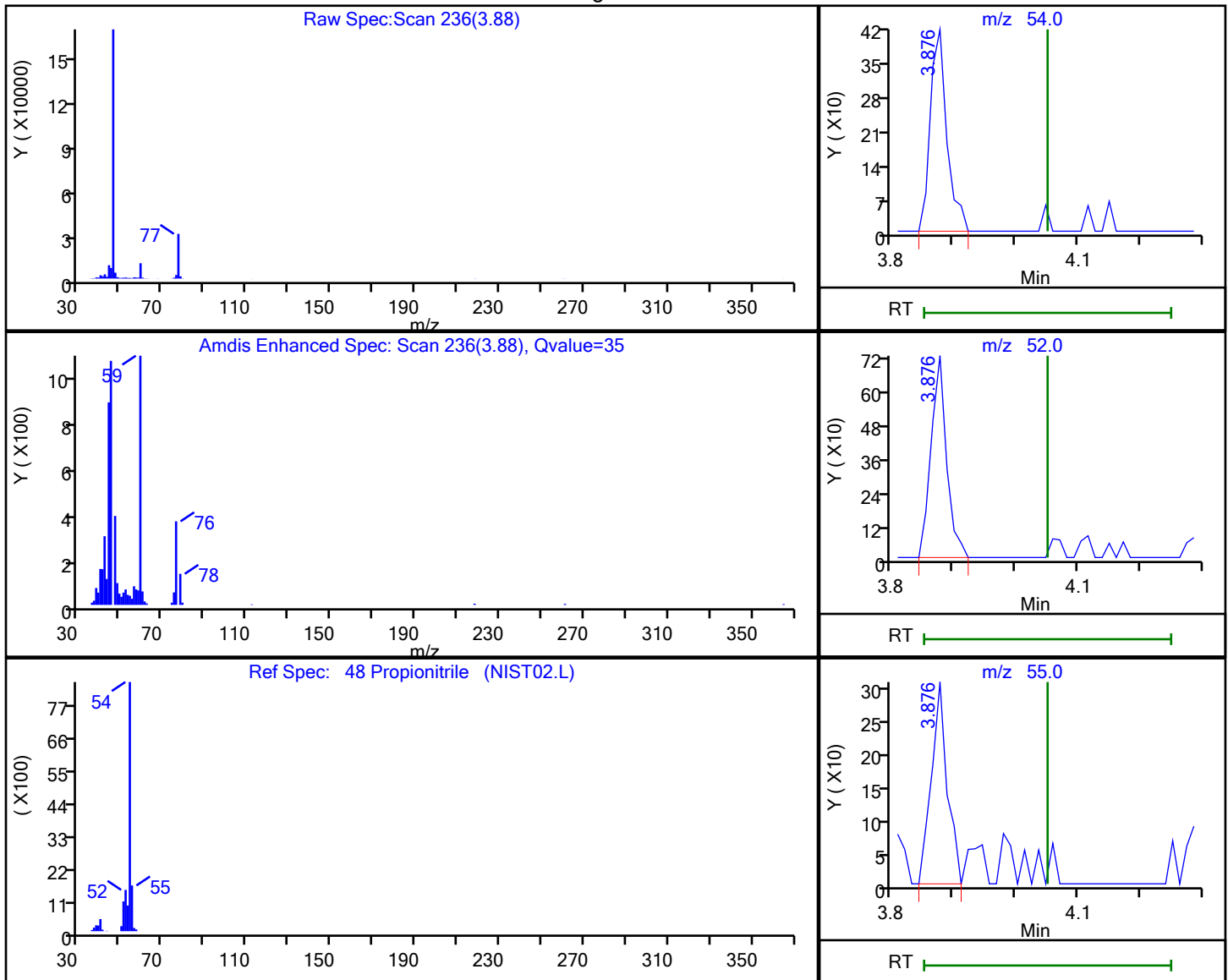
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.88	54.00	780	2.656377
3.88	52.00	1263	
3.88	55.00	544	

Reviewer: K0HS, 31-Aug-2022 14:01:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

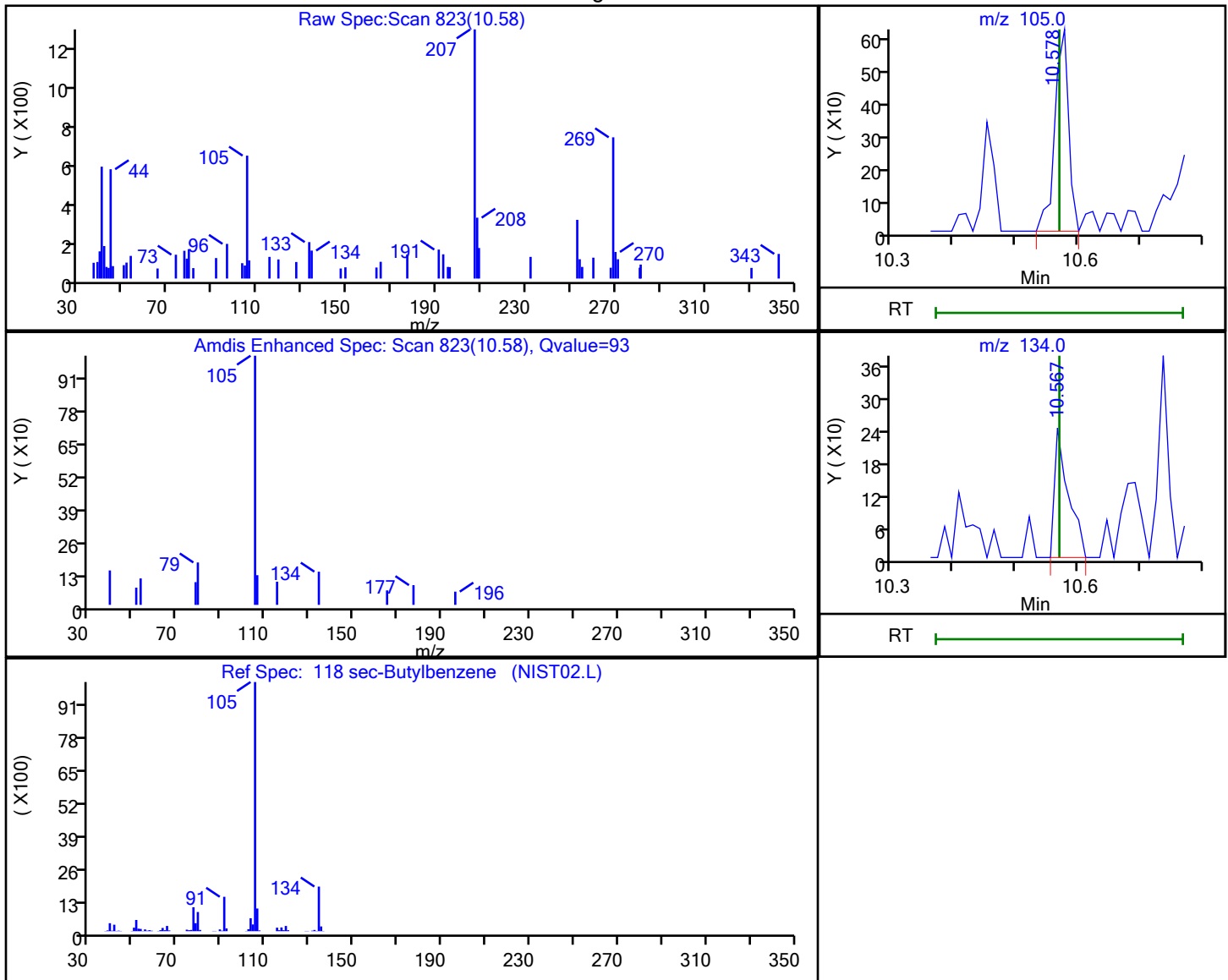
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.58	105.00	968	0.127516
10.57	134.00	370	

Reviewer: K0HS, 31-Aug-2022 14:02:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

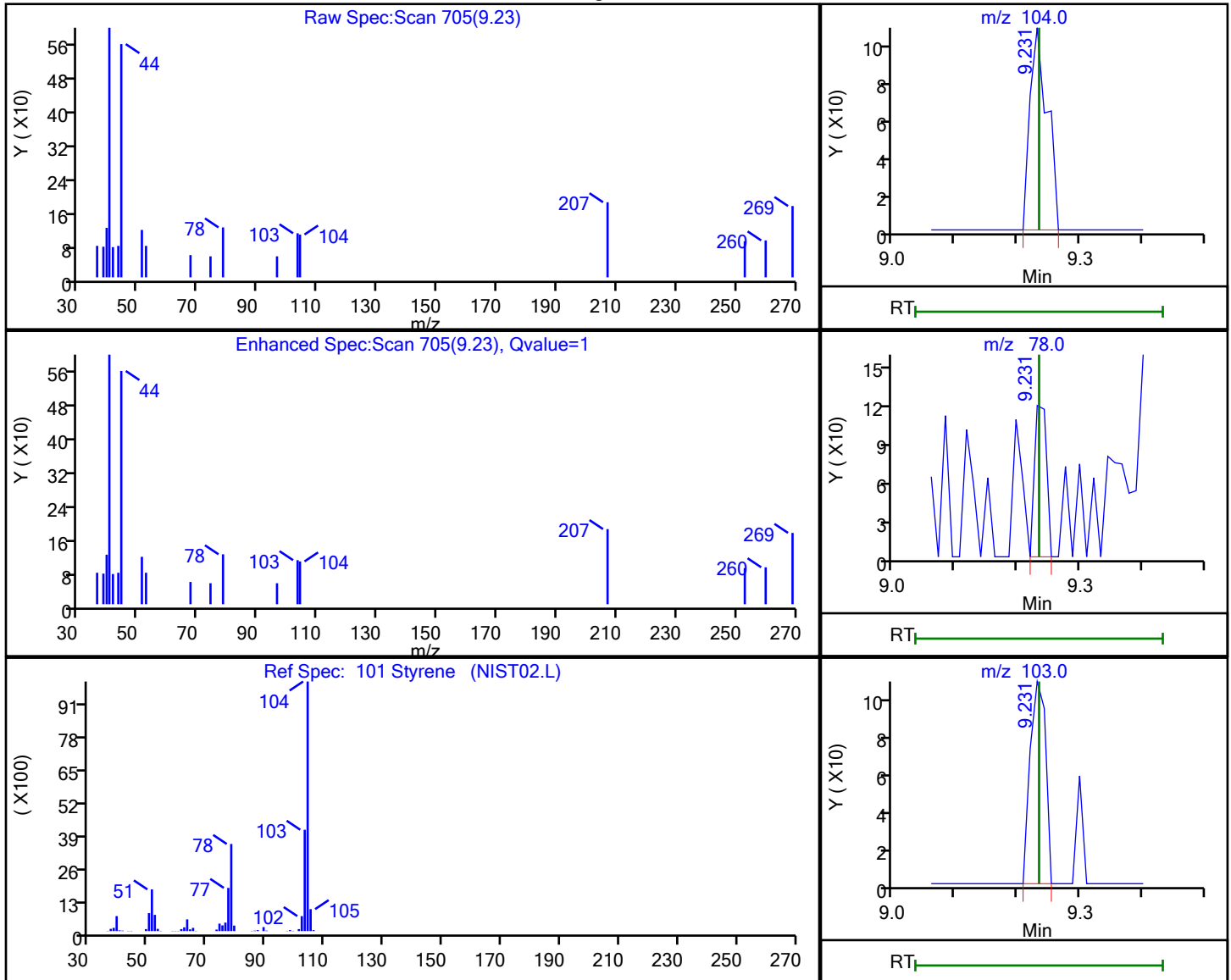
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.23	104.00	198	0.043518
9.23	78.00	161	
9.23	103.00	182	

Reviewer: K0HS, 31-Aug-2022 14:02:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

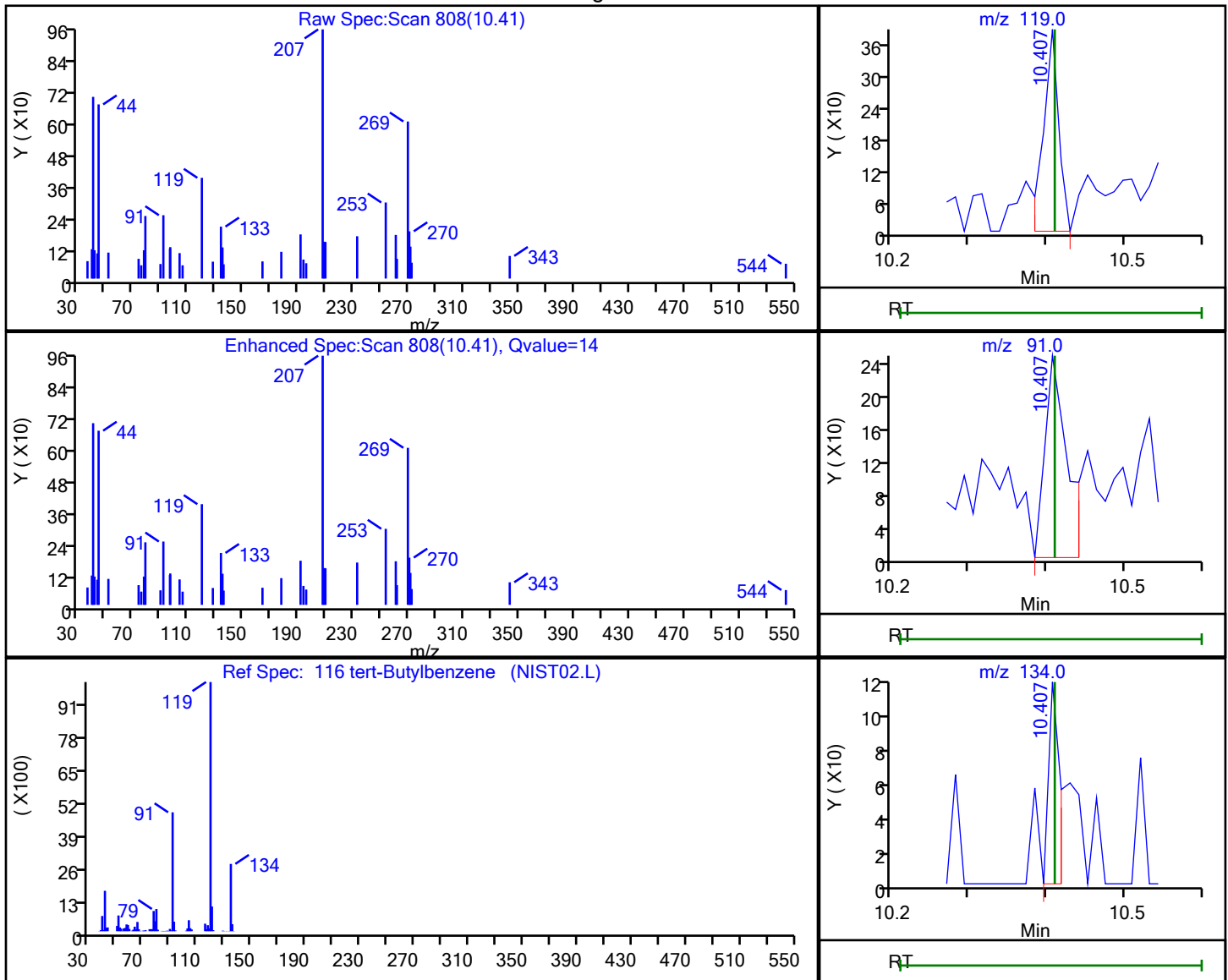
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.41	119.00	533	0.106897
10.41	91.00	488	
10.41	134.00	121	

Reviewer: K0HS, 31-Aug-2022 14:02:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

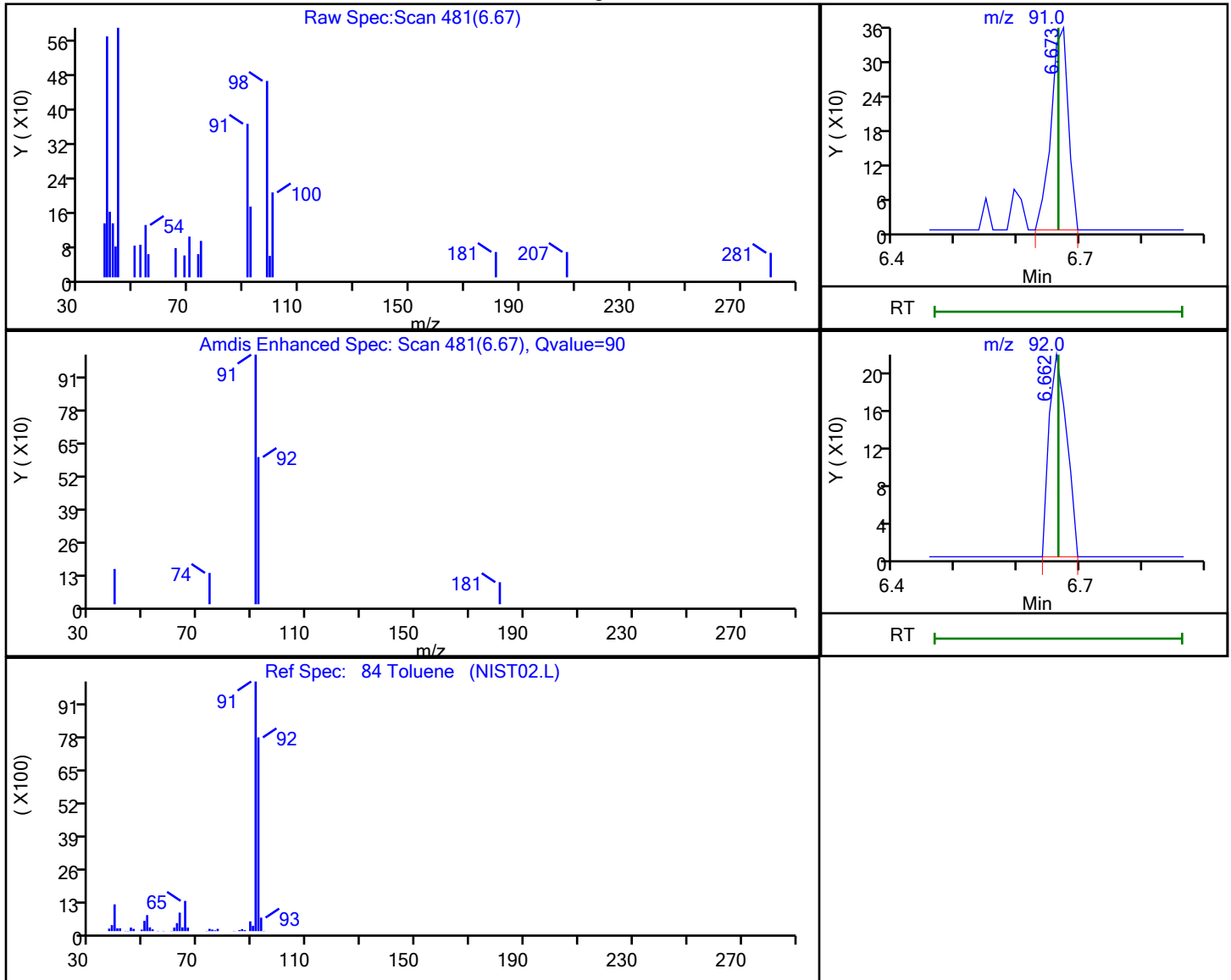
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.67	91.00	690	0.076237
6.66	92.00	434	

Reviewer: K0HS, 31-Aug-2022 14:02:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

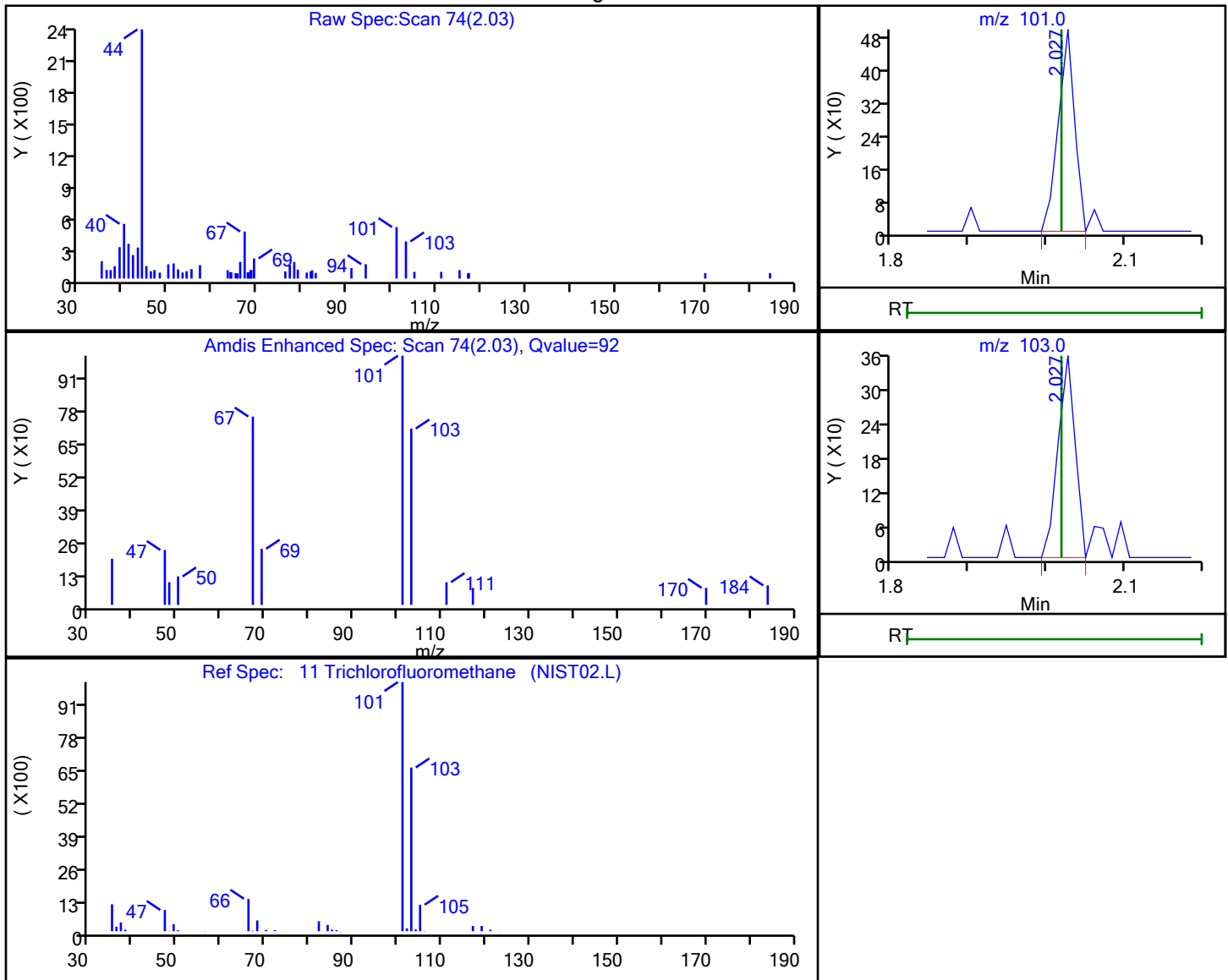
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.03	101.00	731	0.229048
2.03	103.00	550	

Reviewer: K0HS, 31-Aug-2022 14:01:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

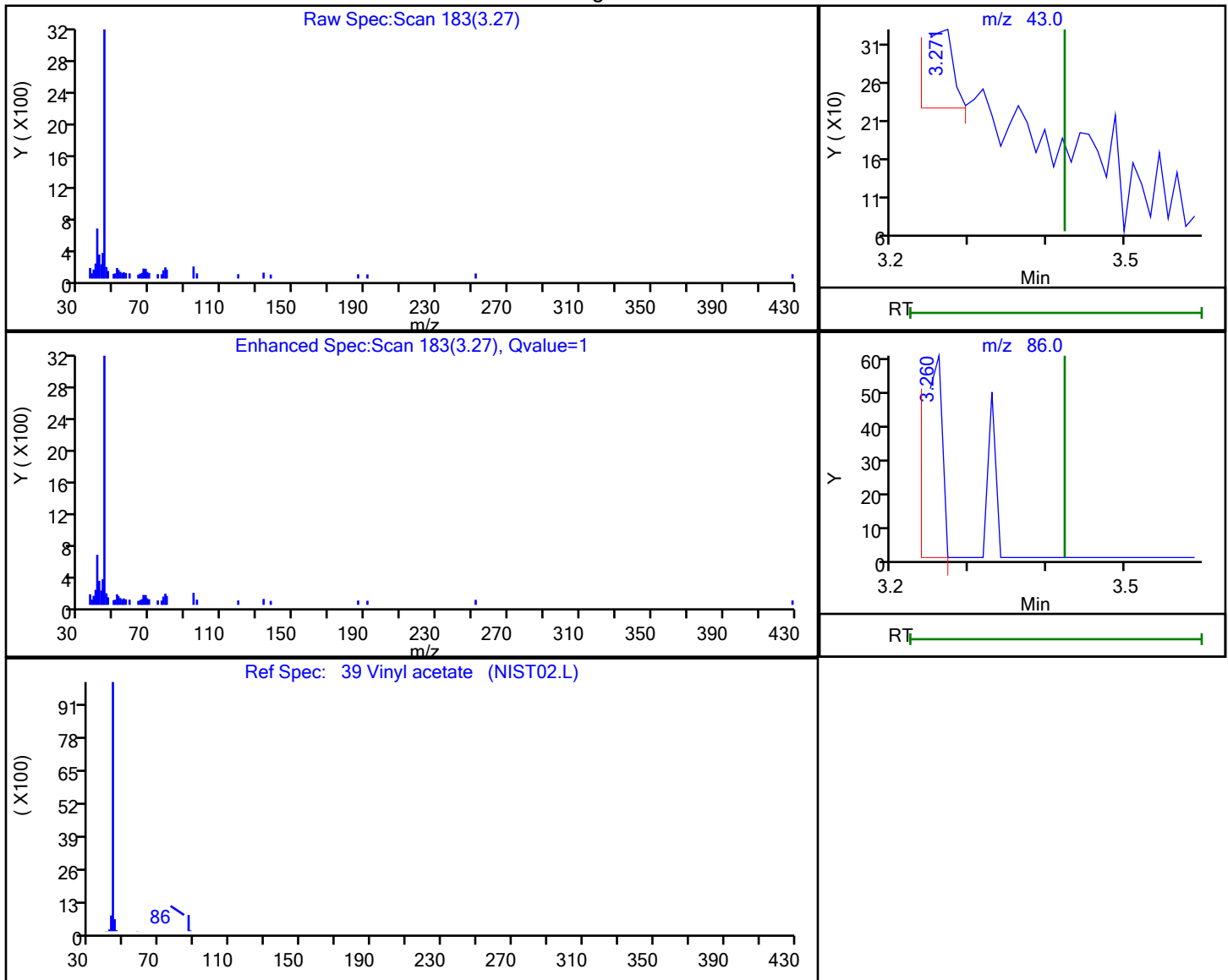
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.27	43.00	214	0.039197
3.26	86.00	77	

Reviewer: K0HS, 31-Aug-2022 14:01:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

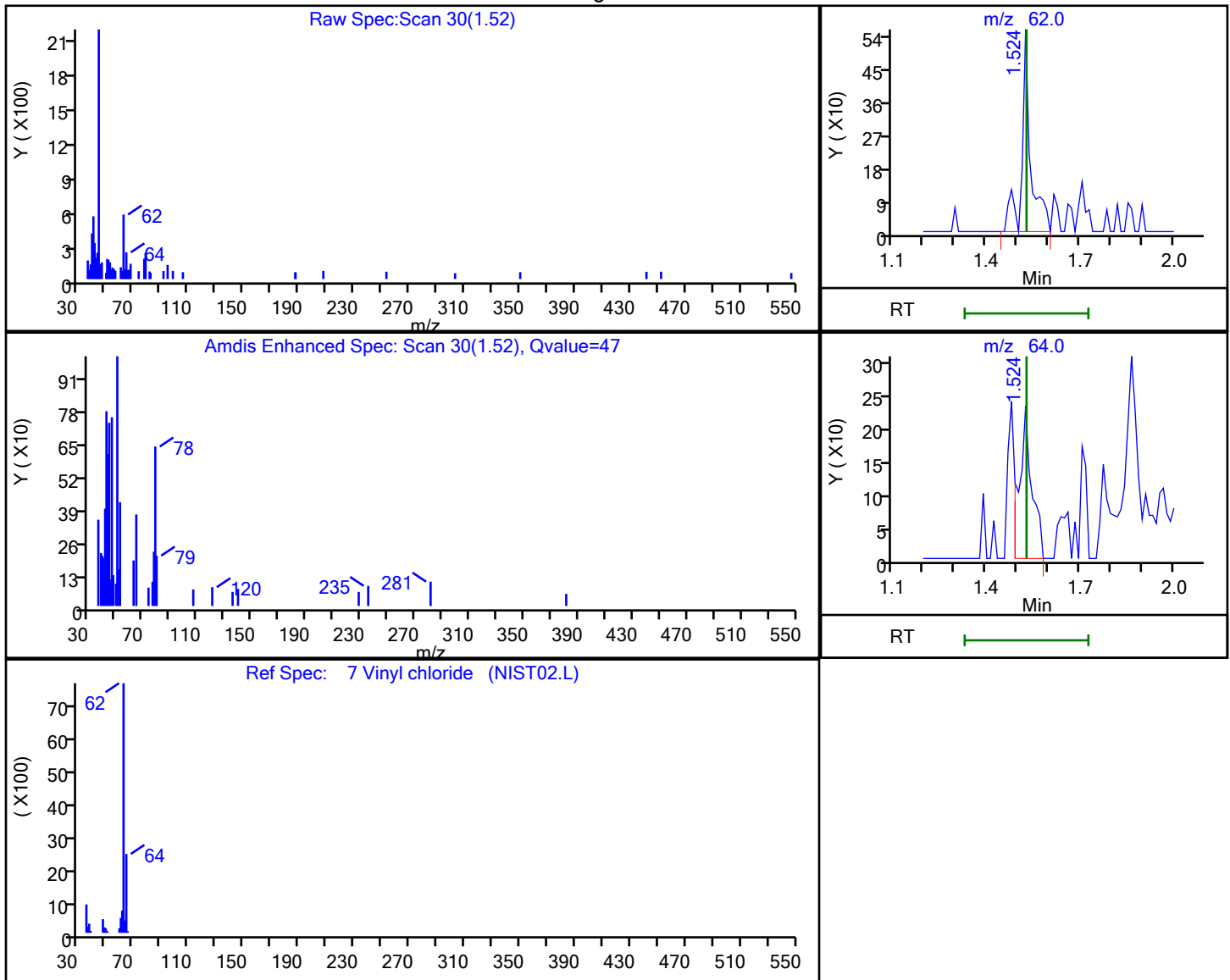
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.52	62.00	1112	0.279298
1.52	64.00	646	

Reviewer: K0HS, 31-Aug-2022 14:01:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 31-Aug-2022 13:22:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0149864-004
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:18 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: K0HS

Date: 31-Aug-2022 13:45:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.261	1.265	-0.004	86	193	1.00	0.8644	
4 Dichlorodifluoromethane	85	1.284	1.288	-0.004	97	3160	1.00	1.01	
5 Chlorodifluoromethane	67	1.318	1.310	0.008	96	573	1.00	1.20	
6 Chloromethane	50	1.455	1.447	0.008	96	4913	1.00	1.18	
7 Vinyl chloride	62	1.524	1.527	-0.003	97	3460	1.00	1.13	
8 Butadiene	54	1.547	1.539	0.008	95	3650	1.00	1.17	
9 Bromomethane	94	1.786	1.790	-0.004	94	1570	1.00	1.16	
10 Chloroethane	64	1.866	1.858	0.008	92	1309	1.00	0.8363	
12 Dichlorofluoromethane	67	2.015	2.018	-0.003	93	5259	1.00	1.11	
11 Trichlorofluoromethane	101	2.026	2.018	0.008	97	3405	1.00	1.03	
13 Pentane	43	2.060	2.064	-0.004	96	8813	2.00	2.08	
14 Ethanol	46	2.197	2.201	-0.004	30	353	40.0	43.3	M
15 Ethyl ether	59	2.243	2.247	-0.004	91	1756	1.00	0.9323	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	95	2478	1.00	1.04	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.289	2.281	0.008	95	1497	1.00	1.01	a
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.334	2.338	-0.004	97	3061	1.00	1.00	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	94	1995	1.00	0.99	
19 Acrolein	56	2.403	2.406	-0.003	86	1578	4.00	5.08	
21 1,1-Dichloroethene	96	2.426	2.429	-0.003	92	1711	1.00	0.9299	a
22 Acetone	43	2.517	2.521	-0.004	83	4626	5.00	6.45	
23 Iodomethane	142	2.574	2.566	0.008	8	492	1.00	0.1945	
24 Carbon disulfide	76	2.597	2.601	-0.004	100	7484	1.00	1.01	
25 Isopropyl alcohol	45	2.608	2.601	0.007	27	1110	10.0	11.0	
26 3-Chloro-1-propene	76	2.723	2.726	-0.003	88	1406	1.00	1.08	
27 Cyclopentene	67	2.745	2.738	0.007	89	6016	1.00	1.04	
28 Methyl acetate	43	2.745	2.738	0.007	76	4349	2.00	2.16	
29 Acetonitrile	41	2.791	2.795	-0.004	79	2401	10.0	7.84	
* 30 TBA-d9 (IS)	65	2.848	2.852	-0.004	76	193807	1000.0	1000.0	
31 Methylene Chloride	84	2.848	2.852	-0.004	30	2434	1.00	1.03	
32 2-Methyl-2-propanol	59	2.917	2.909	0.008	42	1368	10.0	9.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.997	3.000	-0.003	97	5655	1.00	0.9505	
34 trans-1,2-Dichloroethene	96	3.019	3.023	-0.004	96	2223	1.00	1.06	
35 Acrylonitrile	53	3.099	3.092	0.007	93	8246	10.0	9.52	
36 Hexane	57	3.168	3.171	-0.003	93	3220	1.00	1.06	
37 Isopropyl ether	45	3.373	3.377	-0.004	96	8700	1.00	0.9623	
38 1,1-Dichloroethane	63	3.408	3.400	0.008	98	4861	1.00	1.06	
39 Vinyl acetate	43	3.419	3.423	-0.004	99	10749	2.00	1.95	
40 2-Chloro-1,3-butadiene	88	3.442	3.445	-0.003	92	1882	1.00	1.01	
41 Tert-butyl ethyl ether	59	3.682	3.685	-0.003	88	5733	1.00	0.8494	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	86	299559	250.0	250.0	
42 2,2-Dichloropropane	79	3.876	3.879	-0.003	44	1122	1.00	1.05	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	90	2143	1.00	0.9548	
46 2-Butanone (MEK)	72	3.933	3.925	0.008	92	1114	5.00	5.11	
45 Ethyl acetate	70	3.933	3.936	-0.003	91	379	2.00	1.81	
47 Methyl acrylate	55	3.990	3.982	0.008	76	2014	1.00	1.00	
48 Propionitrile	54	4.058	4.051	0.007	88	2855	10.0	9.65	
50 Chlorobromomethane	128	4.127	4.119	0.008	91	1048	1.00	0.9675	a
49 Tetrahydrofuran	72	4.138	4.130	0.008	35	399	2.00	1.74	
51 Methacrylonitrile	67	4.150	4.153	-0.003	97	7851	10.0	8.71	
52 Chloroform	83	4.173	4.176	-0.003	96	3759	1.00	0.9506	
53 Cyclohexane	84	4.298	4.290	0.008	96	2804	1.00	0.9599	
54 1,1,1-Trichloroethane	97	4.310	4.313	-0.003	95	2869	1.00	0.9269	
\$ 55 Dibromofluoromethane (Surr)	113	4.332	4.325	0.007	95	106466	50.0	51.0	
56 Carbon tetrachloride	117	4.424	4.427	-0.003	96	2547	1.00	0.9502	
57 1,1-Dichloropropene	75	4.458	4.462	-0.004	90	2857	1.00	0.9278	
58 Isobutyl alcohol	43	4.618	4.610	0.008	49	2989	25.0	25.6	a
59 Isooctane	57	4.629	4.621	0.008	89	5024	1.00	0.9186	
60 Benzene	78	4.652	4.656	-0.004	94	8392	1.00	0.9744	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.675	4.667	0.008	0	139214	50.0	51.0	
63 Tert-amyl methyl ether	55	4.721	4.724	-0.003	70	1999	1.00	1.03	
62 Isopropyl acetate	43	4.721	4.724	-0.003	87	6342	1.00	0.8516	
64 1,2-Dichloroethane	62	4.743	4.747	-0.004	95	3476	1.00	1.03	
65 n-Heptane	57	4.800	4.804	-0.004	94	1131	1.00	0.9731	
* 66 Fluorobenzene	96	4.937	4.941	-0.004	97	468667	50.0	50.0	
68 Trichloroethene	95	5.291	5.284	0.007	94	2011	1.00	0.9126	
69 Methylcyclohexane	83	5.406	5.398	0.008	85	2513	1.00	0.8347	a
70 Ethyl acrylate	55	5.406	5.409	-0.003	89	4768	1.00	0.8461	
71 1,2-Dichloropropane	63	5.565	5.569	-0.004	92	2572	1.00	0.9626	
* 72 1,4-Dioxane-d8	96	5.634	5.637	-0.003	0	24415	1000.0	1000.0	
73 Methyl methacrylate	100	5.657	5.660	-0.003	92	694	2.00	1.56	
75 1,4-Dioxane	88	5.702	5.695	0.007	34	288	50.0	32.3	
74 Dibromomethane	93	5.702	5.695	0.007	91	1418	1.00	0.9484	
76 n-Propyl acetate	43	5.725	5.717	0.008	98	3083	1.00	0.8350	
77 Dichlorobromomethane	83	5.851	5.854	-0.003	97	2982	1.00	0.9585	
78 2-Nitropropane	41	6.193	6.185	0.008	77	1425	2.00	2.14	
79 2-Chloroethyl vinyl ether	63	6.205	6.197	0.008	64	1184	1.00	0.8123	
80 Epichlorohydrin	57	6.308	6.300	0.008	98	3178	20.0	17.0	
81 cis-1,3-Dichloropropene	75	6.353	6.345	0.008	97	3589	1.00	0.9320	
82 4-Methyl-2-pentanone (MIBK)	43	6.524	6.517	0.007	97	9660	5.00	4.23	
\$ 83 Toluene-d8 (Surr)	98	6.593	6.585	0.008	98	384940	50.0	50.9	
84 Toluene	91	6.661	6.665	-0.004	92	8870	1.00	1.02	
85 trans-1,3-Dichloropropene	75	7.027	7.019	0.008	96	3123	1.00	0.9235	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	7.061	7.053	0.008	91	2066	1.00	0.8208	
87 1,1,2-Trichloroethane	83	7.244	7.236	0.008	93	1706	1.00	0.9559	
88 Tetrachloroethene	166	7.278	7.270	0.008	93	1904	1.00	0.9758	
89 1,3-Dichloropropane	76	7.449	7.441	0.008	97	3445	1.00	1.00	
90 2-Hexanone	58	7.518	7.521	-0.003	98	3009	5.00	4.08	
91 n-Butyl acetate	43	7.643	7.635	0.008	84	3191	1.00	0.8425	
92 Chlorodibromomethane	129	7.678	7.670	0.008	91	1784	1.00	0.8431	
93 Ethylene Dibromide	107	7.826	7.829	-0.003	92	1921	1.00	0.9682	
* 94 Chlorobenzene-d5	117	8.374	8.377	-0.003	91	346899	50.0	50.0	
95 Chlorobenzene	112	8.408	8.412	-0.004	61	5591	1.00	1.00	
96 Ethylbenzene	106	8.522	8.514	0.008	100	2550	1.00	0.8890	
97 1,1,1,2-Tetrachloroethane	131	8.534	8.537	-0.003	90	1783	1.00	0.9011	
98 m-Xylene & p-Xylene	106	8.682	8.674	0.008	0	3032	1.00	0.8803	
99 o-Xylene	106	9.196	9.199	-0.003	91	3011	1.00	0.8612	
100 n-Butyl acrylate	73	9.196	9.199	-0.003	59	1252	1.00	0.8184	
101 Styrene	104	9.230	9.234	-0.004	90	4459	1.00	0.7801	
102 Amyl acetate (mixed isomers)	43	9.459	9.462	-0.003	85	3987	1.00	0.9112	
103 Bromoform	173	9.470	9.462	0.008	60	1139	1.00	0.8318	
104 Isopropylbenzene	105	9.596	9.599	-0.003	96	7005	1.00	0.8430	
\$ 105 4-Bromofluorobenzene	174	9.801	9.793	0.008	92	121963	50.0	51.6	
106 Bromobenzene	156	9.915	9.919	-0.004	94	2231	1.00	0.9583	
107 1,1,2,2-Tetrachloroethane	83	9.972	9.976	-0.004	84	2745	1.00	1.00	
108 N-Propylbenzene	91	9.995	9.987	0.008	98	9989	1.00	0.9410	
109 1,2,3-Trichloropropane	110	10.018	10.010	0.008	94	556	1.00	0.8962	
110 trans-1,4-Dichloro-2-butene	53	10.029	10.033	-0.004	66	955	1.00	1.08	
111 2-Chlorotoluene	91	10.086	10.090	-0.004	98	6772	1.00	0.9006	
112 4-Ethyltoluene	105	10.098	10.101	-0.003	98	7650	1.00	0.8853	
113 1,3,5-Trimethylbenzene	105	10.155	10.159	-0.003	91	6434	1.00	0.8962	
114 4-Chlorotoluene	91	10.189	10.181	0.008	97	6426	1.00	0.9106	
115 Butyl Methacrylate	87	10.246	10.250	-0.004	92	1912	1.00	0.6291	
116 tert-Butylbenzene	119	10.406	10.410	-0.004	91	4940	1.00	0.8680	
117 1,2,4-Trimethylbenzene	105	10.452	10.455	-0.003	98	6580	1.00	0.8795	
118 sec-Butylbenzene	105	10.577	10.570	0.007	98	7521	1.00	0.8915	
120 1,3-Dichlorobenzene	146	10.680	10.684	-0.004	80	3870	1.00	0.9078	
119 4-Isopropyltoluene	119	10.680	10.684	-0.004	96	6271	1.00	0.8689	
* 121 1,4-Dichlorobenzene-d4	152	10.737	10.741	-0.004	97	189181	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.749	10.752	-0.003	88	4422	1.00	0.99	
123 1,2,3-Trimethylbenzene	105	10.771	10.764	0.007	97	6997	1.00	0.8648	
124 Benzyl chloride	91	10.863	10.855	0.008	96	3826	1.00	0.8399	
125 2,3-Dihydroindene	117	10.908	10.901	0.007	94	7160	1.00	0.9245	
126 p-Diethylbenzene	119	10.954	10.946	0.008	92	3211	1.00	0.8673	
127 n-Butylbenzene	92	10.966	10.969	-0.003	96	3353	1.00	0.8836	
128 1,2-Dichlorobenzene	146	11.011	11.015	-0.004	92	3997	1.00	0.9502	
129 1,2,4,5-Tetramethylbenzene	119	11.445	11.449	-0.004	98	6423	1.00	0.8896	
130 1,2-Dibromo-3-Chloropropane	157	11.525	11.517	0.008	85	434	1.00	0.8730	
131 1,3,5-Trichlorobenzene	180	11.605	11.597	0.008	95	3537	1.00	1.14	
132 1,2,4-Trichlorobenzene	180	11.993	11.985	0.008	92	2543	1.00	0.9367	
133 Hexachlorobutadiene	225	12.050	12.054	-0.004	88	1080	1.00	1.16	
134 Naphthalene	128	12.153	12.145	0.008	99	7202	1.00	1.02	
135 1,2,3-Trichlorobenzene	180	12.301	12.305	-0.004	90	2820	1.00	1.10	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.01	
S 137 Xylenes, Total	100				0		2.00	1.74	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 138 Total BTEX

1

0

5.00

4.63

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00158

Amount Added: 10.00

Units: uL

524freon_00056

Amount Added: 10.00

Units: uL

GASES Li_00491

Amount Added: 10.00

Units: uL

ACROLEIN W_00143

Amount Added: 4.00

Units: uL

14DIOXINTER_00145

Amount Added: 30.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

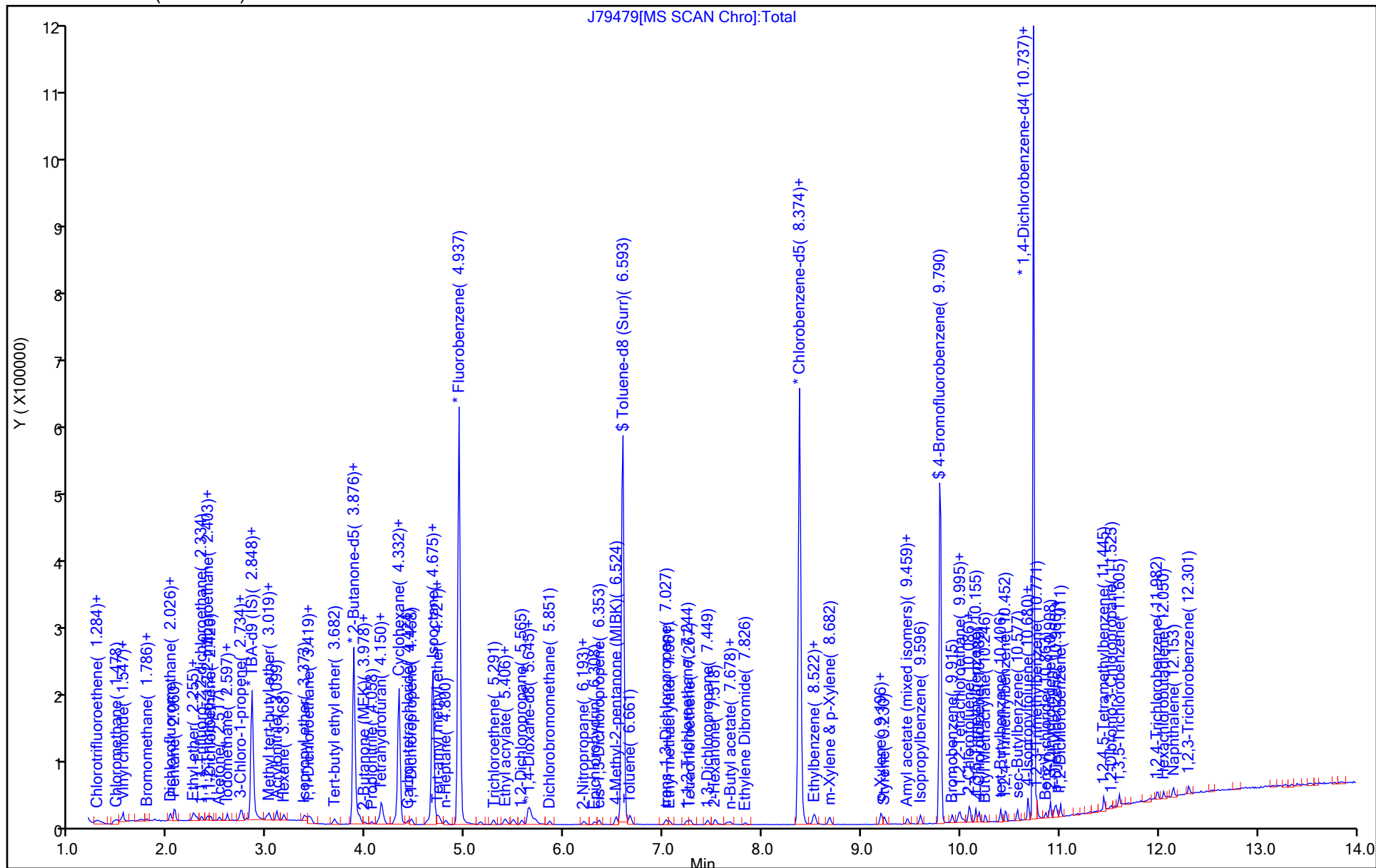
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

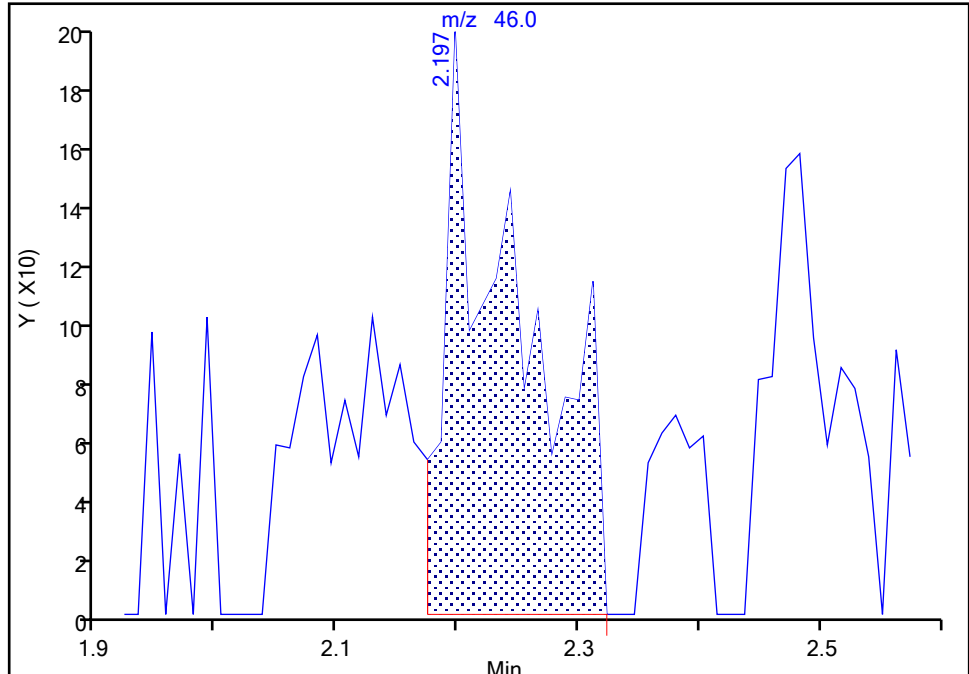
Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

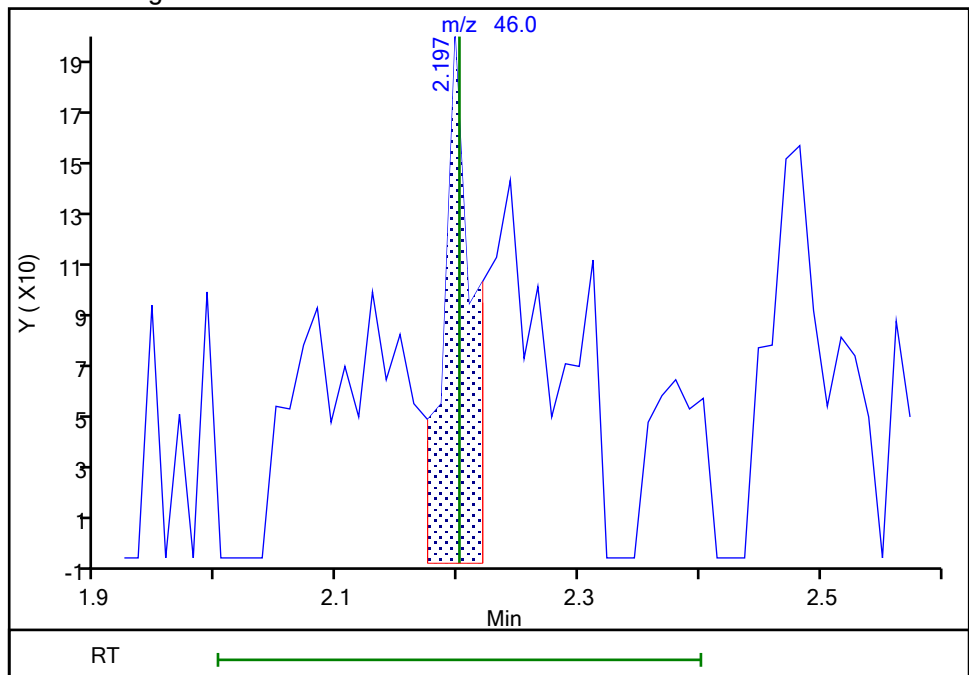
RT: 2.20
Area: 854
Amount: 120.6760
Amount Units: ug/l

Processing Integration Results



RT: 2.20
Area: 353
Amount: 43.270065
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:19:37

Audit Action: Manually Integrated

Audit Reason: Shouldering

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

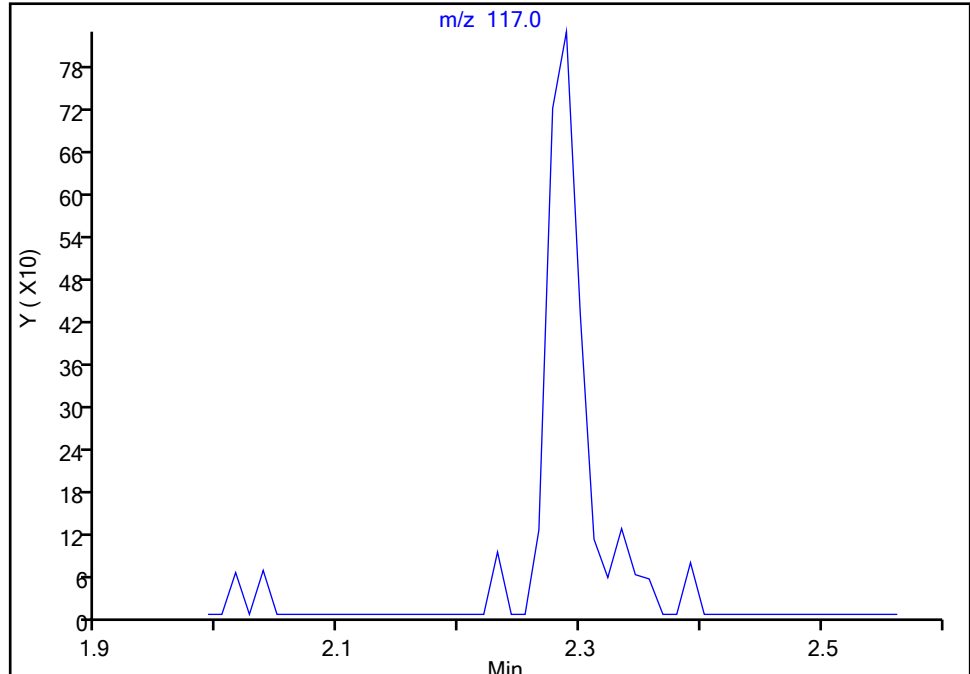
17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

Not Detected

Expected RT: 2.28

Processing Integration Results



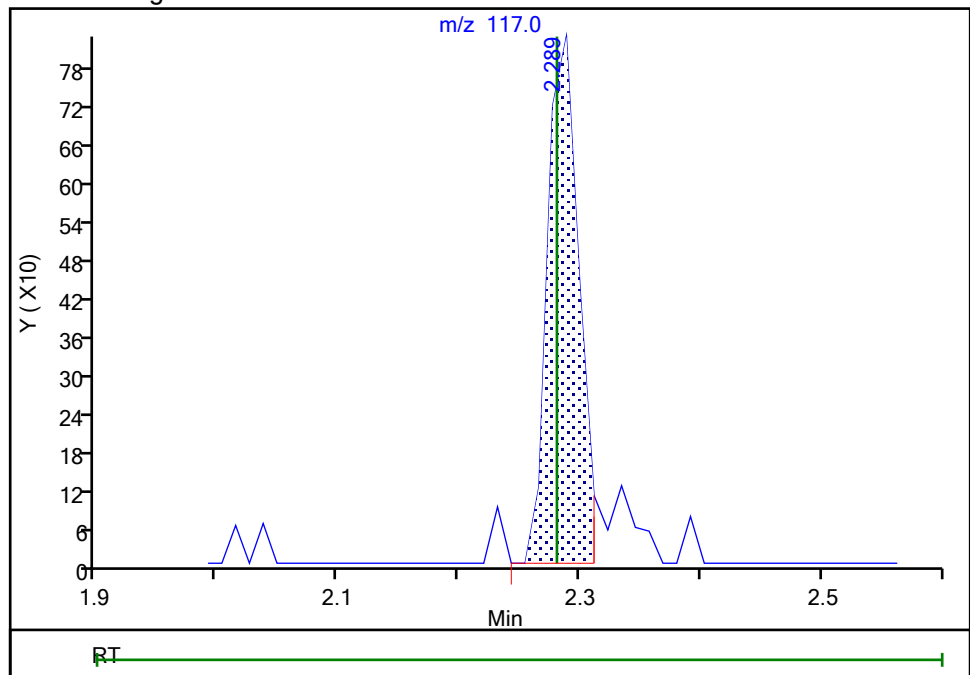
RT: 2.29

Area: 1497

Amount: 1.013307

Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:56:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

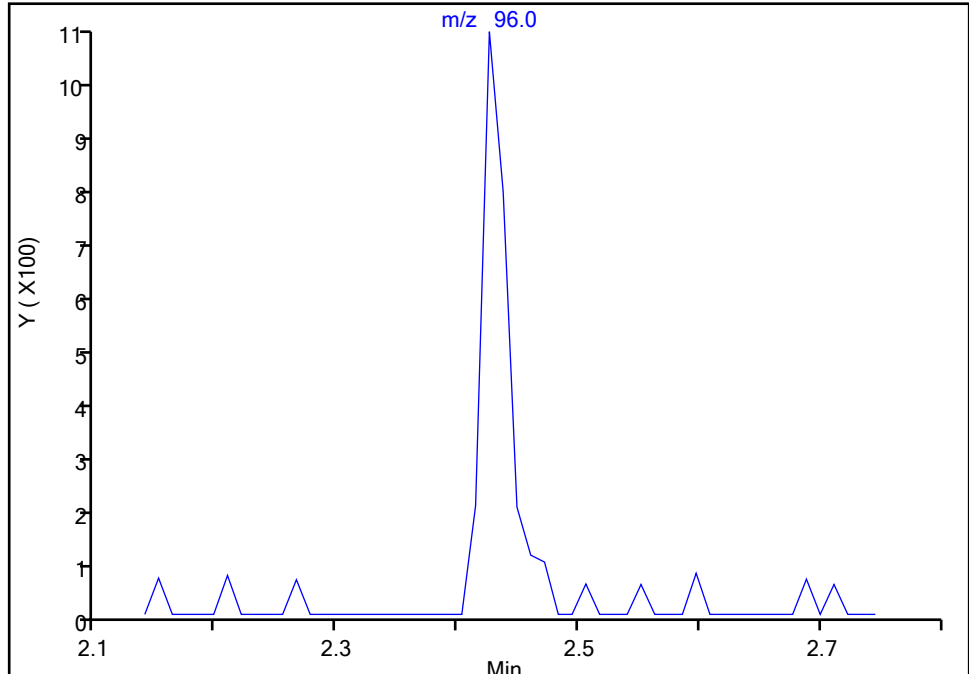
21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

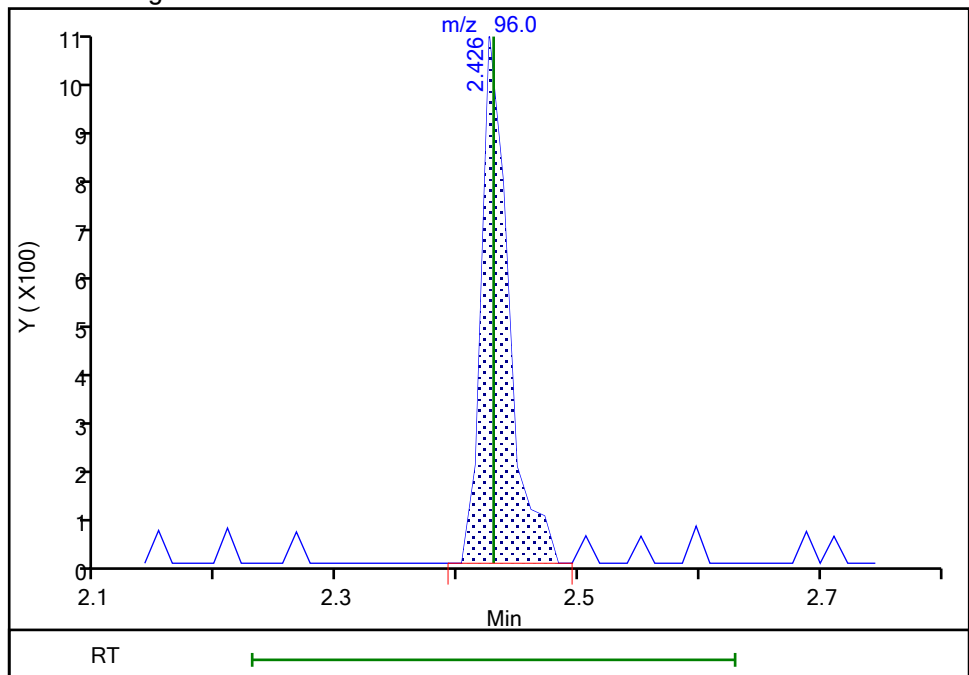
Not Detected

Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 1711
Amount: 0.929895
Amount Units: ug/l

Reviewer: RD6L, 31-Aug-2022 14:56:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

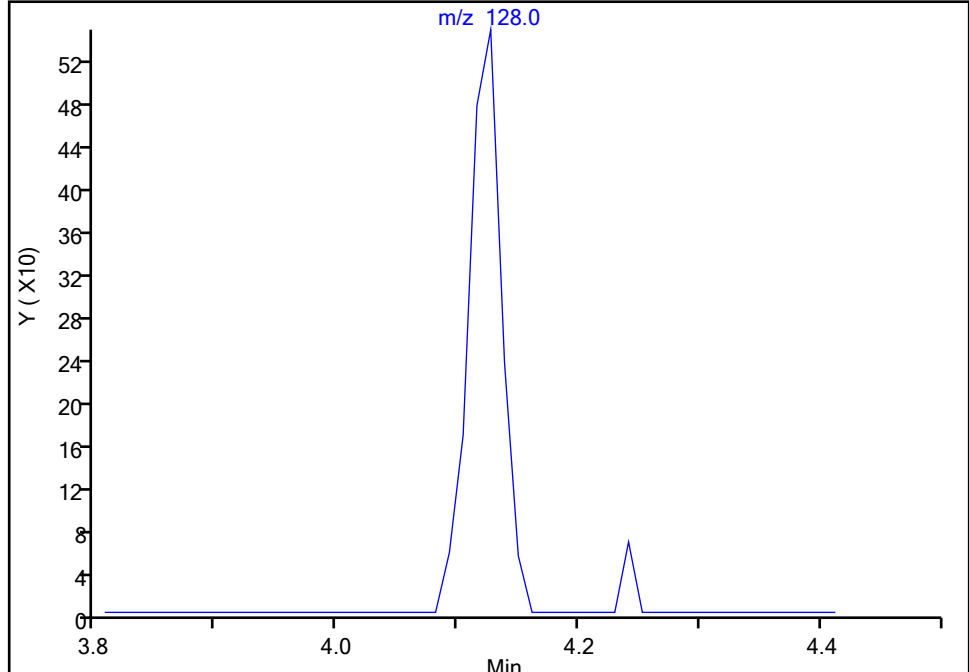
50 Chlorobromomethane, CAS: 74-97-5

Signal: 1

Not Detected

Expected RT: 4.12

Processing Integration Results



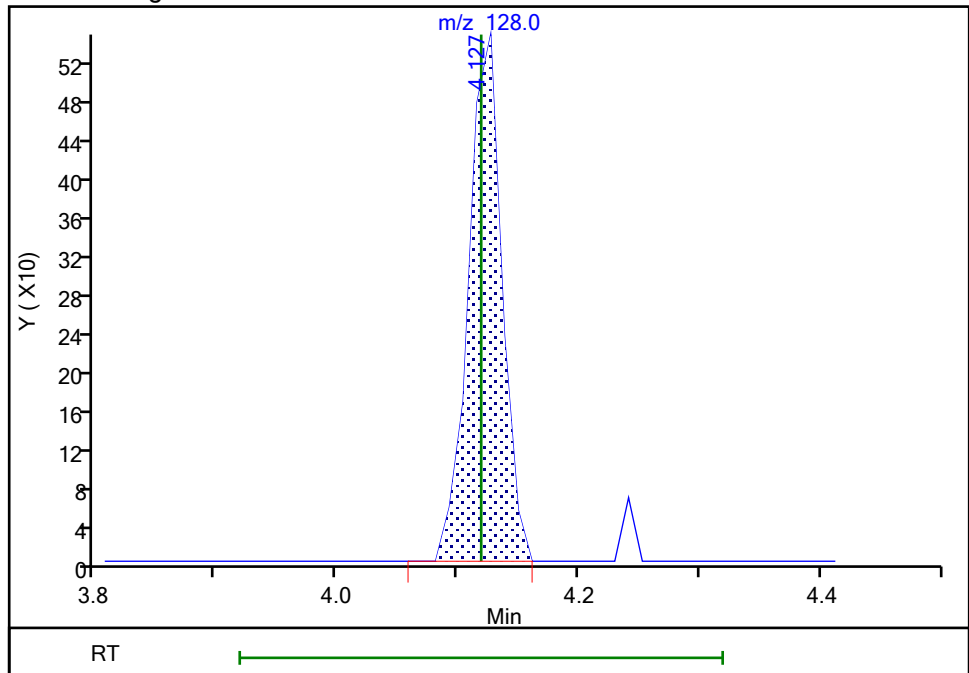
RT: 4.13

Area: 1048

Amount: 0.967460

Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:56:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

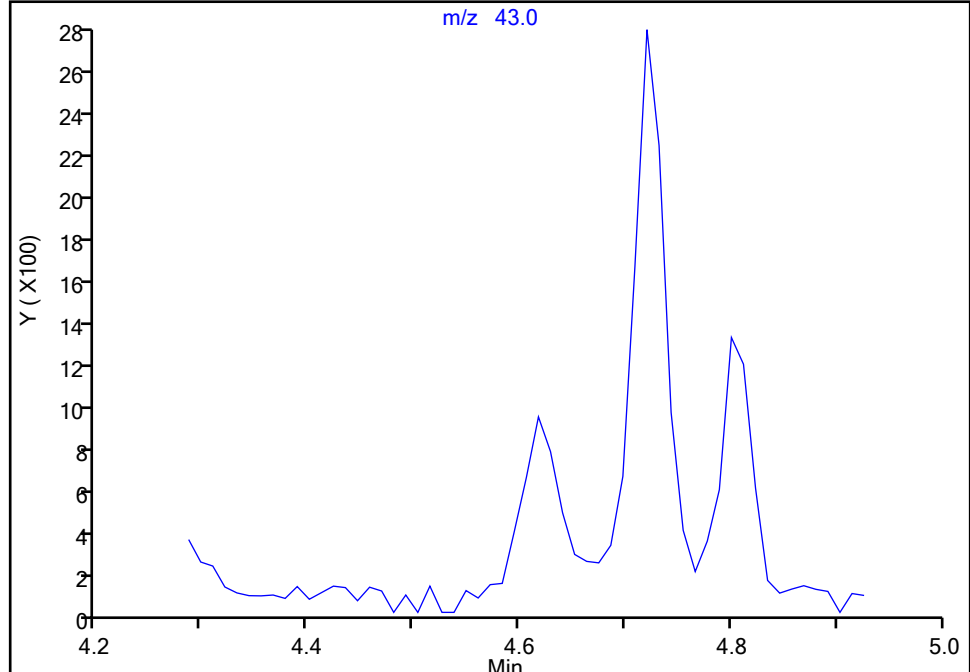
58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

Not Detected

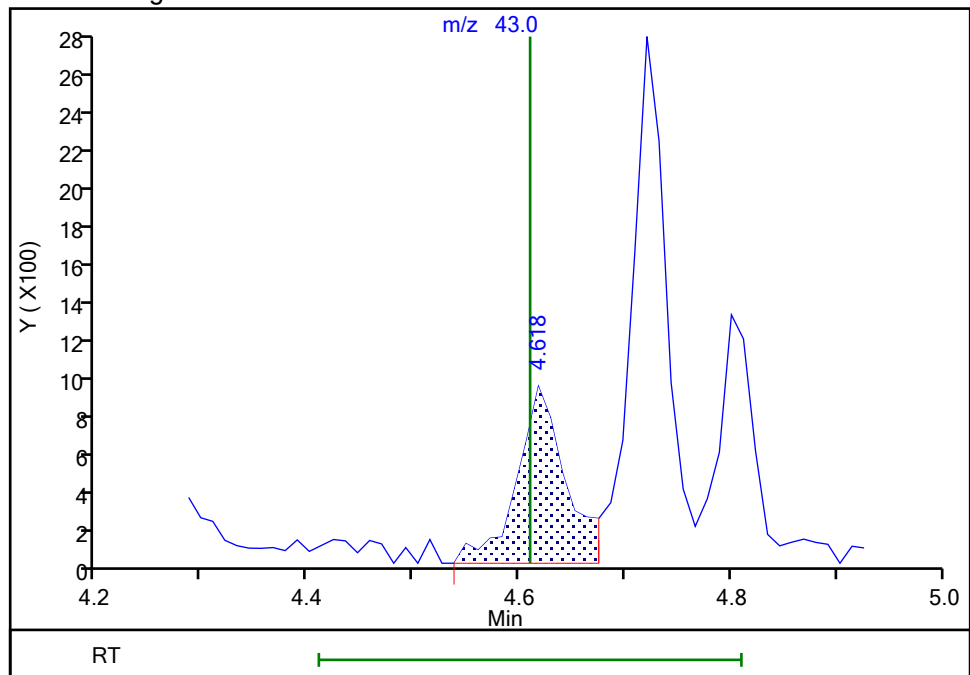
Expected RT: 4.61

Processing Integration Results



RT: 4.62
Area: 2989
Amount: 25.633166
Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:56:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

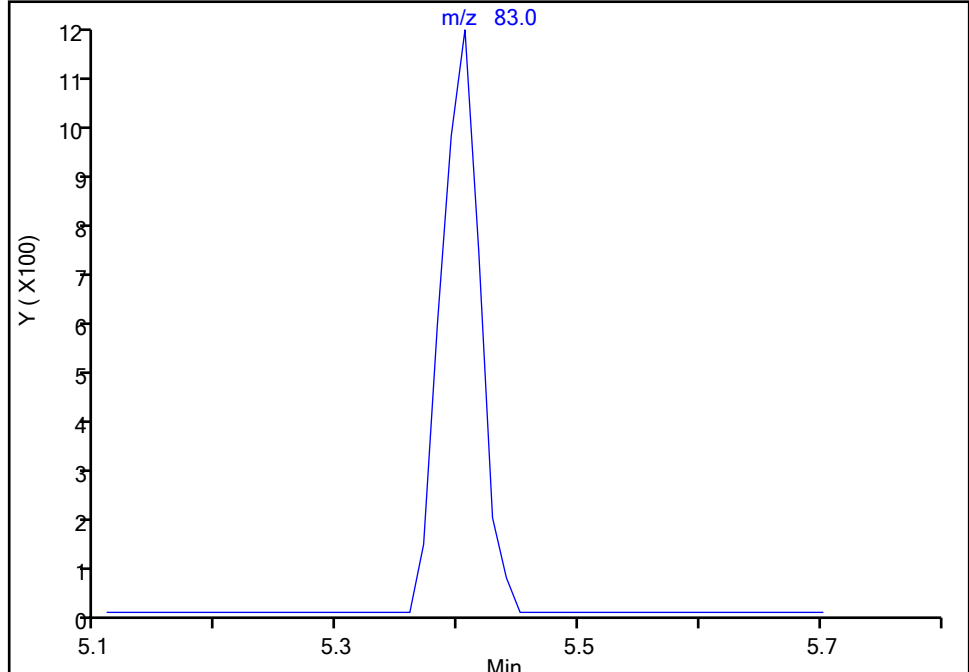
69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

Not Detected

Expected RT: 5.40

Processing Integration Results



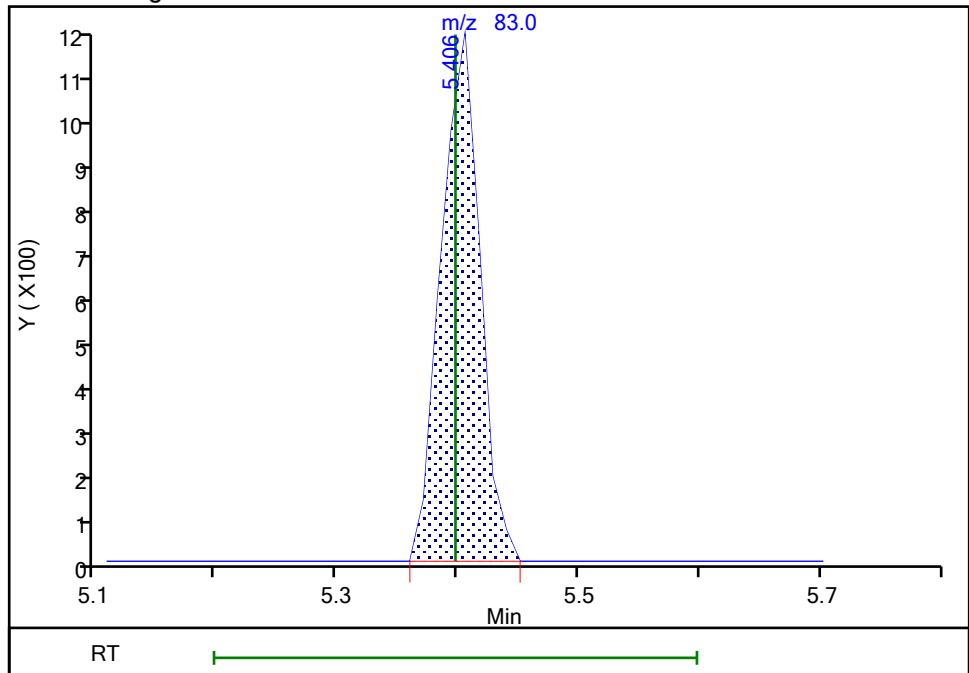
RT: 5.41

Area: 2513

Amount: 0.834657

Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:56:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

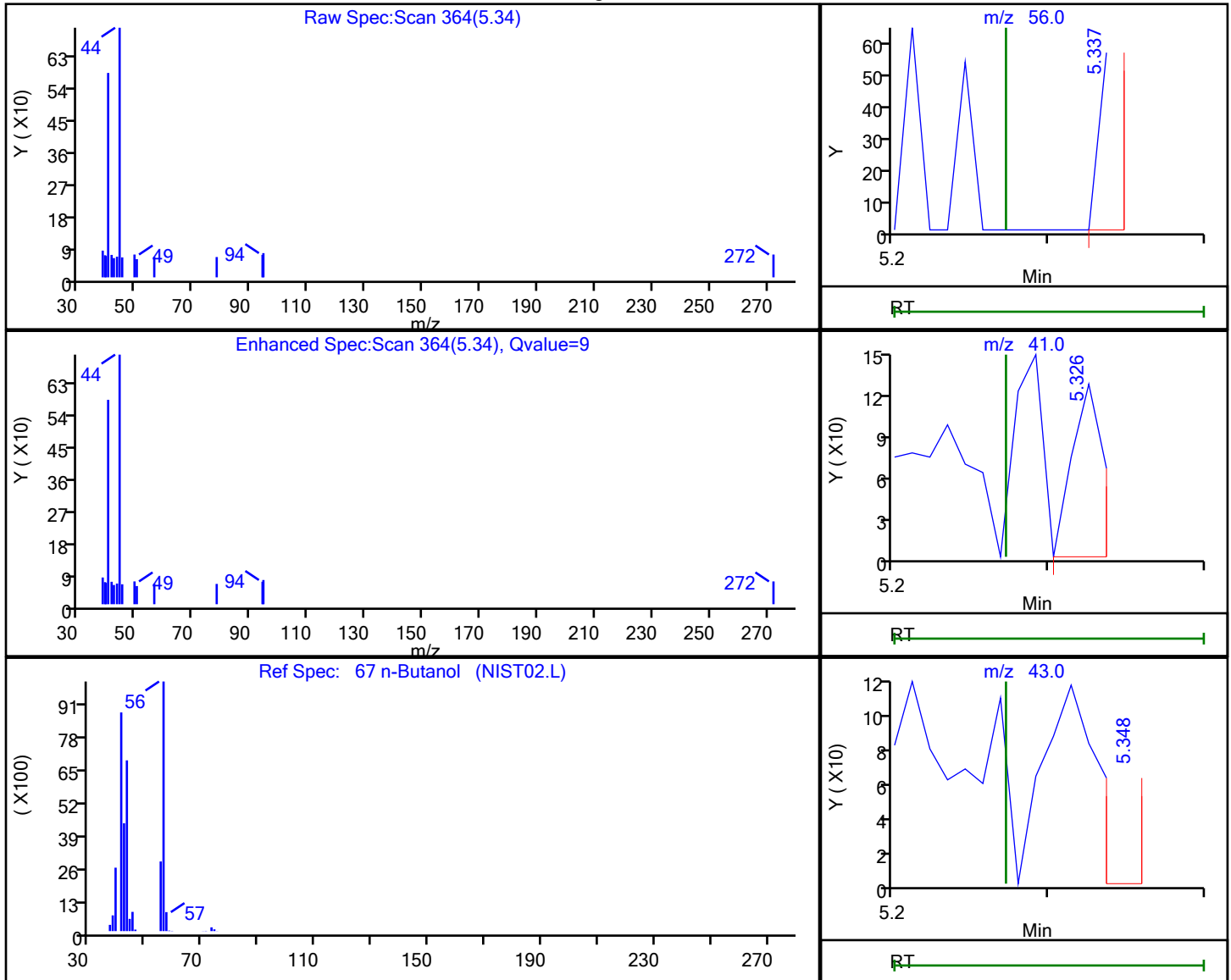
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.34	56.00	39	2.062638
5.33	41.00	176	
5.35	43.00	134	

Reviewer: W9CM, 01-Sep-2022 18:00:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 31-Aug-2022 13:47:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0149864-005
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:24 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: RD6L

Date: 31-Aug-2022 14:56:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.263	1.265	-0.002	94	907	5.00	4.07	
4 Dichlorodifluoromethane	85	1.286	1.288	-0.002	98	13031	5.00	4.16	
5 Chlorodifluoromethane	67	1.320	1.310	0.010	97	2081	5.00	4.36	
6 Chloromethane	50	1.446	1.447	-0.001	100	18286	5.00	4.40	
7 Vinyl chloride	62	1.526	1.527	-0.001	99	13406	5.00	4.39	
8 Butadiene	54	1.548	1.539	0.009	96	13470	5.00	4.32	M
9 Bromomethane	94	1.788	1.790	-0.002	94	5403	5.00	4.00	
10 Chloroethane	64	1.857	1.858	-0.001	97	7467	5.00	4.78	
12 Dichlorofluoromethane	67	2.016	2.018	-0.002	97	21704	5.00	4.60	
11 Trichlorofluoromethane	101	2.028	2.018	0.010	98	15142	5.00	4.58	
13 Pentane	43	2.062	2.064	-0.002	96	38281	10.0	9.06	
14 Ethanol	46	2.211	2.201	0.010	75	1664	200.0	201.0	M
15 Ethyl ether	59	2.245	2.247	-0.002	92	8195	5.00	4.36	
16 2-Methyl-1,3-butadiene	53	2.256	2.258	-0.002	95	9947	5.00	4.20	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.291	2.281	0.009	97	6855	5.00	4.65	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.336	2.338	-0.002	97	13673	5.00	4.47	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.393	2.395	-0.002	96	8981	5.00	4.48	
19 Acrolein	56	2.405	2.406	-0.001	98	5784	20.0	18.4	
21 1,1-Dichloroethene	96	2.428	2.429	-0.001	93	8260	5.00	4.50	
22 Acetone	43	2.519	2.521	-0.002	84	15307	25.0	21.0	
23 Iodomethane	142	2.565	2.566	-0.002	97	4228	5.00	1.67	
24 Carbon disulfide	76	2.599	2.601	-0.002	100	33261	5.00	4.49	
25 Isopropyl alcohol	45	2.599	2.601	-0.002	97	4380	50.0	43.0	
26 3-Chloro-1-propene	76	2.724	2.726	-0.002	89	5716	5.00	4.39	
27 Cyclopentene	67	2.747	2.738	0.009	95	25661	5.00	4.44	
28 Methyl acetate	43	2.747	2.738	0.009	77	17759	10.0	8.84	
29 Acetonitrile	41	2.793	2.795	-0.002	98	17037	50.0	54.8	M
* 30 TBA-d9 (IS)	65	2.850	2.852	-0.002	80	196694	1000.0	1000.0	
31 Methylene Chloride	84	2.850	2.852	-0.002	36	11044	5.00	4.67	
32 2-Methyl-2-propanol	59	2.918	2.909	0.009	90	6434	50.0	45.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.998	3.000	-0.002	96	25613	5.00	4.31	
34 trans-1,2-Dichloroethene	96	3.021	3.023	-0.002	97	9207	5.00	4.39	
35 Acrylonitrile	53	3.101	3.092	0.009	94	39201	50.0	44.6	
36 Hexane	57	3.170	3.171	-0.001	93	13058	5.00	4.30	
37 Isopropyl ether	45	3.375	3.377	-0.002	96	39192	5.00	4.34	
38 1,1-Dichloroethane	63	3.398	3.400	-0.002	99	20125	5.00	4.39	
39 Vinyl acetate	43	3.421	3.423	-0.002	100	46512	10.0	8.47	
40 2-Chloro-1,3-butadiene	88	3.444	3.445	-0.001	94	7983	5.00	4.29	
41 Tert-butyl ethyl ether	59	3.683	3.685	-0.002	87	28118	5.00	4.17	
* 43 2-Butanone-d5	46	3.877	3.868	0.009	88	304047	250.0	250.0	
42 2,2-Dichloropropane	79	3.877	3.879	-0.002	46	5068	5.00	4.77	
44 cis-1,2-Dichloroethene	96	3.900	3.902	-0.002	93	9857	5.00	4.40	
46 2-Butanone (MEK)	72	3.935	3.925	0.009	94	4826	25.0	21.8	
45 Ethyl acetate	70	3.935	3.936	-0.002	94	1735	10.0	8.18	
47 Methyl acrylate	55	3.980	3.982	-0.002	99	9012	5.00	4.48	
48 Propionitrile	54	4.060	4.051	0.009	97	13986	50.0	46.6	
50 Chlorobromomethane	128	4.129	4.119	0.010	94	5109	5.00	4.73	
49 Tetrahydrofuran	72	4.129	4.130	-0.001	81	2133	10.0	9.15	
51 Methacrylonitrile	67	4.151	4.153	-0.002	98	38855	50.0	43.2	
52 Chloroform	83	4.174	4.176	-0.002	96	17581	5.00	4.45	
53 Cyclohexane	84	4.288	4.290	-0.002	98	12501	5.00	4.29	
54 1,1,1-Trichloroethane	97	4.311	4.313	-0.002	93	13236	5.00	4.28	
\$ 55 Dibromofluoromethane (Surr)	113	4.334	4.325	0.009	95	104399	50.0	50.1	
56 Carbon tetrachloride	117	4.425	4.427	-0.002	95	11890	5.00	4.44	
57 1,1-Dichloropropene	75	4.460	4.462	-0.002	92	12842	5.00	4.18	
58 Isobutyl alcohol	43	4.620	4.610	0.010	57	11222	125.0	94.8	
59 Isooctane	57	4.620	4.621	-0.001	89	22702	5.00	4.16	
60 Benzene	78	4.654	4.656	-0.002	96	38810	5.00	4.52	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.677	4.667	0.010	0	138462	50.0	50.8	
63 Tert-amyl methyl ether	55	4.722	4.724	-0.002	71	9680	5.00	5.00	
62 Isopropyl acetate	43	4.722	4.724	-0.002	93	30442	5.00	4.10	
64 1,2-Dichloroethane	62	4.745	4.747	-0.002	96	14469	5.00	4.30	
65 n-Heptane	57	4.802	4.804	-0.002	96	4868	5.00	4.20	
* 66 Fluorobenzene	96	4.939	4.941	-0.002	97	467806	50.0	50.0	
67 n-Butanol	56	5.339	5.272	0.067	22	1873	125.0	61.0	M
68 Trichloroethene	95	5.282	5.284	-0.002	96	9661	5.00	4.39	
69 Methylcyclohexane	83	5.396	5.398	-0.002	85	12428	5.00	4.14	
70 Ethyl acrylate	55	5.407	5.409	-0.002	97	22604	5.00	4.02	
71 1,2-Dichloropropane	63	5.567	5.569	-0.002	90	11709	5.00	4.39	
* 72 1,4-Dioxane-d8	96	5.636	5.637	-0.001	0	24494	1000.0	1000.0	
73 Methyl methacrylate	100	5.658	5.660	-0.002	94	3548	10.0	8.00	
75 1,4-Dioxane	88	5.693	5.695	-0.002	38	1622	100.0	179.0	
74 Dibromomethane	93	5.704	5.695	0.009	94	6725	5.00	4.51	
76 n-Propyl acetate	43	5.716	5.717	-0.001	97	15370	5.00	4.17	
77 Dichlorobromomethane	83	5.853	5.854	-0.001	97	13364	5.00	4.30	
78 2-Nitropropane	41	6.184	6.185	-0.001	88	5665	10.0	8.38	
79 2-Chloroethyl vinyl ether	63	6.195	6.197	-0.002	68	5342	5.01	3.67	
80 Epichlorohydrin	57	6.298	6.300	-0.002	98	15876	100.0	83.5	
81 cis-1,3-Dichloropropene	75	6.355	6.345	0.010	95	16756	5.00	4.37	
82 4-Methyl-2-pentanone (MIBK)	43	6.515	6.517	-0.002	98	46214	25.0	19.9	
\$ 83 Toluene-d8 (Surr)	98	6.583	6.585	-0.002	98	376682	50.0	50.0	
84 Toluene	91	6.663	6.665	-0.002	92	37922	5.00	4.39	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.028	7.019	0.009	98	13661	5.00	4.05	
86 Ethyl methacrylate	69	7.063	7.053	0.010	96	9448	5.00	3.76	
87 1,1,2-Trichloroethane	83	7.234	7.236	-0.002	93	7822	5.00	4.40	
88 Tetrachloroethene	166	7.268	7.270	-0.002	94	8454	5.00	4.35	
89 1,3-Dichloropropane	76	7.451	7.441	0.010	96	15083	5.00	4.39	
90 2-Hexanone	58	7.519	7.521	-0.002	97	13874	25.0	18.5	
91 n-Butyl acetate	43	7.634	7.635	-0.001	97	15542	5.00	4.12	
92 Chlorodibromomethane	129	7.679	7.670	0.009	97	8943	5.00	4.24	
93 Ethylene Dibromide	107	7.828	7.829	-0.001	97	8660	5.00	4.38	
* 94 Chlorobenzene-d5	117	8.376	8.377	-0.001	90	345647	50.0	50.0	
95 Chlorobenzene	112	8.410	8.412	-0.002	93	24439	5.00	4.37	
96 Ethylbenzene	106	8.524	8.514	0.010	99	11950	5.00	4.18	
97 1,1,1,2-Tetrachloroethane	131	8.535	8.537	-0.002	91	8593	5.00	4.36	
98 m-Xylene & p-Xylene	106	8.684	8.674	0.010	0	14155	5.00	4.12	
99 o-Xylene	106	9.198	9.199	-0.001	92	14369	5.00	4.12	
100 n-Butyl acrylate	73	9.198	9.199	-0.001	63	5482	5.00	3.60	
101 Styrene	104	9.232	9.234	-0.002	93	23645	5.00	4.15	
102 Amyl acetate (mixed isomers)	43	9.460	9.462	-0.002	88	16956	5.00	3.81	
103 Bromoform	173	9.460	9.462	-0.002	60	5553	5.00	4.07	
104 Isopropylbenzene	105	9.597	9.599	-0.002	97	34177	5.00	4.13	
\$ 105 4-Bromofluorobenzene	174	9.791	9.793	-0.002	89	120262	50.0	51.1	
106 Bromobenzene	156	9.917	9.919	-0.002	96	10129	5.00	4.28	
107 1,1,2,2-Tetrachloroethane	83	9.974	9.976	-0.002	98	12254	5.00	4.38	
108 N-Propylbenzene	91	9.985	9.987	-0.002	98	45292	5.00	4.20	
109 1,2,3-Trichloropropane	110	10.008	10.010	-0.002	95	2798	5.00	4.44	
110 trans-1,4-Dichloro-2-butene	53	10.031	10.033	-0.002	85	3711	5.00	4.12	
111 2-Chlorotoluene	91	10.088	10.090	-0.002	97	32067	5.00	4.20	
112 4-Ethyltoluene	105	10.100	10.101	-0.001	98	36228	5.00	4.12	
113 1,3,5-Trimethylbenzene	105	10.157	10.159	-0.001	93	30064	5.00	4.12	
114 4-Chlorotoluene	91	10.191	10.181	0.010	98	29314	5.00	4.09	
115 Butyl Methacrylate	87	10.248	10.250	-0.002	93	9421	5.00	3.05	M
116 tert-Butylbenzene	119	10.408	10.410	-0.002	94	24003	5.00	4.15	
117 1,2,4-Trimethylbenzene	105	10.454	10.455	-0.001	98	31707	5.00	4.17	
118 sec-Butylbenzene	105	10.579	10.570	0.009	99	36305	5.00	4.23	
120 1,3-Dichlorobenzene	146	10.682	10.684	-0.002	80	18714	5.00	4.32	
119 4-Isopropyltoluene	119	10.682	10.684	-0.002	97	28911	5.00	3.94	
* 121 1,4-Dichlorobenzene-d4	152	10.739	10.741	-0.002	97	192316	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.750	10.752	-0.002	94	20140	5.00	4.45	
123 1,2,3-Trimethylbenzene	105	10.773	10.764	0.009	98	34793	5.00	4.23	
124 Benzyl chloride	91	10.865	10.855	0.009	97	18661	5.00	4.03	
125 2,3-Dihydroindene	117	10.910	10.901	0.009	94	33863	5.00	4.30	
126 p-Diethylbenzene	119	10.944	10.946	-0.002	90	15483	5.00	4.11	
127 n-Butylbenzene	92	10.967	10.969	-0.002	97	15653	5.00	4.06	
128 1,2-Dichlorobenzene	146	11.013	11.015	-0.002	94	18022	5.00	4.21	
129 1,2,4,5-Tetramethylbenzene	119	11.447	11.449	-0.002	97	29432	5.00	4.01	
130 1,2-Dibromo-3-Chloropropane	157	11.515	11.517	-0.002	91	2256	5.00	4.46	
131 1,3,5-Trichlorobenzene	180	11.595	11.597	-0.002	94	12801	5.00	4.06	
132 1,2,4-Trichlorobenzene	180	11.983	11.985	-0.002	93	11597	5.00	4.20	
133 Hexachlorobutadiene	225	12.040	12.054	-0.014	90	3932	5.00	4.16	
134 Naphthalene	128	12.143	12.145	-0.002	99	30291	5.00	4.21	
135 1,2,3-Trichlorobenzene	180	12.292	12.305	-0.013	96	11085	5.00	4.26	
S 136 1,2-Dichloroethene, Total	100				0		10.0	8.79	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	8.25	
S 138 Total BTEX	1				0		25.0	21.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00158	Amount Added: 10.00	Units: uL	
524freon_00056	Amount Added: 10.00	Units: uL	
GASES Li_00491	Amount Added: 10.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

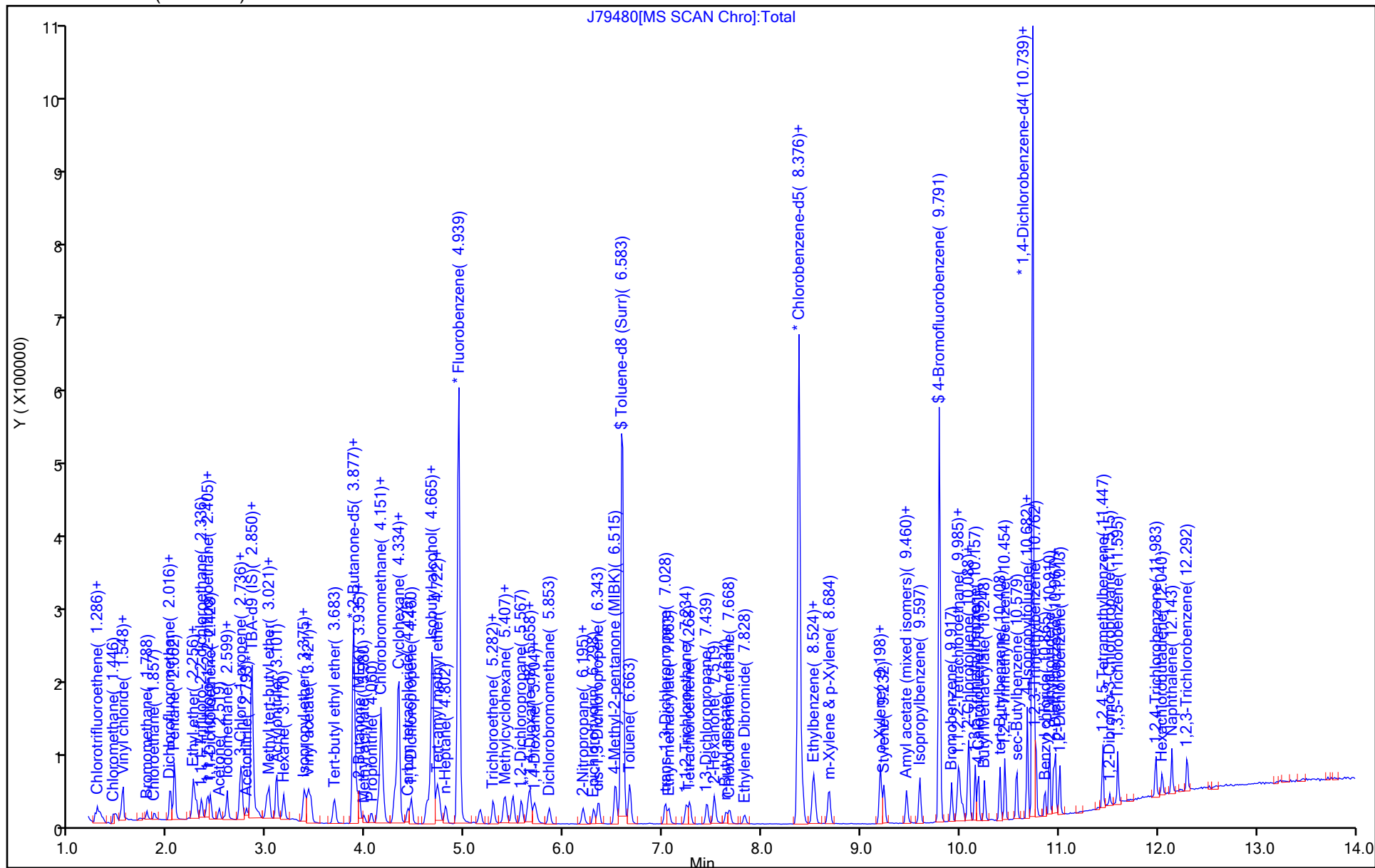
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

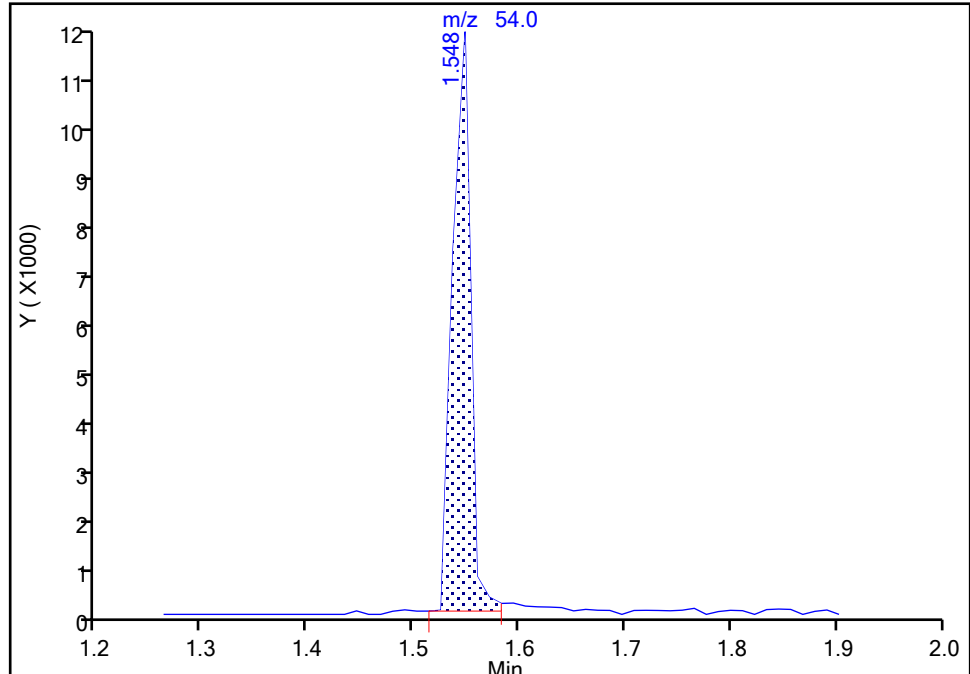
Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

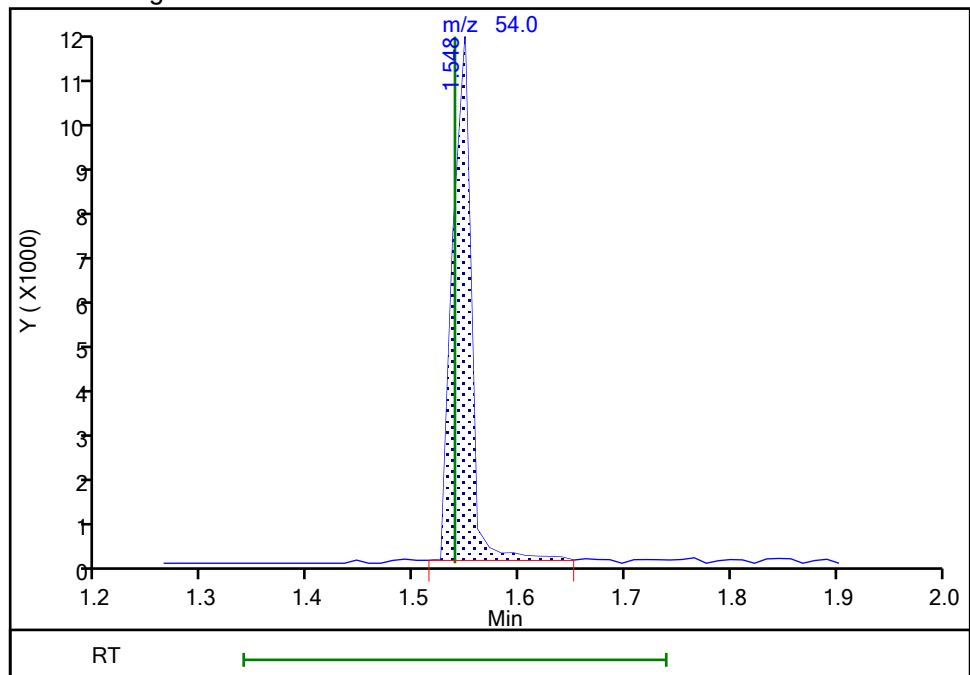
RT: 1.55
Area: 13114
Amount: 4.627641
Amount Units: ug/l

Processing Integration Results



RT: 1.55
Area: 13470
Amount: 4.321144
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:17:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

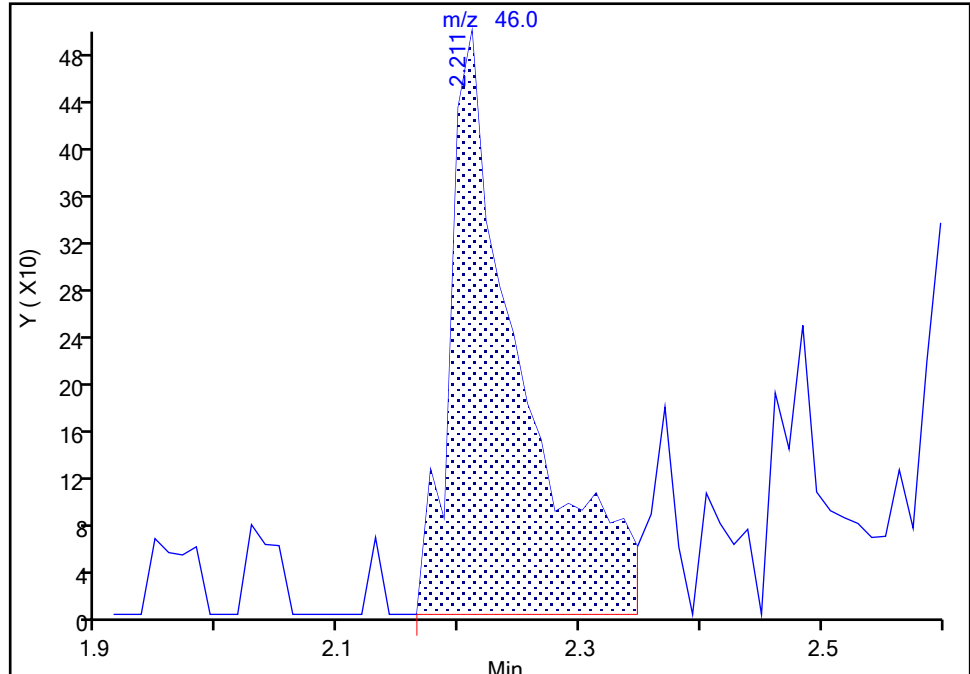
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

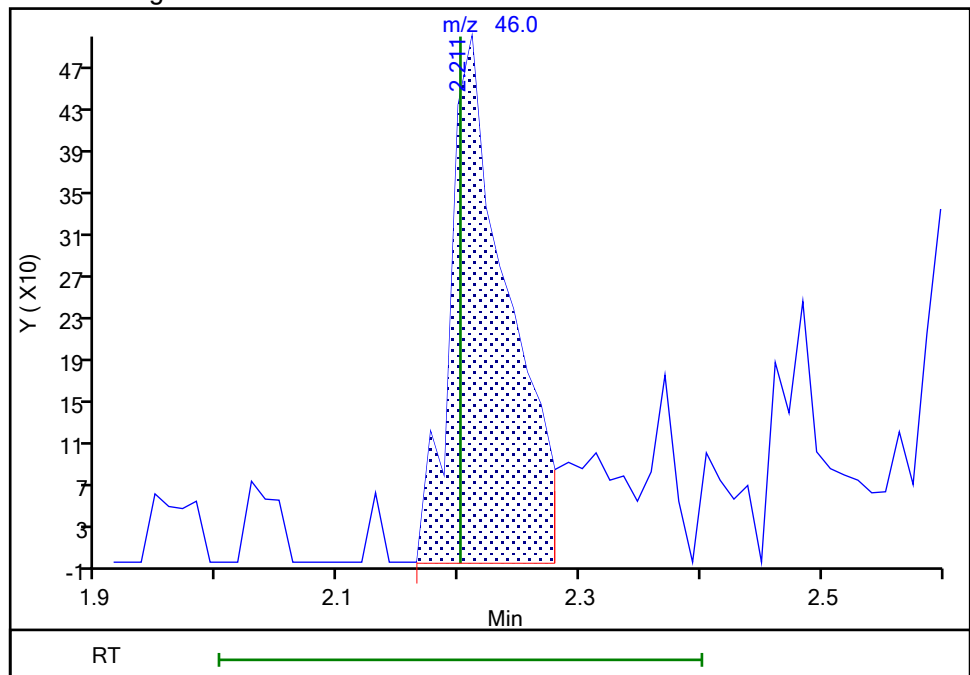
RT: 2.21
Area: 2003
Amount: 266.0094
Amount Units: ug/l

Processing Integration Results



RT: 2.21
Area: 1664
Amount: 200.9761
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:18:46

Audit Action: Manually Integrated

Audit Reason: Shouldering

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

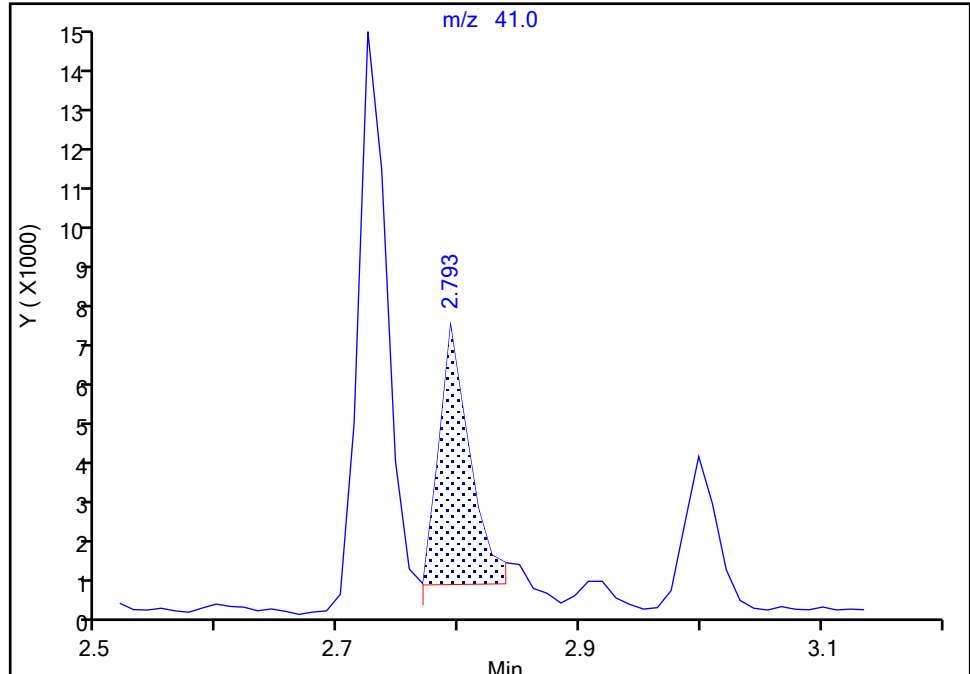
MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

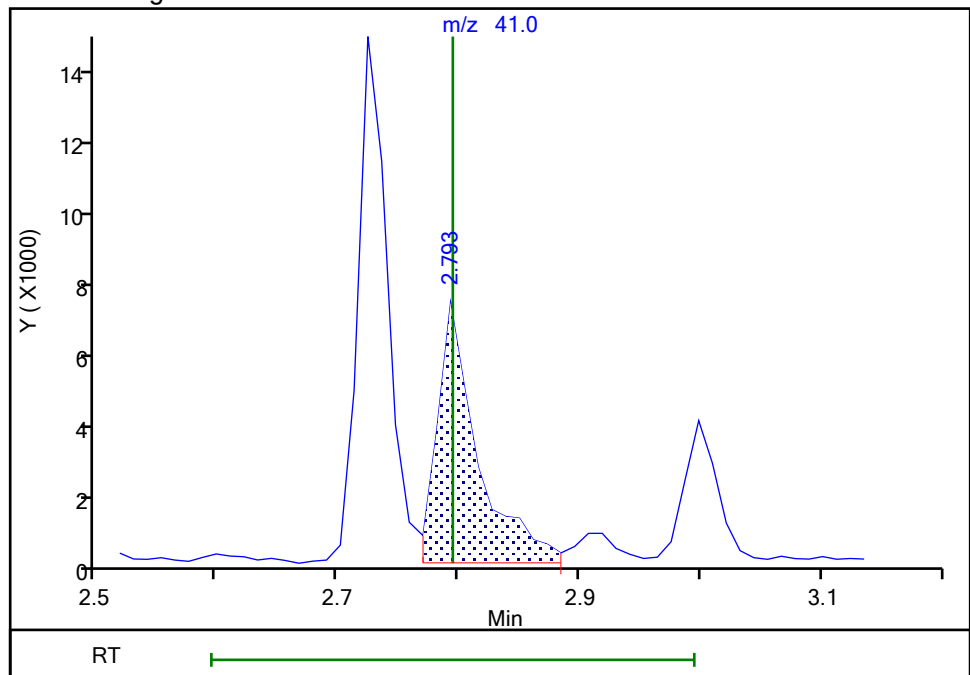
RT: 2.79
Area: 11607
Amount: 32.638921
Amount Units: ug/l

Processing Integration Results



RT: 2.79
Area: 17037
Amount: 54.849246
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:21:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

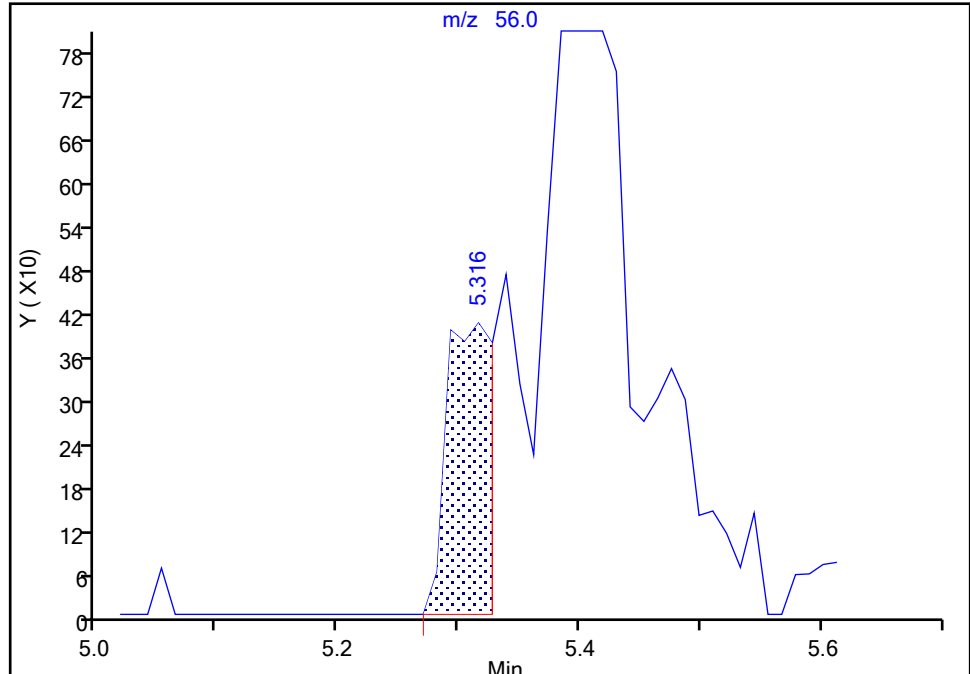
MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

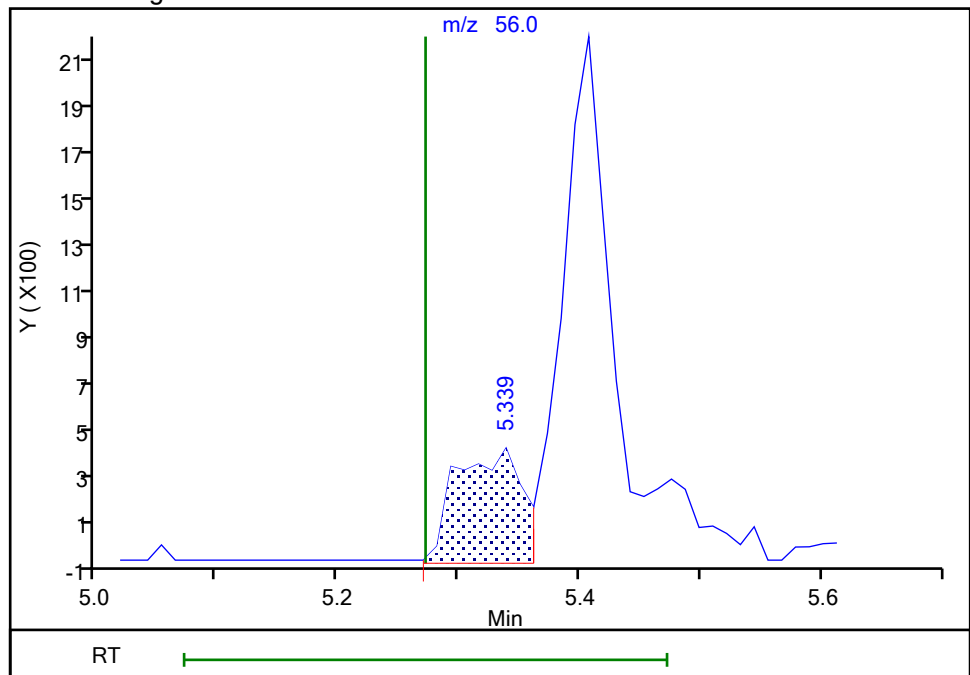
RT: 5.32
Area: 1101
Amount: 62.395562
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 1873
Amount: 61.042292
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:22:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

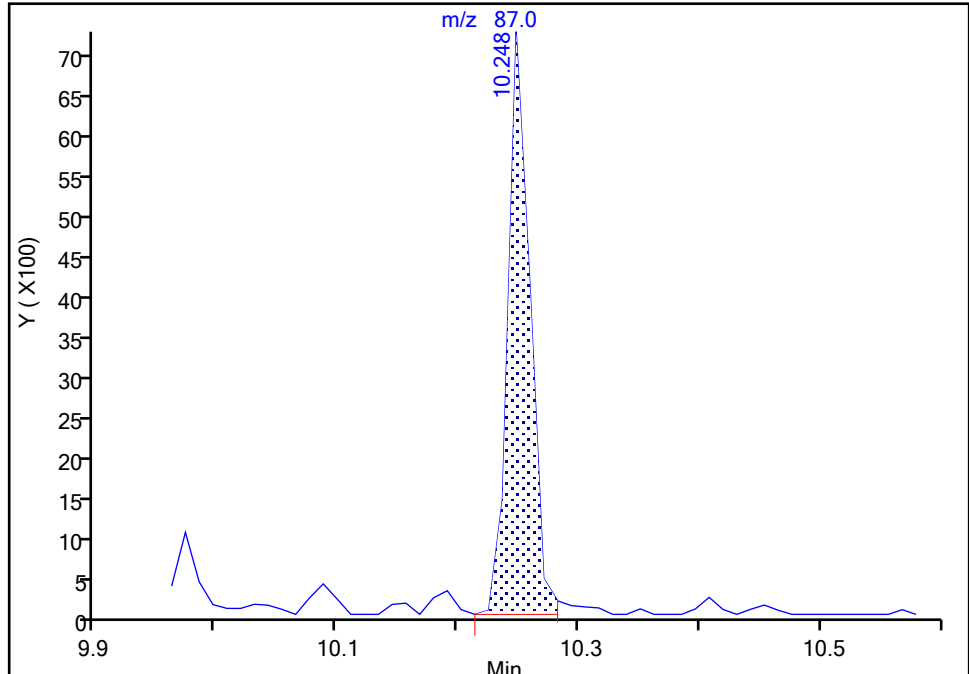
Detector: MS SCAN

115 Butyl Methacrylate, CAS: 97-88-1

Signal: 1

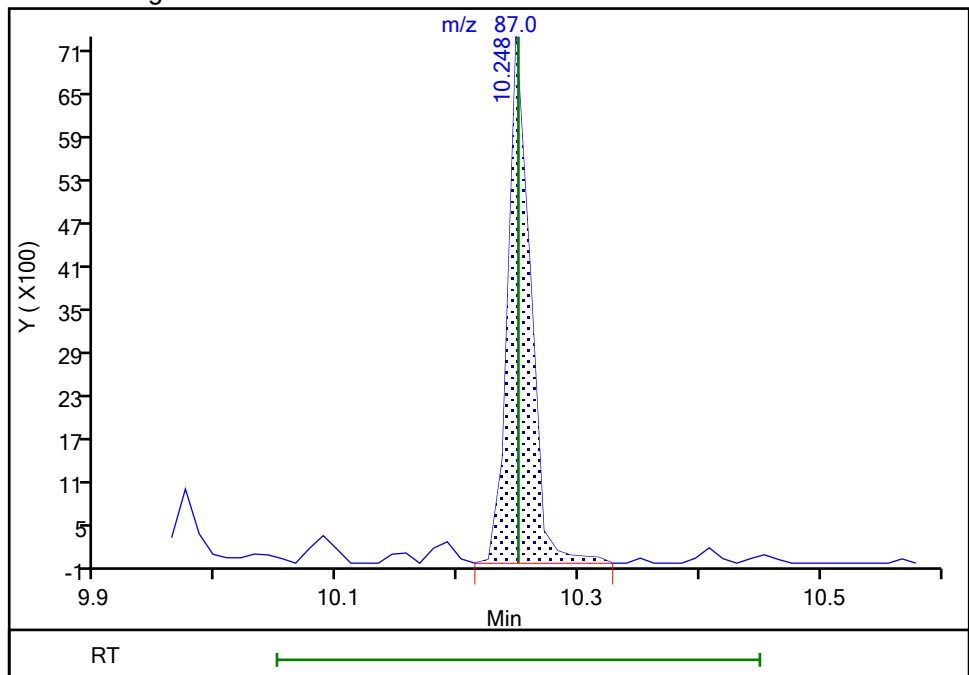
RT: 10.25
Area: 9220
Amount: 3.360157
Amount Units: ug/l

Processing Integration Results



RT: 10.25
Area: 9421
Amount: 3.049521
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:31:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79481.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 31-Aug-2022 14:12:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0149864-006
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:30 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: RD6L

Date: 31-Aug-2022 14:55:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.265	1.265	0.000	91	4437	20.0	19.6	
4 Dichlorodifluoromethane	85	1.288	1.288	0.000	99	60091	20.0	18.9	
5 Chlorodifluoromethane	67	1.310	1.310	0.000	98	9492	20.0	19.6	
6 Chloromethane	50	1.447	1.447	0.000	99	79331	20.0	18.8	
7 Vinyl chloride	62	1.527	1.527	0.000	99	59809	20.0	19.3	
8 Butadiene	54	1.539	1.539	0.000	94	58909	20.0	18.6	
9 Bromomethane	94	1.790	1.790	0.000	98	25135	20.0	18.3	
10 Chloroethane	64	1.858	1.858	0.000	98	32642	20.0	20.6	
12 Dichlorofluoromethane	67	2.018	2.018	0.000	99	95338	20.0	19.9	
11 Trichlorofluoromethane	101	2.018	2.018	0.000	98	67275	20.0	20.1	
13 Pentane	43	2.064	2.064	0.000	96	181065	40.0	42.2	
14 Ethanol	46	2.201	2.201	0.000	98	6205	800.0	744.0	
15 Ethyl ether	59	2.247	2.247	0.000	92	40198	20.0	21.1	
16 2-Methyl-1,3-butadiene	53	2.258	2.258	0.000	97	49112	20.0	20.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.281	2.281	0.000	95	31483	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.338	2.338	0.000	98	60321	20.0	19.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.395	2.395	0.000	95	42489	20.0	20.9	
19 Acrolein	56	2.406	2.406	0.000	94	11831	40.0	37.3	
21 1,1-Dichloroethene	96	2.429	2.429	0.000	93	39348	20.0	21.1	
22 Acetone	43	2.521	2.521	0.000	85	67956	100.0	93.2	
23 Iodomethane	142	2.566	2.566	0.000	99	35812	20.0	14.0	
24 Carbon disulfide	76	2.601	2.601	0.000	100	157360	20.0	20.9	
25 Isopropyl alcohol	45	2.601	2.601	0.000	97	20101	200.0	195.7	
26 3-Chloro-1-propene	76	2.726	2.726	0.000	89	27843	20.0	21.1	
27 Cyclopentene	67	2.738	2.738	0.000	95	121271	20.0	20.7	
28 Methyl acetate	43	2.738	2.738	0.000	78	83381	40.0	40.9	
29 Acetonitrile	41	2.795	2.795	0.000	100	71176	200.0	227.5	
* 30 TBA-d9 (IS)	65	2.852	2.852	0.000	95	198143	1000.0	1000.0	
31 Methylene Chloride	84	2.852	2.852	0.000	61	49568	20.0	20.7	
32 2-Methyl-2-propanol	59	2.909	2.909	0.000	99	28131	200.0	196.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.000	3.000	0.000	97	125060	20.0	20.8	
34 trans-1,2-Dichloroethene	96	3.023	3.023	0.000	97	44327	20.0	20.8	
35 Acrylonitrile	53	3.092	3.092	0.000	94	185243	200.0	209.2	
36 Hexane	57	3.171	3.171	0.000	94	65587	20.0	21.3	
37 Isopropyl ether	45	3.377	3.377	0.000	98	193489	20.0	21.1	
38 1,1-Dichloroethane	63	3.400	3.400	0.000	98	97358	20.0	20.9	
39 Vinyl acetate	43	3.423	3.423	0.000	100	217463	40.0	39.1	
40 2-Chloro-1,3-butadiene	88	3.445	3.445	0.000	93	39195	20.0	20.8	
41 Tert-butyl ethyl ether	59	3.685	3.685	0.000	87	144835	20.0	21.2	
* 43 2-Butanone-d5	46	3.868	3.868	0.000	95	304569	250.0	250.0	
42 2,2-Dichloropropane	79	3.879	3.879	0.000	59	22271	20.0	20.7	
44 cis-1,2-Dichloroethene	96	3.902	3.902	0.000	93	46898	20.0	20.6	
46 2-Butanone (MEK)	72	3.925	3.925	0.000	95	22623	100.0	102.1	
45 Ethyl acetate	70	3.936	3.936	0.000	95	8839	40.0	41.6	
47 Methyl acrylate	55	3.982	3.982	0.000	99	42216	20.0	20.7	
48 Propionitrile	54	4.051	4.051	0.000	97	63241	200.0	209.1	
50 Chlorobromomethane	128	4.119	4.119	0.000	97	23293	20.0	21.2	
49 Tetrahydrofuran	72	4.130	4.130	0.000	90	9661	40.0	41.4	
51 Methacrylonitrile	67	4.153	4.153	0.000	97	190532	200.0	208.8	
52 Chloroform	83	4.176	4.176	0.000	97	83860	20.0	20.9	
53 Cyclohexane	84	4.290	4.290	0.000	98	61580	20.0	20.8	
54 1,1,1-Trichloroethane	97	4.313	4.313	0.000	97	66485	20.0	21.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.325	4.325	0.000	95	107068	50.0	50.6	
56 Carbon tetrachloride	117	4.427	4.427	0.000	97	56147	20.0	20.7	
57 1,1-Dichloropropene	75	4.462	4.462	0.000	92	66989	20.0	21.5	
58 Isobutyl alcohol	43	4.610	4.610	0.000	92	58252	500.0	488.6	
59 Isooctane	57	4.621	4.621	0.000	93	113865	20.0	20.6	
60 Benzene	78	4.656	4.656	0.000	97	191788	20.0	21.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	0	137466	50.0	49.7	
63 Tert-amyl methyl ether	55	4.724	4.724	0.000	70	38853	20.0	19.8	
62 Isopropyl acetate	43	4.724	4.724	0.000	92	152513	20.0	20.2	
64 1,2-Dichloroethane	62	4.747	4.747	0.000	96	71550	20.0	21.0	
65 n-Heptane	57	4.804	4.804	0.000	97	24474	20.0	20.8	
* 66 Fluorobenzene	96	4.941	4.941	0.000	98	474521	50.0	50.0	
67 n-Butanol	56	5.272	5.272	0.000	33	12549	500.0	406.0	a
68 Trichloroethene	95	5.284	5.284	0.000	96	47237	20.0	21.2	
69 Methylcyclohexane	83	5.398	5.398	0.000	87	64959	20.0	21.3	
70 Ethyl acrylate	55	5.409	5.409	0.000	97	121214	20.0	21.2	
71 1,2-Dichloropropane	63	5.569	5.569	0.000	88	56381	20.0	20.8	
* 72 1,4-Dioxane-d8	96	5.637	5.637	0.000	0	24096	1000.0	1000.0	
73 Methyl methacrylate	100	5.660	5.660	0.000	94	18235	40.0	40.5	
75 1,4-Dioxane	88	5.695	5.695	0.000	39	4731	400.0	515.7	
74 Dibromomethane	93	5.695	5.695	0.000	94	31407	20.0	20.7	
76 n-Propyl acetate	43	5.717	5.717	0.000	97	77517	20.0	20.7	
77 Dichlorobromomethane	83	5.854	5.854	0.000	98	65289	20.0	20.7	
78 2-Nitropropane	41	6.185	6.185	0.000	87	25996	40.0	38.2	
79 2-Chloroethyl vinyl ether	63	6.197	6.197	0.000	90	29815	20.0	20.2	
80 Epichlorohydrin	57	6.300	6.300	0.000	99	80018	400.0	419.9	
81 cis-1,3-Dichloropropene	75	6.345	6.345	0.000	96	82877	20.0	20.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.517	6.517	0.000	99	248833	100.0	107.1	
\$ 83 Toluene-d8 (Surr)	98	6.585	6.585	0.000	98	391817	50.0	50.1	
84 Toluene	91	6.665	6.665	0.000	93	188985	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
85 trans-1,3-Dichloropropene	75	7.019	7.019	0.000	97	71957	20.0	20.6	
86 Ethyl methacrylate	69	7.053	7.053	0.000	97	50928	20.0	20.0	
87 1,1,2-Trichloroethane	83	7.236	7.236	0.000	94	37580	20.0	20.4	
88 Tetrachloroethene	166	7.270	7.270	0.000	94	42510	20.0	21.1	
89 1,3-Dichloropropane	76	7.441	7.441	0.000	98	74272	20.0	20.8	
90 2-Hexanone	58	7.521	7.521	0.000	99	78306	100.0	104.4	
91 n-Butyl acetate	43	7.635	7.635	0.000	96	82311	20.0	21.0	
92 Chlorodibromomethane	129	7.670	7.670	0.000	97	45921	20.0	21.0	
93 Ethylene Dibromide	107	7.829	7.829	0.000	99	42282	20.0	20.6	
* 94 Chlorobenzene-d5	117	8.377	8.377	0.000	90	358389	50.0	50.0	
95 Chlorobenzene	112	8.412	8.412	0.000	92	120784	20.0	20.8	
96 Ethylbenzene	106	8.514	8.514	0.000	99	60473	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.537	8.537	0.000	94	41923	20.0	20.5	
98 m-Xylene & p-Xylene	106	8.674	8.674	0.000	0	76358	20.0	21.5	
99 o-Xylene	106	9.199	9.199	0.000	92	76721	20.0	21.2	
100 n-Butyl acrylate	73	9.199	9.199	0.000	67	30877	20.0	19.5	
101 Styrene	104	9.234	9.234	0.000	93	127837	20.0	21.6	
102 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	86	93680	20.0	21.5	
103 Bromoform	173	9.462	9.462	0.000	58	29253	20.0	20.7	
104 Isopropylbenzene	105	9.599	9.599	0.000	97	182457	20.0	21.3	
\$ 105 4-Bromofluorobenzene	174	9.793	9.793	0.000	88	115236	50.0	47.2	
106 Bromobenzene	156	9.919	9.919	0.000	96	50708	20.0	21.8	
107 1,1,2,2-Tetrachloroethane	83	9.976	9.976	0.000	99	58288	20.0	21.2	
108 N-Propylbenzene	91	9.987	9.987	0.000	98	225939	20.0	21.3	
109 1,2,3-Trichloropropane	110	10.010	10.010	0.000	95	13159	20.0	21.3	
110 trans-1,4-Dichloro-2-butene	53	10.033	10.033	0.000	88	18475	20.0	20.9	
111 2-Chlorotoluene	91	10.090	10.090	0.000	97	160793	20.0	21.4	
112 4-Ethyltoluene	105	10.101	10.101	0.000	97	185426	20.0	21.5	
113 1,3,5-Trimethylbenzene	105	10.159	10.159	0.000	92	154879	20.0	21.6	
114 4-Chlorotoluene	91	10.181	10.181	0.000	99	154544	20.0	21.9	
115 Butyl Methacrylate	87	10.250	10.250	0.000	97	57401	20.0	18.9	
116 tert-Butylbenzene	119	10.410	10.410	0.000	92	122717	20.0	21.6	
117 1,2,4-Trimethylbenzene	105	10.455	10.455	0.000	99	160185	20.0	21.5	
118 sec-Butylbenzene	105	10.570	10.570	0.000	99	181571	20.0	21.6	
120 1,3-Dichlorobenzene	146	10.684	10.684	0.000	75	88491	20.0	20.8	
119 4-Isopropyltoluene	119	10.684	10.684	0.000	97	155764	20.0	21.6	
* 121 1,4-Dichlorobenzene-d4	152	10.741	10.741	0.000	96	188817	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.752	10.752	0.000	94	92797	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.764	10.764	0.000	98	176931	20.0	21.9	
124 Benzyl chloride	91	10.855	10.855	0.000	98	98872	20.0	21.7	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	94	164849	20.0	21.3	
126 p-Diethylbenzene	119	10.946	10.946	0.000	93	78334	20.0	21.2	
127 n-Butylbenzene	92	10.969	10.969	0.000	98	83242	20.0	22.0	
128 1,2-Dichlorobenzene	146	11.015	11.015	0.000	96	87944	20.0	20.9	
129 1,2,4,5-Tetramethylbenzene	119	11.449	11.449	0.000	98	153795	20.0	21.3	
130 1,2-Dibromo-3-Chloropropane	157	11.517	11.517	0.000	94	10824	20.0	21.8	
131 1,3,5-Trichlorobenzene	180	11.597	11.597	0.000	96	63158	20.0	20.4	
132 1,2,4-Trichlorobenzene	180	11.985	11.985	0.000	94	57095	20.0	21.1	
133 Hexachlorobutadiene	225	12.054	12.054	0.000	94	19392	20.0	20.9	
134 Naphthalene	128	12.145	12.145	0.000	99	143448	20.0	20.3	
135 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	95	52096	20.0	20.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	42.7	
S 138 Total BTEX	1				0		100.0	105.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158	Amount Added: 20.00	Units: uL	
524freon_00056	Amount Added: 20.00	Units: uL	
GASES Li_00491	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79481.D

Injection Date: 31-Aug-2022 14:12:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

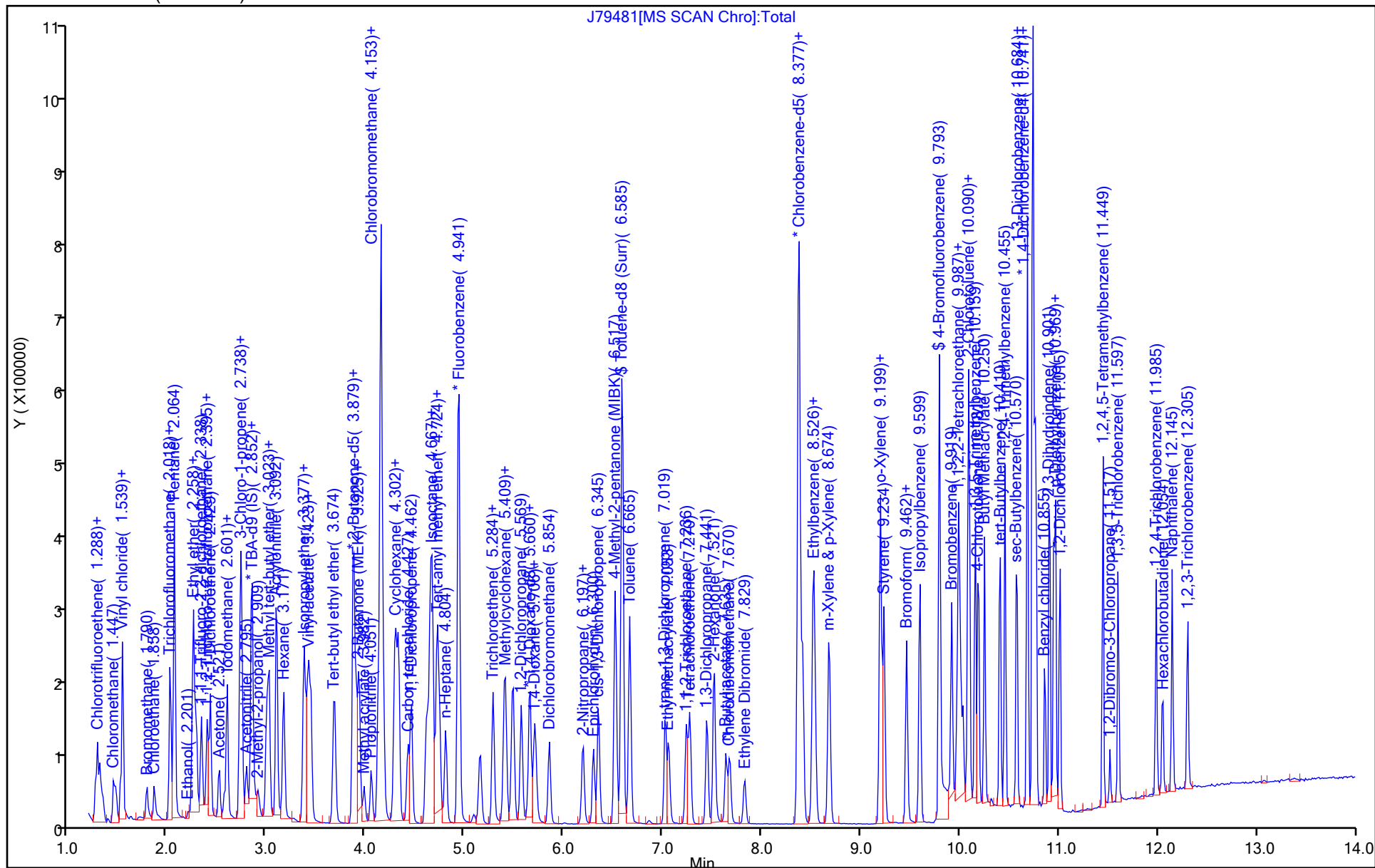
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79481.D

Injection Date: 31-Aug-2022 14:12:30

Instrument ID: CVOAMS8

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

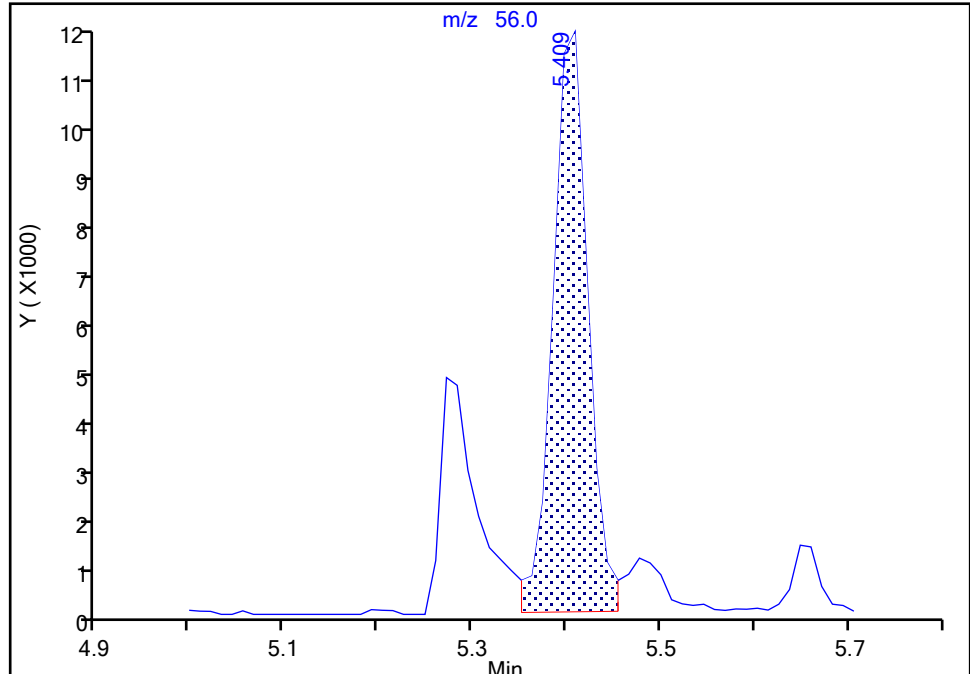
Detector: MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

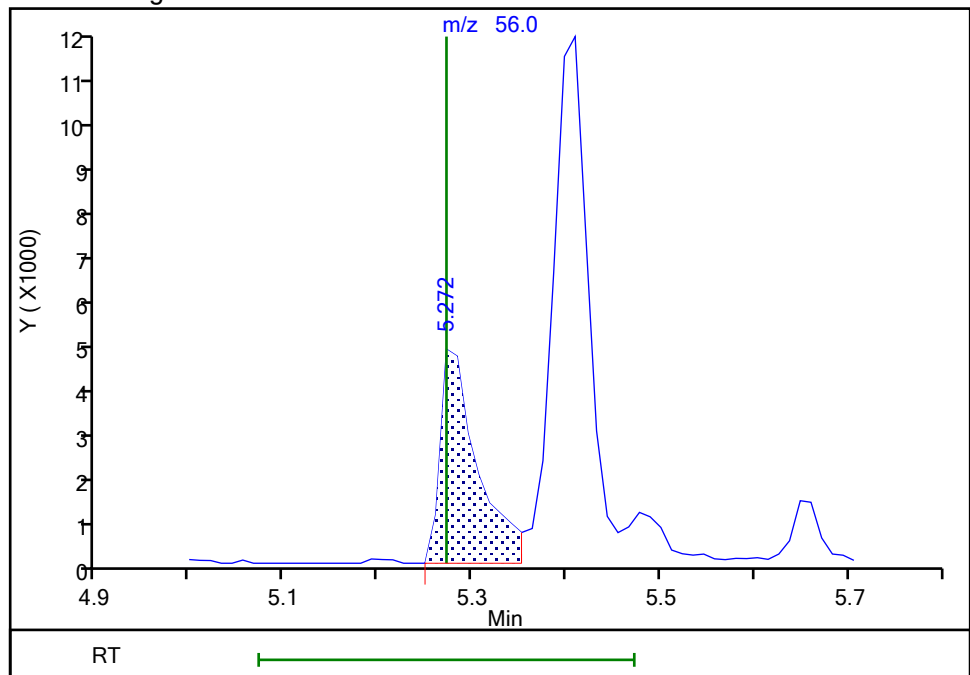
RT: 5.41
Area: 28954
Amount: 1114.5595
Amount Units: ug/l

Processing Integration Results



RT: 5.27
Area: 12549
Amount: 405.9893
Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:54:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79482.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 31-Aug-2022 14:37:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0149864-007
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:36 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: RD6L

Date: 31-Aug-2022 14:54:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.263	1.265	-0.002	97	12284	50.0	53.5	
4 Dichlorodifluoromethane	85	1.286	1.288	-0.002	100	158446	50.0	49.1	
5 Chlorodifluoromethane	67	1.320	1.310	0.010	96	25398	50.0	51.7	
6 Chloromethane	50	1.446	1.447	-0.001	100	207555	50.0	48.5	
7 Vinyl chloride	62	1.526	1.527	-0.001	98	156816	50.0	49.8	
8 Butadiene	54	1.537	1.539	-0.002	95	154115	50.0	48.0	
9 Bromomethane	94	1.788	1.790	-0.002	99	65239	50.0	46.9	
10 Chloroethane	64	1.857	1.858	-0.001	99	87105	50.0	54.1	
12 Dichlorofluoromethane	67	2.017	2.018	-0.001	98	247797	50.0	51.0	
11 Trichlorofluoromethane	101	2.017	2.018	-0.001	98	172664	50.0	50.7	
13 Pentane	43	2.062	2.064	-0.002	96	464656	100.0	106.7	
14 Ethanol	46	2.211	2.201	0.010	100	19639	2000.0	2188.9	
15 Ethyl ether	59	2.245	2.247	-0.002	96	104238	50.0	53.8	
16 2-Methyl-1,3-butadiene	53	2.257	2.258	-0.001	97	129578	50.0	53.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.291	2.281	0.010	98	78551	50.0	51.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.336	2.338	-0.002	98	165639	50.0	52.6	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.394	2.395	-0.001	95	111295	50.0	53.8	
19 Acrolein	56	2.405	2.406	-0.001	97	31939	100.0	93.6	
21 1,1-Dichloroethene	96	2.428	2.429	-0.001	93	100569	50.0	53.2	
22 Acetone	43	2.519	2.521	-0.002	84	182557	250.0	239.2	
23 Iodomethane	142	2.565	2.566	-0.001	99	108511	50.0	42.1	
24 Carbon disulfide	76	2.599	2.601	-0.002	100	398561	50.0	52.2	
25 Isopropyl alcohol	45	2.599	2.601	-0.002	98	57556	500.0	521.0	
26 3-Chloro-1-propene	76	2.725	2.726	-0.001	90	68385	50.0	51.0	
27 Cyclopentene	67	2.747	2.738	0.009	95	307305	50.0	51.6	
28 Methyl acetate	43	2.736	2.738	-0.002	79	213421	100.0	103.1	
29 Acetonitrile	41	2.793	2.795	-0.002	98	170786	500.0	507.4	
* 30 TBA-d9 (IS)	65	2.850	2.852	-0.002	78	213148	1000.0	1000.0	
31 Methylene Chloride	84	2.850	2.852	-0.002	96	127036	50.0	52.1	a
32 2-Methyl-2-propanol	59	2.907	2.909	-0.002	98	81330	500.0	528.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.999	3.000	-0.001	97	326541	50.0	53.4	
34 trans-1,2-Dichloroethene	96	3.021	3.023	-0.002	98	111234	50.0	51.5	
35 Acrylonitrile	53	3.101	3.092	0.009	93	479664	500.0	503.6	
36 Hexane	57	3.170	3.171	-0.001	94	168791	50.0	54.0	
37 Isopropyl ether	45	3.375	3.377	-0.002	98	504335	50.0	54.3	
38 1,1-Dichloroethane	63	3.398	3.400	-0.002	99	244857	50.0	51.9	
39 Vinyl acetate	43	3.421	3.423	-0.002	100	632243	100.0	111.8	
40 2-Chloro-1,3-butadiene	88	3.444	3.445	-0.001	94	99633	50.0	52.0	
41 Tert-butyl ethyl ether	59	3.684	3.685	-0.001	87	381129	50.0	54.9	
* 43 2-Butanone-d5	46	3.878	3.868	0.010	89	318683	250.0	250.0	
42 2,2-Dichloropropane	79	3.878	3.879	-0.001	77	54951	50.0	50.2	
44 cis-1,2-Dichloroethene	96	3.901	3.902	-0.001	92	121190	50.0	52.5	
46 2-Butanone (MEK)	72	3.923	3.925	-0.002	95	58076	250.0	250.5	
45 Ethyl acetate	70	3.935	3.936	-0.001	95	23755	100.0	106.8	
47 Methyl acrylate	55	3.980	3.982	-0.002	99	106287	50.0	51.2	
48 Propionitrile	54	4.049	4.051	-0.002	98	170034	500.0	522.6	
50 Chlorobromomethane	128	4.117	4.119	-0.002	97	57579	50.0	51.7	
49 Tetrahydrofuran	72	4.129	4.130	-0.001	96	26587	100.0	108.9	
51 Methacrylonitrile	67	4.152	4.153	-0.001	97	499305	500.0	538.8	
52 Chloroform	83	4.175	4.176	-0.001	96	212357	50.0	52.2	
53 Cyclohexane	84	4.289	4.290	-0.001	98	164330	50.0	54.7	
54 1,1,1-Trichloroethane	97	4.312	4.313	-0.001	97	169512	50.0	53.3	
\$ 55 Dibromofluoromethane (Surr)	113	4.334	4.325	0.009	95	105371	50.0	49.0	
56 Carbon tetrachloride	117	4.426	4.427	-0.001	97	144667	50.0	52.5	
57 1,1-Dichloropropene	75	4.460	4.462	-0.002	93	169479	50.0	53.5	
58 Isobutyl alcohol	43	4.608	4.610	-0.002	95	170497	1250.0	1329.5	
59 Isooctane	57	4.620	4.621	-0.001	94	312591	50.0	55.6	
60 Benzene	78	4.654	4.656	-0.002	98	482137	50.0	53.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.665	4.667	-0.002	0	134369	50.0	47.9	
63 Tert-amyl methyl ether	55	4.723	4.724	-0.001	69	100079	50.0	50.2	
62 Isopropyl acetate	43	4.723	4.724	-0.001	92	427956	50.0	55.9	
64 1,2-Dichloroethane	62	4.745	4.747	-0.002	96	180705	50.0	52.2	
65 n-Heptane	57	4.802	4.804	-0.002	97	66875	50.0	56.0	
* 66 Fluorobenzene	96	4.939	4.941	-0.002	97	481845	50.0	50.0	
67 n-Butanol	56	5.271	5.272	-0.001	96	47784	1250.0	1437.1	a
68 Trichloroethene	95	5.282	5.284	-0.002	96	119816	50.0	52.9	
69 Methylcyclohexane	83	5.396	5.398	-0.002	87	175172	50.0	56.6	
70 Ethyl acrylate	55	5.408	5.409	-0.001	97	322237	50.0	55.6	
71 1,2-Dichloropropane	63	5.567	5.569	-0.002	89	143166	50.0	52.1	
* 72 1,4-Dioxane-d8	96	5.636	5.637	-0.001	0	26720	1000.0	1000.0	
73 Methyl methacrylate	100	5.659	5.660	-0.001	94	50811	100.0	111.2	
75 1,4-Dioxane	88	5.693	5.695	-0.002	40	17052	1000.0	1542.9	
74 Dibromomethane	93	5.693	5.695	-0.002	93	80364	50.0	52.3	
76 n-Propyl acetate	43	5.716	5.717	-0.001	98	207363	50.0	54.6	
77 Dichlorobromomethane	83	5.853	5.854	-0.001	98	166345	50.0	52.0	
78 2-Nitropropane	41	6.184	6.185	-0.001	93	75144	100.0	102.5	
79 2-Chloroethyl vinyl ether	63	6.195	6.197	-0.002	93	84546	50.1	56.4	
80 Epichlorohydrin	57	6.298	6.300	-0.002	99	213230	1000.0	1069.4	
81 cis-1,3-Dichloropropene	75	6.344	6.345	-0.001	99	216608	50.0	53.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.515	6.517	-0.002	98	664272	250.0	273.3	
\$ 83 Toluene-d8 (Surr)	98	6.584	6.585	-0.001	98	393317	50.0	49.7	
84 Toluene	91	6.663	6.665	-0.002	93	479973	50.0	52.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.029	7.019	0.010	97	189375	50.0	53.5	
86 Ethyl methacrylate	69	7.052	7.053	-0.001	97	141461	50.0	54.7	
87 1,1,2-Trichloroethane	83	7.234	7.236	-0.002	95	98518	50.0	52.8	
88 Tetrachloroethene	166	7.269	7.270	-0.001	94	108098	50.0	52.9	
89 1,3-Dichloropropane	76	7.440	7.441	-0.001	98	189935	50.0	52.6	
90 2-Hexanone	58	7.520	7.521	-0.001	98	209426	250.0	266.9	
91 n-Butyl acetate	43	7.634	7.635	-0.001	96	221049	50.0	55.8	
92 Chlorodibromomethane	129	7.680	7.670	0.010	97	119317	50.0	53.9	
93 Ethylene Dibromide	107	7.828	7.829	-0.001	98	110022	50.0	53.0	
* 94 Chlorobenzene-d5	117	8.376	8.377	-0.001	89	362946	50.0	50.0	
95 Chlorobenzene	112	8.410	8.412	-0.002	92	311344	50.0	53.0	
96 Ethylbenzene	106	8.513	8.514	-0.001	99	162847	50.0	54.3	
97 1,1,1,2-Tetrachloroethane	131	8.536	8.537	-0.001	94	109816	50.0	53.0	
98 m-Xylene & p-Xylene	106	8.684	8.674	0.010	0	196307	50.0	54.5	
99 o-Xylene	106	9.198	9.199	-0.001	92	199108	50.0	54.4	
100 n-Butyl acrylate	73	9.198	9.199	-0.001	79	89460	50.0	55.9	
101 Styrene	104	9.232	9.234	-0.002	92	330039	50.0	55.2	
102 Amyl acetate (mixed isomers)	43	9.461	9.462	-0.001	87	254881	50.0	55.0	
103 Bromoform	173	9.461	9.462	-0.001	57	76049	50.0	53.1	
104 Isopropylbenzene	105	9.598	9.599	-0.001	97	485124	50.0	55.8	
\$ 105 4-Bromofluorobenzene	174	9.792	9.793	-0.001	88	123590	50.0	50.0	
106 Bromobenzene	156	9.917	9.919	-0.002	96	130593	50.0	53.0	
107 1,1,2,2-Tetrachloroethane	83	9.974	9.976	-0.002	99	150890	50.0	51.8	
108 N-Propylbenzene	91	9.986	9.987	-0.001	99	615138	50.0	54.7	
109 1,2,3-Trichloropropane	110	10.009	10.010	-0.001	95	35100	50.0	53.4	
110 trans-1,4-Dichloro-2-butene	53	10.031	10.033	-0.002	89	47784	50.0	50.9	
111 2-Chlorotoluene	91	10.088	10.090	-0.002	97	428697	50.0	53.9	
112 4-Ethyltoluene	105	10.100	10.101	-0.001	97	500008	50.0	54.7	
113 1,3,5-Trimethylbenzene	105	10.157	10.159	-0.001	93	421967	50.0	55.5	
114 4-Chlorotoluene	91	10.191	10.181	0.010	98	392056	50.0	52.5	
115 Butyl Methacrylate	87	10.248	10.250	-0.002	97	155897	50.0	48.5	
116 tert-Butylbenzene	119	10.408	10.410	-0.002	93	331280	50.0	55.0	
117 1,2,4-Trimethylbenzene	105	10.454	10.455	-0.001	99	437174	50.0	55.2	
118 sec-Butylbenzene	105	10.579	10.570	0.009	99	495108	50.0	55.4	
120 1,3-Dichlorobenzene	146	10.682	10.684	-0.002	77	241917	50.0	53.6	
119 4-Isopropyltoluene	119	10.682	10.684	-0.002	97	422426	50.0	55.3	
* 121 1,4-Dichlorobenzene-d4	152	10.739	10.741	-0.002	96	200281	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.751	10.752	-0.001	92	243587	50.0	51.7	
123 1,2,3-Trimethylbenzene	105	10.773	10.764	0.009	99	462730	50.0	54.0	
124 Benzyl chloride	91	10.865	10.855	0.010	98	259836	50.0	53.9	
125 2,3-Dihydroindene	117	10.910	10.901	0.009	95	451266	50.0	55.0	
126 p-Diethylbenzene	119	10.945	10.946	-0.001	92	211271	50.0	53.9	
127 n-Butylbenzene	92	10.968	10.969	-0.001	97	219108	50.0	54.5	
128 1,2-Dichlorobenzene	146	11.013	11.015	-0.002	95	235807	50.0	52.9	
129 1,2,4,5-Tetramethylbenzene	119	11.447	11.449	-0.002	97	429869	50.0	56.2	
130 1,2-Dibromo-3-Chloropropane	157	11.516	11.517	-0.001	91	27279	50.0	51.8	
131 1,3,5-Trichlorobenzene	180	11.607	11.597	0.010	96	169472	50.0	51.6	
132 1,2,4-Trichlorobenzene	180	11.984	11.985	-0.001	94	154239	50.0	53.7	
133 Hexachlorobutadiene	225	12.052	12.054	-0.002	94	51765	50.0	52.6	
134 Naphthalene	128	12.155	12.145	0.010	99	403389	50.0	53.8	
135 1,2,3-Trichlorobenzene	180	12.303	12.305	-0.002	95	140385	50.0	51.8	
S 136 1,2-Dichloroethene, Total	100				0		100.0	104.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	108.9	
S 138 Total BTEX	1				0		250.0	269.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158	Amount Added: 50.00	Units: uL	
524freon_00056	Amount Added: 50.00	Units: uL	
GASES Li_00491	Amount Added: 50.00	Units: uL	
ACROLEIN W_00143	Amount Added: 10.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79482.D

Injection Date: 31-Aug-2022 14:37:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

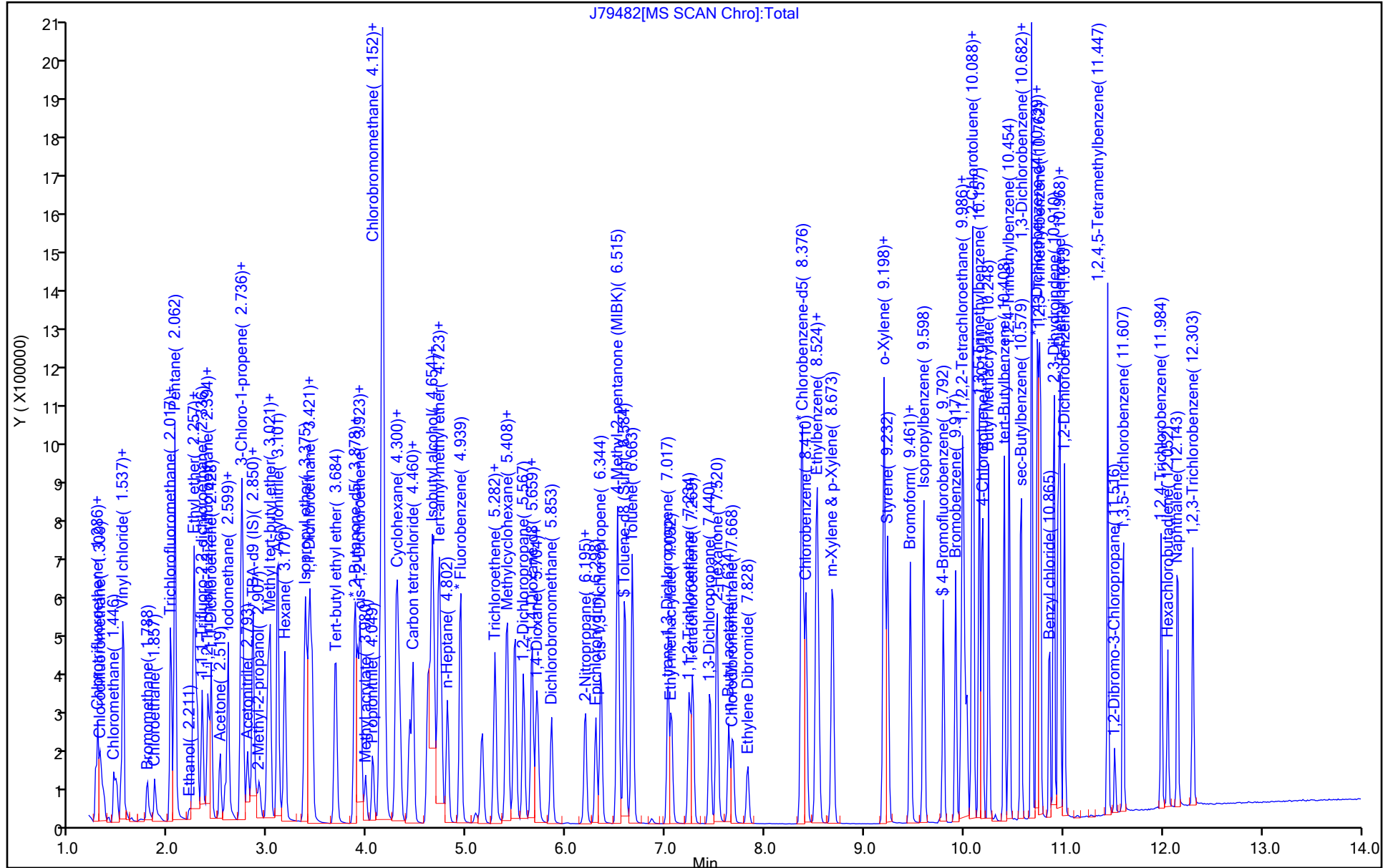
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79482.D

Injection Date: 31-Aug-2022 14:37:30

Instrument ID: CVOAMS8

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

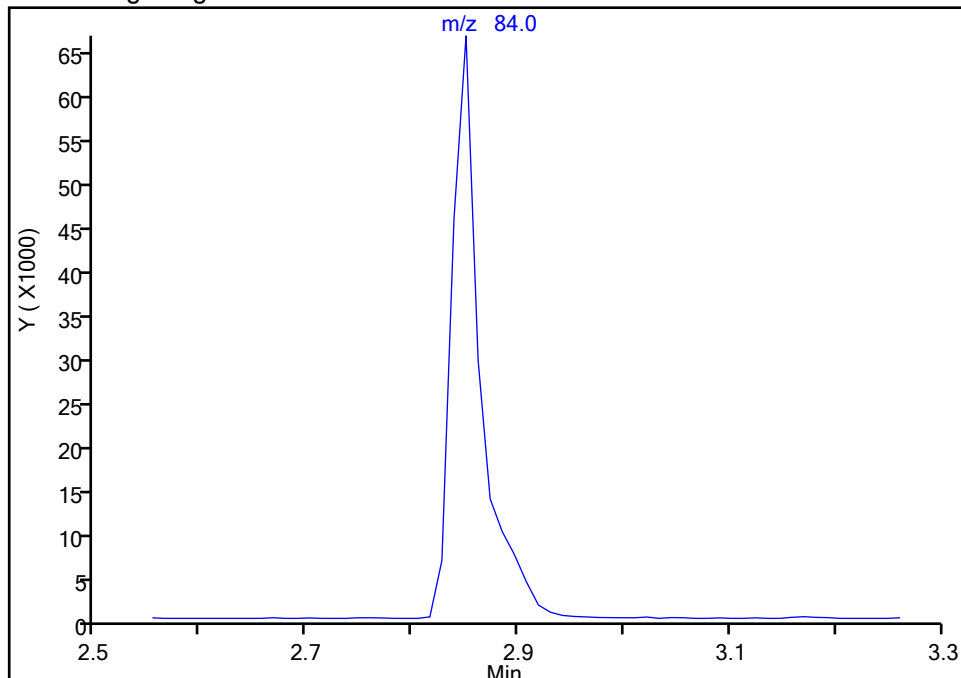
31 Methylene Chloride, CAS: 75-09-2

Signal: 1

Not Detected

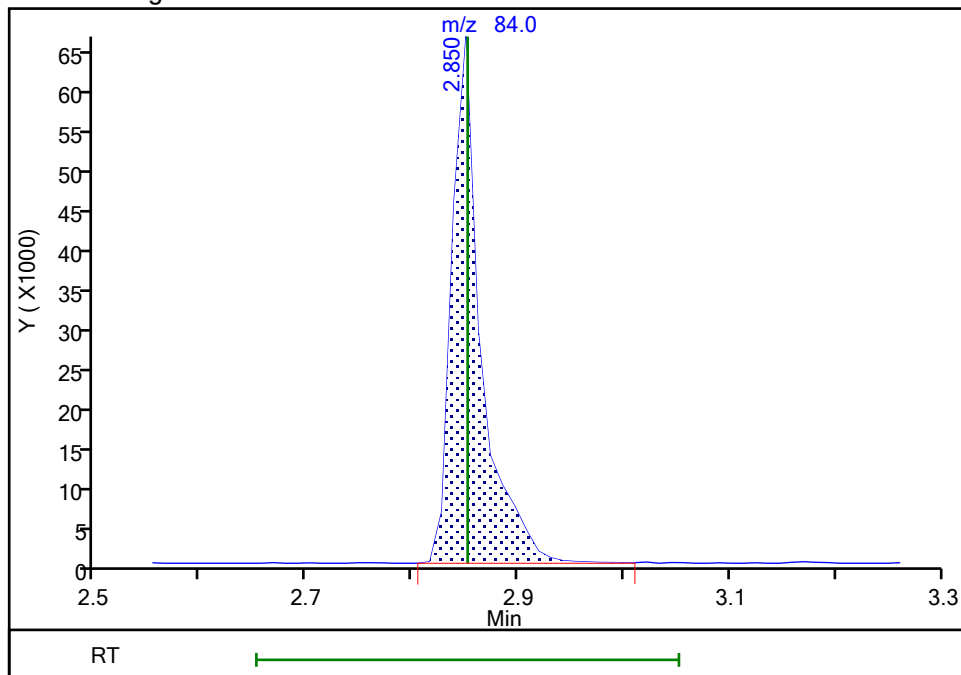
Expected RT: 2.85

Processing Integration Results



Manual Integration Results

RT: 2.85
Area: 127036
Amount: 52.145577
Amount Units: ug/l



Reviewer: RD6L, 31-Aug-2022 14:54:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79482.D

Injection Date: 31-Aug-2022 14:37:30

Instrument ID: CVOAMS8

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

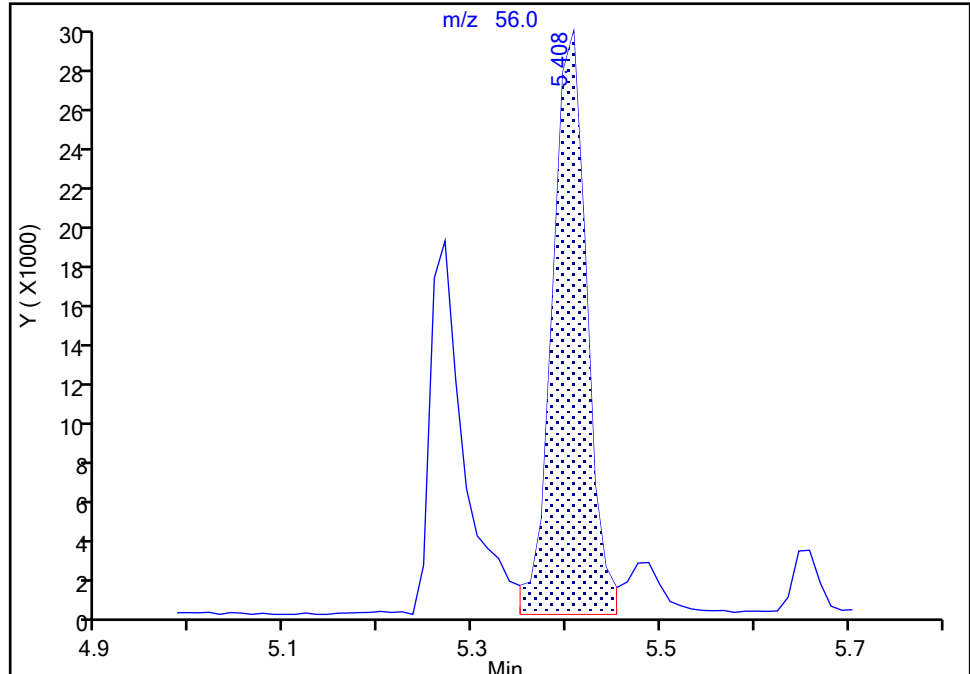
Detector: MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

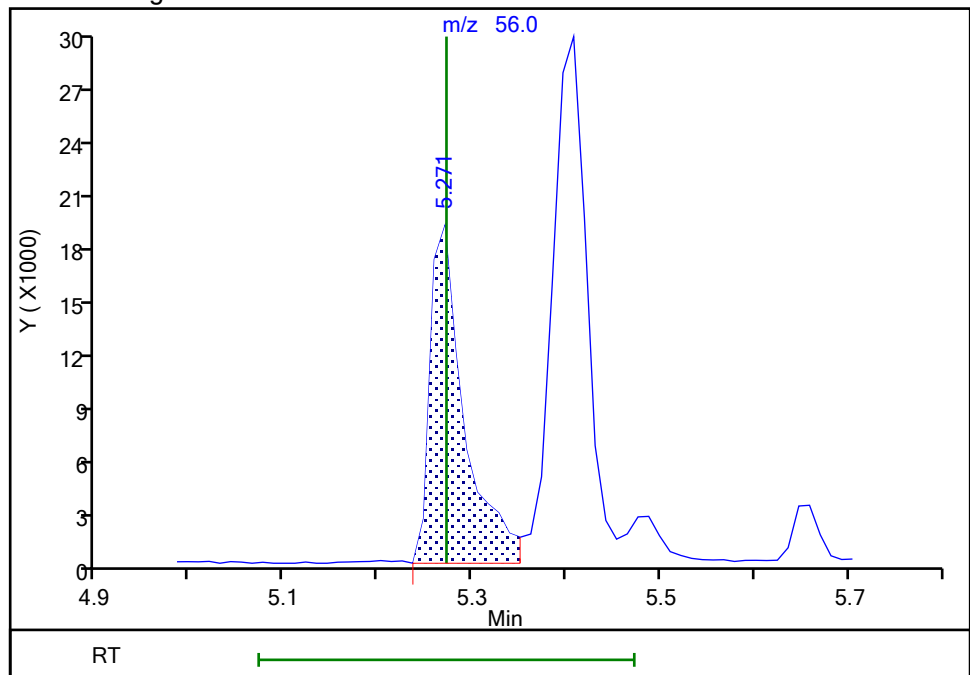
RT: 5.41
Area: 75339
Amount: 2251.8669
Amount Units: ug/l

Processing Integration Results



RT: 5.27
Area: 47784
Amount: 1437.0948
Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:54:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79483.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 31-Aug-2022 15:02:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0149864-008
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:44 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: K0HS

Date: 31-Aug-2022 15:35:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.262	1.265	-0.003	97	54741	200.0	228.2	
4 Dichlorodifluoromethane	85	1.284	1.288	-0.004	100	761655	200.0	225.9	
5 Chlorodifluoromethane	67	1.319	1.310	0.009	97	99374	200.0	193.5	
6 Chloromethane	50	1.444	1.447	-0.003	100	897019	200.0	200.5	
7 Vinyl chloride	62	1.524	1.527	-0.003	99	670587	200.0	204.0	
8 Butadiene	54	1.547	1.539	0.008	95	693773	200.0	206.8	
9 Bromomethane	94	1.787	1.790	-0.003	98	310333	200.0	213.4	
10 Chloroethane	64	1.855	1.858	-0.003	99	357441	200.0	212.6	
12 Dichlorofluoromethane	67	2.015	2.018	-0.003	99	1000278	200.0	196.8	
11 Trichlorofluoromethane	101	2.027	2.018	0.009	99	729350	200.0	205.0	
13 Pentane	43	2.061	2.064	-0.003	96	1832416	400.0	402.8	
14 Ethanol	46	2.209	2.201	0.008	99	67320	8000.0	7223.8	
15 Ethyl ether	59	2.243	2.247	-0.004	92	426734	200.0	210.9	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	97	526979	200.0	206.7	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.289	2.281	0.008	98	336234	200.0	211.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.335	2.338	-0.003	99	679271	200.0	206.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	95	438211	200.0	202.9	
19 Acrolein	56	2.403	2.406	-0.003	97	68423	200.0	193.0	
21 1,1-Dichloroethene	96	2.426	2.429	-0.003	94	405730	200.0	205.3	
22 Acetone	43	2.517	2.521	-0.004	85	812496	1000.0	1012.1	
23 Iodomethane	142	2.575	2.566	0.009	99	528180	200.0	204.4	
24 Carbon disulfide	76	2.597	2.601	-0.004	100	1629888	200.0	204.3	
25 Isopropyl alcohol	45	2.609	2.601	0.008	99	222653	2000.0	1940.3	
26 3-Chloro-1-propene	76	2.723	2.726	-0.003	95	288459	200.0	205.7	
27 Cyclopentene	67	2.746	2.738	0.008	96	1283537	200.0	206.3	
28 Methyl acetate	43	2.746	2.738	0.008	77	877511	400.0	405.9	
29 Acetonitrile	41	2.791	2.795	-0.004	98	681232	2000.0	1948.5	
* 30 TBA-d9 (IS)	65	2.849	2.852	-0.003	51	221392	1000.0	1000.0	
31 Methylene Chloride	84	2.849	2.852	-0.003	99	506702	200.0	199.1	
32 2-Methyl-2-propanol	59	2.917	2.909	0.008	98	329323	2000.0	2059.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.997	3.000	-0.003	97	1358458	200.0	212.6	
34 trans-1,2-Dichloroethene	96	3.020	3.023	-0.003	98	454380	200.0	201.2	
35 Acrylonitrile	53	3.100	3.092	0.008	94	2007145	2000.0	2028.8	
36 Hexane	57	3.168	3.171	-0.003	94	646291	200.0	197.8	
37 Isopropyl ether	45	3.374	3.377	-0.003	97	2033017	200.0	209.3	
38 1,1-Dichloroethane	63	3.397	3.400	-0.003	100	995120	200.0	201.7	
39 Vinyl acetate	43	3.419	3.423	-0.004	100	2481783	400.0	420.1	
40 2-Chloro-1,3-butadiene	88	3.442	3.445	-0.003	94	411128	200.0	205.2	
41 Tert-butyl ethyl ether	59	3.682	3.685	-0.003	87	1584393	200.0	218.5	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	63	335199	250.0	250.0	
42 2,2-Dichloropropane	79	3.876	3.879	-0.003	96	226789	200.0	198.4	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	93	503950	200.0	209.0	
46 2-Butanone (MEK)	72	3.922	3.925	-0.003	96	255946	1000.0	1049.7	
45 Ethyl acetate	70	3.933	3.936	-0.003	95	101404	400.0	433.5	
47 Methyl acrylate	55	3.979	3.982	-0.003	99	449880	200.0	207.6	
48 Propionitrile	54	4.059	4.051	0.008	98	692033	2000.0	2047.9	
50 Chlorobromomethane	128	4.127	4.119	0.008	97	235999	200.0	202.8	
49 Tetrahydrofuran	72	4.127	4.130	-0.003	69	108806	400.0	423.5	
51 Methacrylonitrile	67	4.150	4.153	-0.003	97	2116958	2000.0	2186.4	
52 Chloroform	83	4.173	4.176	-0.003	97	878018	200.0	206.7	
53 Cyclohexane	84	4.287	4.290	-0.003	98	651243	200.0	207.5	
54 1,1,1-Trichloroethane	97	4.310	4.313	-0.003	97	699549	200.0	210.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.333	4.325	0.008	96	110206	50.0	49.1	
56 Carbon tetrachloride	117	4.424	4.427	-0.003	98	604553	200.0	210.0	
57 1,1-Dichloropropene	75	4.458	4.462	-0.004	93	701849	200.0	212.2	
58 Isobutyl alcohol	43	4.607	4.610	-0.003	93	725188	5000.0	5444.2	
59 Isooctane	57	4.618	4.621	-0.003	94	1274785	200.0	217.0	
60 Benzene	78	4.652	4.656	-0.004	98	1962380	200.0	205.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.675	4.667	0.008	0	146876	50.0	50.1	
63 Tert-amyl methyl ether	55	4.721	4.724	-0.003	71	409162	200.0	196.5	
62 Isopropyl acetate	43	4.721	4.724	-0.003	93	1758887	200.0	219.9	
64 1,2-Dichloroethane	62	4.744	4.747	-0.003	96	743665	200.0	205.4	
65 n-Heptane	57	4.801	4.804	-0.003	98	260048	200.0	208.3	
* 66 Fluorobenzene	96	4.938	4.941	-0.003	97	503446	50.0	50.0	
67 n-Butanol	56	5.257	5.272	-0.015	97	202689	5000.0	5868.8	
68 Trichloroethene	95	5.280	5.284	-0.004	96	499744	200.0	211.1	
69 Methylcyclohexane	83	5.406	5.398	0.008	93	706058	200.0	218.3	
70 Ethyl acrylate	55	5.406	5.409	-0.003	98	1336419	200.0	220.8	
71 1,2-Dichloropropane	63	5.566	5.569	-0.003	88	605120	200.0	210.8	
* 72 1,4-Dioxane-d8	96	5.634	5.637	-0.003	0	31840	1000.0	1000.0	
73 Methyl methacrylate	100	5.657	5.660	-0.003	94	218125	400.0	457.1	
75 1,4-Dioxane	88	5.691	5.695	-0.004	90	59551	4000.0	3839.0	
74 Dibromomethane	93	5.703	5.695	0.008	93	333752	200.0	207.8	
76 n-Propyl acetate	43	5.714	5.717	-0.003	98	885513	200.0	223.3	
77 Dichlorobromomethane	83	5.851	5.854	-0.003	98	705914	200.0	211.2	
78 2-Nitropropane	41	6.182	6.185	-0.003	97	322701	400.0	424.0	
79 2-Chloroethyl vinyl ether	63	6.194	6.197	-0.003	95	364618	200.5	232.9	
80 Epichlorohydrin	57	6.296	6.300	-0.004	99	924141	4000.0	4406.3	
81 cis-1,3-Dichloropropene	75	6.353	6.345	0.008	98	915946	200.0	214.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.513	6.517	-0.004	98	2872862	1000.0	1123.7	
\$ 83 Toluene-d8 (Surr)	98	6.593	6.585	0.008	98	423912	50.0	50.4	
84 Toluene	91	6.662	6.665	-0.003	93	1971845	200.0	204.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.027	7.019	0.008	97	831703	200.0	221.4	
86 Ethyl methacrylate	69	7.061	7.053	0.008	96	629721	200.0	232.9	
87 1,1,2-Trichloroethane	83	7.233	7.236	-0.003	95	425722	200.0	214.7	
88 Tetrachloroethene	166	7.278	7.270	0.008	96	454795	200.0	209.8	
89 1,3-Dichloropropane	76	7.449	7.441	0.008	98	804229	200.0	209.8	
90 2-Hexanone	58	7.518	7.521	-0.003	99	967999	1000.0	1173.0	
91 n-Butyl acetate	43	7.632	7.635	-0.003	97	953920	200.0	226.7	
92 Chlorodibromomethane	129	7.678	7.670	0.008	97	522641	200.0	222.3	
93 Ethylene Dibromide	107	7.826	7.829	-0.003	99	465329	200.0	211.1	
* 94 Chlorobenzene-d5	117	8.374	8.377	-0.003	89	385389	50.0	50.0	
95 Chlorobenzene	112	8.409	8.412	-0.004	92	1296936	200.0	208.1	
96 Ethylbenzene	106	8.523	8.514	0.009	99	698093	200.0	219.1	
97 1,1,1,2-Tetrachloroethane	131	8.534	8.537	-0.003	95	477984	200.0	217.4	
98 m-Xylene & p-Xylene	106	8.683	8.674	0.008	0	824540	200.0	215.5	
99 o-Xylene	106	9.196	9.199	-0.003	92	850240	200.0	218.9	
100 n-Butyl acrylate	73	9.196	9.199	-0.003	77	403561	200.0	237.4	
101 Styrene	104	9.231	9.234	-0.003	92	1421706	200.0	223.9	
102 Amyl acetate (mixed isomers)	43	9.459	9.462	-0.003	91	1103195	200.0	221.6	
103 Bromoform	173	9.459	9.462	-0.003	57	349166	200.0	229.5	
104 Isopropylbenzene	105	9.596	9.599	-0.003	97	2067940	200.0	224.0	
\$ 105 4-Bromofluorobenzene	174	9.801	9.793	0.008	94	134208	50.0	51.1	
106 Bromobenzene	156	9.916	9.919	-0.003	96	557974	200.0	210.7	
107 1,1,2,2-Tetrachloroethane	83	9.973	9.976	-0.003	98	648354	200.0	207.2	
108 N-Propylbenzene	91	9.995	9.987	0.008	99	2624902	200.0	217.3	
109 1,2,3-Trichloropropane	110	10.018	10.010	0.008	97	151738	200.0	215.0	
110 trans-1,4-Dichloro-2-butene	53	10.030	10.033	-0.003	90	210227	200.0	208.3	
111 2-Chlorotoluene	91	10.087	10.090	-0.003	97	1852942	200.0	216.6	
112 4-Ethyltoluene	105	10.098	10.101	-0.003	97	2164840	200.0	220.2	
113 1,3,5-Trimethylbenzene	105	10.155	10.159	-0.003	92	1781010	200.0	218.1	
114 4-Chlorotoluene	91	10.190	10.181	0.009	98	1693158	200.0	210.9	
115 Butyl Methacrylate	87	10.247	10.250	-0.003	97	688883	200.0	200.8	
116 tert-Butylbenzene	119	10.406	10.410	-0.004	92	1429330	200.0	220.8	
117 1,2,4-Trimethylbenzene	105	10.452	10.455	-0.003	99	1848627	200.0	217.2	
118 sec-Butylbenzene	105	10.578	10.570	0.008	98	2089955	200.0	217.8	
120 1,3-Dichlorobenzene	146	10.680	10.684	-0.004	94	1064032	200.0	219.4	
119 4-Isopropyltoluene	119	10.680	10.684	-0.004	96	1839167	200.0	224.0	
* 121 1,4-Dichlorobenzene-d4	152	10.738	10.741	-0.003	96	215231	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.749	10.752	-0.003	92	1042715	200.0	206.0	
123 1,2,3-Trimethylbenzene	105	10.772	10.764	0.008	99	2024362	200.0	219.9	
124 Benzyl chloride	91	10.863	10.855	0.008	98	1164806	200.0	224.7	
125 2,3-Dihydroindene	117	10.909	10.901	0.008	95	1901315	200.0	215.8	
126 p-Diethylbenzene	119	10.954	10.946	0.008	93	920055	200.0	218.4	
127 n-Butylbenzene	92	10.966	10.969	-0.003	98	964390	200.0	223.4	
128 1,2-Dichlorobenzene	146	11.012	11.015	-0.003	95	1027292	200.0	214.6	
129 1,2,4,5-Tetramethylbenzene	119	11.445	11.449	-0.004	97	1812656	200.0	220.7	
130 1,2-Dibromo-3-Chloropropane	157	11.525	11.517	0.008	95	120215	200.0	212.5	
131 1,3,5-Trichlorobenzene	180	11.605	11.597	0.008	97	733719	200.0	208.1	
132 1,2,4-Trichlorobenzene	180	11.993	11.985	0.008	94	674173	200.0	218.3	
133 Hexachlorobutadiene	225	12.050	12.054	-0.004	93	210851	200.0	199.5	
134 Naphthalene	128	12.153	12.145	0.008	99	1721369	200.0	213.5	
135 1,2,3-Trichlorobenzene	180	12.302	12.305	-0.003	94	599809	200.0	205.8	
S 136 1,2-Dichloroethene, Total	100				0		400.0	410.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	434.4	
S 138 Total BTEX	1				0		1000.0	1063.2	

QC Flag Legend

Processing Flags

Reagents:

GAS Hi_00423	Amount Added: 20.00	Units: uL	
Ethanol mix_00068	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 20.00	Units: uL	
MIX I Hi_00154	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 20.00	Units: uL	
8FreonHi_00048	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79483.D

Injection Date: 31-Aug-2022 15:02:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

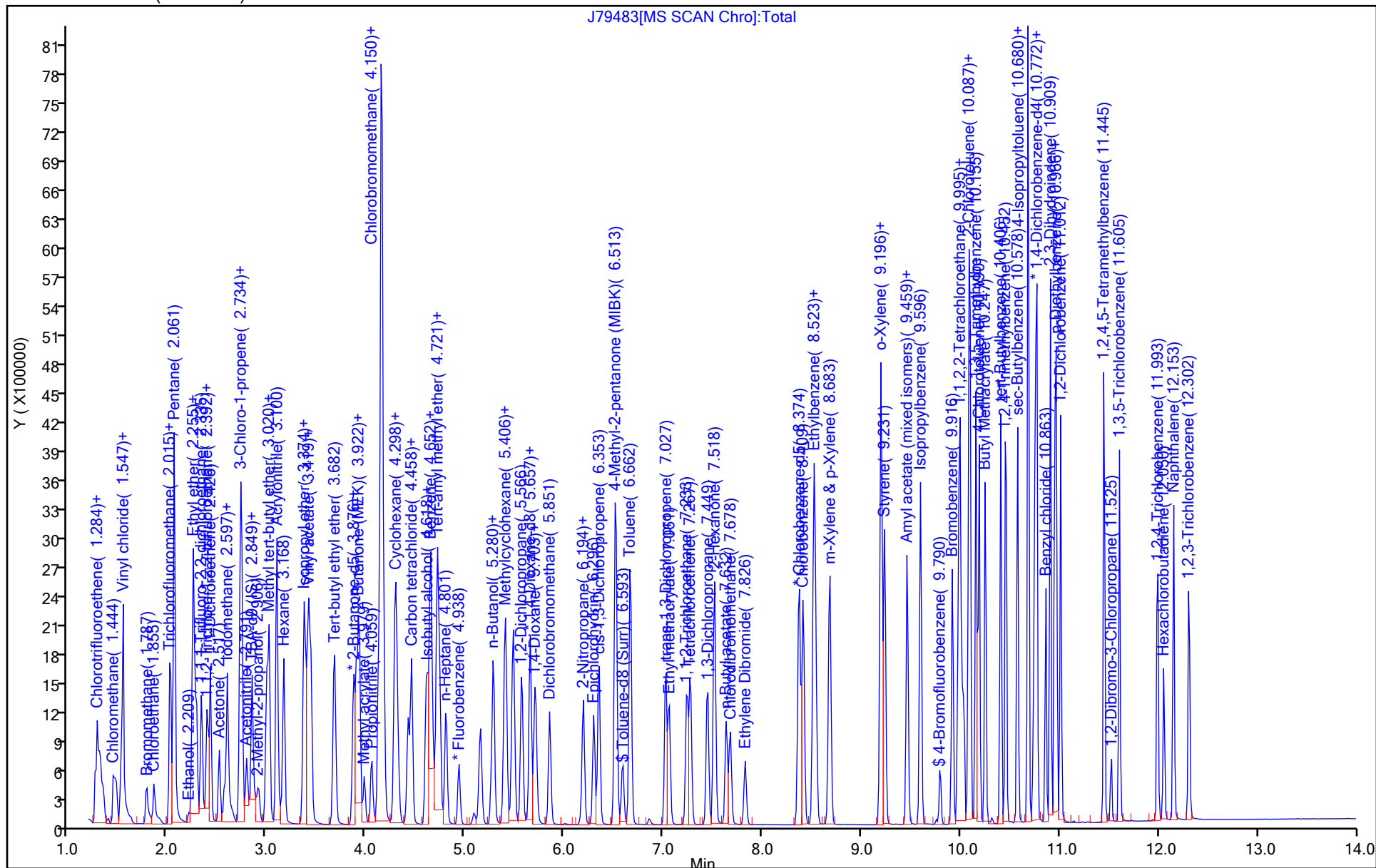
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 31-Aug-2022 15:27:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0149864-009
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:50 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: W9CM

Date: 01-Sep-2022 18:06:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.262	1.265	-0.003	97	144843	500.0	564.4	
4 Dichlorodifluoromethane	85	1.285	1.288	-0.003	100	1993003	500.0	552.4	
5 Chlorodifluoromethane	67	1.319	1.310	0.009	98	260179	500.0	473.6	
6 Chloromethane	50	1.445	1.447	-0.002	99	2460345	500.0	514.0	
7 Vinyl chloride	62	1.525	1.527	-0.002	99	1775312	500.0	504.8	
8 Butadiene	54	1.547	1.539	0.008	95	1833119	500.0	510.7	
9 Bromomethane	94	1.776	1.790	-0.014	99	870846	500.0	559.7	
10 Chloroethane	64	1.856	1.858	-0.002	99	928557	500.0	516.2	
12 Dichlorofluoromethane	67	2.016	2.018	-0.003	99	2637960	500.0	485.2	
11 Trichlorofluoromethane	101	2.027	2.018	0.009	99	1927579	500.0	506.5	M
13 Pentane	43	2.061	2.064	-0.003	95	4495428	1000.0	923.7	
14 Ethanol	46	2.210	2.201	0.009	97	197813	20000	19720	a
15 Ethyl ether	59	2.244	2.247	-0.003	93	1094259	500.0	505.5	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	94	1361048	500.0	499.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.290	2.281	0.009	99	773316	500.0	455.4	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.335	2.338	-0.003	98	1850029	500.0	525.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	95	1129499	500.0	488.8	
19 Acrolein	56	2.404	2.406	-0.002	96	149233	400.0	391.1	
21 1,1-Dichloroethene	96	2.427	2.429	-0.003	95	1083748	500.0	512.5	
22 Acetone	43	2.518	2.521	-0.003	85	2079865	2500.0	2422.5	
23 Iodomethane	142	2.575	2.566	0.009	99	1277167	500.0	499.3	
24 Carbon disulfide	76	2.598	2.601	-0.003	100	4197114	500.0	491.7	
25 Isopropyl alcohol	45	2.609	2.601	0.008	99	645368	5000.0	5225.1	
26 3-Chloro-1-propene	76	2.723	2.726	-0.003	89	708650	500.0	472.3	
27 Cyclopentene	67	2.746	2.738	0.008	96	3248870	500.0	488.0	
28 Methyl acetate	43	2.746	2.738	0.008	84	2234476	1000.0	966.1	
29 Acetonitrile	41	2.792	2.795	-0.003	98	1866798	5000.0	4960.7	
* 30 TBA-d9 (IS)	65	2.849	2.852	-0.003	45	238299	1000.0	1000.0	
31 Methylene Chloride	84	2.849	2.852	-0.003	98	1317628	500.0	483.8	
32 2-Methyl-2-propanol	59	2.917	2.909	0.008	98	902216	5000.0	5241.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.997	3.000	-0.003	97	3481658	500.0	509.2	
34 trans-1,2-Dichloroethene	96	3.020	3.023	-0.003	99	1195047	500.0	494.5	
35 Acrylonitrile	53	3.100	3.092	0.008	93	5039672	5000.0	4732.6	
36 Hexane	57	3.169	3.171	-0.002	94	1655942	500.0	473.7	
37 Isopropyl ether	45	3.374	3.377	-0.003	97	5094804	500.0	490.3	
38 1,1-Dichloroethane	63	3.408	3.400	0.008	99	2562895	500.0	485.5	
39 Vinyl acetate	43	3.420	3.423	-0.003	100	6515146	1000.0	1030.7	
40 2-Chloro-1,3-butadiene	88	3.443	3.445	-0.002	94	1104015	500.0	515.1	
41 Tert-butyl ethyl ether	59	3.682	3.685	-0.003	88	4129688	500.0	532.4	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	41	358488	250.0	250.0	
42 2,2-Dichloropropane	79	3.876	3.879	-0.003	95	588330	500.0	481.0	
44 cis-1,2-Dichloroethene	96	3.911	3.902	0.009	92	1338842	500.0	519.0	
46 2-Butanone (MEK)	72	3.934	3.925	0.009	95	672759	2500.0	2579.8	
45 Ethyl acetate	70	3.934	3.936	-0.002	95	271200	1000.0	1084.1	
47 Methyl acrylate	55	3.979	3.982	-0.003	99	1170625	500.0	504.9	
48 Propionitrile	54	4.059	4.051	0.008	98	1797812	5000.0	4942.6	
50 Chlorobromomethane	128	4.128	4.119	0.009	96	608539	500.0	488.8	
49 Tetrahydrofuran	72	4.128	4.130	-0.002	77	284016	1000.0	1033.7	
51 Methacrylonitrile	67	4.162	4.153	0.009	95	5442173	5000.0	5253.3	
52 Chloroform	83	4.185	4.176	0.009	97	2348009	500.0	516.6	
53 Cyclohexane	84	4.287	4.290	-0.003	98	1694502	500.0	504.7	
54 1,1,1-Trichloroethane	97	4.310	4.313	-0.003	97	1846243	500.0	519.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.333	4.325	0.008	96	119811	50.0	49.9	
56 Carbon tetrachloride	117	4.424	4.427	-0.003	98	1581634	500.0	513.4	
57 1,1-Dichloropropene	75	4.459	4.462	-0.003	93	1823941	500.0	515.4	
58 Isobutyl alcohol	43	4.607	4.610	-0.003	94	1947030	12500	13580	
59 Isooctane	57	4.619	4.621	-0.002	97	3220175	500.0	512.3	
60 Benzene	78	4.653	4.656	-0.003	98	5084847	500.0	474.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.676	4.667	0.009	0	157605	50.0	50.2	
63 Tert-amyl methyl ether	55	4.721	4.724	-0.003	70	1105865	500.0	496.3	
62 Isopropyl acetate	43	4.721	4.724	-0.003	93	4711925	500.0	550.5	
64 1,2-Dichloroethane	62	4.744	4.747	-0.003	96	1917408	500.0	495.0	
65 n-Heptane	57	4.801	4.804	-0.003	98	659398	500.0	493.6	
* 66 Fluorobenzene	96	4.938	4.941	-0.003	97	538644	50.0	50.0	
67 n-Butanol	56	5.258	5.272	-0.014	96	639502	12500	17203	
68 Trichloroethene	95	5.281	5.284	-0.003	96	1313512	500.0	518.6	
69 Methylcyclohexane	83	5.406	5.398	0.008	94	1815809	500.0	524.7	
70 Ethyl acrylate	55	5.418	5.409	0.009	98	3471379	500.0	536.0	
71 1,2-Dichloropropane	63	5.578	5.569	0.009	89	1567264	500.0	510.4	
* 72 1,4-Dioxane-d8	96	5.646	5.637	0.009	0	27570	1000.0	1000.0	M
73 Methyl methacrylate	100	5.657	5.660	-0.003	95	587324	1000.0	1150.3	
75 1,4-Dioxane	88	5.692	5.695	-0.003	85	189121	10000	10013	
74 Dibromomethane	93	5.703	5.695	0.008	93	883703	500.0	514.3	
76 n-Propyl acetate	43	5.715	5.717	-0.002	98	2302705	500.0	542.6	
77 Dichlorobromomethane	83	5.852	5.854	-0.002	98	1873903	500.0	524.1	
78 2-Nitropropane	41	6.194	6.185	0.009	99	863336	1000.0	1053.7	
79 2-Chloroethyl vinyl ether	63	6.194	6.197	-0.003	94	975675	501.2	582.4	
80 Epichlorohydrin	57	6.297	6.300	-0.003	99	2443846	10000	10895	
81 cis-1,3-Dichloropropene	75	6.354	6.345	0.009	99	2415305	500.0	503.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.525	6.517	0.008	98	7309694	2500.0	2673.3	
\$ 83 Toluene-d8 (Surr)	98	6.594	6.585	0.009	98	460023	50.0	48.8	
84 Toluene	91	6.674	6.665	0.009	93	5198714	500.0	481.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.027	7.019	0.008	97	2229310	500.0	529.2	
86 Ethyl methacrylate	69	7.062	7.053	0.009	95	1692763	500.0	585.1	
87 1,1,2-Trichloroethane	83	7.244	7.236	0.008	96	1129572	500.0	508.1	
88 Tetrachloroethene	166	7.279	7.270	0.009	96	1205887	500.0	496.1	
89 1,3-Dichloropropane	76	7.450	7.441	0.009	98	2109036	500.0	490.7	
90 2-Hexanone	58	7.518	7.521	-0.003	99	2553947	2500.0	2893.8	
91 n-Butyl acetate	43	7.633	7.635	-0.002	97	2436378	500.0	516.4	
92 Chlorodibromomethane	129	7.678	7.670	0.008	97	1407994	500.0	534.2	
93 Ethylene Dibromide	107	7.827	7.829	-0.002	98	1246358	500.0	504.3	
* 94 Chlorobenzene-d5	117	8.375	8.377	-0.002	88	432094	50.0	50.0	
95 Chlorobenzene	112	8.409	8.412	-0.003	91	3442855	500.0	492.7	
96 Ethylbenzene	106	8.523	8.514	0.009	99	1918882	500.0	537.0	
97 1,1,1,2-Tetrachloroethane	131	8.535	8.537	-0.003	95	1298397	500.0	526.8	
98 m-Xylene & p-Xylene	106	8.683	8.674	0.009	0	2262234	500.0	527.3	
99 o-Xylene	106	9.197	9.199	-0.002	93	2327942	500.0	534.5	
100 n-Butyl acrylate	73	9.197	9.199	-0.002	86	1124897	500.0	590.3	
101 Styrene	104	9.242	9.234	0.008	94	3859471	500.0	542.1	
102 Amyl acetate (mixed isomers)	43	9.459	9.462	-0.003	88	2938863	500.0	522.6	
103 Bromoform	173	9.471	9.462	0.009	64	947256	500.0	555.4	
104 Isopropylbenzene	105	9.596	9.599	-0.003	98	5343277	500.0	516.3	
\$ 105 4-Bromofluorobenzene	174	9.802	9.793	0.009	91	144106	50.0	48.9	
106 Bromobenzene	156	9.916	9.919	-0.003	95	1468646	500.0	490.8	
107 1,1,2,2-Tetrachloroethane	83	9.973	9.976	-0.003	98	1754706	500.0	496.2	
108 N-Propylbenzene	91	9.996	9.987	0.009	99	6631553	500.0	486.0	
109 1,2,3-Trichloropropane	110	10.019	10.010	0.009	97	402653	500.0	505.0	
110 trans-1,4-Dichloro-2-butene	53	10.030	10.033	-0.003	88	568547	500.0	498.7	
111 2-Chlorotoluene	91	10.087	10.090	-0.003	98	4972428	500.0	514.5	
112 4-Ethyltoluene	105	10.099	10.101	-0.002	96	5668553	500.0	510.4	
113 1,3,5-Trimethylbenzene	105	10.156	10.159	-0.002	92	4606650	500.0	499.2	
114 4-Chlorotoluene	91	10.190	10.181	0.009	98	4856631	500.0	535.4	
115 Butyl Methacrylate	87	10.247	10.250	-0.003	97	1914411	500.0	499.9	
116 tert-Butylbenzene	119	10.407	10.410	-0.003	91	3725653	500.0	509.3	
117 1,2,4-Trimethylbenzene	105	10.464	10.455	0.009	99	4926142	500.0	512.2	
118 sec-Butylbenzene	105	10.578	10.570	0.008	97	5346723	500.0	493.1	
120 1,3-Dichlorobenzene	146	10.681	10.684	-0.003	91	2793444	500.0	509.8	
119 4-Isopropyltoluene	119	10.692	10.684	0.008	96	4804893	500.0	518.0	
* 121 1,4-Dichlorobenzene-d4	152	10.738	10.741	-0.003	97	243163	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.761	10.752	0.009	93	2876128	500.0	503.0	
123 1,2,3-Trimethylbenzene	105	10.772	10.764	0.008	98	5271697	500.0	506.9	
124 Benzyl chloride	91	10.864	10.855	0.009	98	3119963	500.0	532.8	
125 2,3-Dihydroindene	117	10.909	10.901	0.008	94	4825188	500.0	484.7	
126 p-Diethylbenzene	119	10.955	10.946	0.009	93	2569745	500.0	540.0	
127 n-Butylbenzene	92	10.966	10.969	-0.003	97	2433771	500.0	499.0	
128 1,2-Dichlorobenzene	146	11.012	11.015	-0.003	93	2777684	500.0	513.7	
129 1,2,4,5-Tetramethylbenzene	119	11.457	11.449	0.008	98	4701819	500.0	506.6	
130 1,2-Dibromo-3-Chloropropane	157	11.526	11.517	0.009	96	333589	500.0	522.1	
131 1,3,5-Trichlorobenzene	180	11.606	11.597	0.009	96	1896168	500.0	476.0	
132 1,2,4-Trichlorobenzene	180	11.994	11.985	0.009	94	1753333	500.0	502.4	
133 Hexachlorobutadiene	225	12.062	12.054	0.008	96	542147	500.0	454.1	
134 Naphthalene	128	12.154	12.145	0.009	98	4484193	500.0	492.4	
135 1,2,3-Trichlorobenzene	180	12.313	12.305	0.008	95	1586478	500.0	481.9	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1013.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	1061.9	
S 138 Total BTEX	1				0		2500.0	2554.2	

QC Flag Legend

Processing Flags

Review Flags

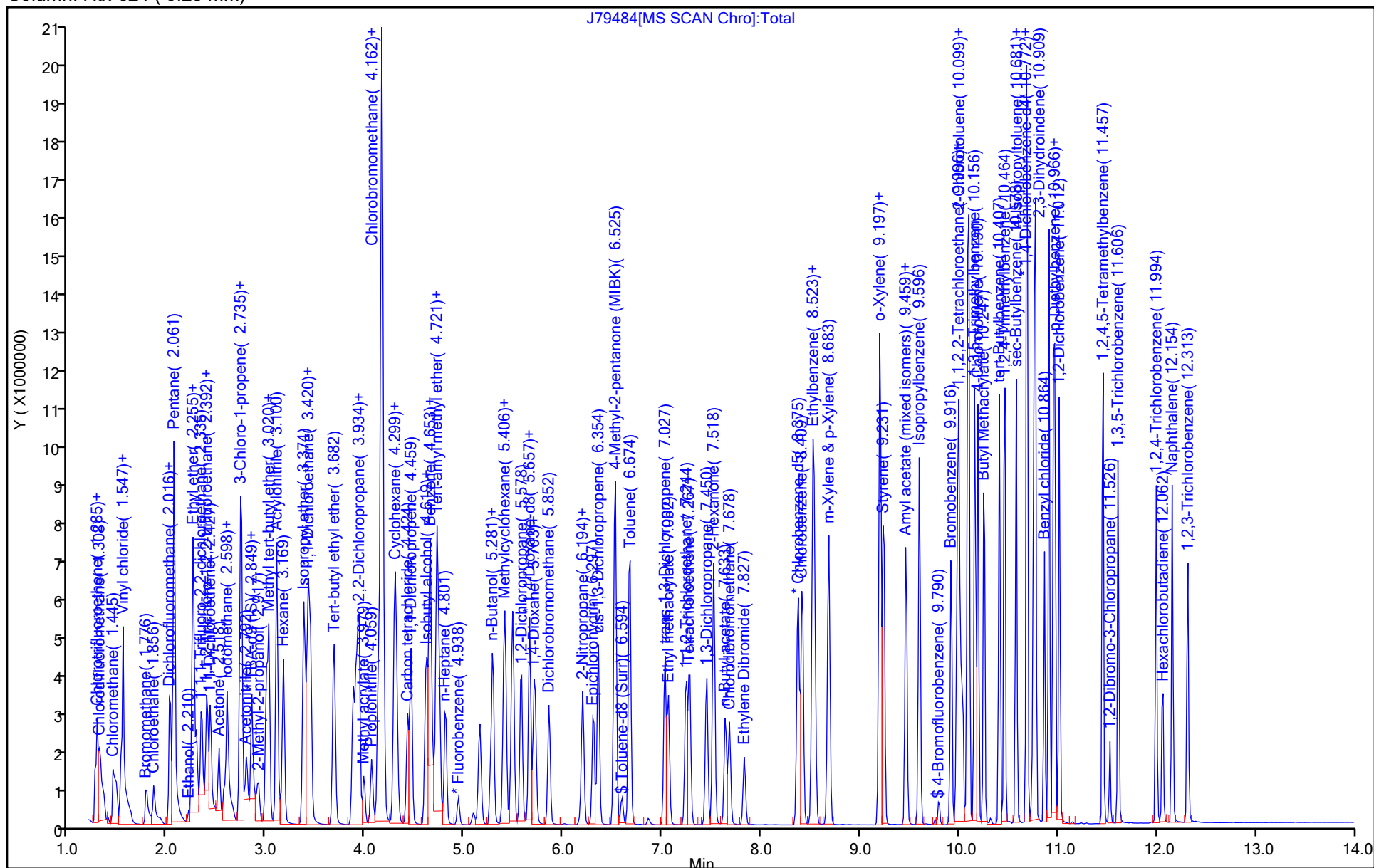
M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00423	Amount Added: 50.00	Units: uL	
Ethanol mix_00068	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 50.00	Units: uL	
MIX I Hi_00154	Amount Added: 50.00	Units: uL	
ACROLEIN W_00143	Amount Added: 40.00	Units: uL	
8FreonHi_00048	Amount Added: 50.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D

Injection Date: 31-Aug-2022 15:27:30

Instrument ID: CVOAMS8

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

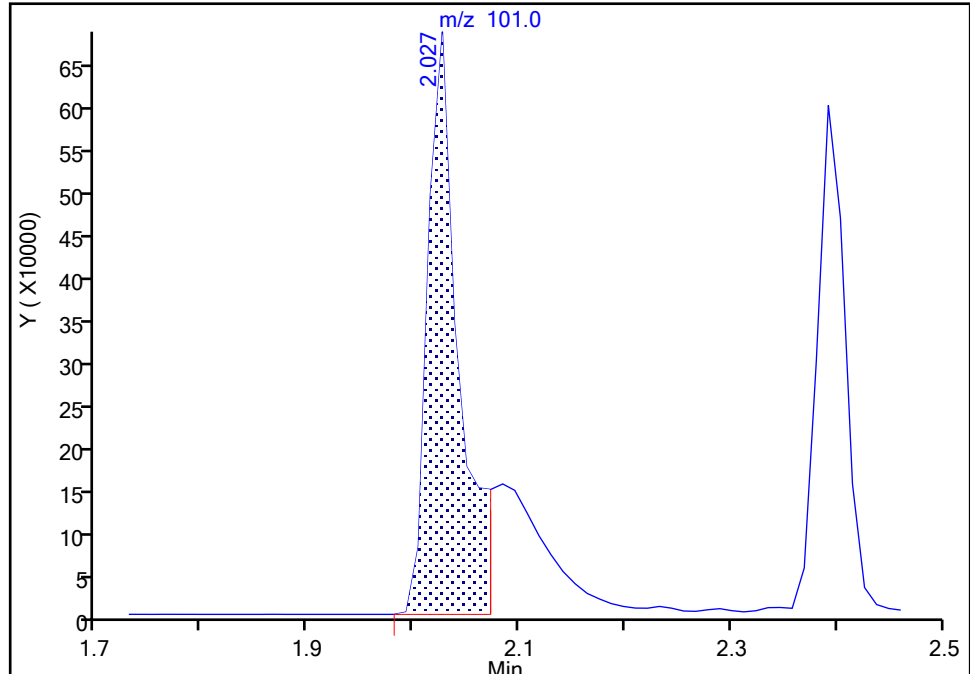
Detector: MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

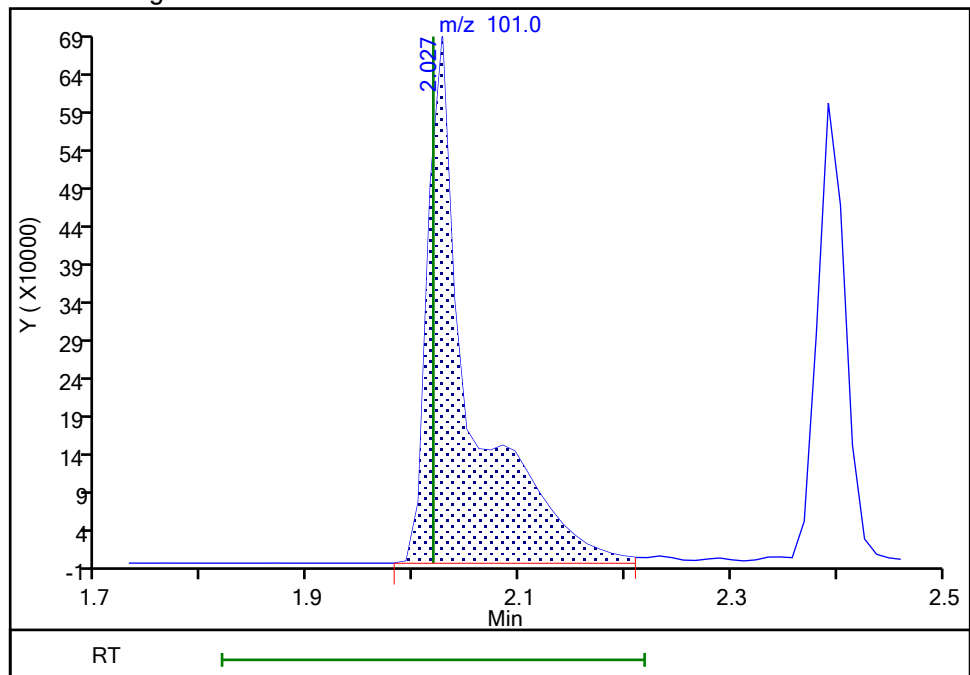
RT: 2.03
Area: 1419042
Amount: 390.2251
Amount Units: ug/l

Processing Integration Results



RT: 2.03
Area: 1927579
Amount: 506.4603
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 18:06:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D

Injection Date: 31-Aug-2022 15:27:30

Instrument ID: CVOAMS8

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

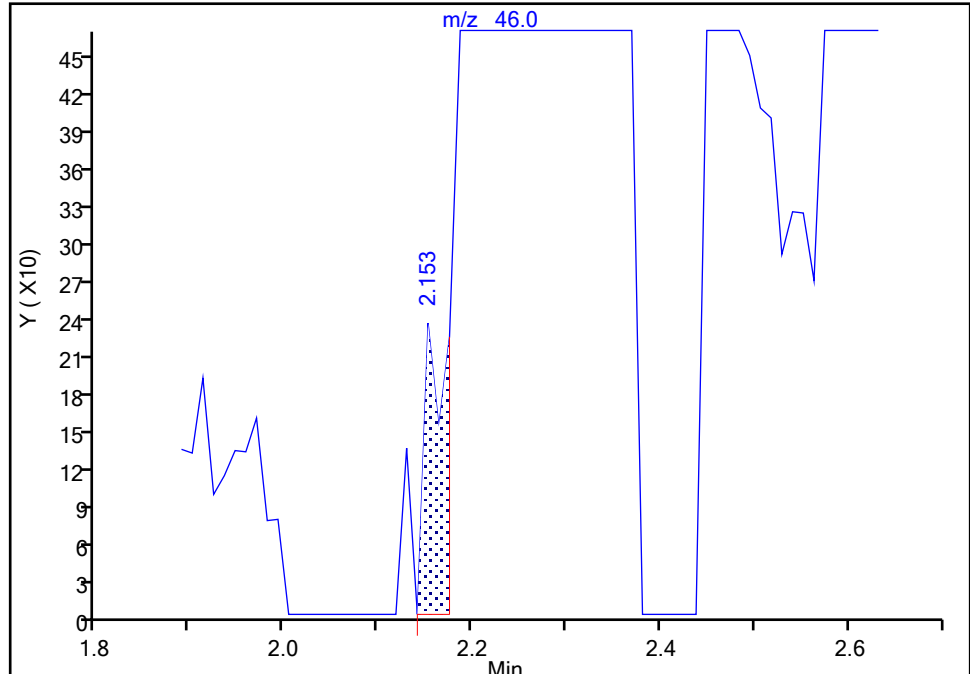
Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

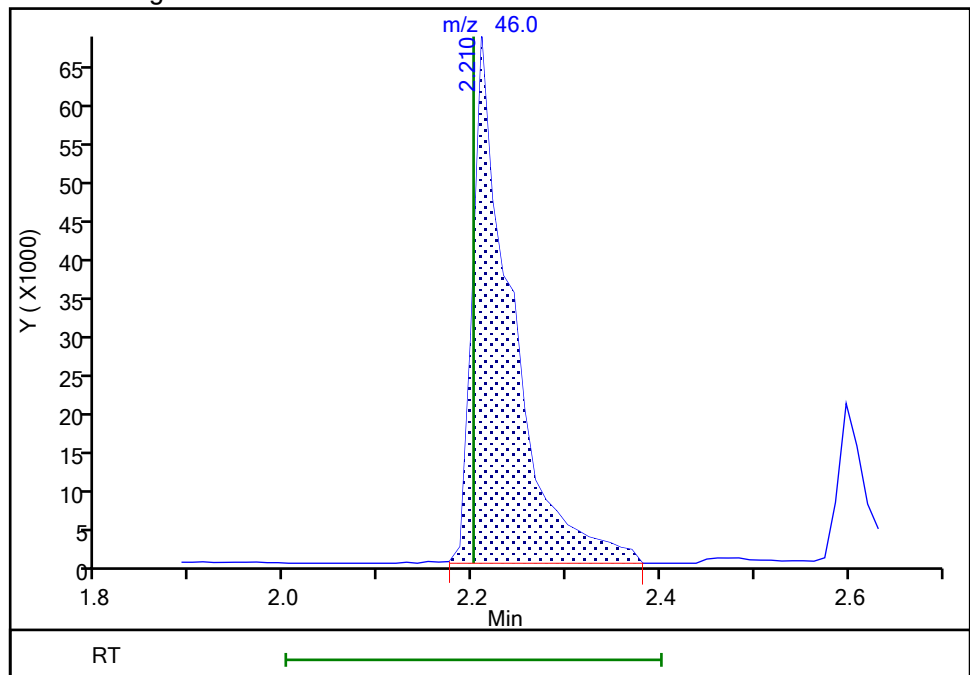
RT: 2.15
Area: 414
Amount: 49.368531
Amount Units: ug/l

Processing Integration Results



RT: 2.21
Area: 197813
Amount: 19720
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 18:06:12

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D

Injection Date: 31-Aug-2022 15:27:30

Instrument ID: CVOAMS8

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

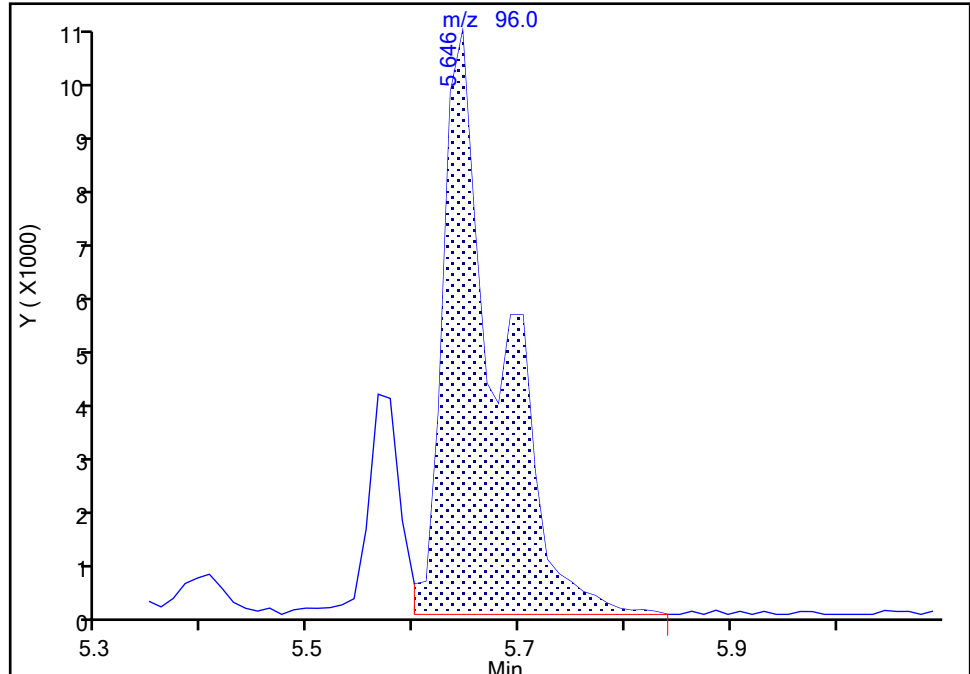
MS SCAN

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

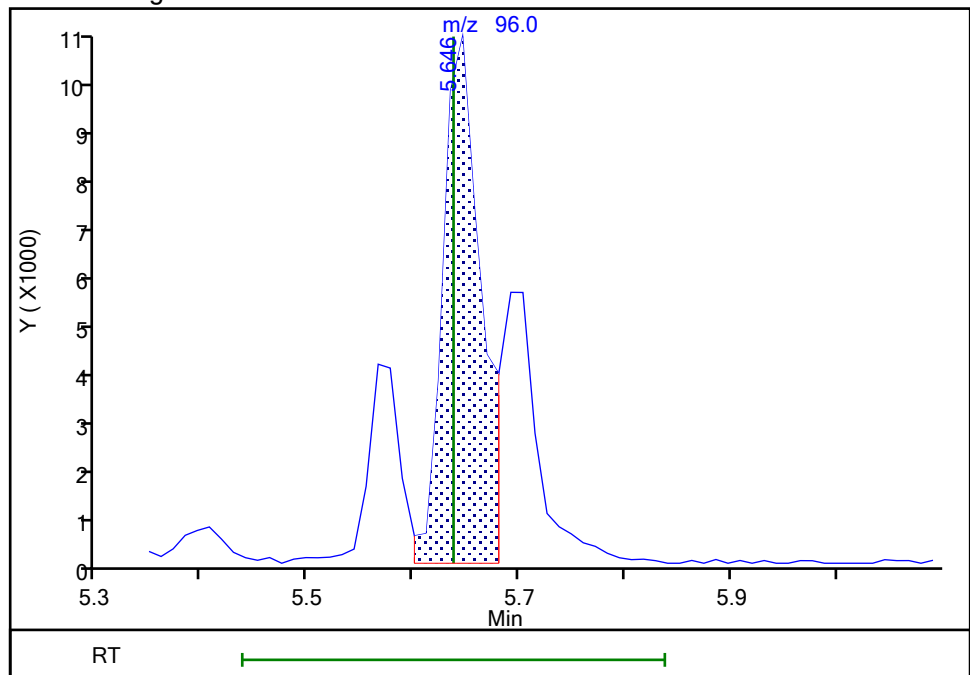
RT: 5.65
Area: 39361
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.65
Area: 27570
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 19:59:39

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Calibration

/ Chlorotrifluoroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

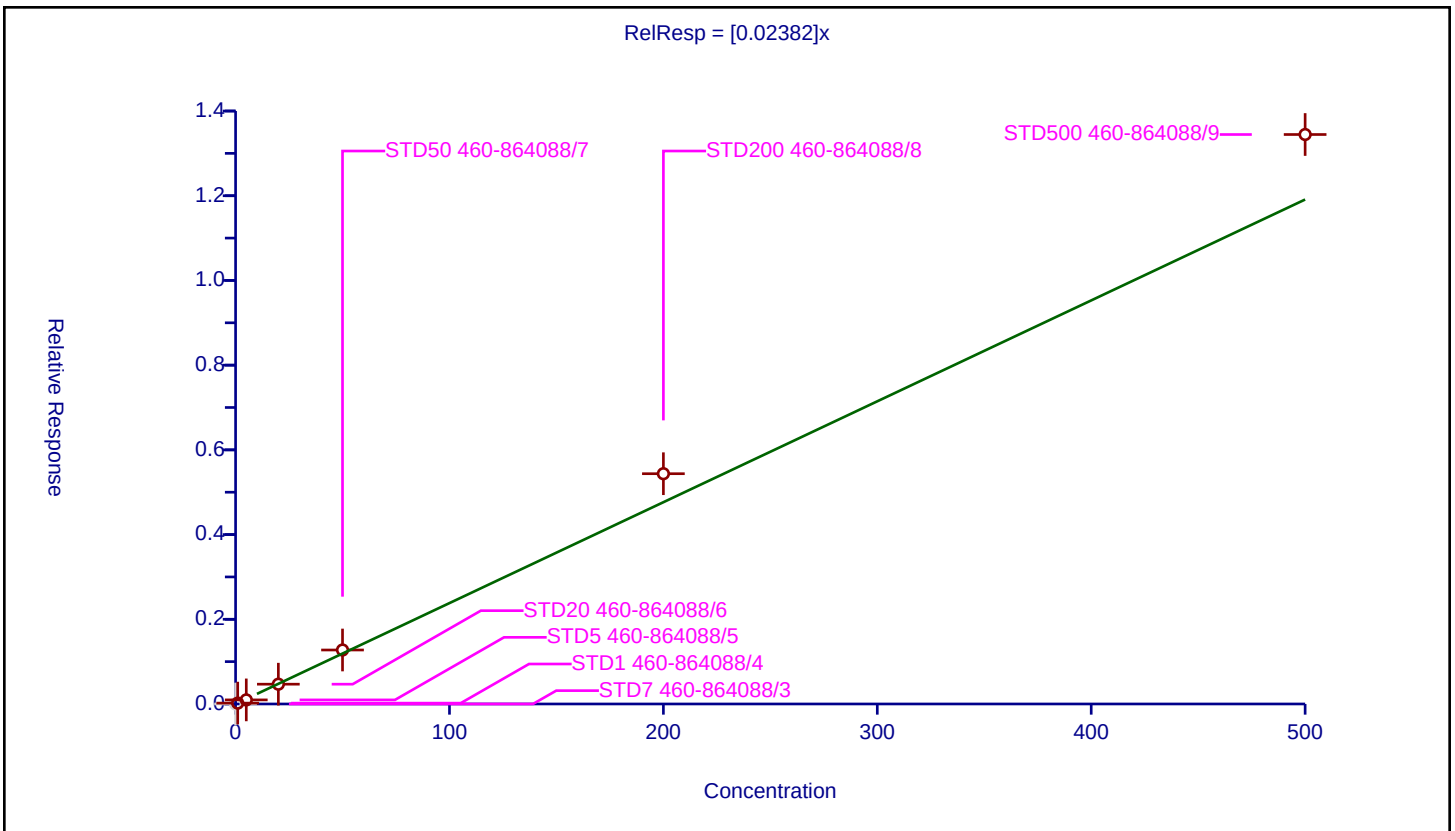
Curve Coefficients

Intercept: 0
 Slope: 0.02382

Error Coefficients

Standard Error: 69500
 Relative Standard Error: 13.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.02059	50.0	468667.0	0.02059	Y
3	STD5 460-864088/5	5.0	0.096942	50.0	467806.0	0.019388	Y
4	STD20 460-864088/6	20.0	0.467524	50.0	474521.0	0.023376	Y
5	STD50 460-864088/7	50.0	1.274684	50.0	481845.0	0.025494	Y
6	STD200 460-864088/8	200.0	5.436631	50.0	503446.0	0.027183	Y
7	STD500 460-864088/9	500.0	13.445151	50.0	538644.0	0.02689	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

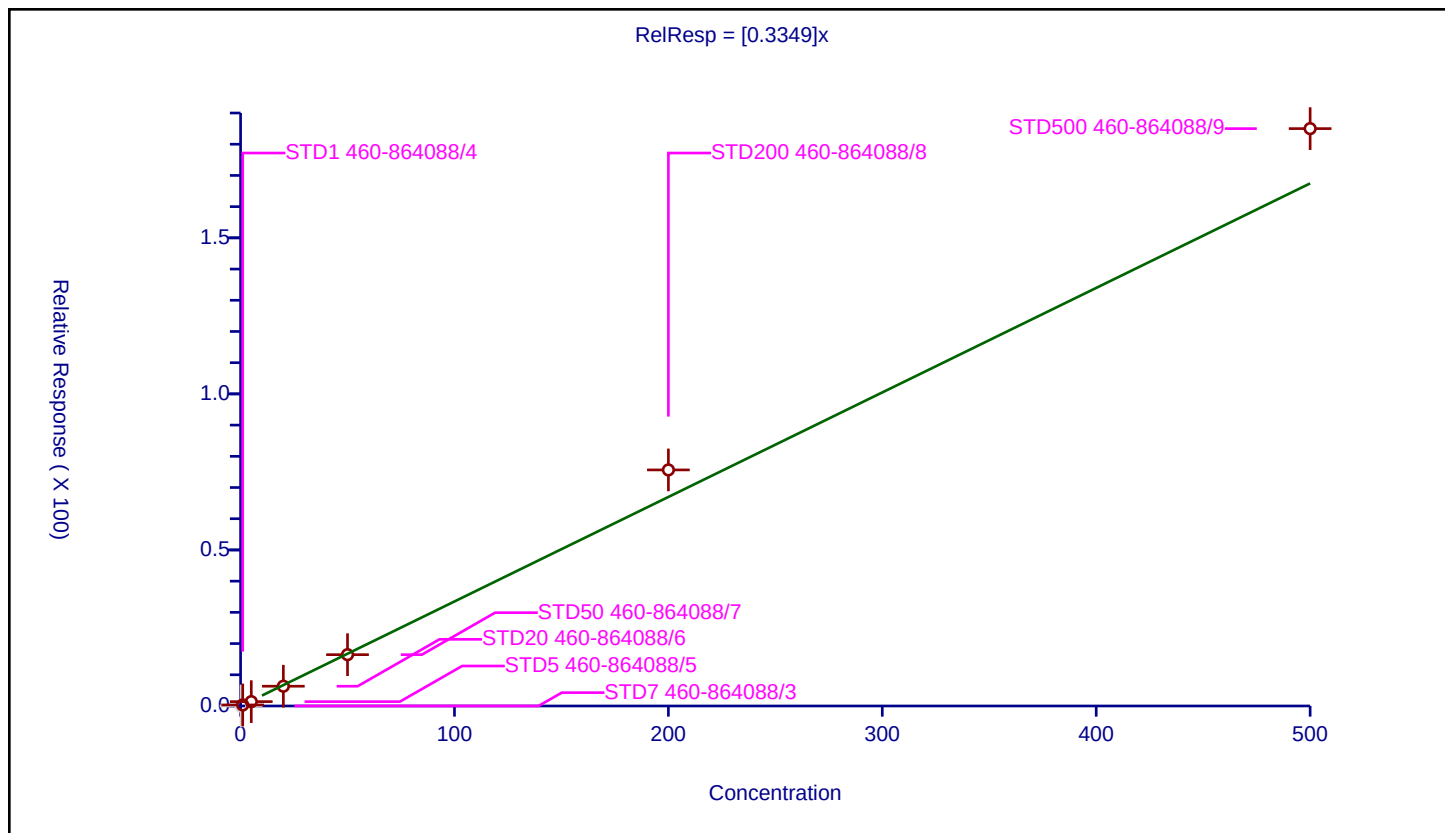
Curve Coefficients

Intercept: 0
 Slope: 0.3349

Error Coefficients

Standard Error: 957000
 Relative Standard Error: 10.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.337126	50.0	468667.0	0.337126	Y
3	STD5 460-864088/5	5.0	1.392778	50.0	467806.0	0.278556	Y
4	STD20 460-864088/6	20.0	6.331753	50.0	474521.0	0.316588	Y
5	STD50 460-864088/7	50.0	16.441594	50.0	481845.0	0.328832	Y
6	STD200 460-864088/8	200.0	75.64416	50.0	503446.0	0.378221	Y
7	STD500 460-864088/9	500.0	185.001875	50.0	538644.0	0.370004	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

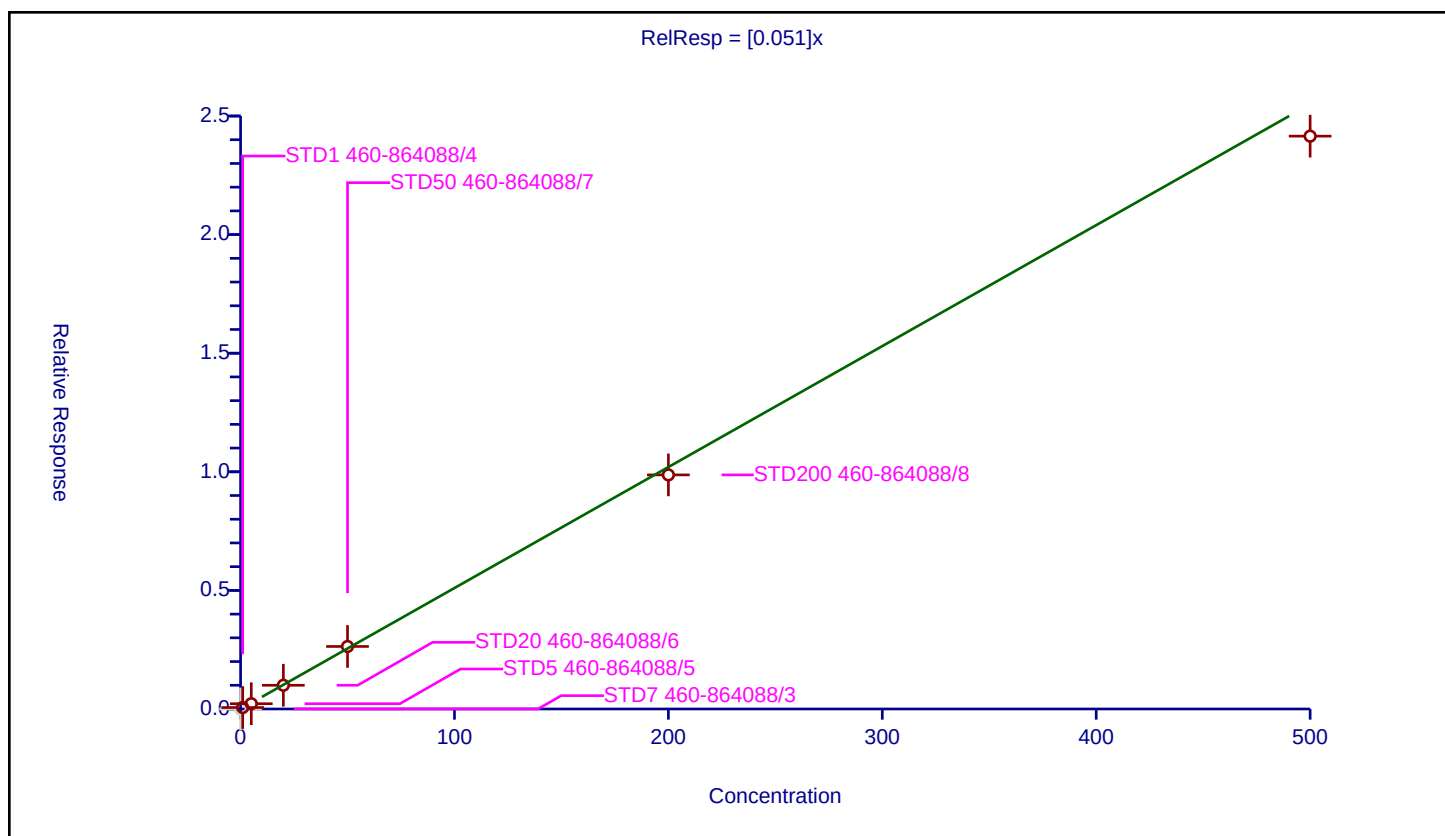
Curve Coefficients

Intercept: 0
 Slope: 0.051

Error Coefficients

Standard Error: 125000
 Relative Standard Error: 11.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.061131	50.0	468667.0	0.061131	Y
3	STD5 460-864088/5	5.0	0.222421	50.0	467806.0	0.044484	Y
4	STD20 460-864088/6	20.0	1.000166	50.0	474521.0	0.050008	Y
5	STD50 460-864088/7	50.0	2.635495	50.0	481845.0	0.05271	Y
6	STD200 460-864088/8	200.0	9.86938	50.0	503446.0	0.049347	Y
7	STD500 460-864088/9	500.0	24.151295	50.0	538644.0	0.048303	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

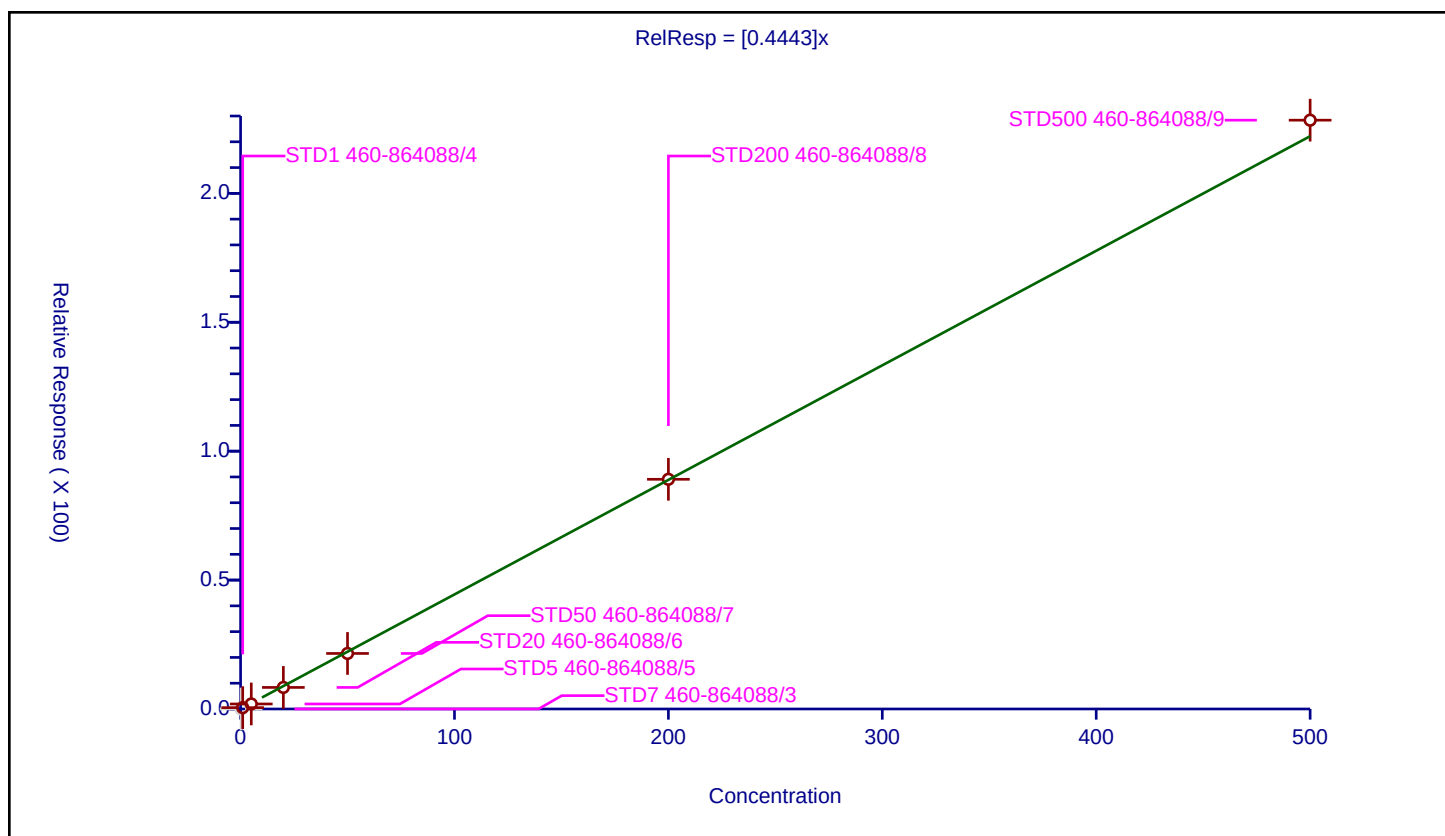
Curve Coefficients

Intercept: 0
 Slope: 0.4443

Error Coefficients

Standard Error: 1180000
 Relative Standard Error: 10.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.524146	50.0	468667.0	0.524146	Y
3	STD5 460-864088/5	5.0	1.954443	50.0	467806.0	0.390889	Y
4	STD20 460-864088/6	20.0	8.359061	50.0	474521.0	0.417953	Y
5	STD50 460-864088/7	50.0	21.537528	50.0	481845.0	0.430751	Y
6	STD200 460-864088/8	200.0	89.087906	50.0	503446.0	0.44544	Y
7	STD500 460-864088/9	500.0	228.383218	50.0	538644.0	0.456766	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

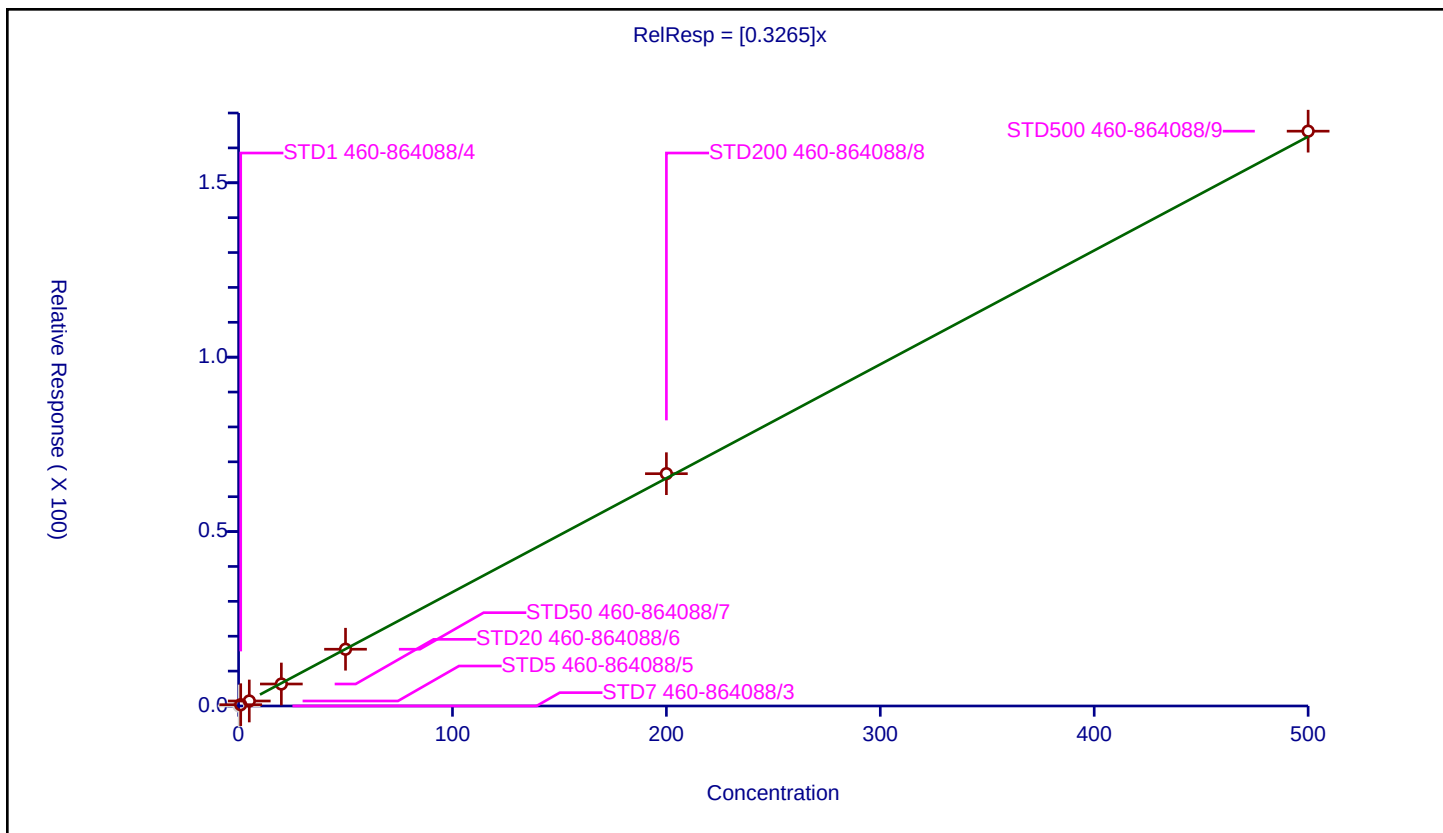
Curve Coefficients

Intercept: 0
 Slope: 0.3265

Error Coefficients

Standard Error: 852000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.369132	50.0	468667.0	0.369132	Y
3	STD5 460-864088/5	5.0	1.432859	50.0	467806.0	0.286572	Y
4	STD20 460-864088/6	20.0	6.302039	50.0	474521.0	0.315102	Y
5	STD50 460-864088/7	50.0	16.272453	50.0	481845.0	0.325449	Y
6	STD200 460-864088/8	200.0	66.599695	50.0	503446.0	0.332998	Y
7	STD500 460-864088/9	500.0	164.794558	50.0	538644.0	0.329589	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

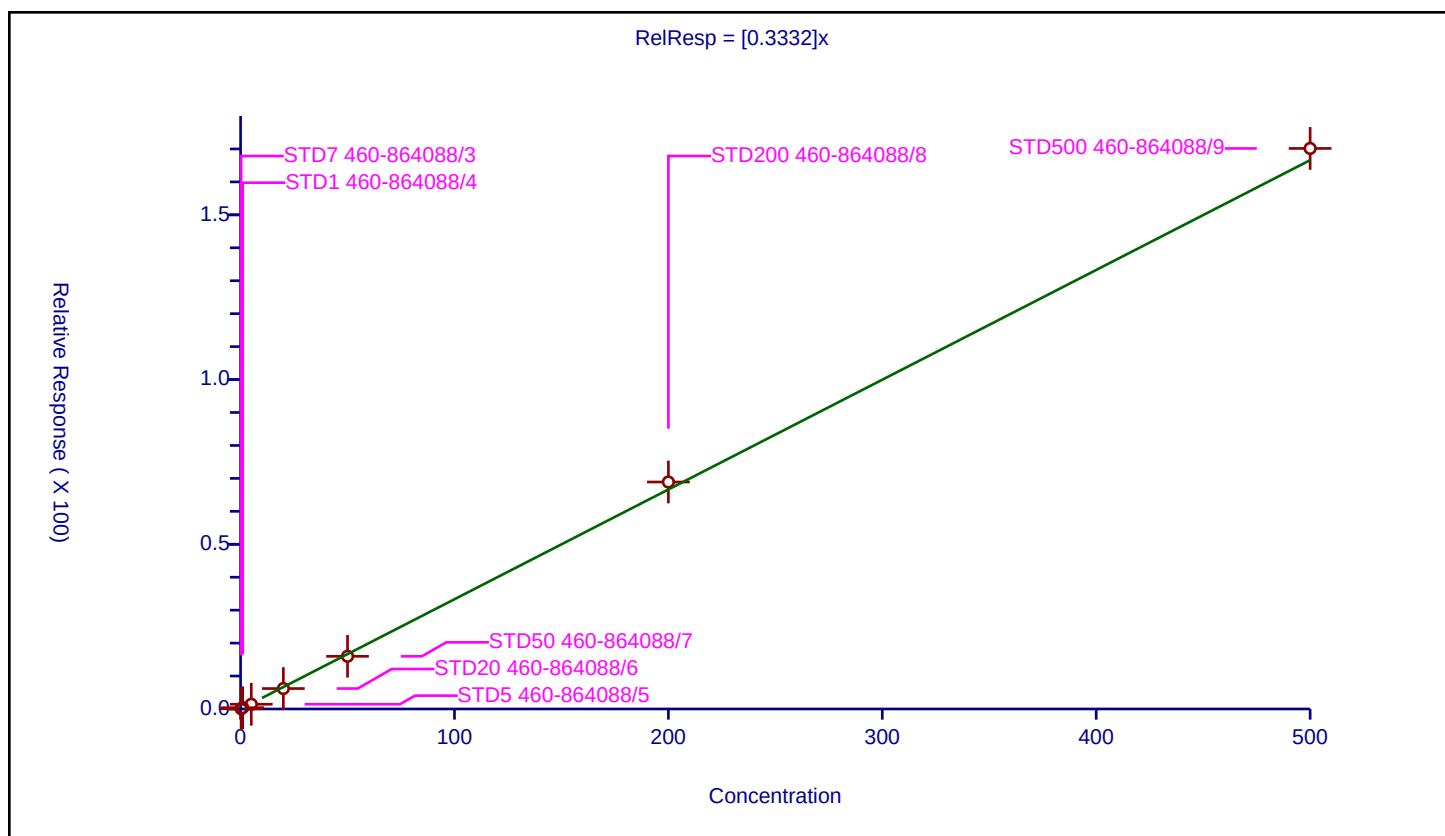
Curve Coefficients

Intercept: 0
Slope: 0.3332

Error Coefficients

Standard Error: 803000
Relative Standard Error: 9.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.084962	50.0	476093.0	0.33985	Y
2	STD1 460-864088/4	1.0	0.389402	50.0	468667.0	0.389402	Y
3	STD5 460-864088/5	5.0	1.439699	50.0	467806.0	0.28794	Y
4	STD20 460-864088/6	20.0	6.207207	50.0	474521.0	0.31036	Y
5	STD50 460-864088/7	50.0	15.992176	50.0	481845.0	0.319844	Y
6	STD200 460-864088/8	200.0	68.902424	50.0	503446.0	0.344512	Y
7	STD500 460-864088/9	500.0	170.160533	50.0	538644.0	0.340321	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

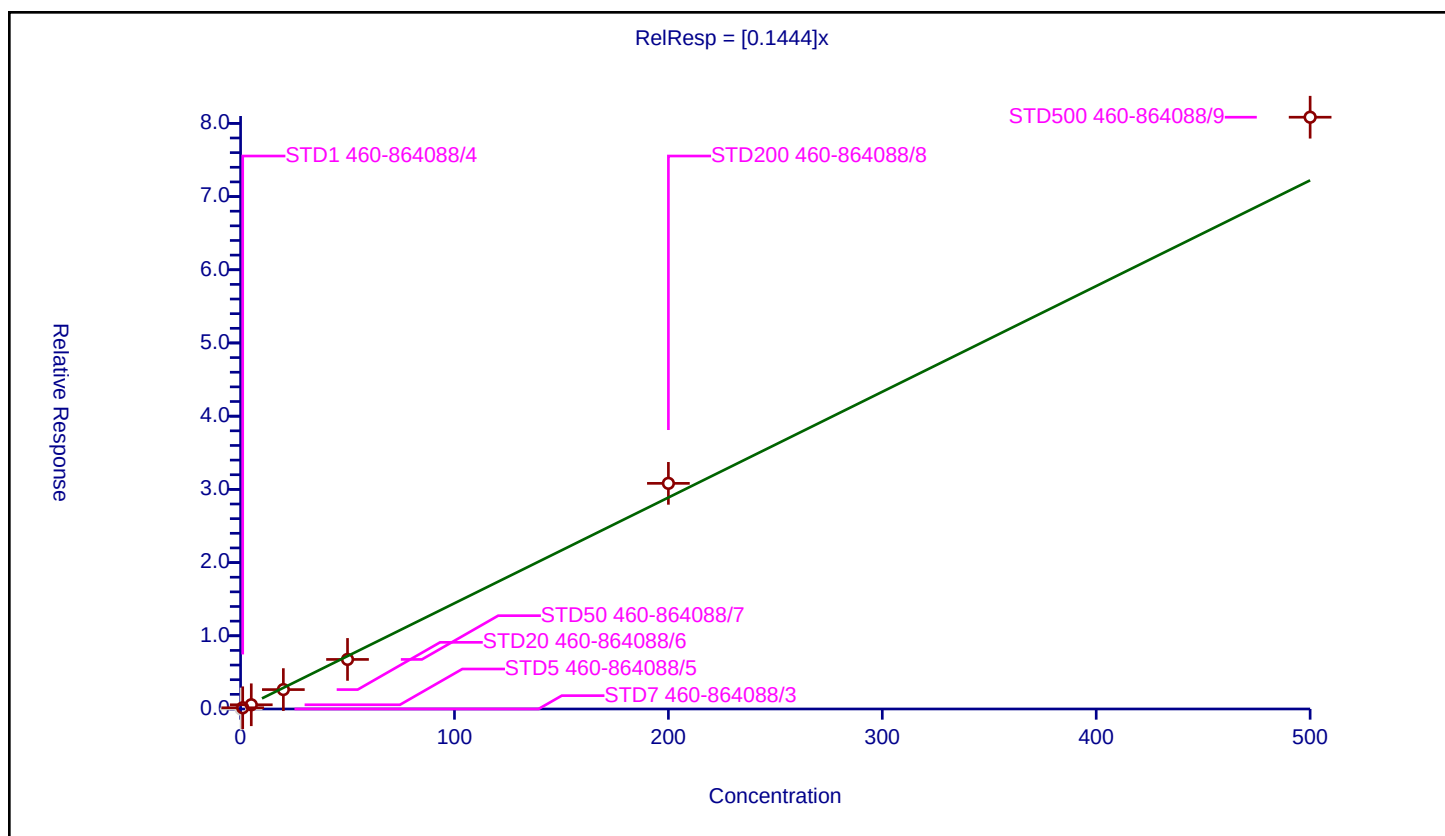
Curve Coefficients

Intercept: 0
 Slope: 0.1444

Error Coefficients

Standard Error: 415000
 Relative Standard Error: 13.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.167496	50.0	468667.0	0.167496	Y
3	STD5 460-864088/5	5.0	0.577483	50.0	467806.0	0.115497	Y
4	STD20 460-864088/6	20.0	2.64846	50.0	474521.0	0.132423	Y
5	STD50 460-864088/7	50.0	6.769708	50.0	481845.0	0.135394	Y
6	STD200 460-864088/8	200.0	30.820882	50.0	503446.0	0.154104	Y
7	STD500 460-864088/9	500.0	80.836879	50.0	538644.0	0.161674	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

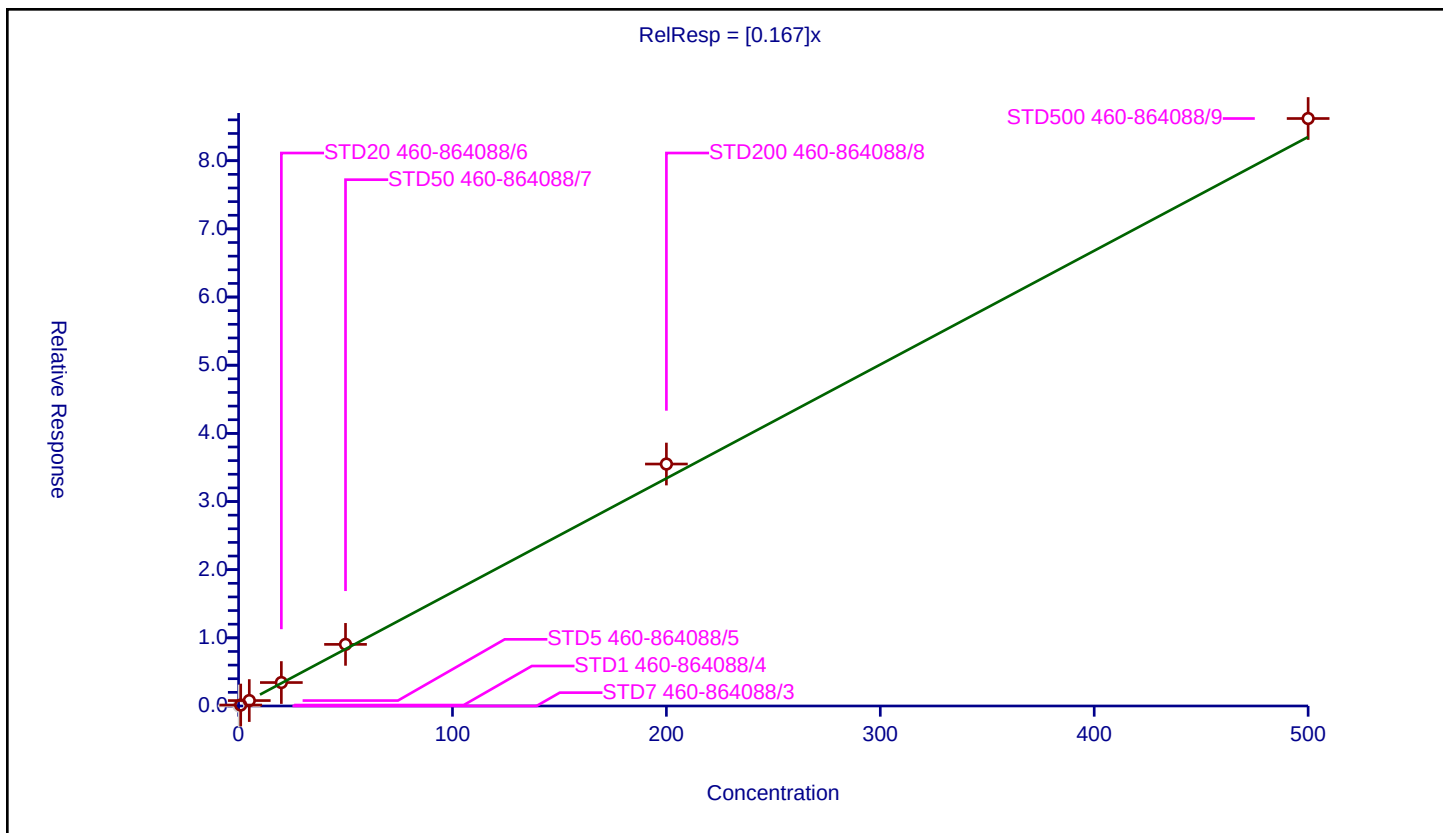
Curve Coefficients

Intercept: 0
 Slope: 0.167

Error Coefficients

Standard Error: 447000
 Relative Standard Error: 9.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.139651	50.0	468667.0	0.139651	Y
3	STD5 460-864088/5	5.0	0.798087	50.0	467806.0	0.159617	Y
4	STD20 460-864088/6	20.0	3.439468	50.0	474521.0	0.171973	Y
5	STD50 460-864088/7	50.0	9.038695	50.0	481845.0	0.180774	Y
6	STD200 460-864088/8	200.0	35.499438	50.0	503446.0	0.177497	Y
7	STD500 460-864088/9	500.0	86.193943	50.0	538644.0	0.172388	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

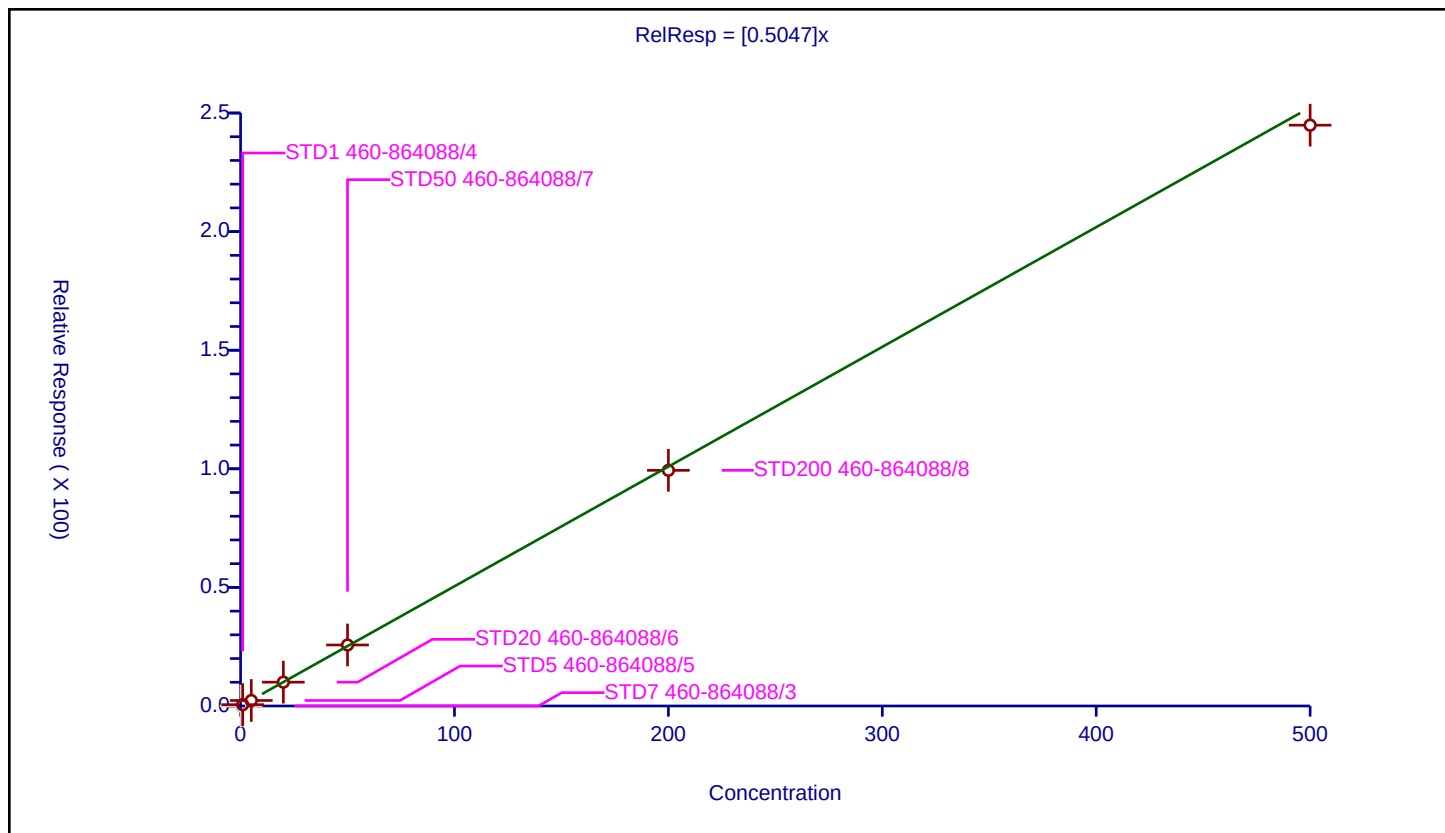
Curve Coefficients

Intercept: 0
 Slope: 0.5047

Error Coefficients

Standard Error: 1270000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.561059	50.0	468667.0	0.561059	Y
3	STD5 460-864088/5	5.0	2.319765	50.0	467806.0	0.463953	Y
4	STD20 460-864088/6	20.0	10.045709	50.0	474521.0	0.502285	Y
5	STD50 460-864088/7	50.0	25.713352	50.0	481845.0	0.514267	Y
6	STD200 460-864088/8	200.0	99.343127	50.0	503446.0	0.496716	Y
7	STD500 460-864088/9	500.0	244.870452	50.0	538644.0	0.489741	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

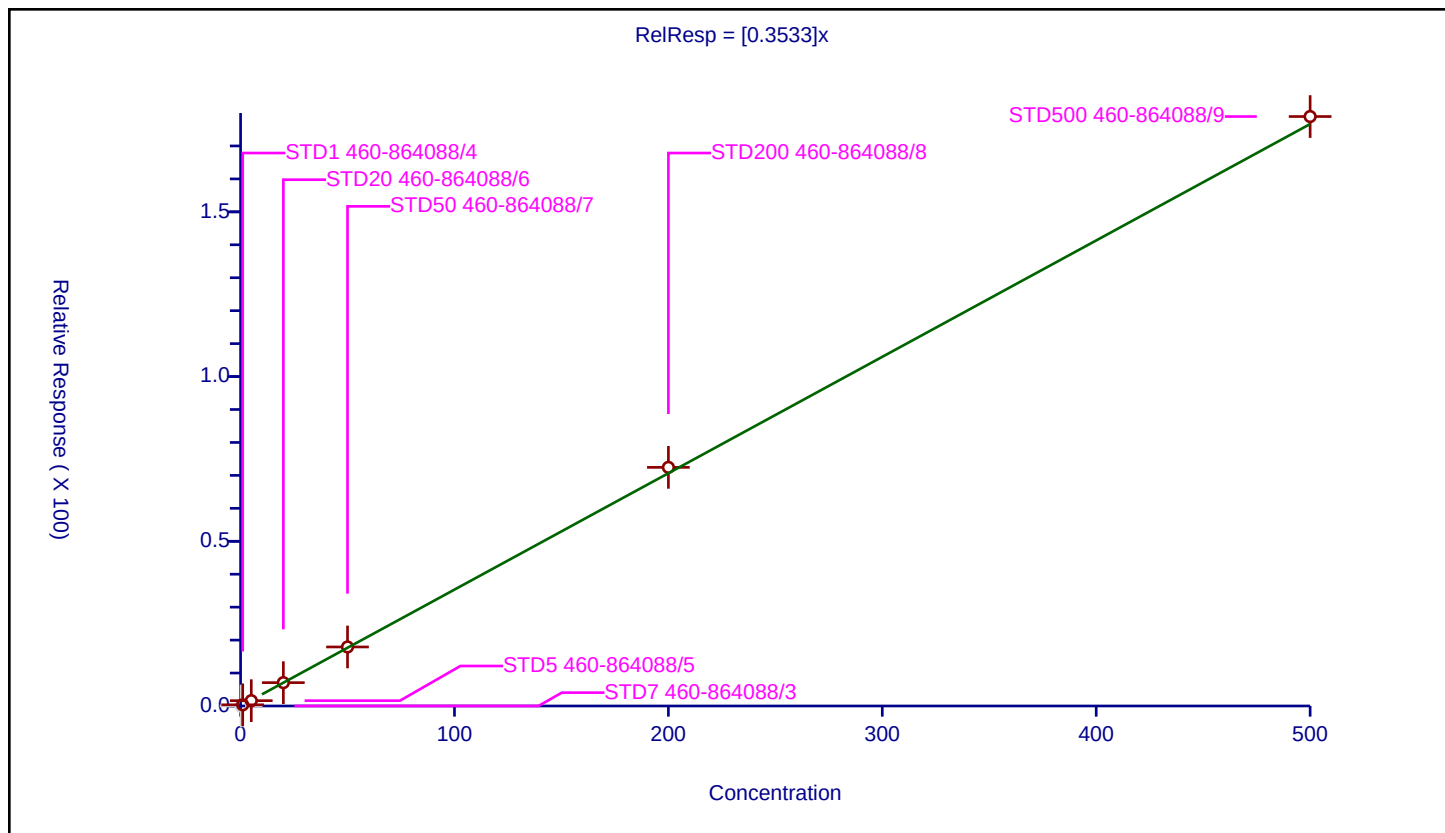
Curve Coefficients

Intercept: 0
 Slope: 0.3533

Error Coefficients

Standard Error: 925000
 Relative Standard Error: 4.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.363264	50.0	468667.0	0.363264	Y
3	STD5 460-864088/5	5.0	1.618406	50.0	467806.0	0.323681	Y
4	STD20 460-864088/6	20.0	7.088727	50.0	474521.0	0.354436	Y
5	STD50 460-864088/7	50.0	17.916965	50.0	481845.0	0.358339	Y
6	STD200 460-864088/8	200.0	72.435773	50.0	503446.0	0.362179	Y
7	STD500 460-864088/9	500.0	178.928847	50.0	538644.0	0.357858	Y



Calibration

/ Pentane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

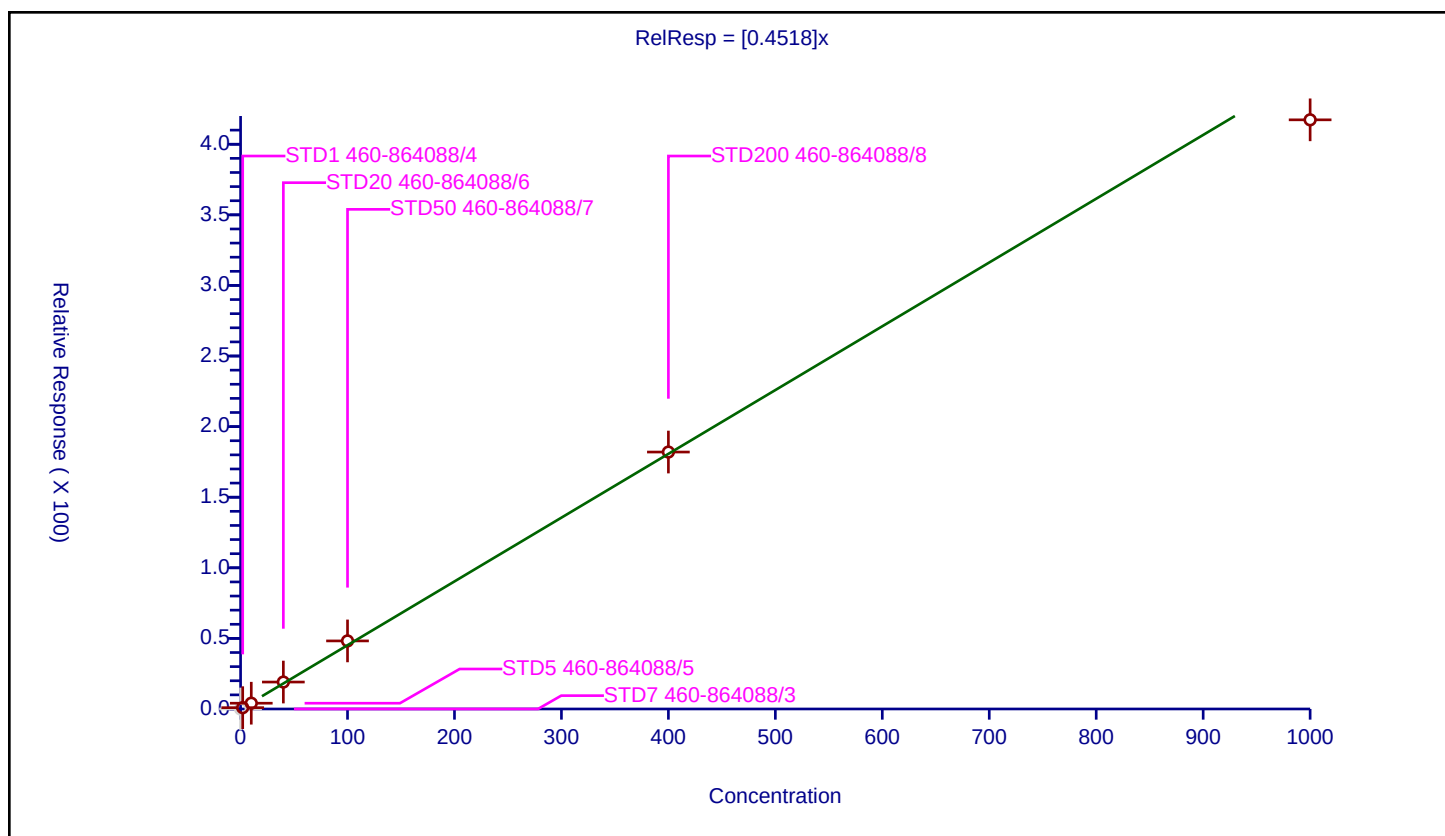
Curve Coefficients

Intercept: 0
 Slope: 0.4518

Error Coefficients

Standard Error: 2180000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	2.0	0.94022	50.0	468667.0	0.47011	Y
3	STD5 460-864088/5	10.0	4.091546	50.0	467806.0	0.409155	Y
4	STD20 460-864088/6	40.0	19.078713	50.0	474521.0	0.476968	Y
5	STD50 460-864088/7	100.0	48.216335	50.0	481845.0	0.482163	Y
6	STD200 460-864088/8	400.0	181.987343	50.0	503446.0	0.454968	Y
7	STD500 460-864088/9	1000.0	417.291198	50.0	538644.0	0.417291	Y



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

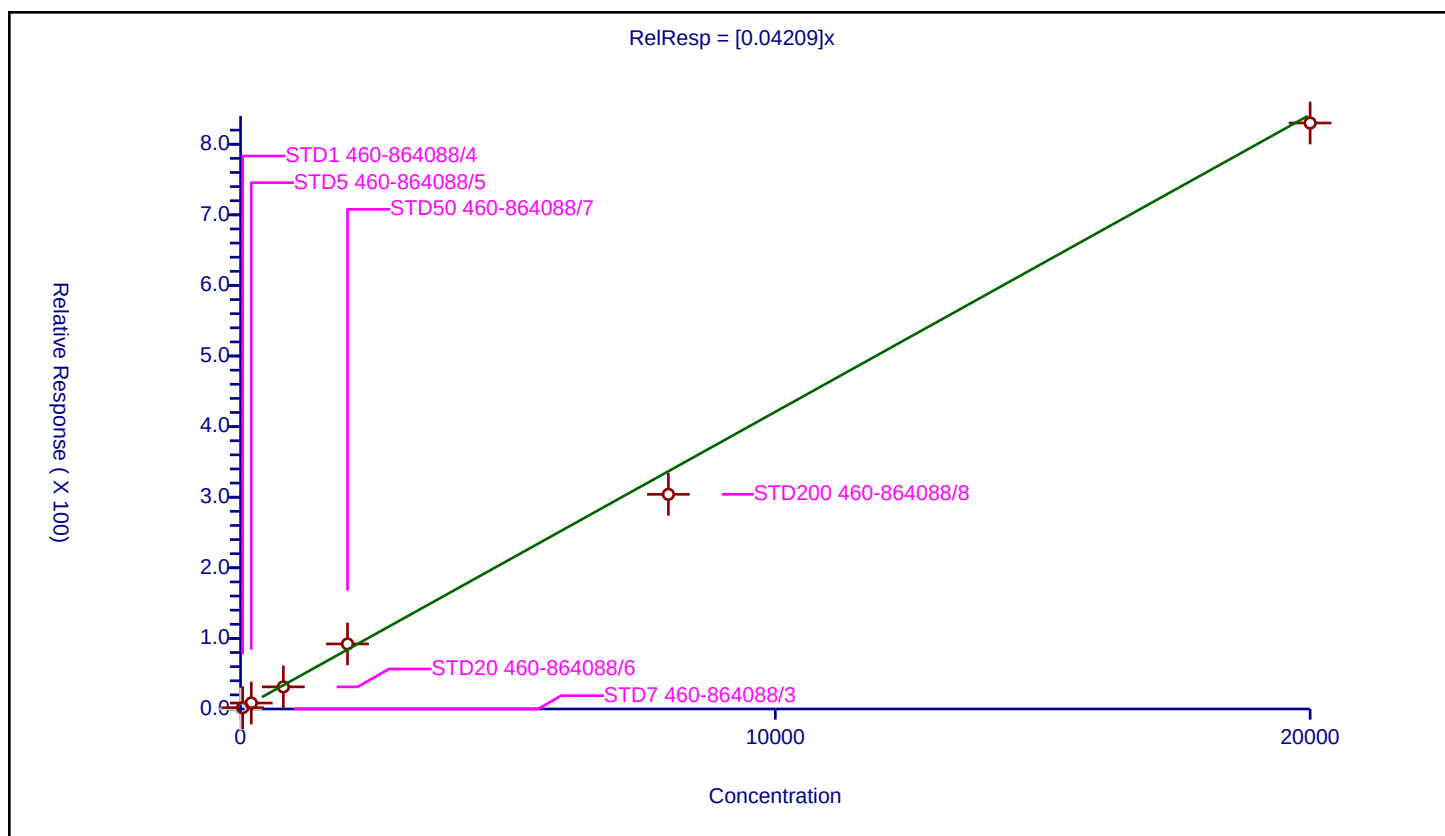
Curve Coefficients

Intercept: 0
 Slope: 0.04209

Error Coefficients

Standard Error: 93500
 Relative Standard Error: 7.8
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	40.0	1.8214	1000.0	193807.0	0.045535	Y
3	STD5 460-864088/5	200.0	8.459841	1000.0	196694.0	0.042299	Y
4	STD20 460-864088/6	800.0	31.315767	1000.0	198143.0	0.039145	Y
5	STD50 460-864088/7	2000.0	92.137857	1000.0	213148.0	0.046069	Y
6	STD200 460-864088/8	8000.0	304.076028	1000.0	221392.0	0.03801	Y
7	STD500 460-864088/9	20000.0	830.104197	1000.0	238299.0	0.041505	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

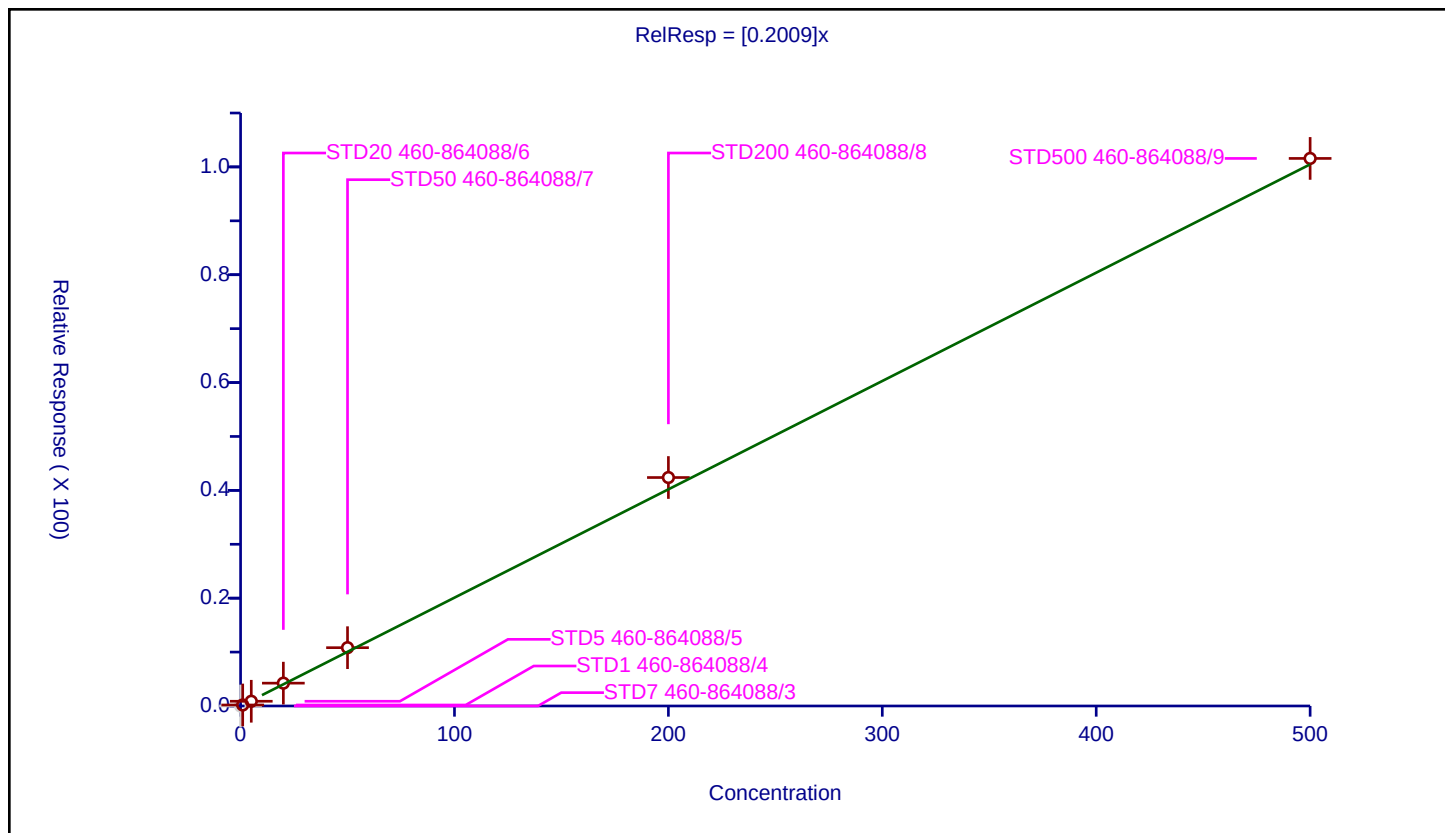
Curve Coefficients

Intercept: 0
Slope: 0.2009

Error Coefficients

Standard Error: 528000
Relative Standard Error: 8.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.18734	50.0	468667.0	0.18734	Y
3	STD5 460-864088/5	5.0	0.875897	50.0	467806.0	0.175179	Y
4	STD20 460-864088/6	20.0	4.23564	50.0	474521.0	0.211782	Y
5	STD50 460-864088/7	50.0	10.816549	50.0	481845.0	0.216331	Y
6	STD200 460-864088/8	200.0	42.381308	50.0	503446.0	0.211907	Y
7	STD500 460-864088/9	500.0	101.575345	50.0	538644.0	0.203151	Y



Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

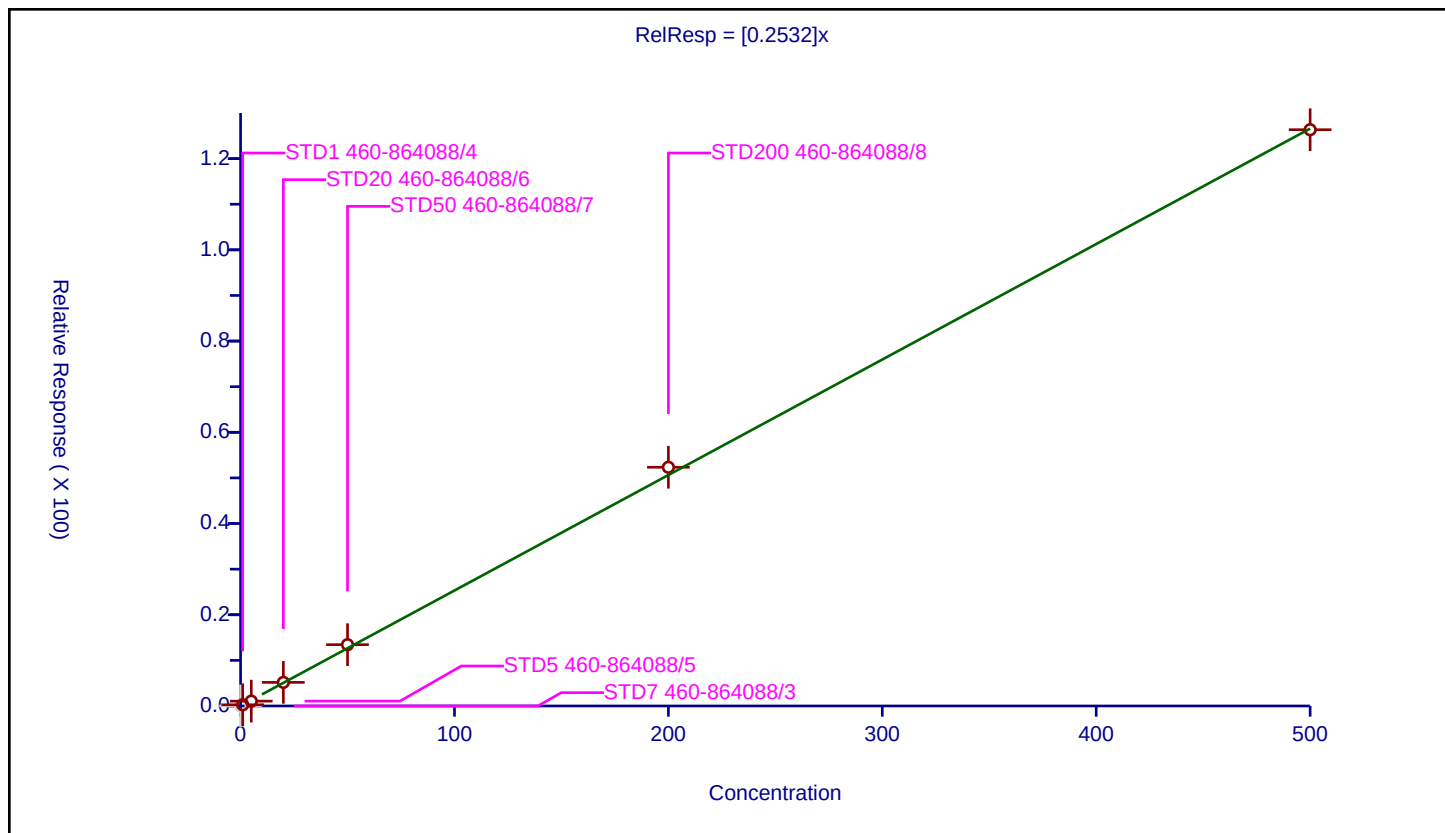
Curve Coefficients

Intercept: 0
 Slope: 0.2532

Error Coefficients

Standard Error: 656000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.264367	50.0	468667.0	0.264367	Y
3	STD5 460-864088/5	5.0	1.063154	50.0	467806.0	0.212631	Y
4	STD20 460-864088/6	20.0	5.174903	50.0	474521.0	0.258745	Y
5	STD50 460-864088/7	50.0	13.446025	50.0	481845.0	0.268921	Y
6	STD200 460-864088/8	200.0	52.337192	50.0	503446.0	0.261686	Y
7	STD500 460-864088/9	500.0	126.340217	50.0	538644.0	0.25268	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

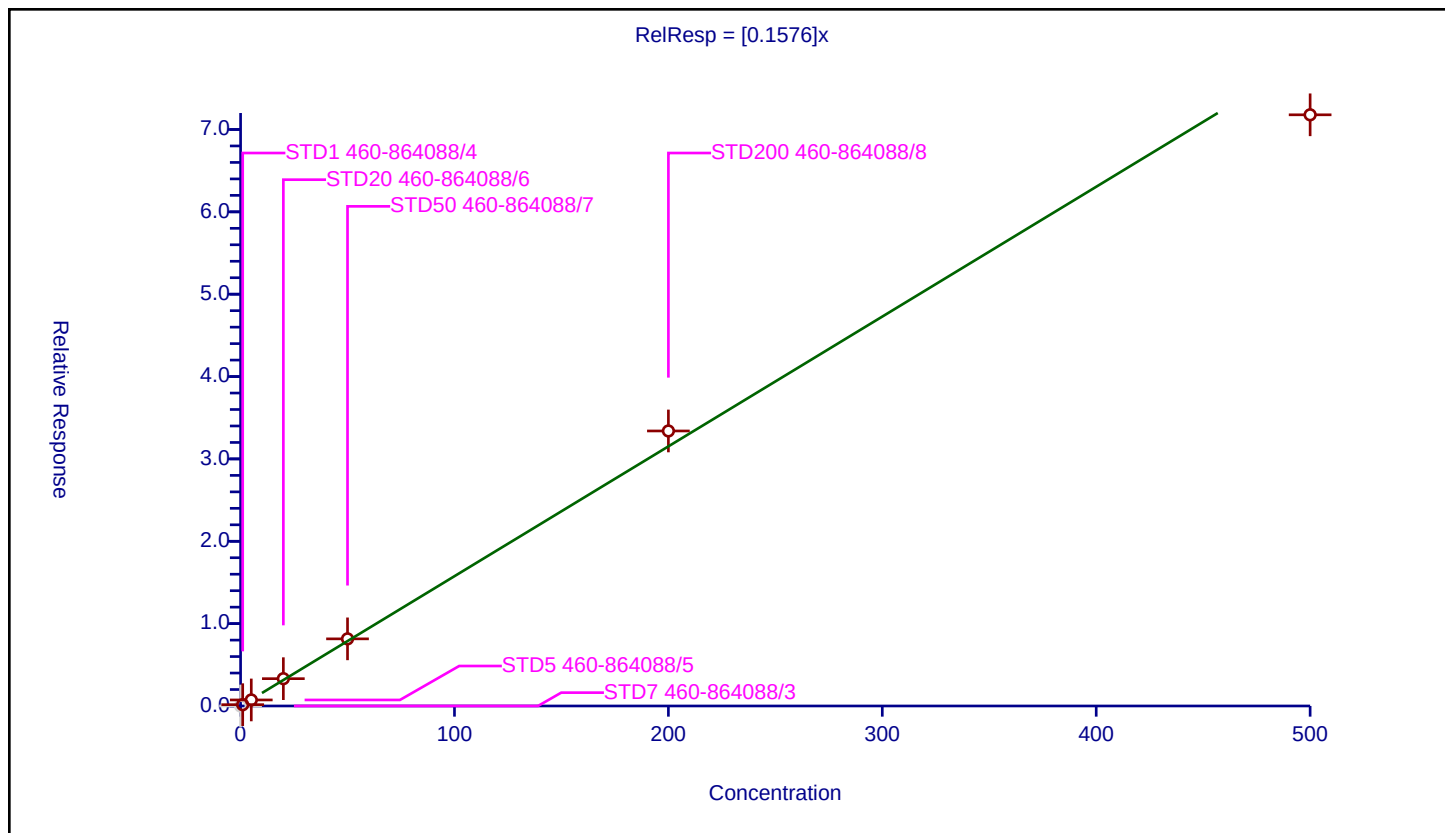
Curve Coefficients

Intercept: 0
 Slope: 0.1576

Error Coefficients

Standard Error: 379000
 Relative Standard Error: 6.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.159708	50.0	468667.0	0.159708	Y
3	STD5 460-864088/5	5.0	0.732676	50.0	467806.0	0.146535	Y
4	STD20 460-864088/6	20.0	3.317345	50.0	474521.0	0.165867	Y
5	STD50 460-864088/7	50.0	8.151065	50.0	481845.0	0.163021	Y
6	STD200 460-864088/8	200.0	33.393254	50.0	503446.0	0.166966	Y
7	STD500 460-864088/9	500.0	71.78359	50.0	538644.0	0.143567	Y



Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

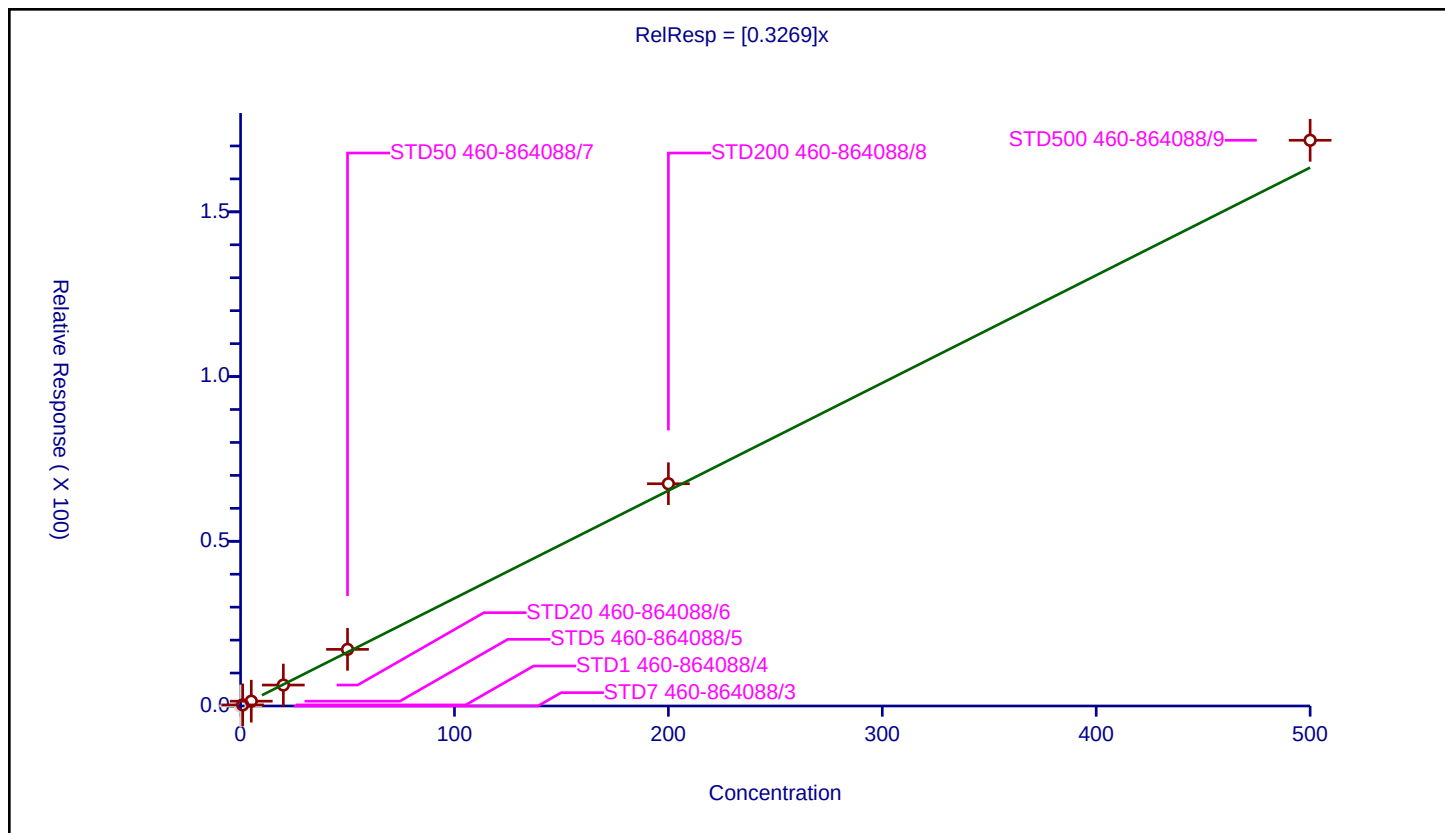
Curve Coefficients

Intercept: 0
 Slope: 0.3269

Error Coefficients

Standard Error: 885000
 Relative Standard Error: 6.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.326564	50.0	468667.0	0.326564	Y
3	STD5 460-864088/5	5.0	1.461396	50.0	467806.0	0.292279	Y
4	STD20 460-864088/6	20.0	6.355988	50.0	474521.0	0.317799	Y
5	STD50 460-864088/7	50.0	17.187996	50.0	481845.0	0.34376	Y
6	STD200 460-864088/8	200.0	67.462151	50.0	503446.0	0.337311	Y
7	STD500 460-864088/9	500.0	171.730215	50.0	538644.0	0.34346	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

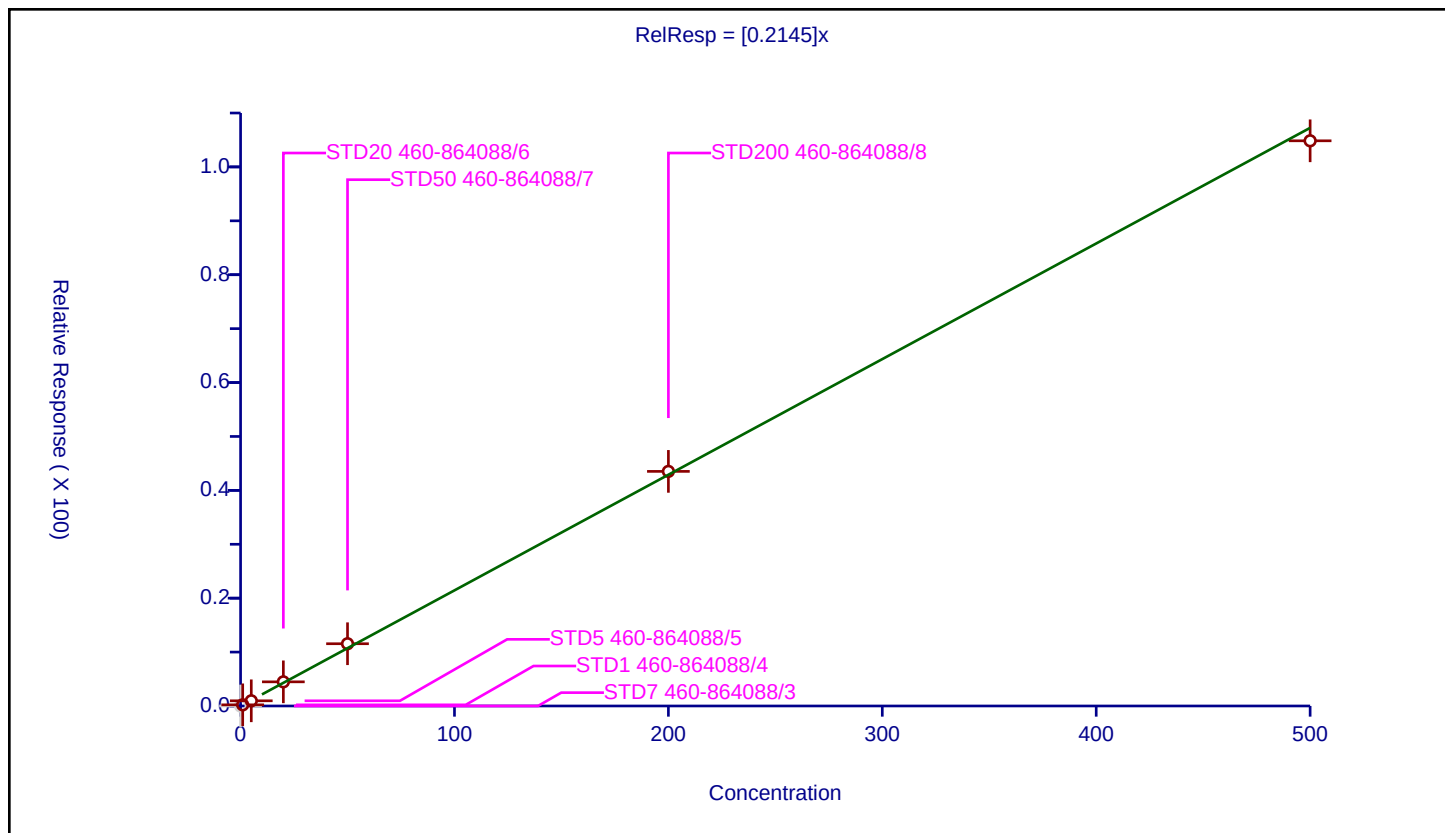
Curve Coefficients

Intercept: 0
 Slope: 0.2145

Error Coefficients

Standard Error: 544000
 Relative Standard Error: 6.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.212838	50.0	468667.0	0.212838	Y
3	STD5 460-864088/5	5.0	0.959906	50.0	467806.0	0.191981	Y
4	STD20 460-864088/6	20.0	4.477041	50.0	474521.0	0.223852	Y
5	STD50 460-864088/7	50.0	11.548838	50.0	481845.0	0.230977	Y
6	STD200 460-864088/8	200.0	43.521152	50.0	503446.0	0.217606	Y
7	STD500 460-864088/9	500.0	104.846522	50.0	538644.0	0.209693	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

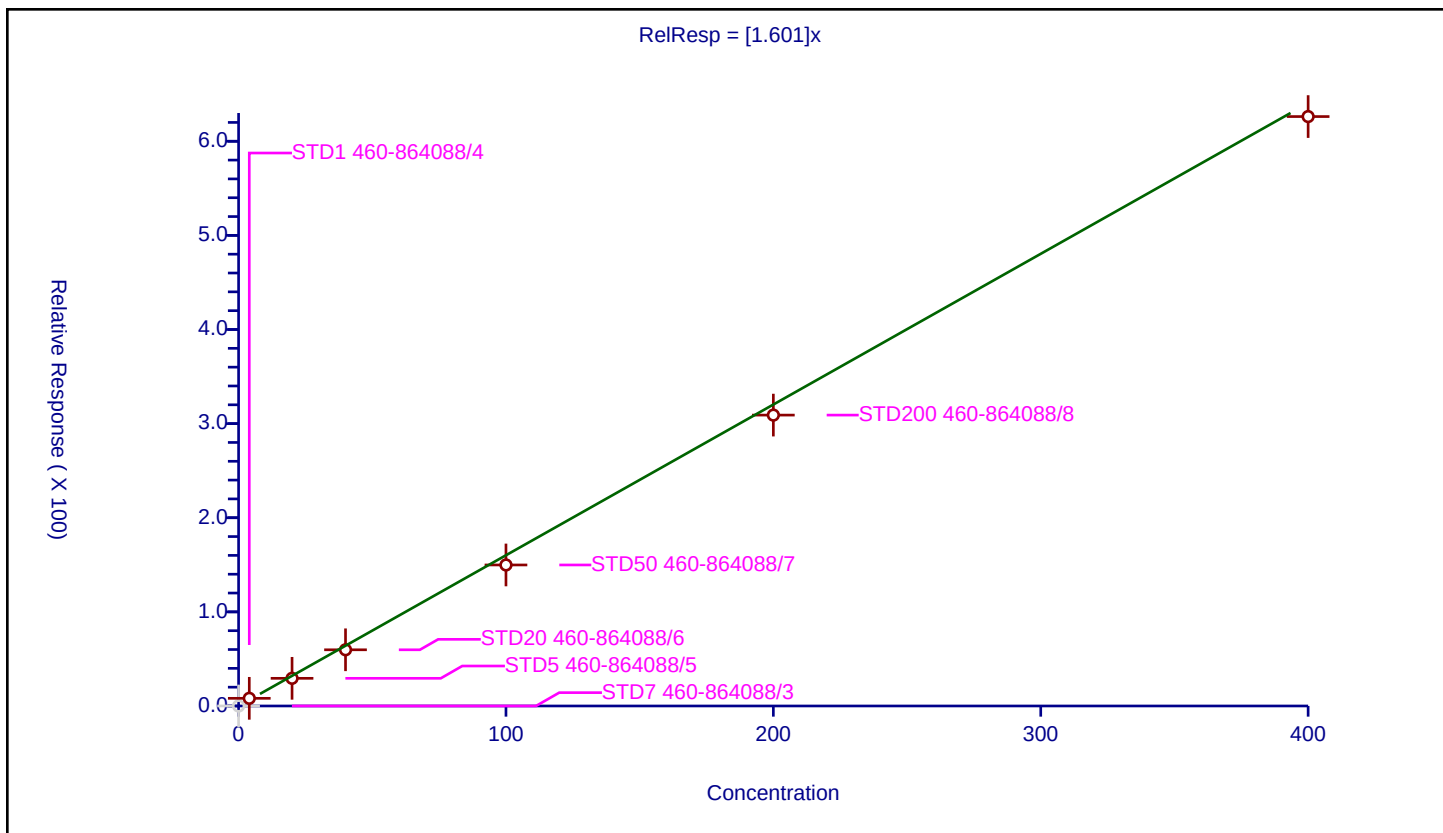
Curve Coefficients

Intercept: 0
Slope: 1.601

Error Coefficients

Standard Error: 74700
Relative Standard Error: 13.5
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	4.0	8.142121	1000.0	193807.0	2.03553	Y
3	STD5 460-864088/5	20.0	29.406083	1000.0	196694.0	1.470304	Y
4	STD20 460-864088/6	40.0	59.709402	1000.0	198143.0	1.492735	Y
5	STD50 460-864088/7	100.0	149.84424	1000.0	213148.0	1.498442	Y
6	STD200 460-864088/8	200.0	309.058141	1000.0	221392.0	1.545291	Y
7	STD500 460-864088/9	400.0	626.242662	1000.0	238299.0	1.565607	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

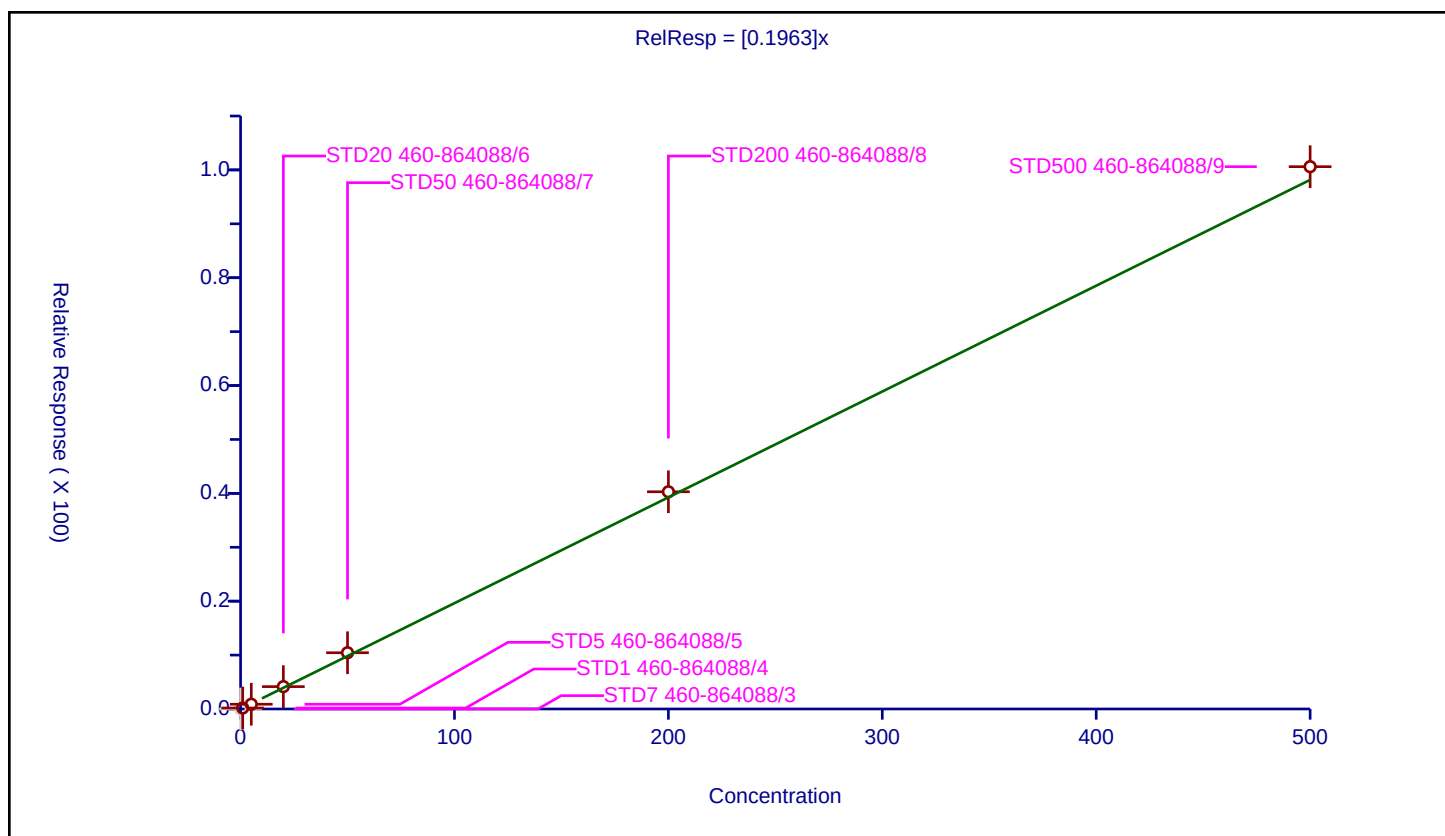
Curve Coefficients

Intercept: 0
 Slope: 0.1963

Error Coefficients

Standard Error: 520000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.182539	50.0	468667.0	0.182539	Y
3	STD5 460-864088/5	5.0	0.882845	50.0	467806.0	0.176569	Y
4	STD20 460-864088/6	20.0	4.146076	50.0	474521.0	0.207304	Y
5	STD50 460-864088/7	50.0	10.435825	50.0	481845.0	0.208716	Y
6	STD200 460-864088/8	200.0	40.295285	50.0	503446.0	0.201476	Y
7	STD500 460-864088/9	500.0	100.599654	50.0	538644.0	0.201199	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

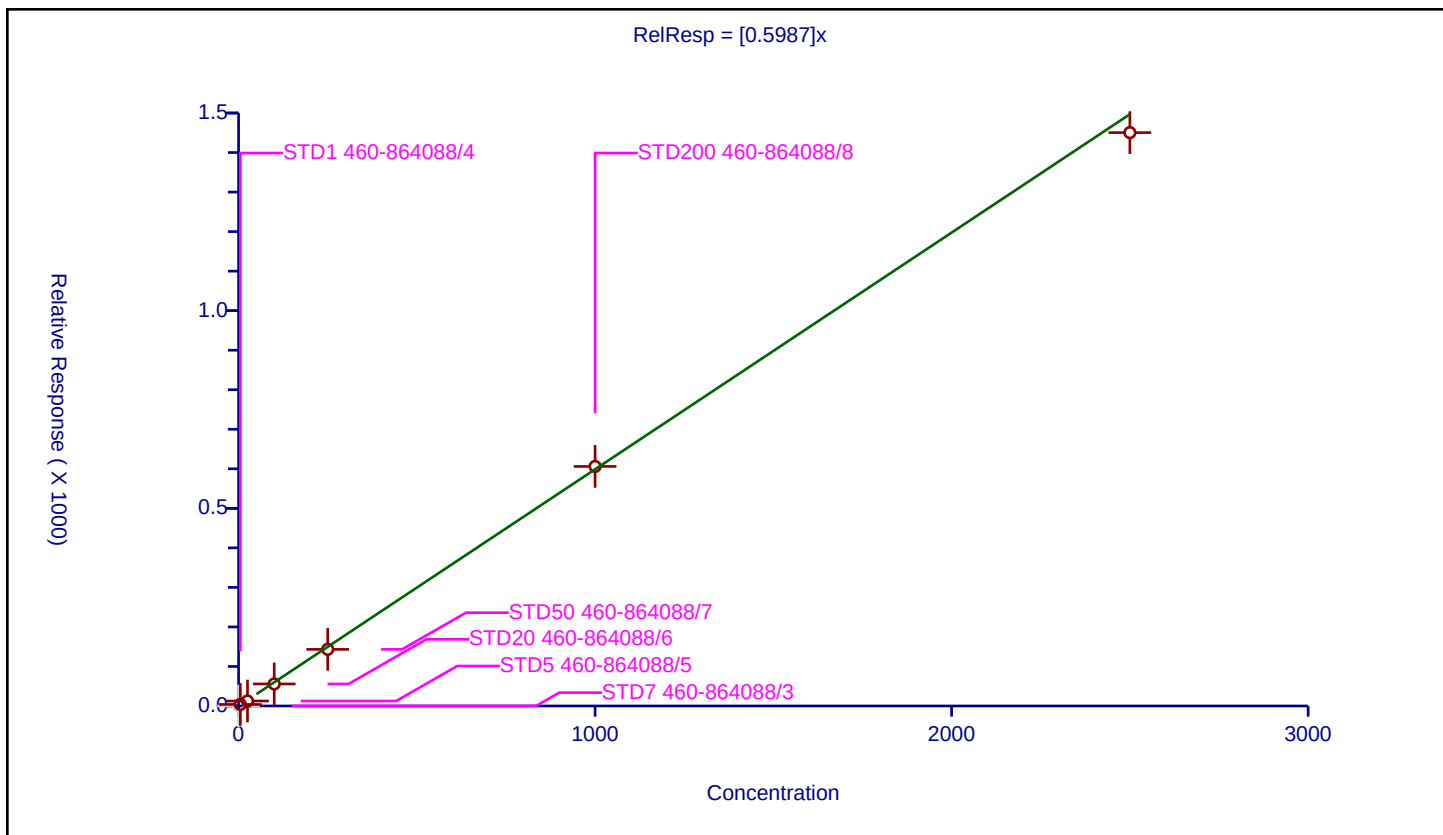
Curve Coefficients

Intercept: 0
Slope: 0.5987

Error Coefficients

Standard Error: 1000000
Relative Standard Error: 15.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	5.0	3.860675	250.0	299559.0	0.772135	Y
3	STD5 460-864088/5	25.0	12.586048	250.0	304047.0	0.503442	Y
4	STD20 460-864088/6	100.0	55.780464	250.0	304569.0	0.557805	Y
5	STD50 460-864088/7	250.0	143.212063	250.0	318683.0	0.572848	Y
6	STD200 460-864088/8	1000.0	605.980328	250.0	335199.0	0.60598	Y
7	STD500 460-864088/9	2500.0	1450.442553	250.0	358488.0	0.580177	Y



Calibration

/ Iodomethane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

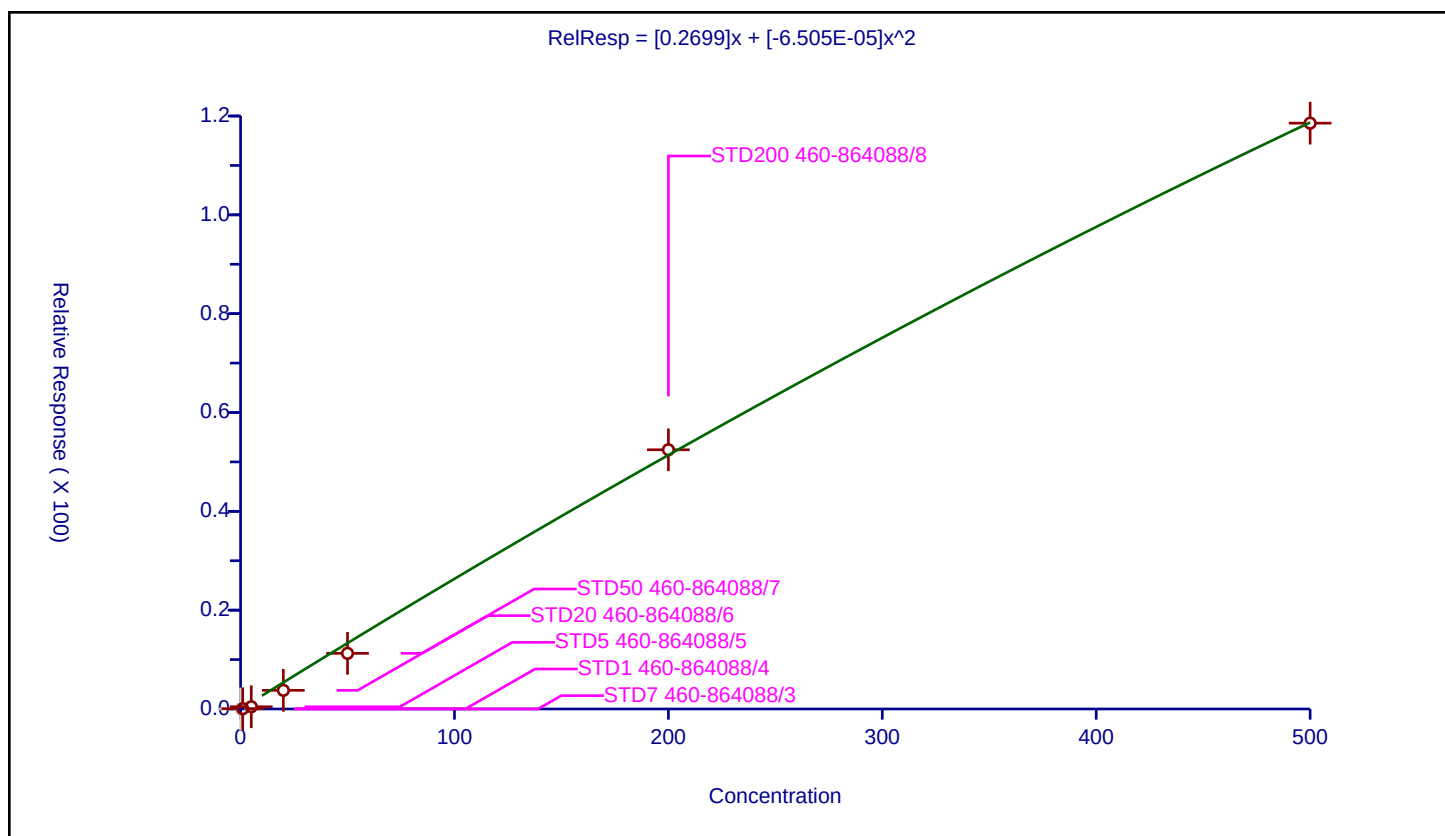
Curve Coefficients

Intercept: 0
 Slope: 0.2699
 Second Order: -6.505E-05

Error Coefficients

Standard Error: 693000
 Relative Standard Error: 54.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.052489	50.0	468667.0	0.052489	Y
3	STD5 460-864088/5	5.0	0.451897	50.0	467806.0	0.090379	Y
4	STD20 460-864088/6	20.0	3.773489	50.0	474521.0	0.188674	Y
5	STD50 460-864088/7	50.0	11.259949	50.0	481845.0	0.225199	Y
6	STD200 460-864088/8	200.0	52.45647	50.0	503446.0	0.262282	Y
7	STD500 460-864088/9	500.0	118.553906	50.0	538644.0	0.237108	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

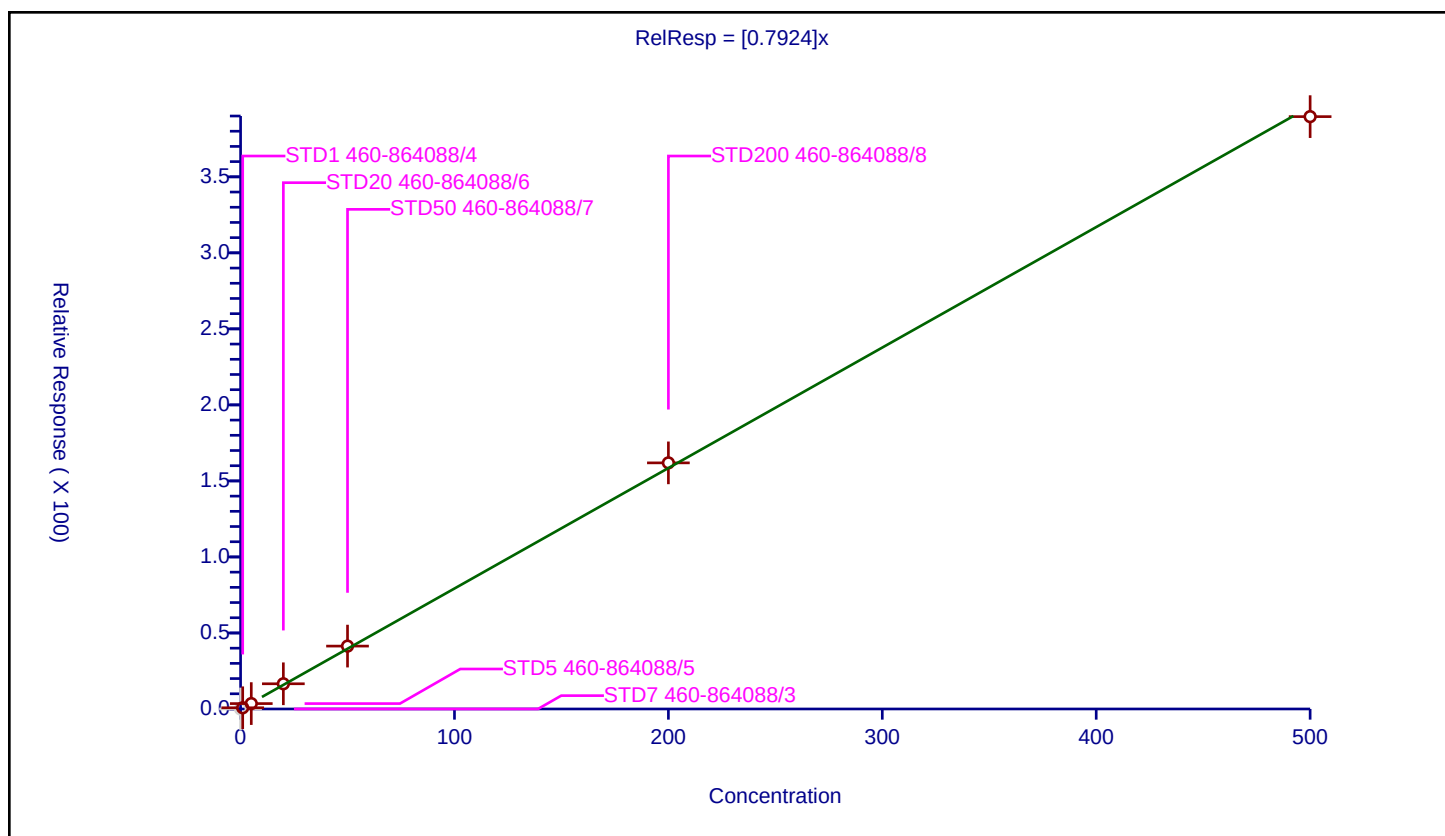
Curve Coefficients

Intercept: 0
 Slope: 0.7924

Error Coefficients

Standard Error: 2020000
 Relative Standard Error: 5.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.798435	50.0	468667.0	0.798435	Y
3	STD5 460-864088/5	5.0	3.554999	50.0	467806.0	0.711	Y
4	STD20 460-864088/6	20.0	16.580931	50.0	474521.0	0.829047	Y
5	STD50 460-864088/7	50.0	41.357802	50.0	481845.0	0.827156	Y
6	STD200 460-864088/8	200.0	161.87317	50.0	503446.0	0.809366	Y
7	STD500 460-864088/9	500.0	389.599996	50.0	538644.0	0.7792	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

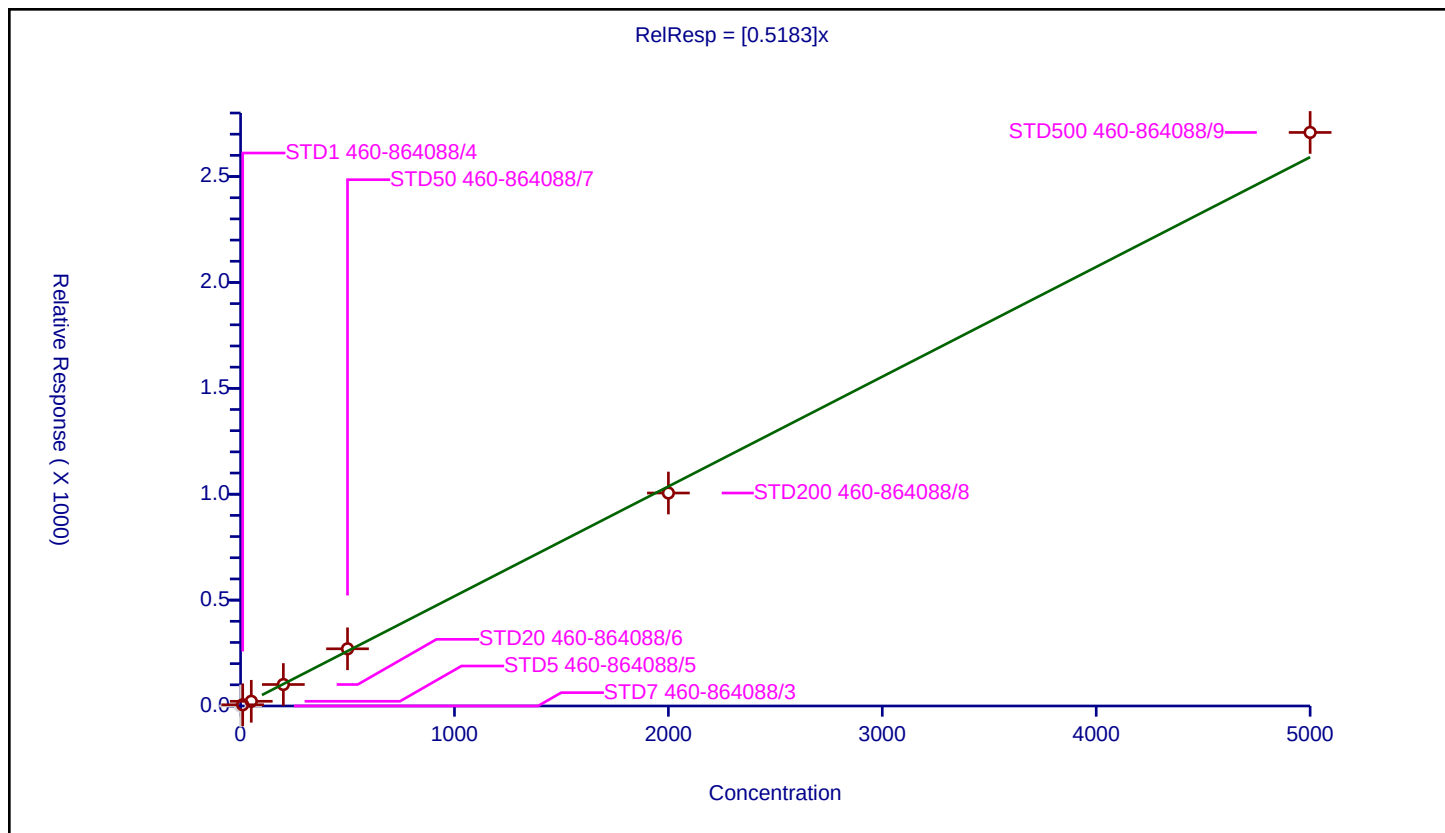
Curve Coefficients

Intercept: 0
 Slope: 0.5183

Error Coefficients

Standard Error: 305000
 Relative Standard Error: 8.5
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	10.0	5.727347	1000.0	193807.0	0.572735	Y
3	STD5 460-864088/5	50.0	22.268092	1000.0	196694.0	0.445362	Y
4	STD20 460-864088/6	200.0	101.446935	1000.0	198143.0	0.507235	Y
5	STD50 460-864088/7	500.0	270.028337	1000.0	213148.0	0.540057	Y
6	STD200 460-864088/8	2000.0	1005.695779	1000.0	221392.0	0.502848	Y
7	STD500 460-864088/9	5000.0	2708.227899	1000.0	238299.0	0.541646	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

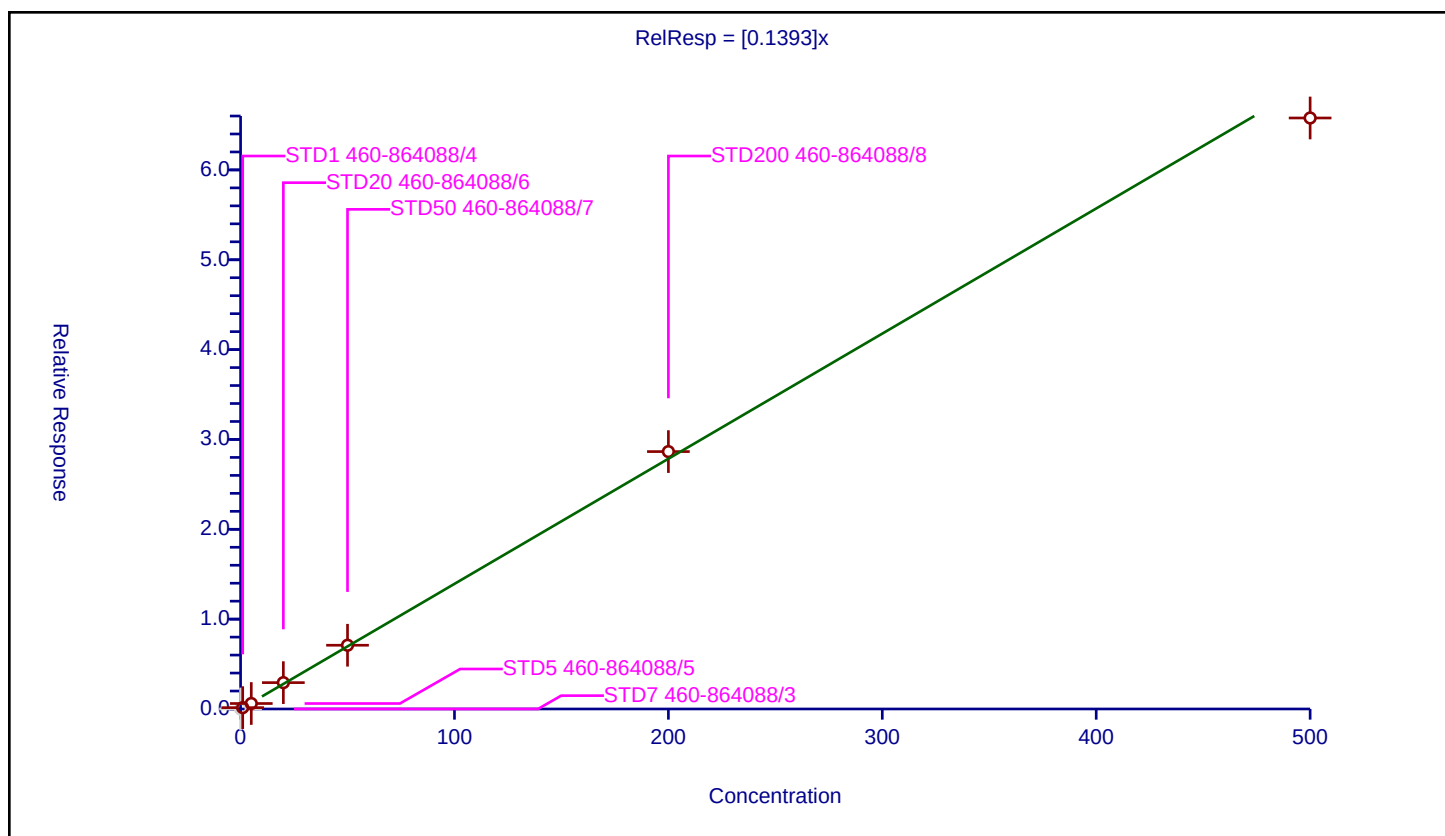
Curve Coefficients

Intercept: 0
Slope: 0.1393

Error Coefficients

Standard Error: 344000
Relative Standard Error: 7.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.15	50.0	468667.0	0.15	Y
3	STD5 460-864088/5	5.0	0.610937	50.0	467806.0	0.122187	Y
4	STD20 460-864088/6	20.0	2.933801	50.0	474521.0	0.14669	Y
5	STD50 460-864088/7	50.0	7.096162	50.0	481845.0	0.141923	Y
6	STD200 460-864088/8	200.0	28.648455	50.0	503446.0	0.143242	Y
7	STD500 460-864088/9	500.0	65.780924	50.0	538644.0	0.131562	Y



Calibration

/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

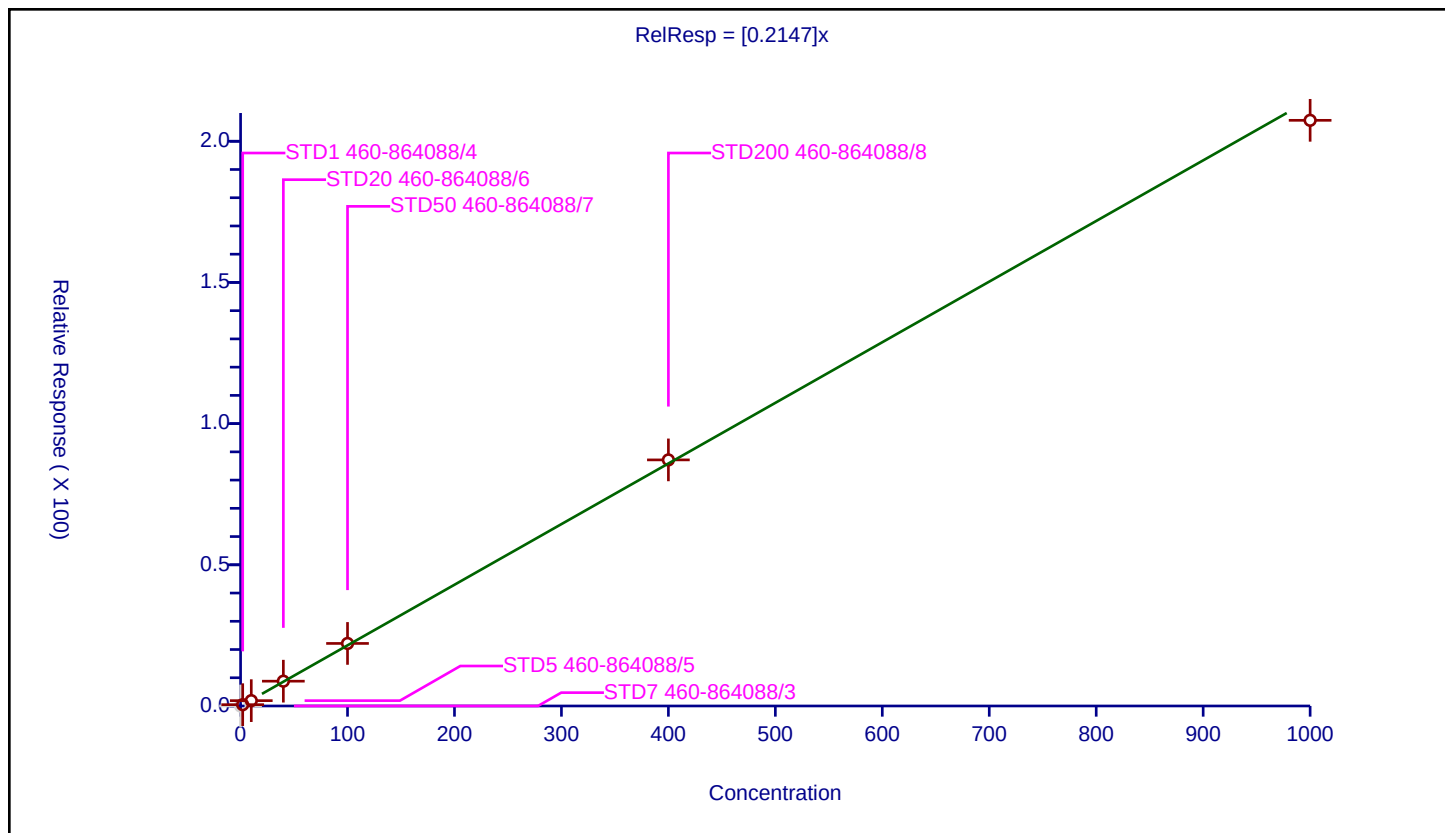
Curve Coefficients

Intercept: 0
 Slope: 0.2147

Error Coefficients

Standard Error: 1080000
 Relative Standard Error: 6.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	2.0	0.463975	50.0	468667.0	0.231988	Y
3	STD5 460-864088/5	10.0	1.898116	50.0	467806.0	0.189812	Y
4	STD20 460-864088/6	40.0	8.785807	50.0	474521.0	0.219645	Y
5	STD50 460-864088/7	100.0	22.14623	50.0	481845.0	0.221462	Y
6	STD200 460-864088/8	400.0	87.150459	50.0	503446.0	0.217876	Y
7	STD500 460-864088/9	1000.0	207.416772	50.0	538644.0	0.207417	Y



Calibration

/ Cyclopentene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

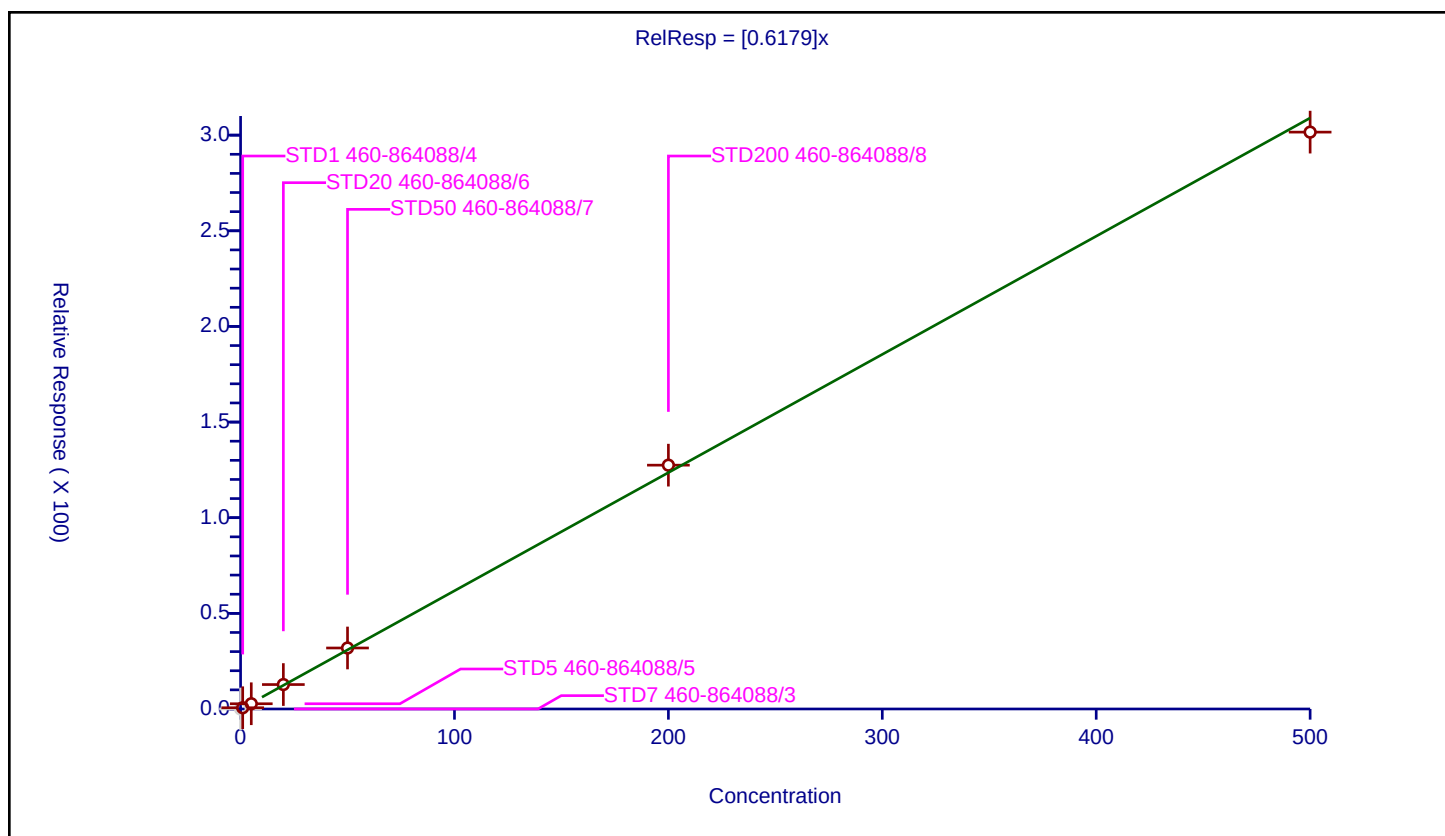
Curve Coefficients

Intercept: 0
 Slope: 0.6179

Error Coefficients

Standard Error: 1570000
 Relative Standard Error: 6.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.64182	50.0	468667.0	0.64182	Y
3	STD5 460-864088/5	5.0	2.742697	50.0	467806.0	0.548539	Y
4	STD20 460-864088/6	20.0	12.778254	50.0	474521.0	0.638913	Y
5	STD50 460-864088/7	50.0	31.888367	50.0	481845.0	0.637767	Y
6	STD200 460-864088/8	200.0	127.475141	50.0	503446.0	0.637376	Y
7	STD500 460-864088/9	500.0	301.578594	50.0	538644.0	0.603157	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

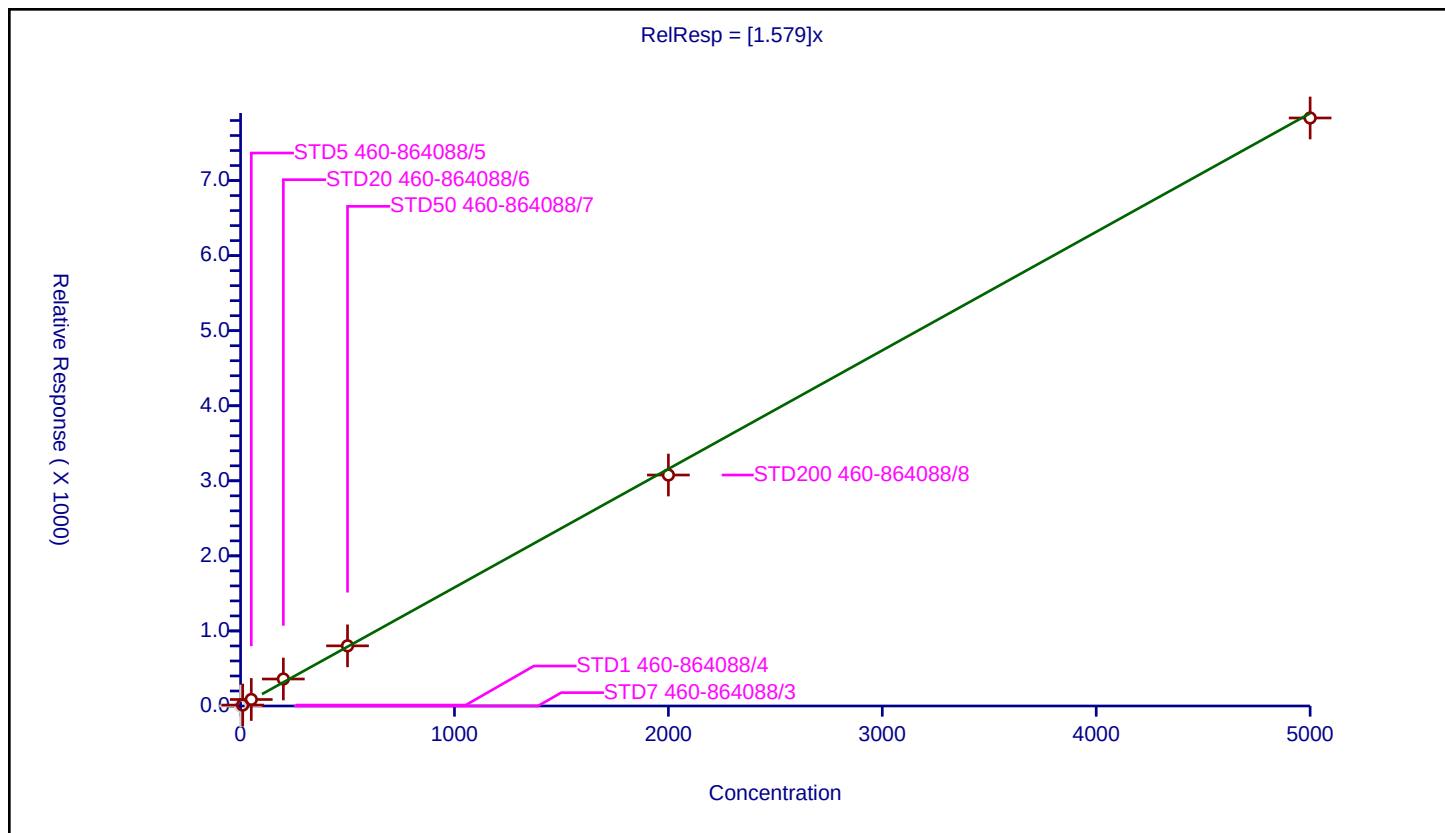
Curve Coefficients

Intercept: 0
 Slope: 1.579

Error Coefficients

Standard Error: 889000
 Relative Standard Error: 12.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	10.0	12.388613	1000.0	193807.0	1.238861	Y
3	STD5 460-864088/5	50.0	86.616775	1000.0	196694.0	1.732336	Y
4	STD20 460-864088/6	200.0	359.215314	1000.0	198143.0	1.796077	Y
5	STD50 460-864088/7	500.0	801.255466	1000.0	213148.0	1.602511	Y
6	STD200 460-864088/8	2000.0	3077.039821	1000.0	221392.0	1.53852	Y
7	STD500 460-864088/9	5000.0	7833.847393	1000.0	238299.0	1.566769	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

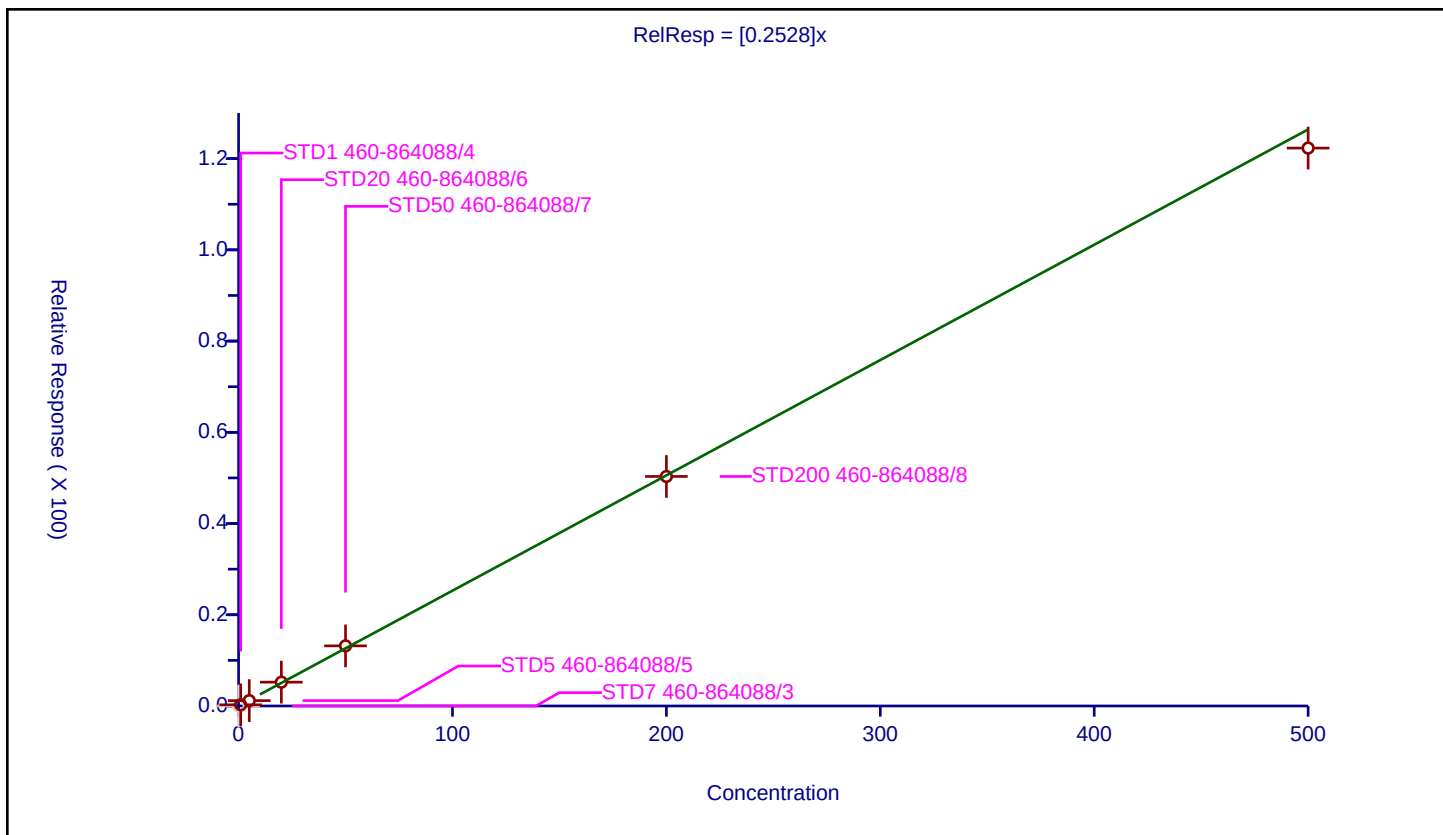
Curve Coefficients

Intercept: 0
 Slope: 0.2528

Error Coefficients

Standard Error: 634000
 Relative Standard Error: 4.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.259673	50.0	468667.0	0.259673	Y
3	STD5 460-864088/5	5.0	1.180404	50.0	467806.0	0.236081	Y
4	STD20 460-864088/6	20.0	5.222951	50.0	474521.0	0.261148	Y
5	STD50 460-864088/7	50.0	13.182247	50.0	481845.0	0.263645	Y
6	STD200 460-864088/8	200.0	50.323371	50.0	503446.0	0.251617	Y
7	STD500 460-864088/9	500.0	122.309726	50.0	538644.0	0.244619	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

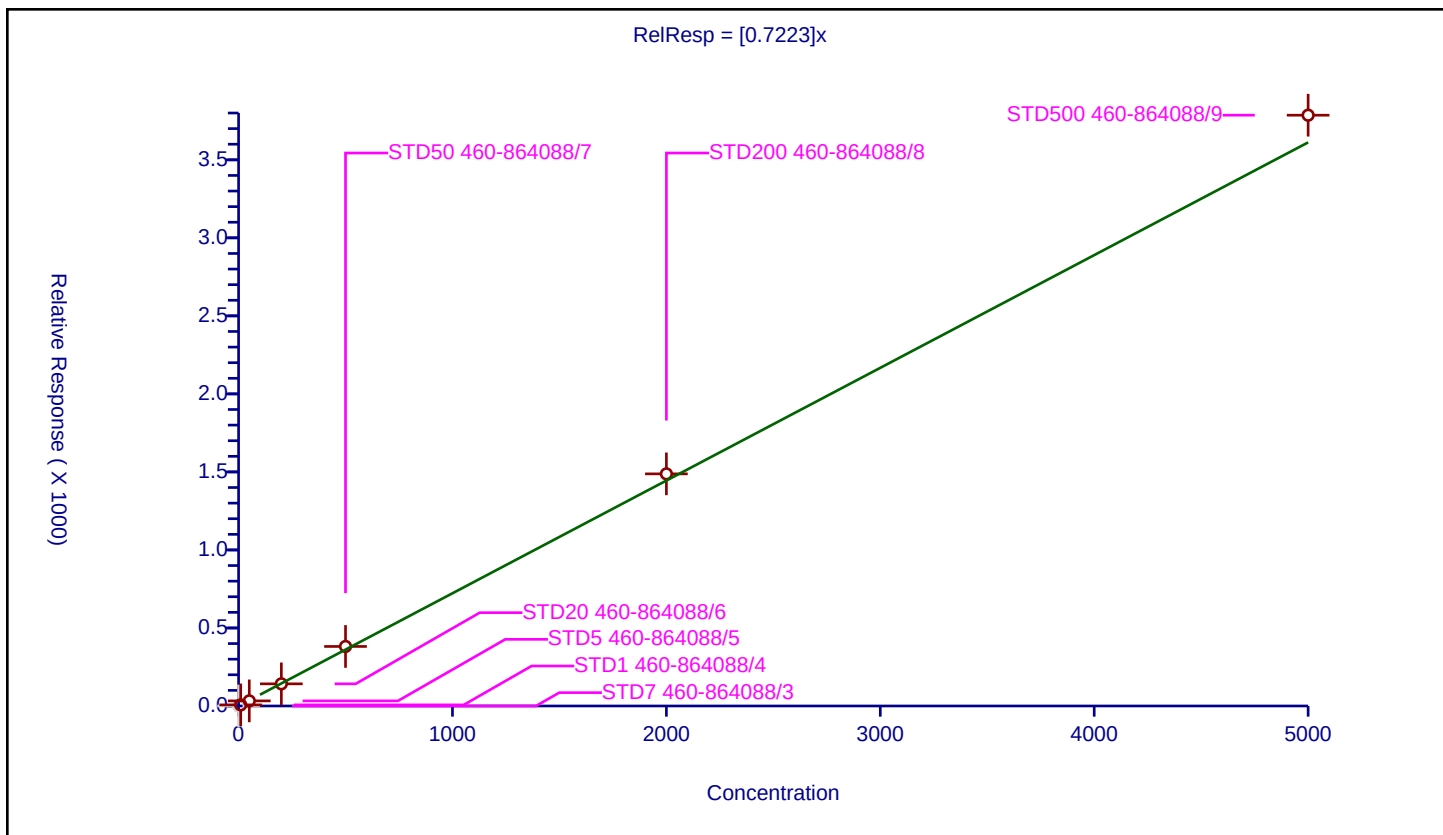
Curve Coefficients

Intercept: 0
 Slope: 0.7223

Error Coefficients

Standard Error: 430000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	10.0	7.058569	1000.0	193807.0	0.705857	Y
3	STD5 460-864088/5	50.0	32.710708	1000.0	196694.0	0.654214	Y
4	STD20 460-864088/6	200.0	141.973221	1000.0	198143.0	0.709866	Y
5	STD50 460-864088/7	500.0	381.56586	1000.0	213148.0	0.763132	Y
6	STD200 460-864088/8	2000.0	1487.510841	1000.0	221392.0	0.743755	Y
7	STD500 460-864088/9	5000.0	3786.067084	1000.0	238299.0	0.757213	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

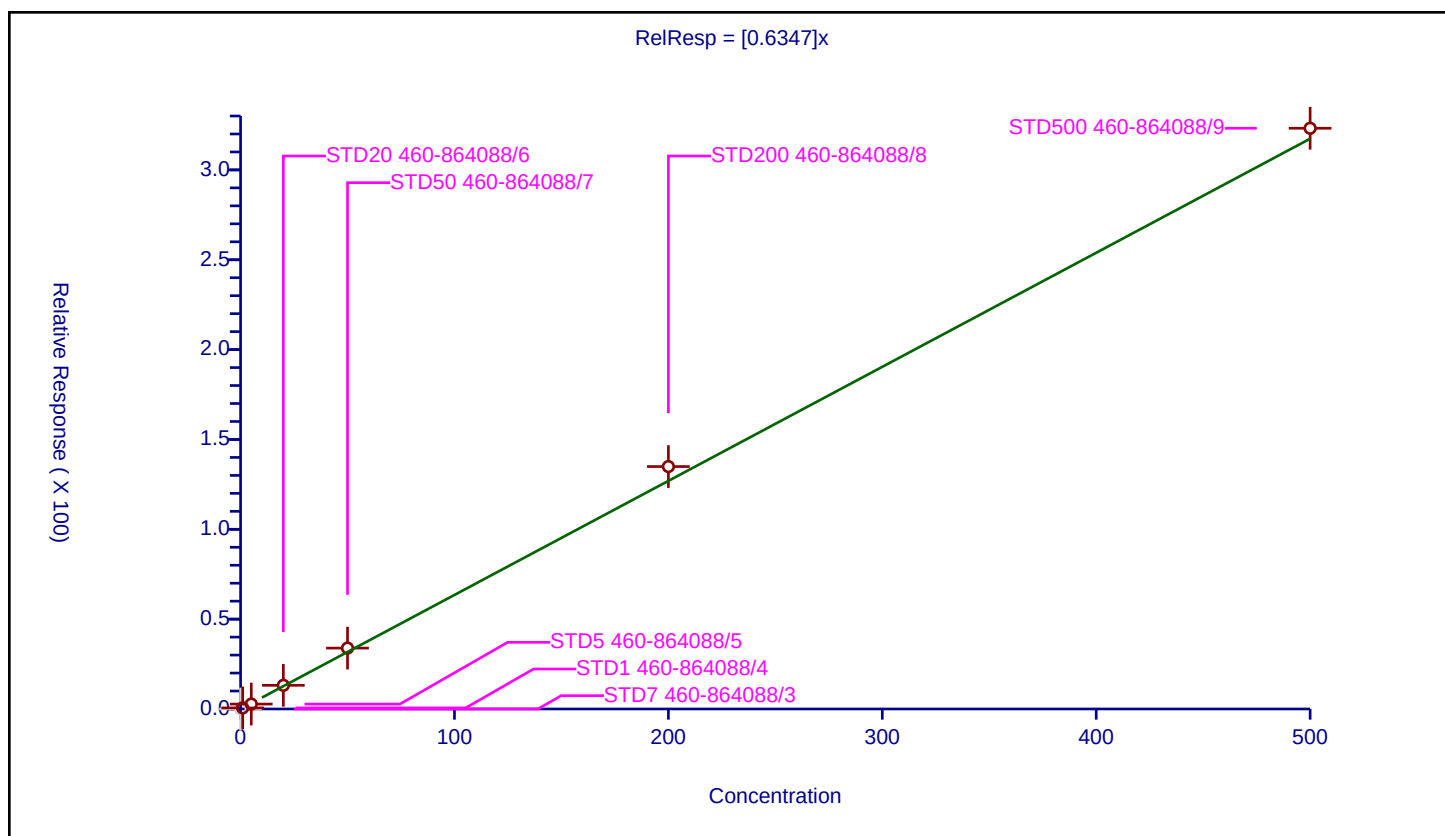
Curve Coefficients

Intercept: 0
 Slope: 0.6347

Error Coefficients

Standard Error: 1680000
 Relative Standard Error: 8.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.603307	50.0	468667.0	0.603307	Y
3	STD5 460-864088/5	5.0	2.737566	50.0	467806.0	0.547513	Y
4	STD20 460-864088/6	20.0	13.177499	50.0	474521.0	0.658875	Y
5	STD50 460-864088/7	50.0	33.884444	50.0	481845.0	0.677689	Y
6	STD200 460-864088/8	200.0	134.915959	50.0	503446.0	0.67458	Y
7	STD500 460-864088/9	500.0	323.1873	50.0	538644.0	0.646375	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

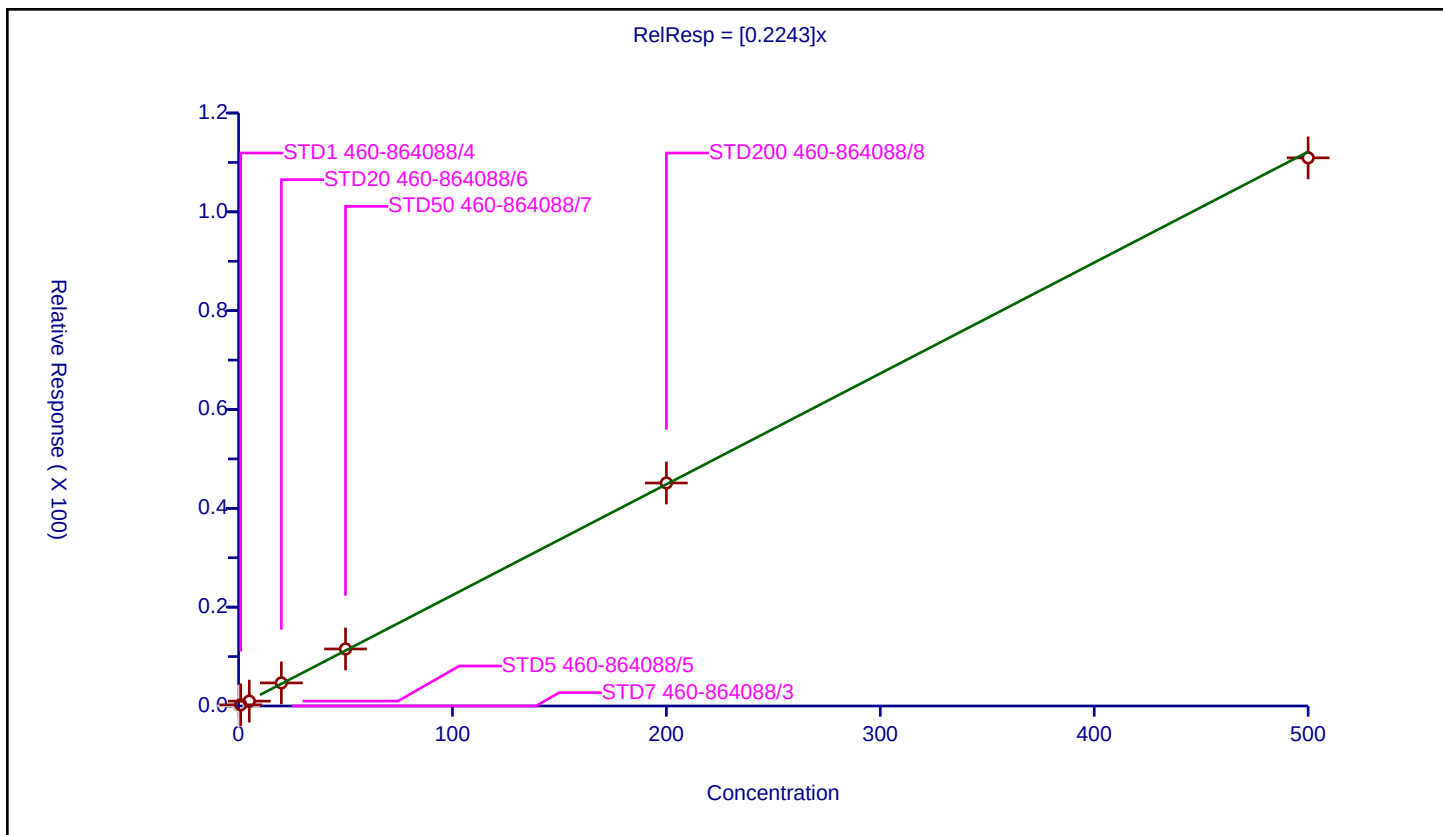
Curve Coefficients

Intercept: 0
 Slope: 0.2243

Error Coefficients

Standard Error: 574000
 Relative Standard Error: 6.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.237162	50.0	468667.0	0.237162	Y
3	STD5 460-864088/5	5.0	0.984062	50.0	467806.0	0.196812	Y
4	STD20 460-864088/6	20.0	4.67071	50.0	474521.0	0.233536	Y
5	STD50 460-864088/7	50.0	11.542508	50.0	481845.0	0.23085	Y
6	STD200 460-864088/8	200.0	45.126985	50.0	503446.0	0.225635	Y
7	STD500 460-864088/9	500.0	110.93106	50.0	538644.0	0.221862	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

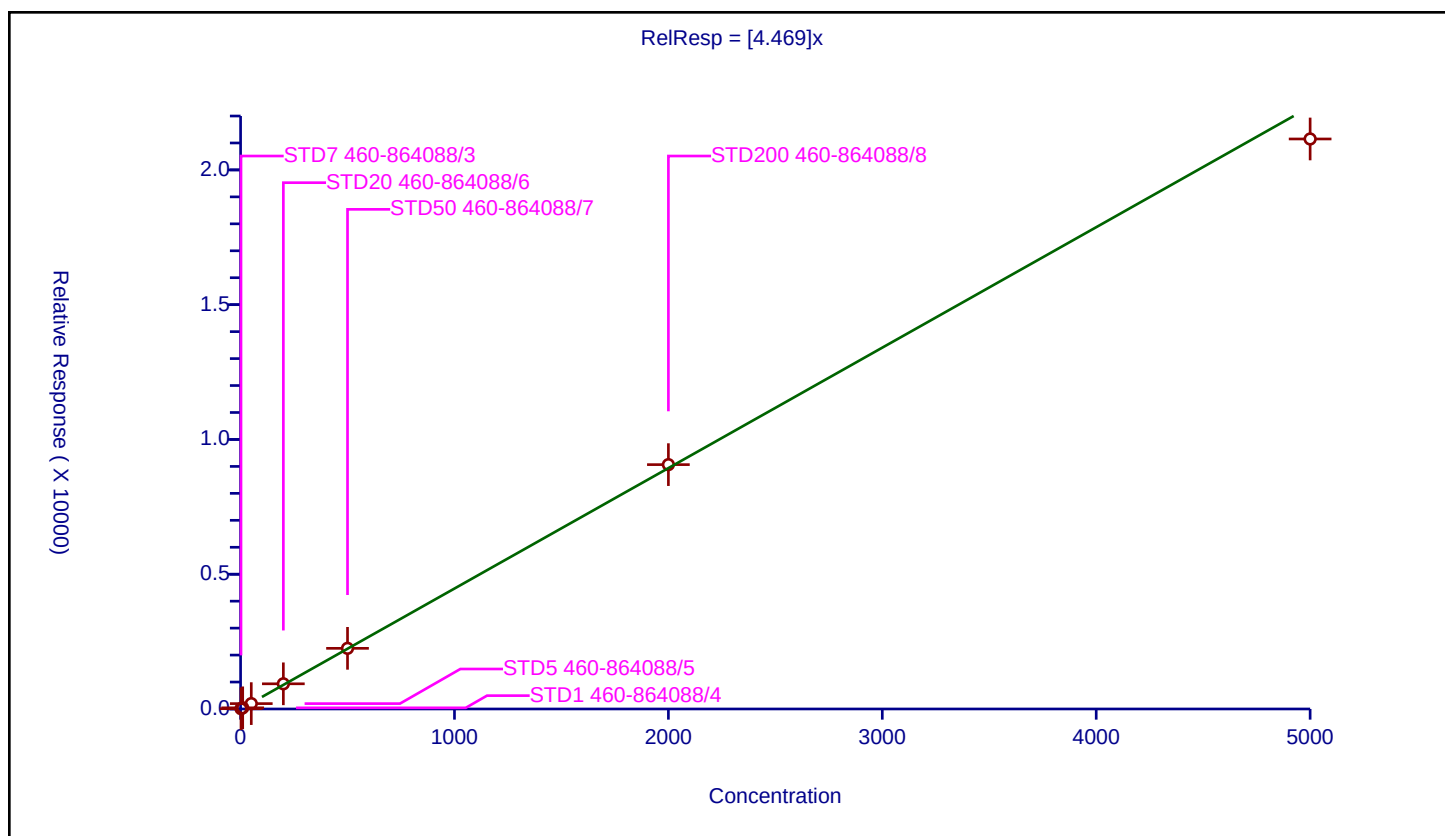
Curve Coefficients

Intercept: 0
Slope: 4.469

Error Coefficients

Standard Error: 2210000
Relative Standard Error: 8.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	2.0	10.204286	1000.0	199328.0	5.102143	Y
2	STD1 460-864088/4	10.0	42.547483	1000.0	193807.0	4.254748	Y
3	STD5 460-864088/5	50.0	199.299419	1000.0	196694.0	3.985988	Y
4	STD20 460-864088/6	200.0	934.895505	1000.0	198143.0	4.674478	Y
5	STD50 460-864088/7	500.0	2250.380018	1000.0	213148.0	4.50076	Y
6	STD200 460-864088/8	2000.0	9066.023163	1000.0	221392.0	4.533012	Y
7	STD500 460-864088/9	5000.0	21148.523494	1000.0	238299.0	4.229705	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

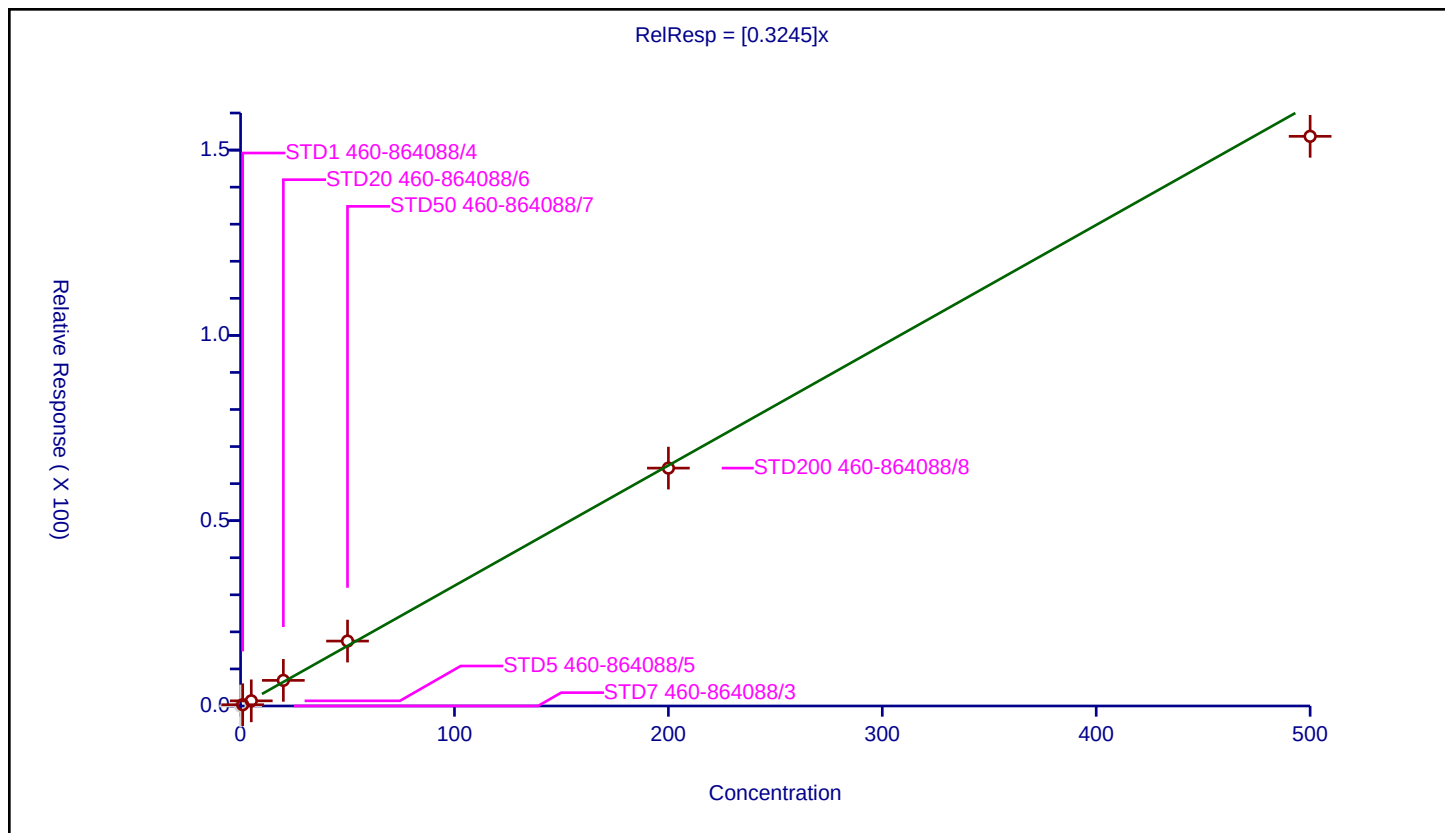
Curve Coefficients

Intercept: 0
 Slope: 0.3245

Error Coefficients

Standard Error: 799000
 Relative Standard Error: 8.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.343527	50.0	468667.0	0.343527	Y
3	STD5 460-864088/5	5.0	1.395664	50.0	467806.0	0.279133	Y
4	STD20 460-864088/6	20.0	6.910864	50.0	474521.0	0.345543	Y
5	STD50 460-864088/7	50.0	17.515072	50.0	481845.0	0.350301	Y
6	STD200 460-864088/8	200.0	64.186725	50.0	503446.0	0.320934	Y
7	STD500 460-864088/9	500.0	153.713956	50.0	538644.0	0.307428	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

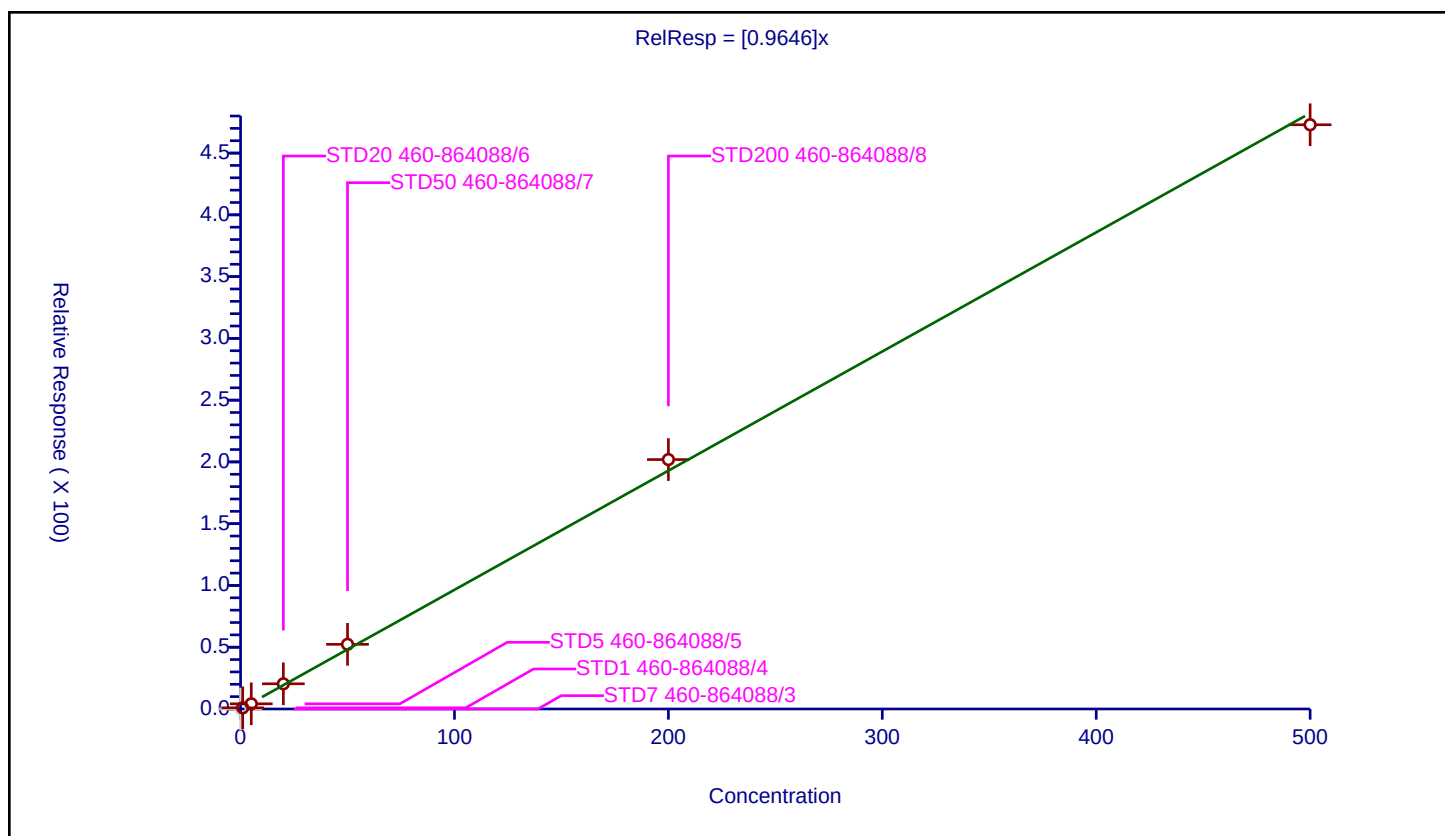
Curve Coefficients

Intercept: 0
 Slope: 0.9646

Error Coefficients

Standard Error: 2460000
 Relative Standard Error: 8.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.928164	50.0	468667.0	0.928164	Y
3	STD5 460-864088/5	5.0	4.188916	50.0	467806.0	0.837783	Y
4	STD20 460-864088/6	20.0	20.387823	50.0	474521.0	1.019391	Y
5	STD50 460-864088/7	50.0	52.333738	50.0	481845.0	1.046675	Y
6	STD200 460-864088/8	200.0	201.910135	50.0	503446.0	1.009551	Y
7	STD500 460-864088/9	500.0	472.928688	50.0	538644.0	0.945857	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

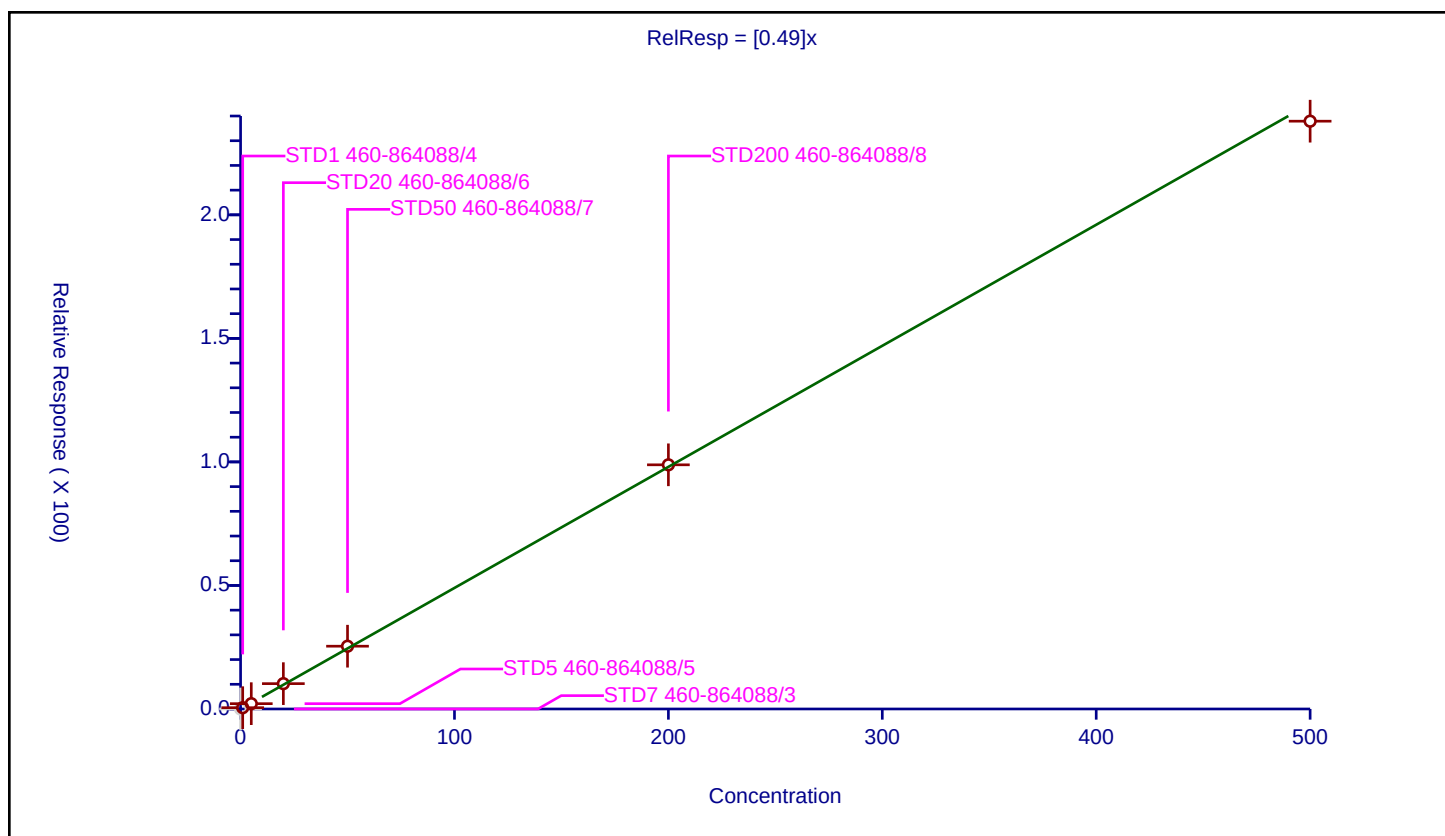
Curve Coefficients

Intercept: 0
 Slope: 0.49

Error Coefficients

Standard Error: 1240000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.518598	50.0	468667.0	0.518598	Y
3	STD5 460-864088/5	5.0	2.150998	50.0	467806.0	0.4302	Y
4	STD20 460-864088/6	20.0	10.258555	50.0	474521.0	0.512928	Y
5	STD50 460-864088/7	50.0	25.408274	50.0	481845.0	0.508165	Y
6	STD200 460-864088/8	200.0	98.830858	50.0	503446.0	0.494154	Y
7	STD500 460-864088/9	500.0	237.902492	50.0	538644.0	0.475805	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

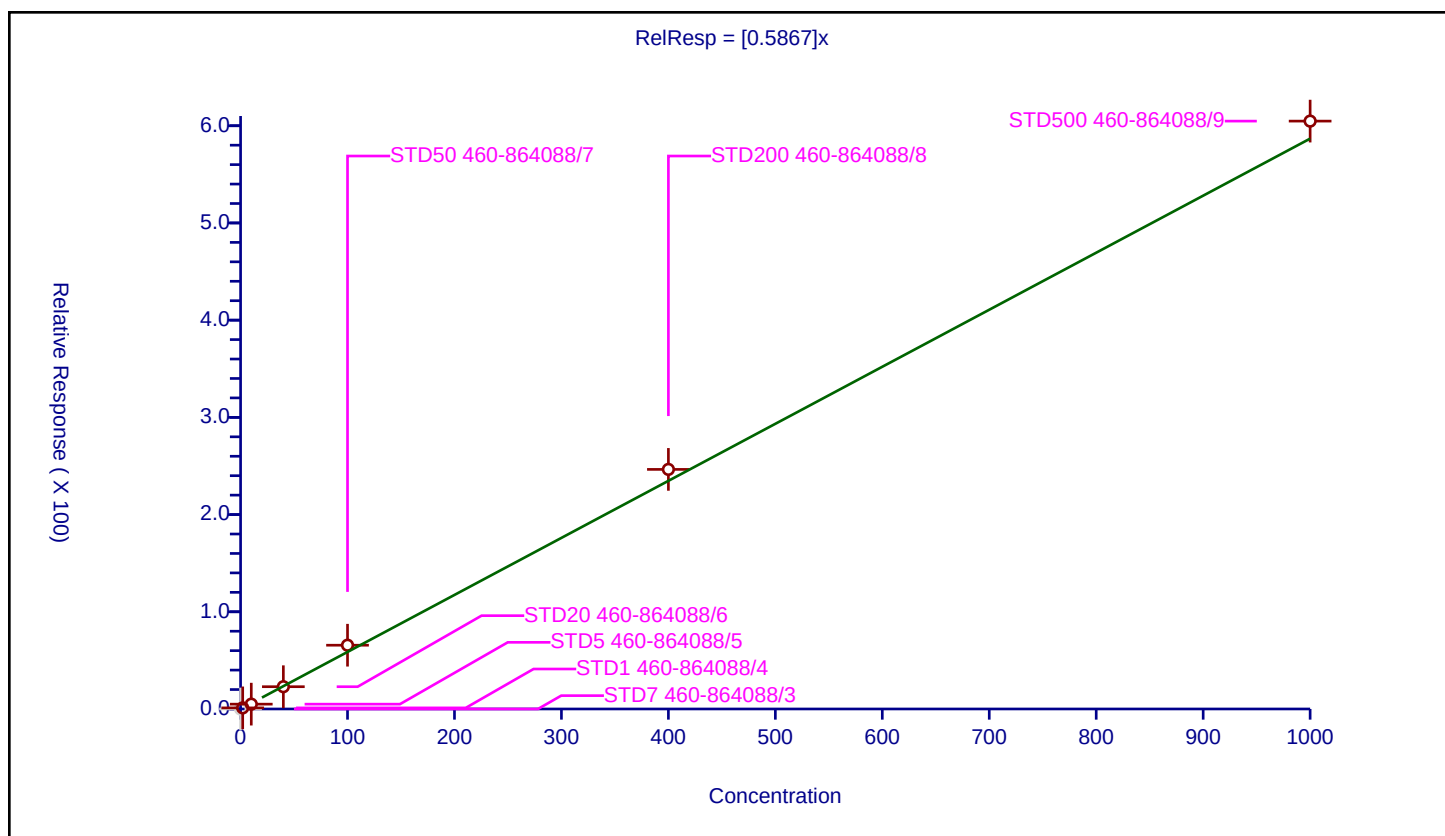
Curve Coefficients

Intercept: 0
 Slope: 0.5867

Error Coefficients

Standard Error: 3130000
 Relative Standard Error: 9.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	2.0	1.146763	50.0	468667.0	0.573382	Y
3	STD5 460-864088/5	10.0	4.971292	50.0	467806.0	0.497129	Y
4	STD20 460-864088/6	40.0	22.913949	50.0	474521.0	0.572849	Y
5	STD50 460-864088/7	100.0	65.606471	50.0	481845.0	0.656065	Y
6	STD200 460-864088/8	400.0	246.479563	50.0	503446.0	0.616199	Y
7	STD500 460-864088/9	1000.0	604.772911	50.0	538644.0	0.604773	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

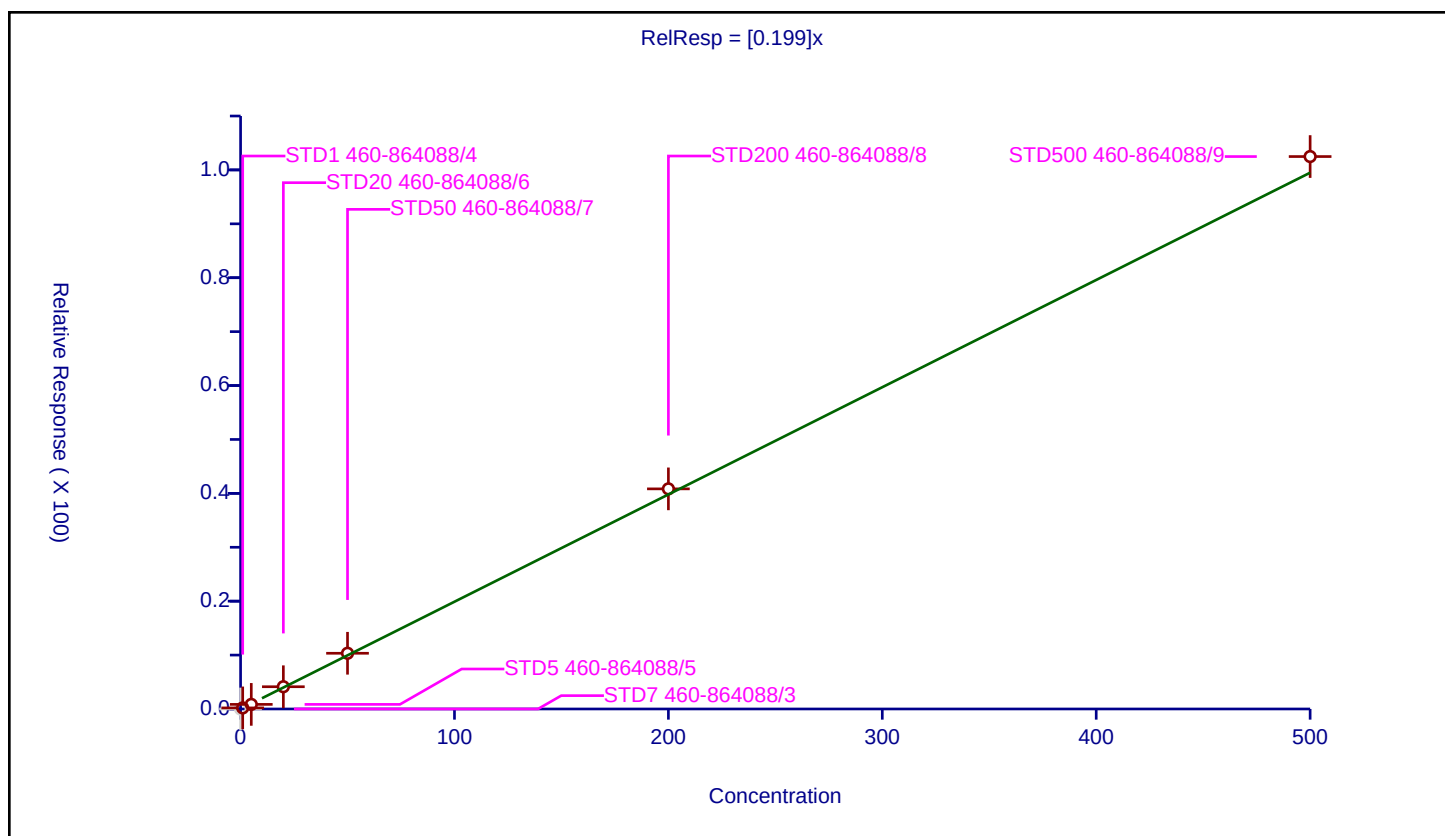
Curve Coefficients

Intercept: 0
Slope: 0.199

Error Coefficients

Standard Error: 529000
Relative Standard Error: 7.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.200782	50.0	468667.0	0.200782	Y
3	STD5 460-864088/5	5.0	0.853238	50.0	467806.0	0.170648	Y
4	STD20 460-864088/6	20.0	4.129954	50.0	474521.0	0.206498	Y
5	STD50 460-864088/7	50.0	10.338698	50.0	481845.0	0.206774	Y
6	STD200 460-864088/8	200.0	40.83139	50.0	503446.0	0.204157	Y
7	STD500 460-864088/9	500.0	102.480952	50.0	538644.0	0.204962	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

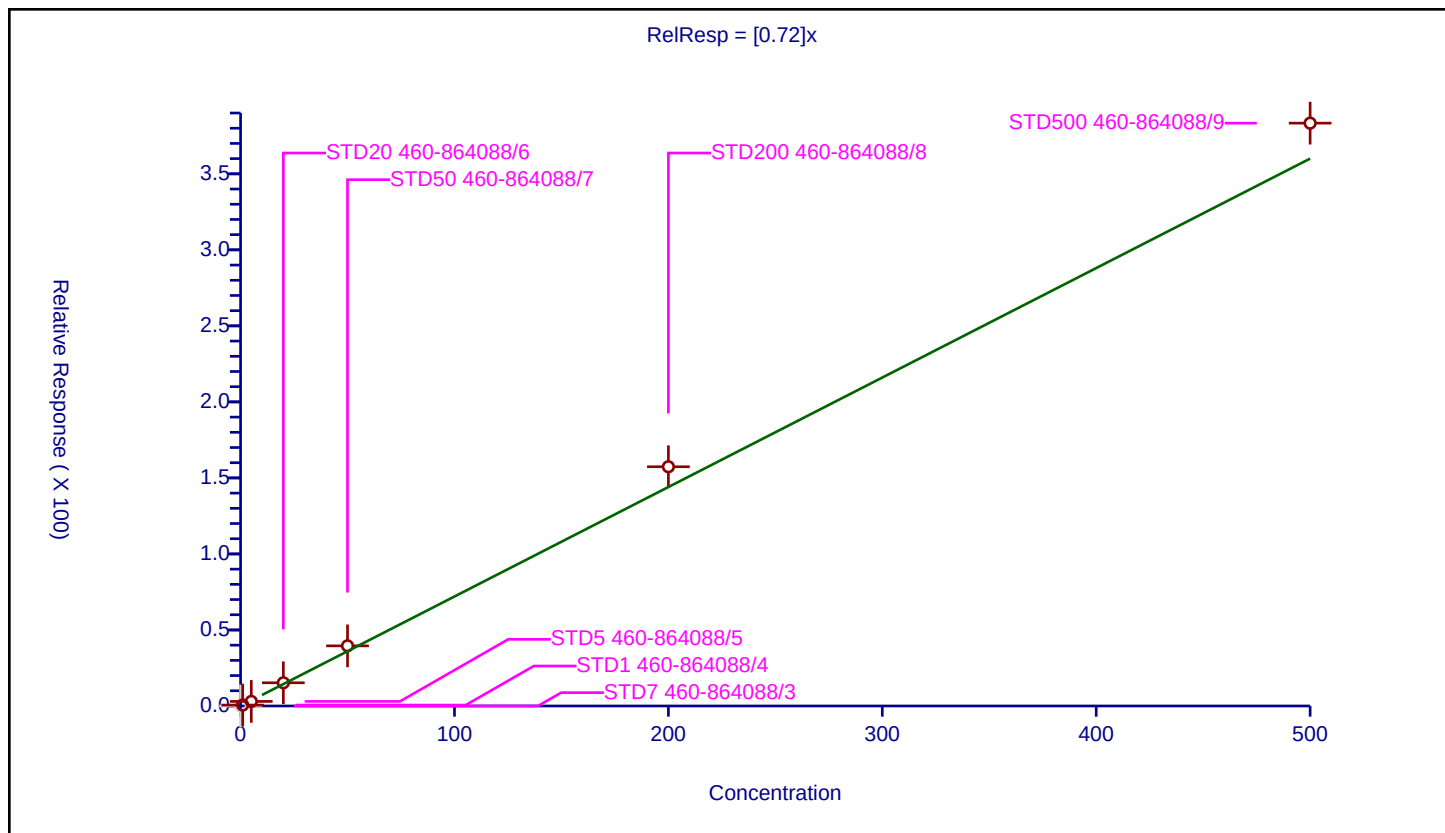
Curve Coefficients

Intercept: 0
 Slope: 0.72

Error Coefficients

Standard Error: 1990000
 Relative Standard Error: 12.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.611628	50.0	468667.0	0.611628	Y
3	STD5 460-864088/5	5.0	3.005306	50.0	467806.0	0.601061	Y
4	STD20 460-864088/6	20.0	15.261179	50.0	474521.0	0.763059	Y
5	STD50 460-864088/7	50.0	39.548921	50.0	481845.0	0.790978	Y
6	STD200 460-864088/8	200.0	157.354811	50.0	503446.0	0.786774	Y
7	STD500 460-864088/9	500.0	383.341131	50.0	538644.0	0.766682	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

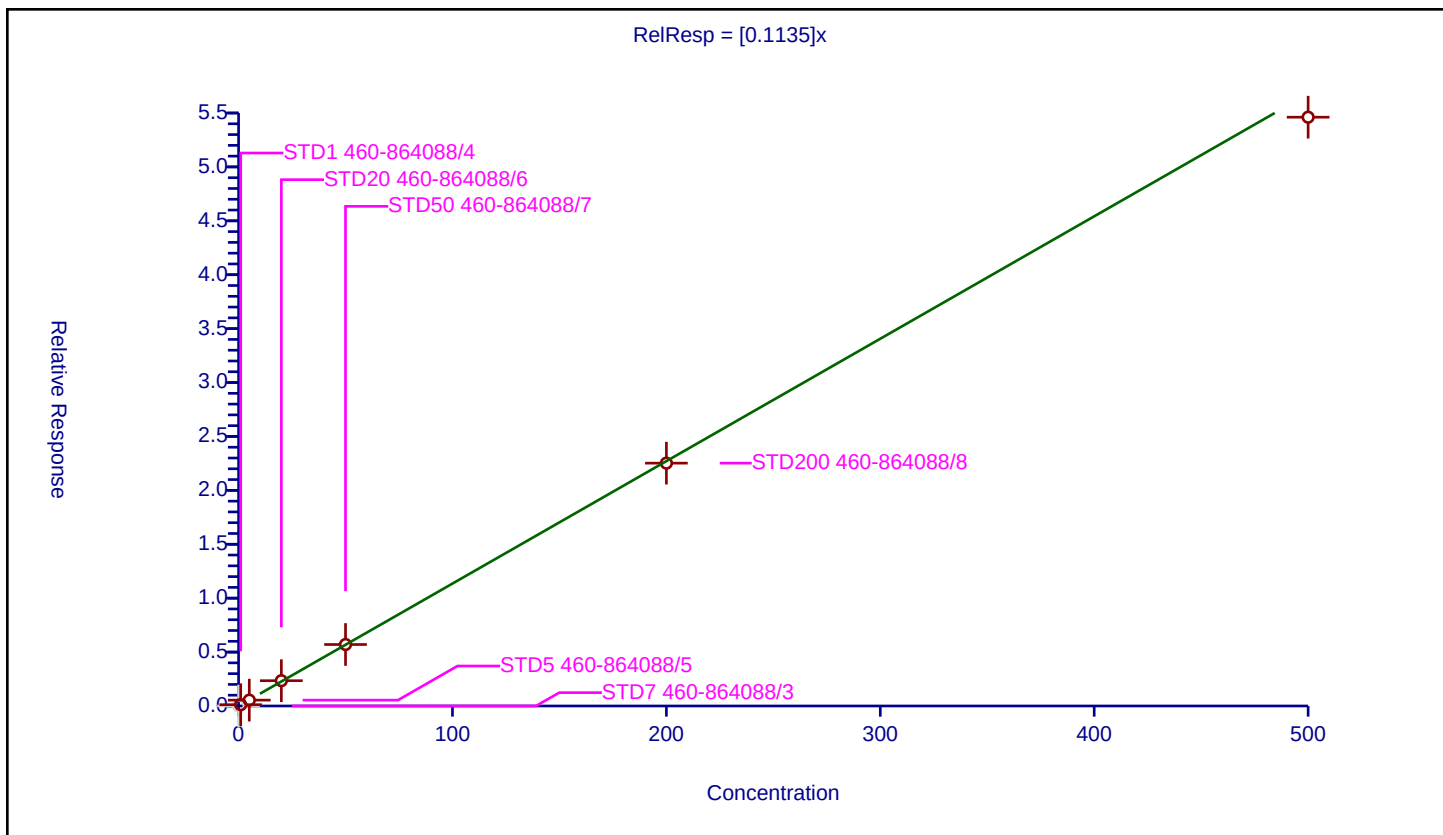
Curve Coefficients

Intercept: 0
 Slope: 0.1135

Error Coefficients

Standard Error: 283000
 Relative Standard Error: 3.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.119701	50.0	468667.0	0.119701	Y
3	STD5 460-864088/5	5.0	0.541678	50.0	467806.0	0.108336	Y
4	STD20 460-864088/6	20.0	2.346682	50.0	474521.0	0.117334	Y
5	STD50 460-864088/7	50.0	5.702145	50.0	481845.0	0.114043	Y
6	STD200 460-864088/8	200.0	22.523667	50.0	503446.0	0.112618	Y
7	STD500 460-864088/9	500.0	54.612137	50.0	538644.0	0.109224	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

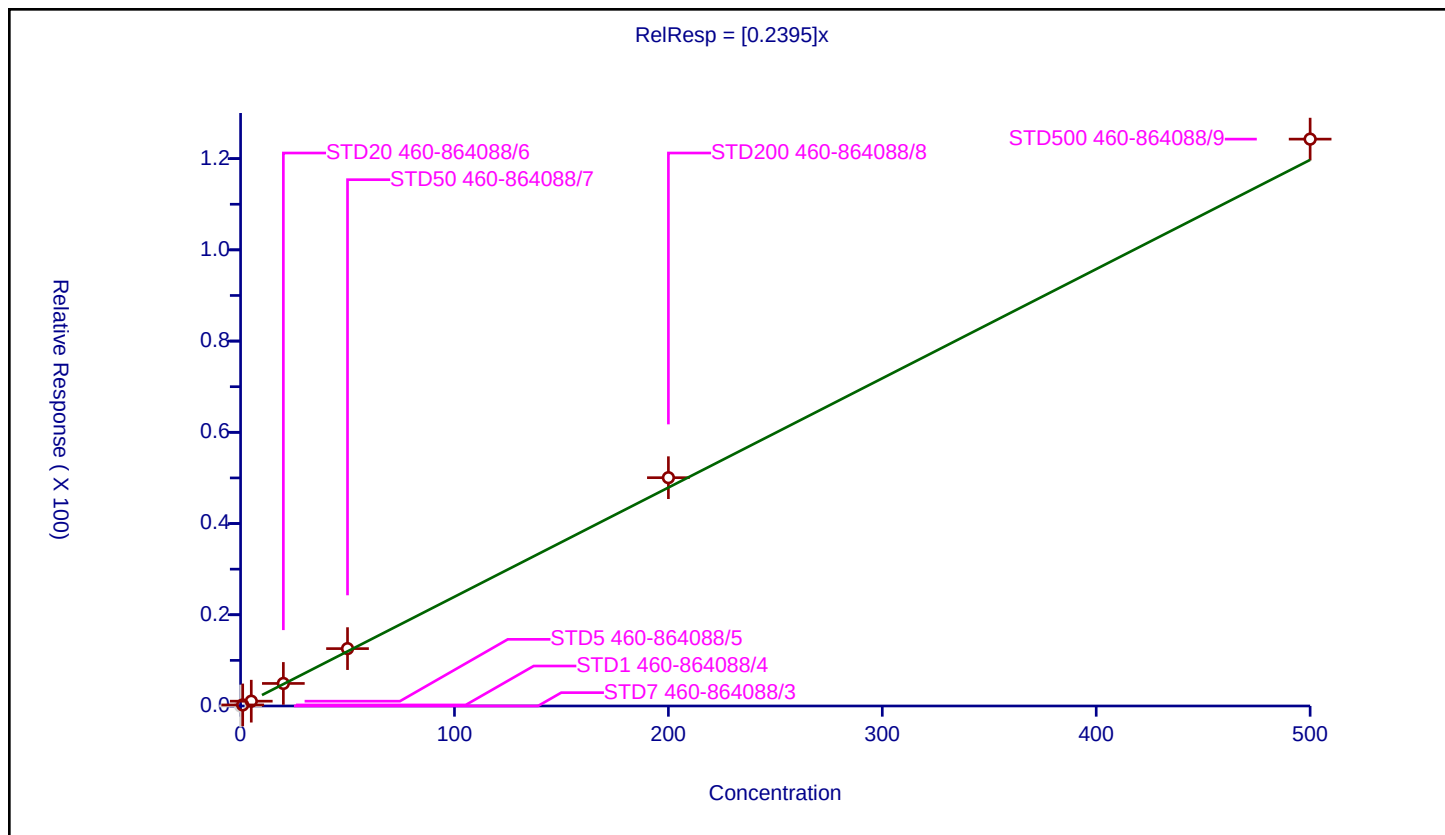
Curve Coefficients

Intercept: 0
Slope: 0.2395

Error Coefficients

Standard Error: 642000
Relative Standard Error: 6.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.228627	50.0	468667.0	0.228627	Y
3	STD5 460-864088/5	5.0	1.053535	50.0	467806.0	0.210707	Y
4	STD20 460-864088/6	20.0	4.941615	50.0	474521.0	0.247081	Y
5	STD50 460-864088/7	50.0	12.575621	50.0	481845.0	0.251512	Y
6	STD200 460-864088/8	200.0	50.050055	50.0	503446.0	0.25025	Y
7	STD500 460-864088/9	500.0	124.27893	50.0	538644.0	0.248558	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

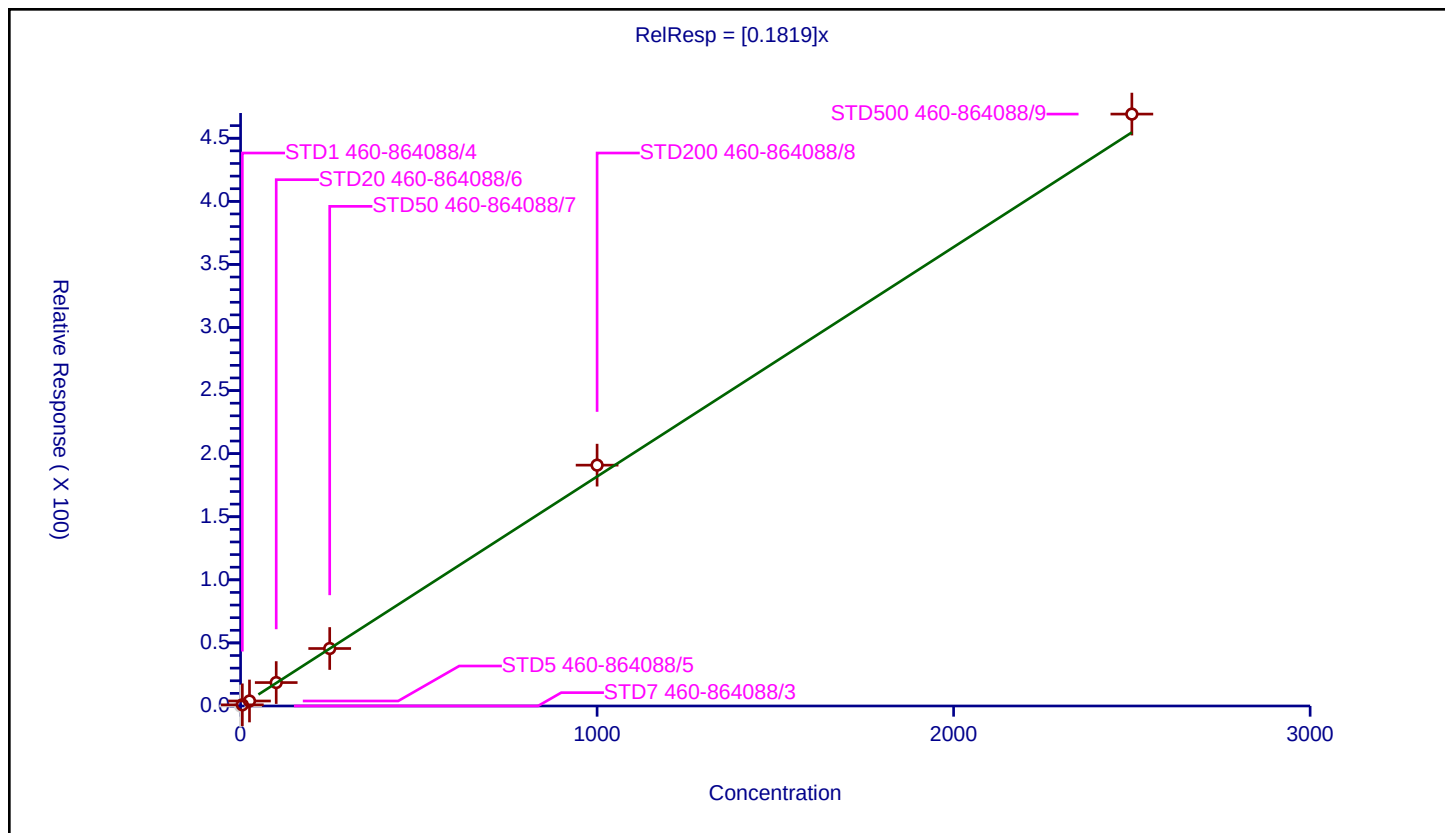
Curve Coefficients

Intercept: 0
 Slope: 0.1819

Error Coefficients

Standard Error: 323000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	5.0	0.9297	250.0	299559.0	0.18594	Y
3	STD5 460-864088/5	25.0	3.968137	250.0	304047.0	0.158725	Y
4	STD20 460-864088/6	100.0	18.569684	250.0	304569.0	0.185697	Y
5	STD50 460-864088/7	250.0	45.55938	250.0	318683.0	0.182238	Y
6	STD200 460-864088/8	1000.0	190.891083	250.0	335199.0	0.190891	Y
7	STD500 460-864088/9	2500.0	469.16424	250.0	358488.0	0.187666	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

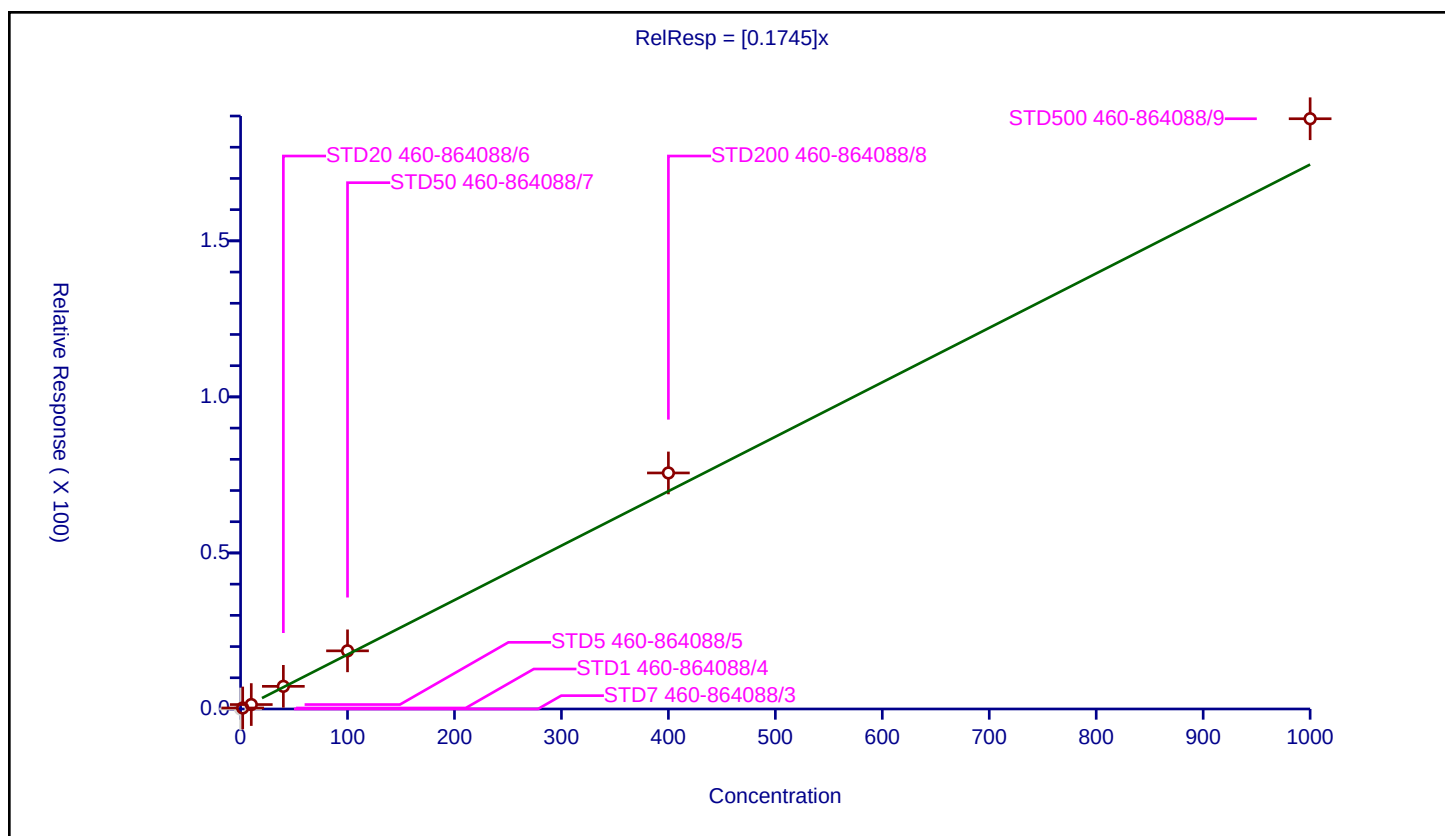
Curve Coefficients

Intercept: 0
Slope: 0.1745

Error Coefficients

Standard Error: 130000
Relative Standard Error: 11.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	2.0	0.316298	250.0	299559.0	0.158149	Y
3	STD5 460-864088/5	10.0	1.426589	250.0	304047.0	0.142659	Y
4	STD20 460-864088/6	40.0	7.255335	250.0	304569.0	0.181383	Y
5	STD50 460-864088/7	100.0	18.63529	250.0	318683.0	0.186353	Y
6	STD200 460-864088/8	400.0	75.629701	250.0	335199.0	0.189074	Y
7	STD500 460-864088/9	1000.0	189.12767	250.0	358488.0	0.189128	Y



Calibration

/ Methyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

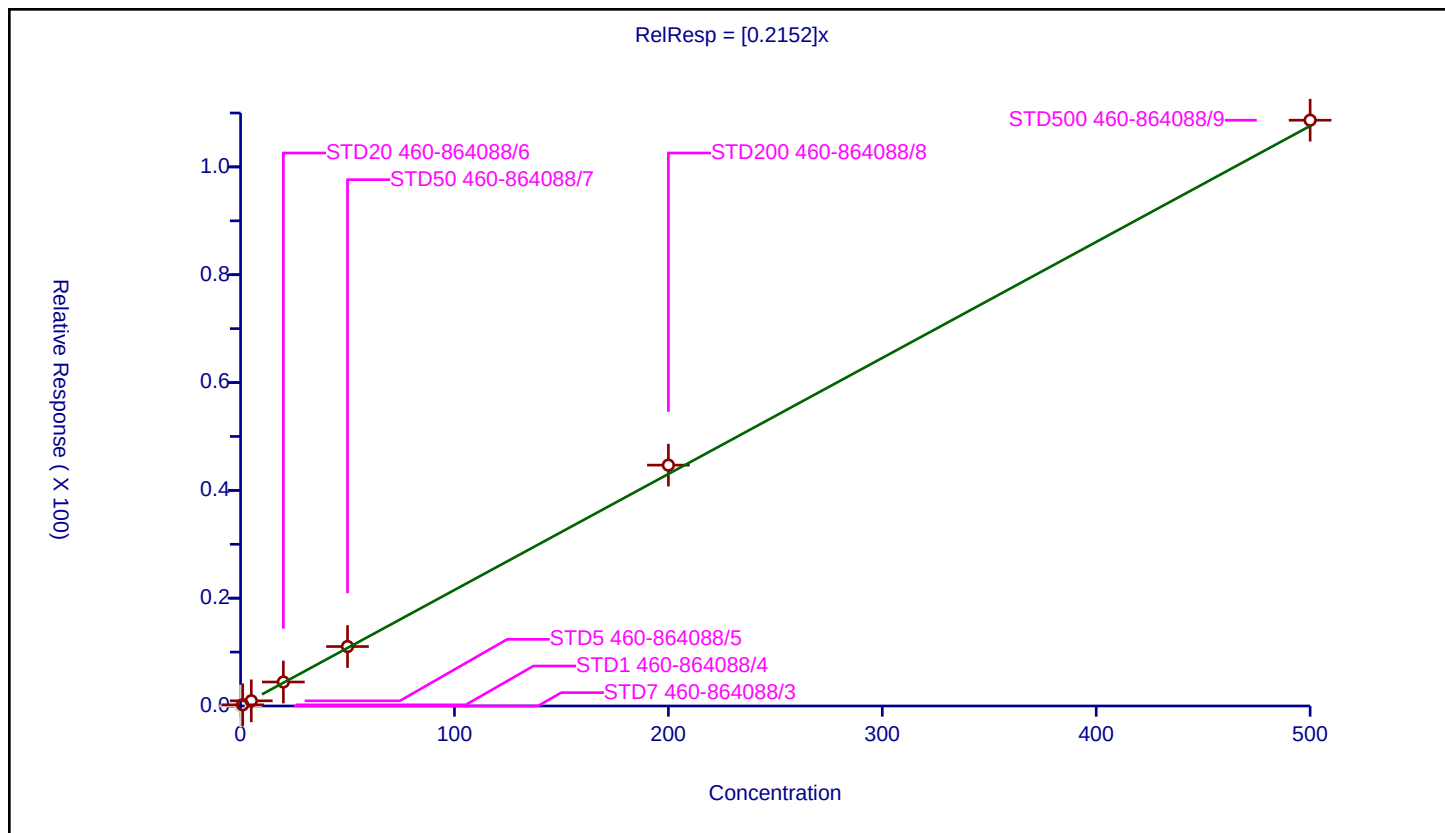
Curve Coefficients

Intercept: 0
Slope: 0.2152

Error Coefficients

Standard Error: 563000
Relative Standard Error: 5.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.214865	50.0	468667.0	0.214865	Y
3	STD5 460-864088/5	5.0	0.96322	50.0	467806.0	0.192644	Y
4	STD20 460-864088/6	20.0	4.448275	50.0	474521.0	0.222414	Y
5	STD50 460-864088/7	50.0	11.029169	50.0	481845.0	0.220583	Y
6	STD200 460-864088/8	200.0	44.680065	50.0	503446.0	0.2234	Y
7	STD500 460-864088/9	500.0	108.664071	50.0	538644.0	0.217328	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

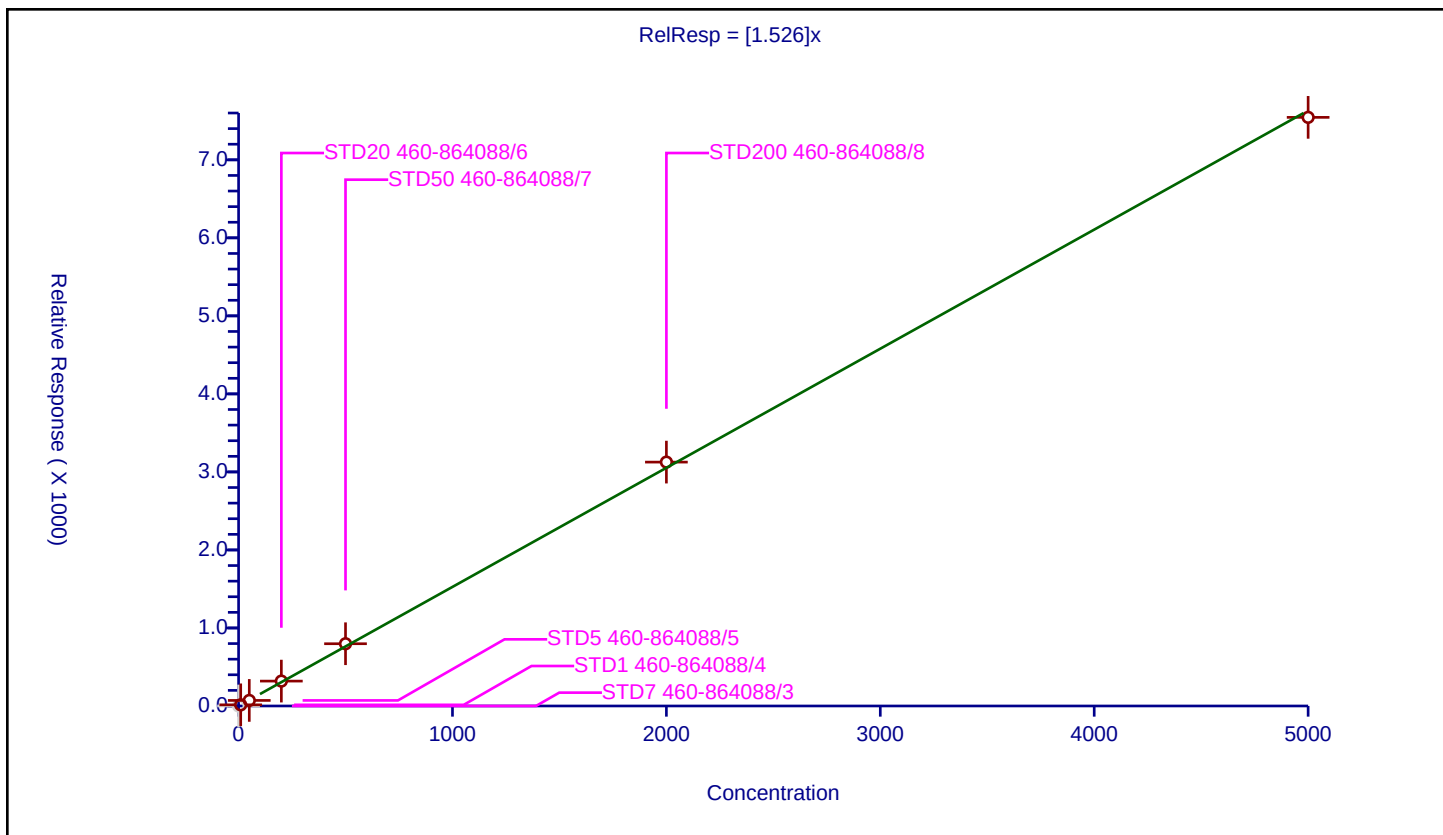
Curve Coefficients

Intercept: 0
Slope: 1.526

Error Coefficients

Standard Error: 862000
Relative Standard Error: 4.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	10.0	14.73115	1000.0	193807.0	1.473115	Y
3	STD5 460-864088/5	50.0	71.105372	1000.0	196694.0	1.422107	Y
4	STD20 460-864088/6	200.0	319.168479	1000.0	198143.0	1.595842	Y
5	STD50 460-864088/7	500.0	797.727401	1000.0	213148.0	1.595455	Y
6	STD200 460-864088/8	2000.0	3125.826588	1000.0	221392.0	1.562913	Y
7	STD500 460-864088/9	5000.0	7544.353942	1000.0	238299.0	1.508871	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

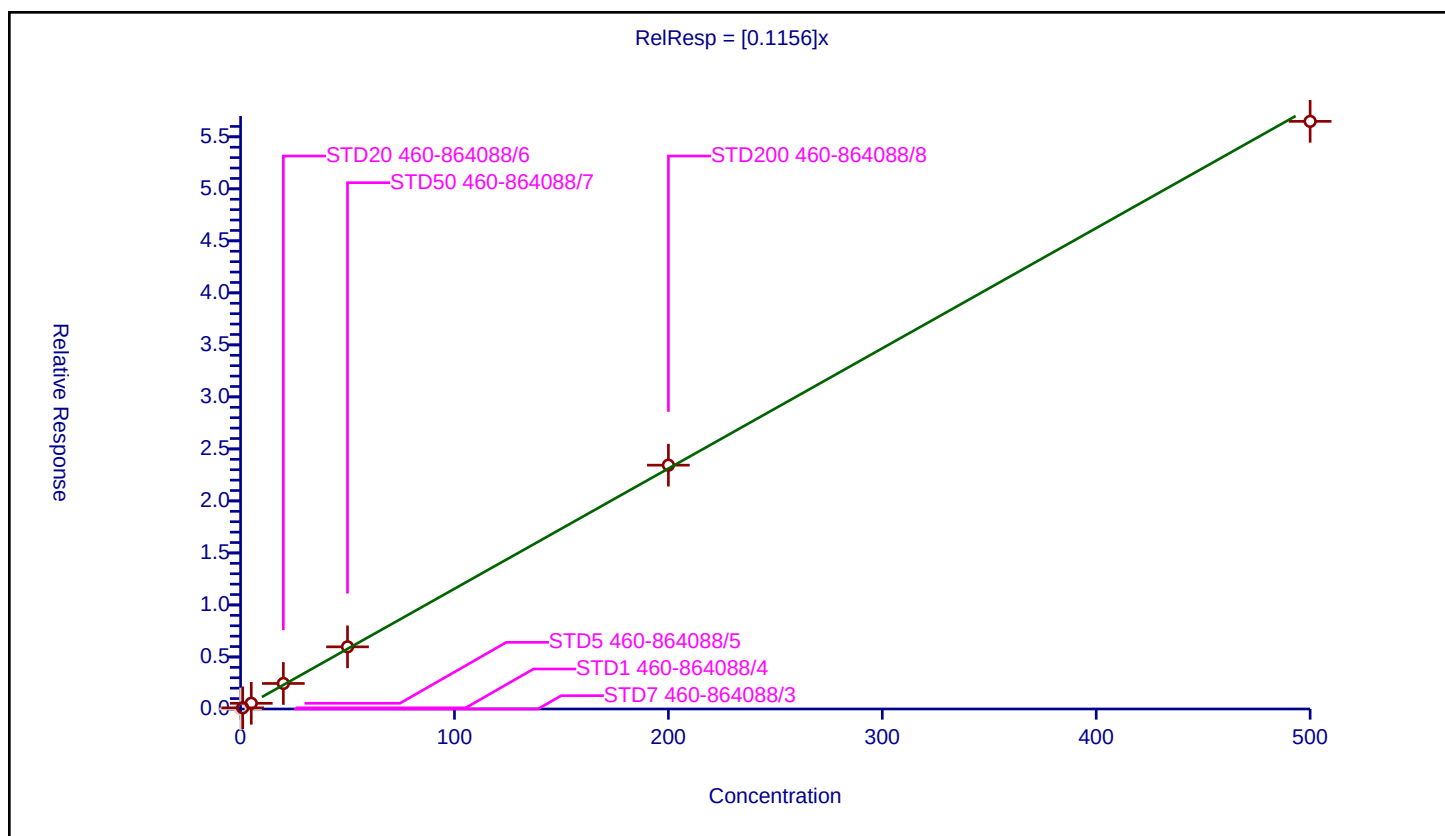
Curve Coefficients

Intercept: 0
 Slope: 0.1156

Error Coefficients

Standard Error: 293000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.111806	50.0	468667.0	0.111806	Y
3	STD5 460-864088/5	5.0	0.54606	50.0	467806.0	0.109212	Y
4	STD20 460-864088/6	20.0	2.45437	50.0	474521.0	0.122718	Y
5	STD50 460-864088/7	50.0	5.974847	50.0	481845.0	0.119497	Y
6	STD200 460-864088/8	200.0	23.438363	50.0	503446.0	0.117192	Y
7	STD500 460-864088/9	500.0	56.488051	50.0	538644.0	0.112976	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

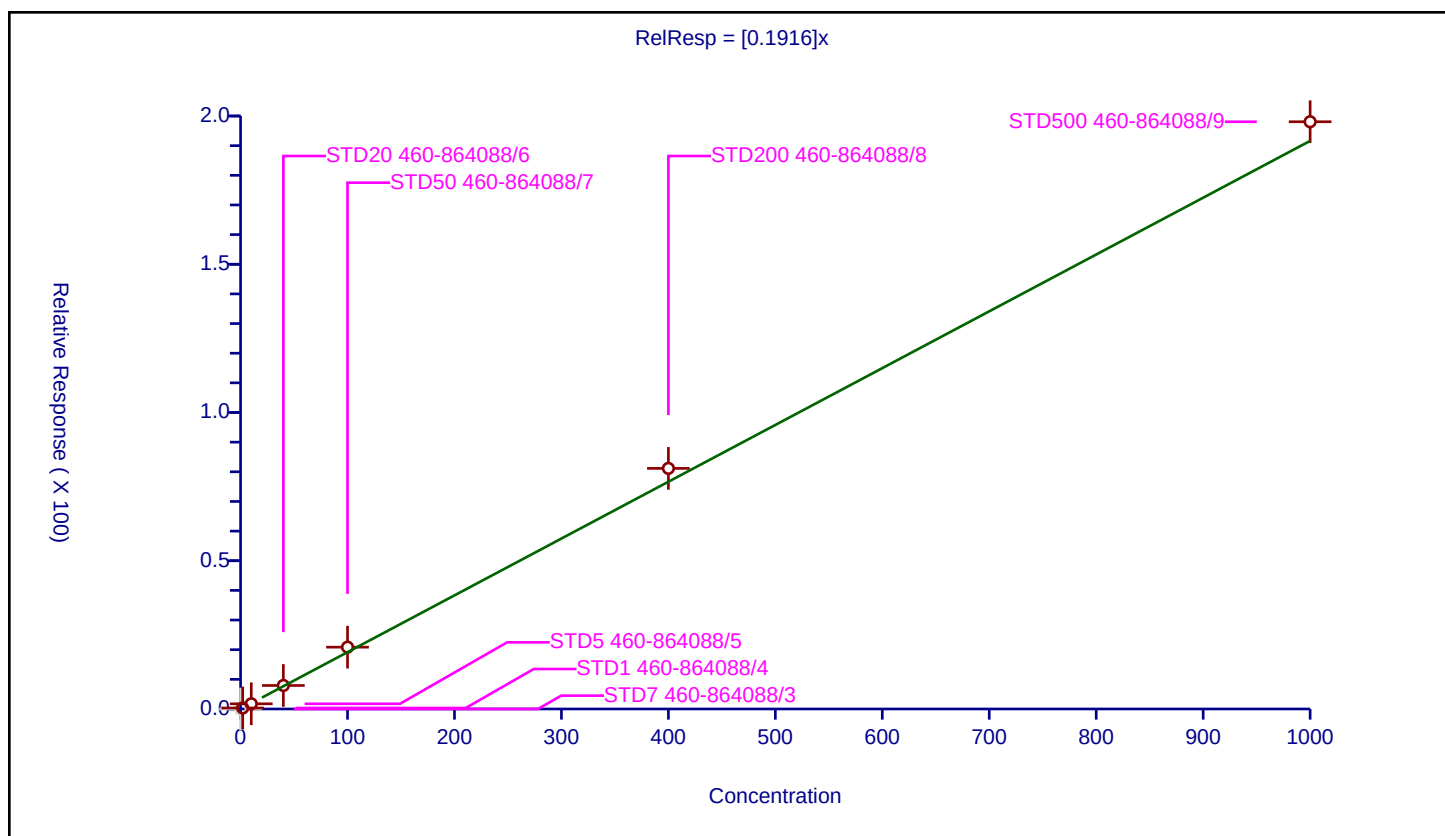
Curve Coefficients

Intercept: 0
 Slope: 0.1916

Error Coefficients

Standard Error: 137000
 Relative Standard Error: 8.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	2.0	0.332989	250.0	299559.0	0.166495	Y
3	STD5 460-864088/5	10.0	1.753841	250.0	304047.0	0.175384	Y
4	STD20 460-864088/6	40.0	7.930059	250.0	304569.0	0.198251	Y
5	STD50 460-864088/7	100.0	20.856933	250.0	318683.0	0.208569	Y
6	STD200 460-864088/8	400.0	81.150302	250.0	335199.0	0.202876	Y
7	STD500 460-864088/9	1000.0	198.065207	250.0	358488.0	0.198065	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

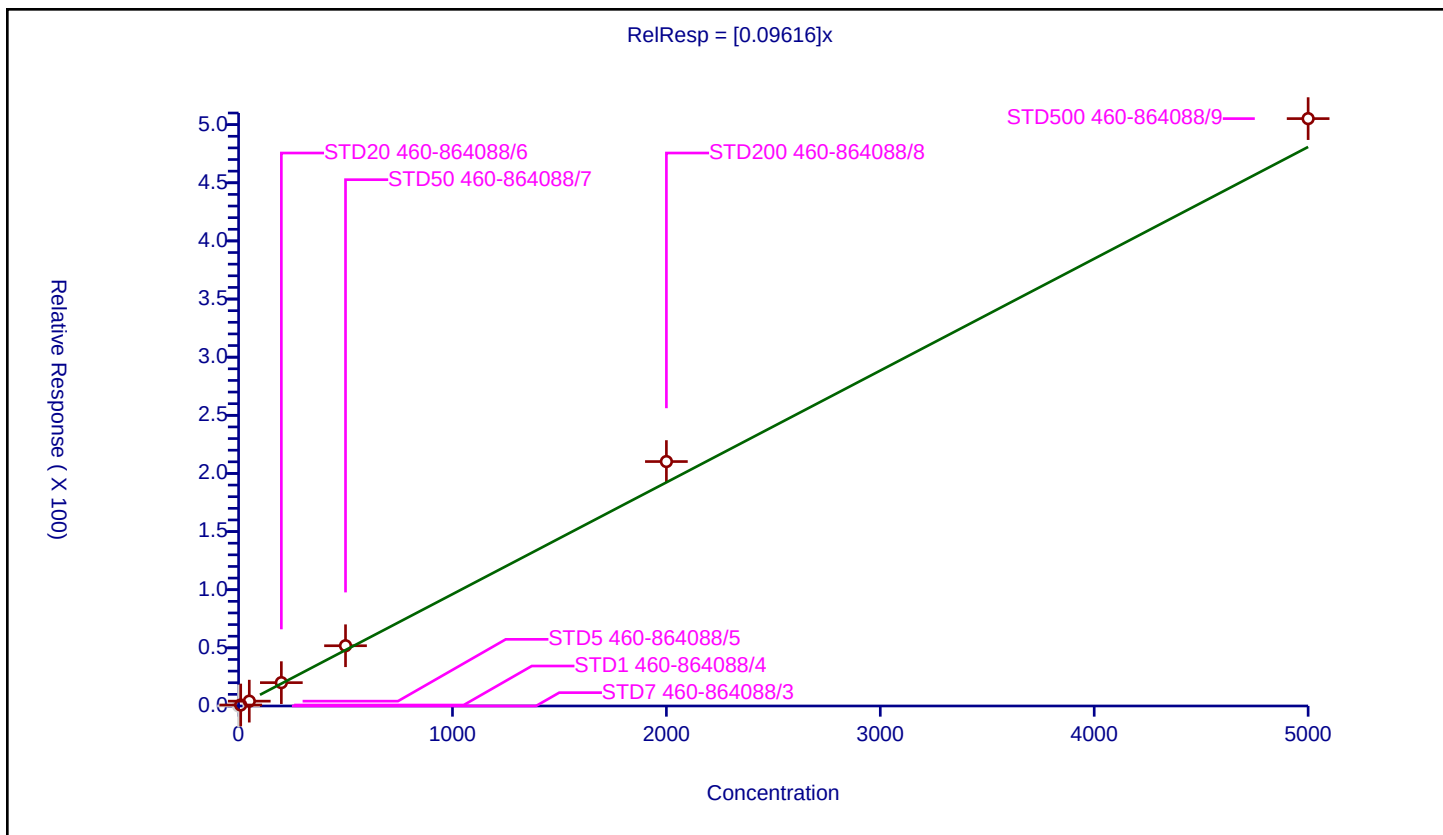
Curve Coefficients

Intercept: 0
 Slope: 0.09616

Error Coefficients

Standard Error: 2620000
 Relative Standard Error: 10.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	10.0	0.837588	50.0	468667.0	0.083759	Y
3	STD5 460-864088/5	50.0	4.152897	50.0	467806.0	0.083058	Y
4	STD20 460-864088/6	200.0	20.076245	50.0	474521.0	0.100381	Y
5	STD50 460-864088/7	500.0	51.811786	50.0	481845.0	0.103624	Y
6	STD200 460-864088/8	2000.0	210.246779	50.0	503446.0	0.105123	Y
7	STD500 460-864088/9	5000.0	505.173454	50.0	538644.0	0.101035	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

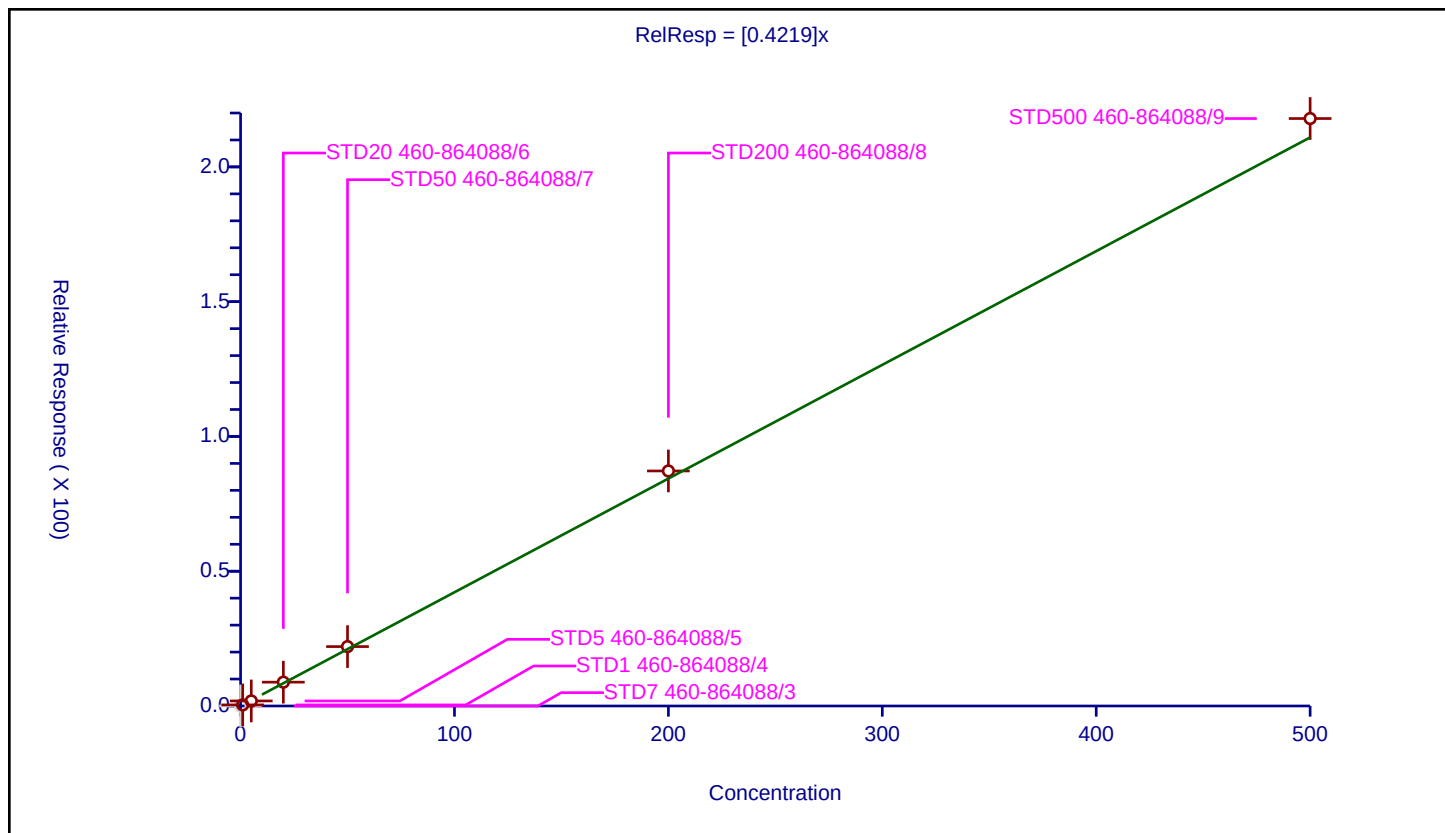
Curve Coefficients

Intercept: 0
Slope: 0.4219

Error Coefficients

Standard Error: 1130000
Relative Standard Error: 6.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.401031	50.0	468667.0	0.401031	Y
3	STD5 460-864088/5	5.0	1.879091	50.0	467806.0	0.375818	Y
4	STD20 460-864088/6	20.0	8.836279	50.0	474521.0	0.441814	Y
5	STD50 460-864088/7	50.0	22.035821	50.0	481845.0	0.440716	Y
6	STD200 460-864088/8	200.0	87.200812	50.0	503446.0	0.436004	Y
7	STD500 460-864088/9	500.0	217.955551	50.0	538644.0	0.435911	Y



Calibration

/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

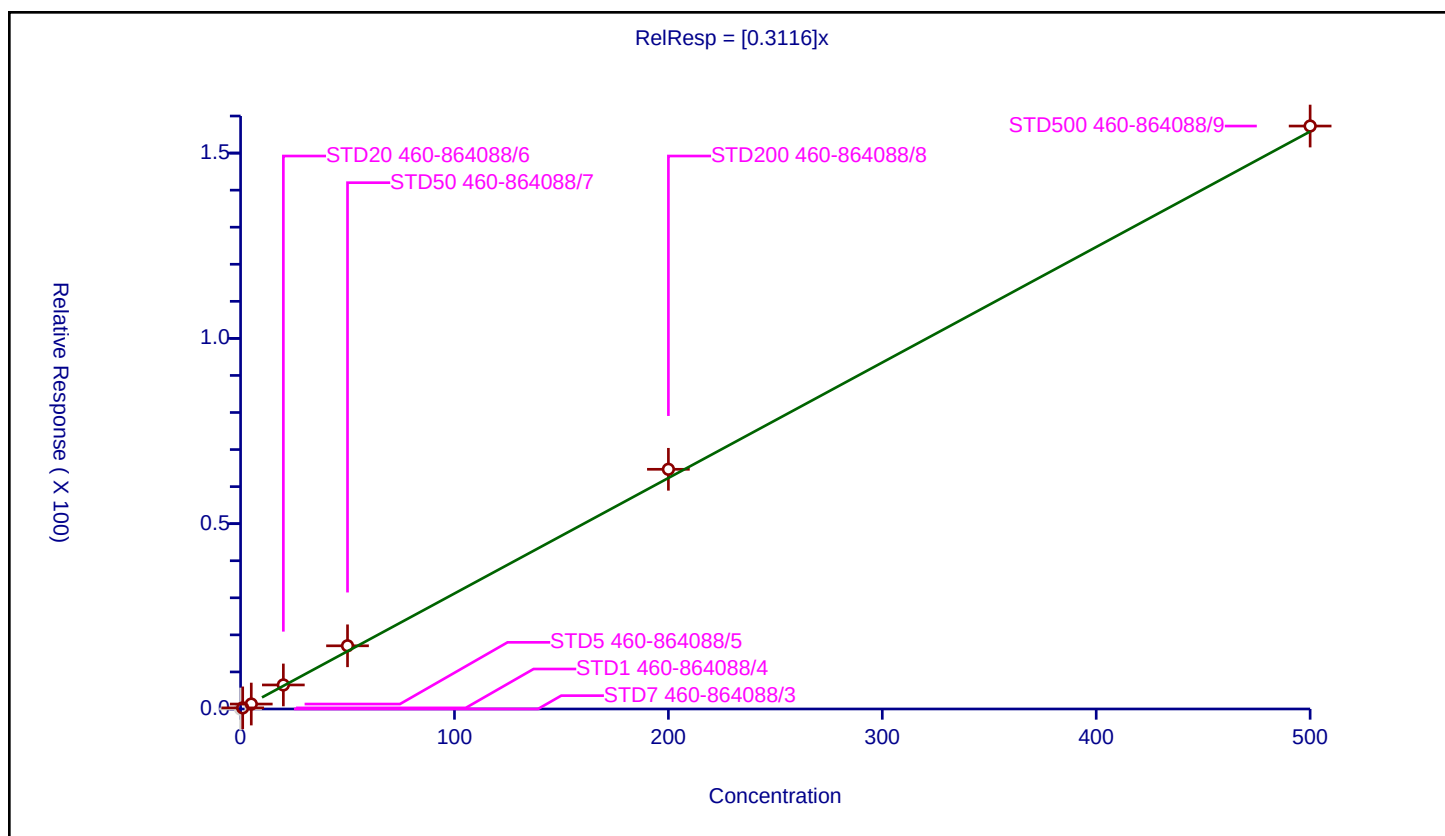
Curve Coefficients

Intercept: 0
 Slope: 0.3116

Error Coefficients

Standard Error: 816000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.299146	50.0	468667.0	0.299146	Y
3	STD5 460-864088/5	5.0	1.336131	50.0	467806.0	0.267226	Y
4	STD20 460-864088/6	20.0	6.488649	50.0	474521.0	0.324432	Y
5	STD50 460-864088/7	50.0	17.052164	50.0	481845.0	0.341043	Y
6	STD200 460-864088/8	200.0	64.678536	50.0	503446.0	0.323393	Y
7	STD500 460-864088/9	500.0	157.293314	50.0	538644.0	0.314587	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

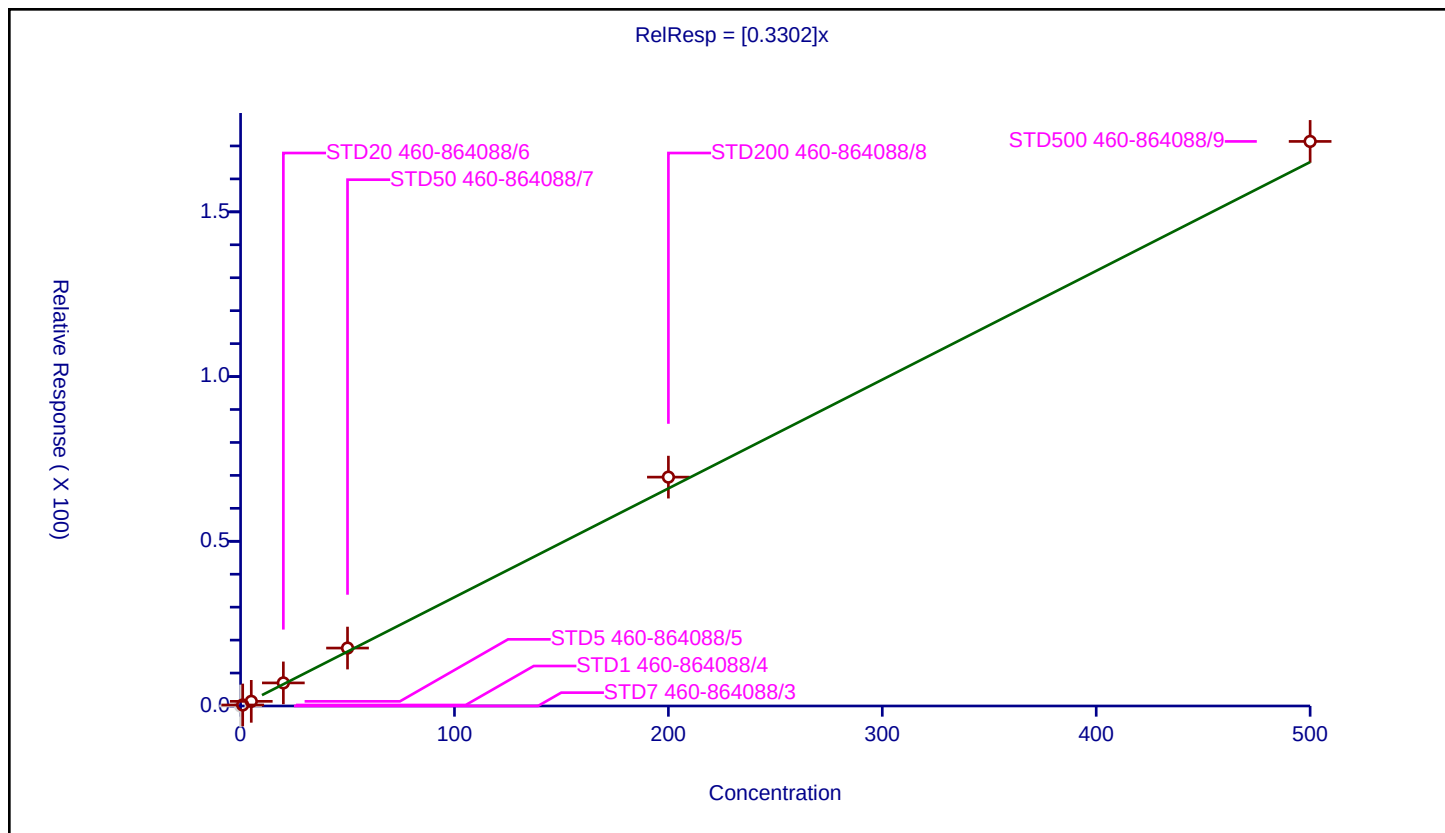
Curve Coefficients

Intercept: 0
Slope: 0.3302

Error Coefficients

Standard Error: 887000
Relative Standard Error: 8.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.306081	50.0	468667.0	0.306081	Y
3	STD5 460-864088/5	5.0	1.414689	50.0	467806.0	0.282938	Y
4	STD20 460-864088/6	20.0	7.005486	50.0	474521.0	0.350274	Y
5	STD50 460-864088/7	50.0	17.589889	50.0	481845.0	0.351798	Y
6	STD200 460-864088/8	200.0	69.476071	50.0	503446.0	0.34738	Y
7	STD500 460-864088/9	500.0	171.378777	50.0	538644.0	0.342758	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

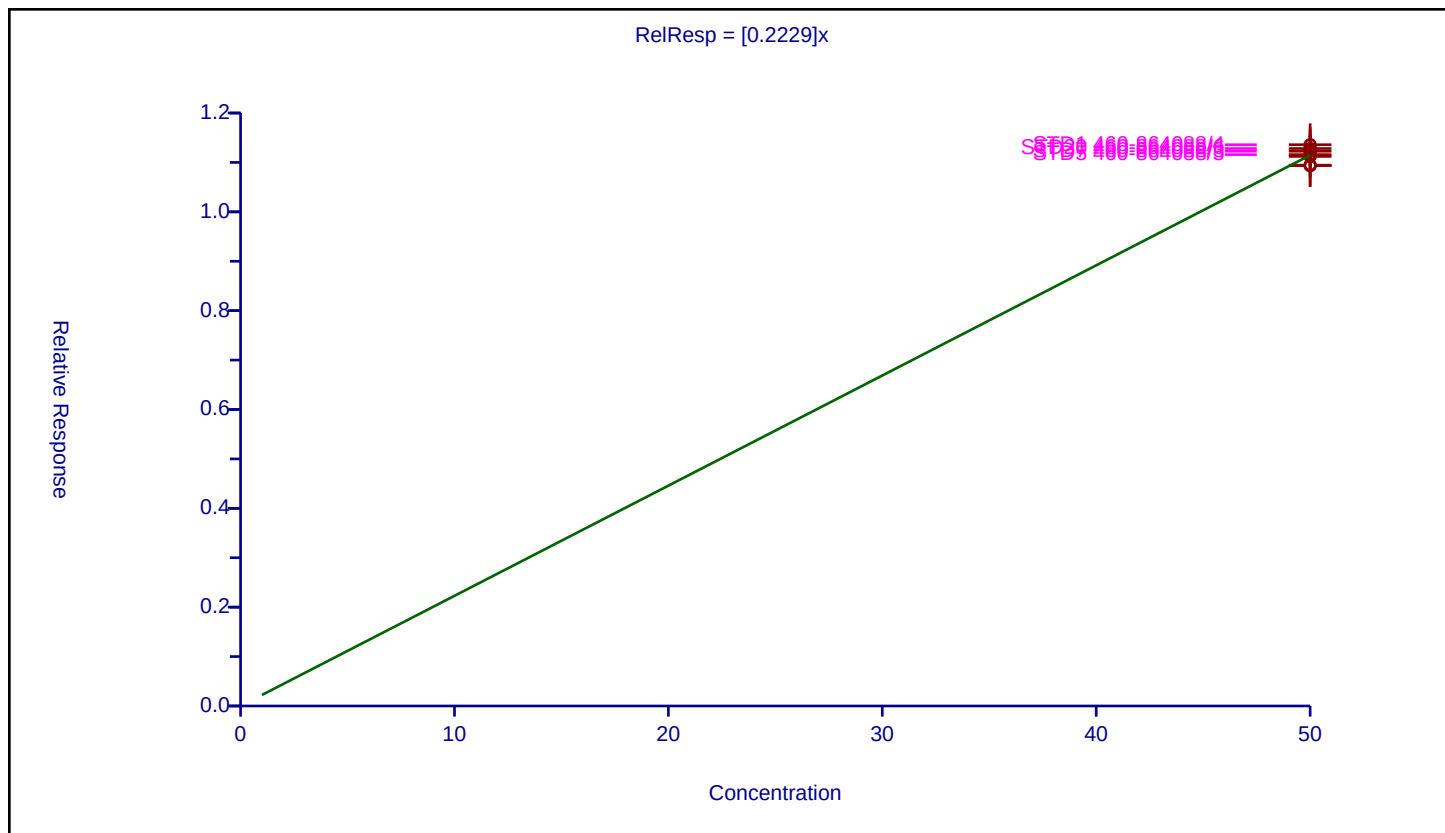
Curve Coefficients

Intercept: 0
 Slope: 0.2229

Error Coefficients

Standard Error: 117000
 Relative Standard Error: 1.4
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	50.0	11.226588	50.0	476093.0	0.224532	Y
2	STD1 460-864088/4	50.0	11.358385	50.0	468667.0	0.227168	Y
3	STD5 460-864088/5	50.0	11.158365	50.0	467806.0	0.223167	Y
4	STD20 460-864088/6	50.0	11.281692	50.0	474521.0	0.225634	Y
5	STD50 460-864088/7	50.0	10.934118	50.0	481845.0	0.218682	Y
6	STD200 460-864088/8	50.0	10.945166	50.0	503446.0	0.218903	Y
7	STD500 460-864088/9	50.0	11.121539	50.0	538644.0	0.222431	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

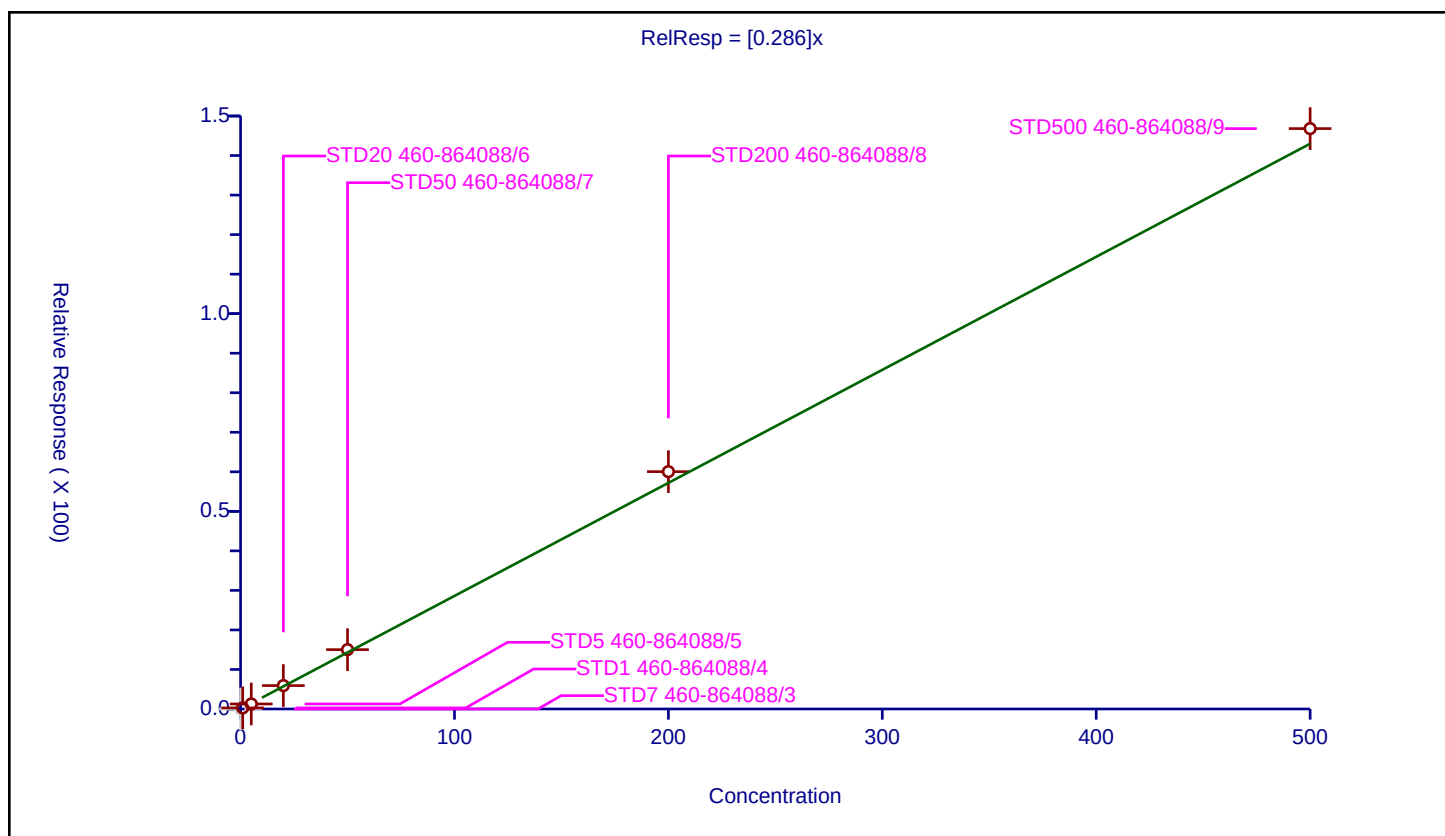
Curve Coefficients

Intercept: 0
 Slope: 0.286

Error Coefficients

Standard Error: 760000
 Relative Standard Error: 6.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.271728	50.0	468667.0	0.271728	Y
3	STD5 460-864088/5	5.0	1.270826	50.0	467806.0	0.254165	Y
4	STD20 460-864088/6	20.0	5.916177	50.0	474521.0	0.295809	Y
5	STD50 460-864088/7	50.0	15.011778	50.0	481845.0	0.300236	Y
6	STD200 460-864088/8	200.0	60.041494	50.0	503446.0	0.300207	Y
7	STD500 460-864088/9	500.0	146.816265	50.0	538644.0	0.293633	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

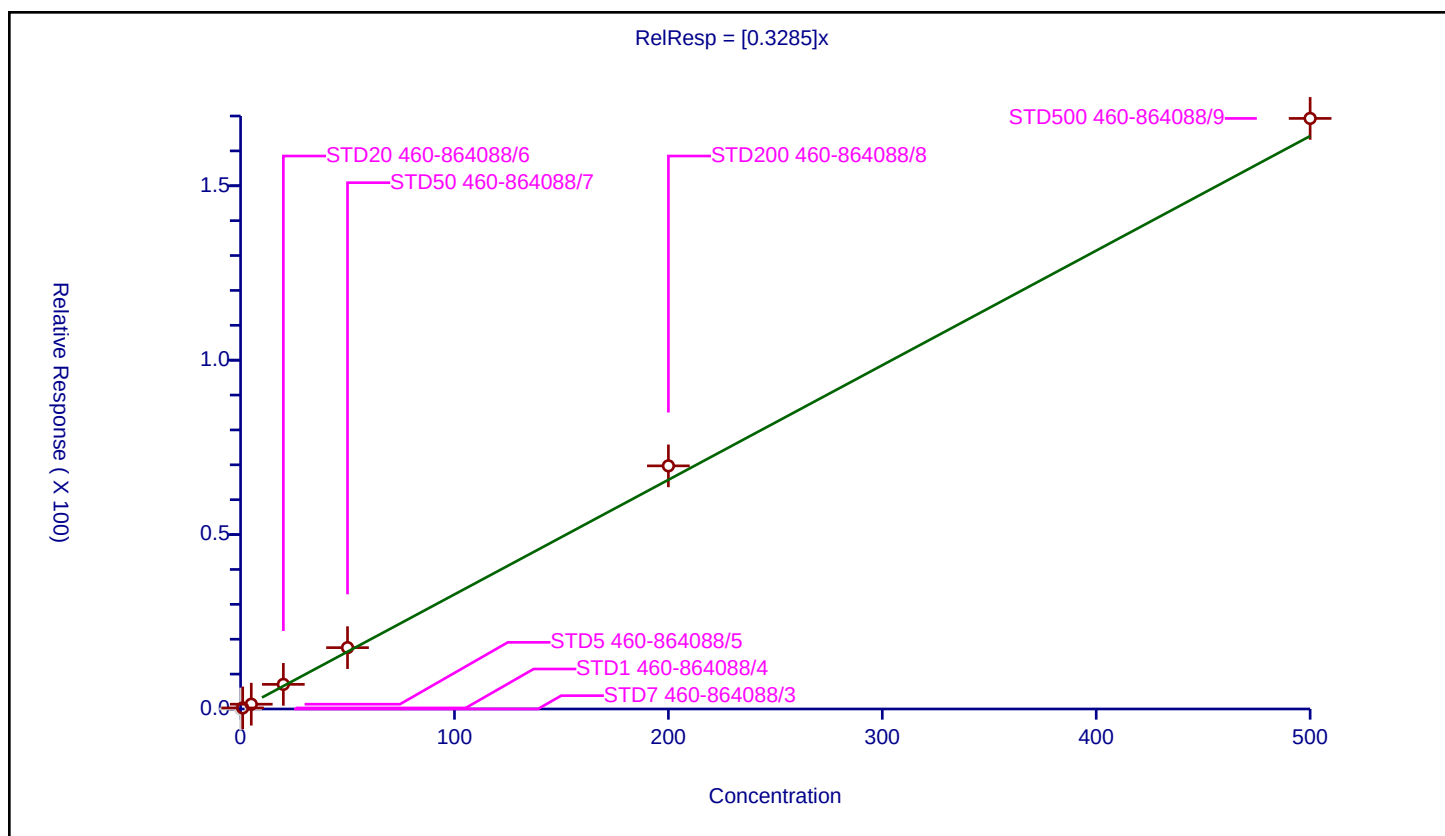
Curve Coefficients

Intercept: 0
Slope: 0.3285

Error Coefficients

Standard Error: 878000
Relative Standard Error: 9.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.304801	50.0	468667.0	0.304801	Y
3	STD5 460-864088/5	5.0	1.372578	50.0	467806.0	0.274516	Y
4	STD20 460-864088/6	20.0	7.058592	50.0	474521.0	0.35293	Y
5	STD50 460-864088/7	50.0	17.586465	50.0	481845.0	0.351729	Y
6	STD200 460-864088/8	200.0	69.704497	50.0	503446.0	0.348522	Y
7	STD500 460-864088/9	500.0	169.308579	50.0	538644.0	0.338617	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

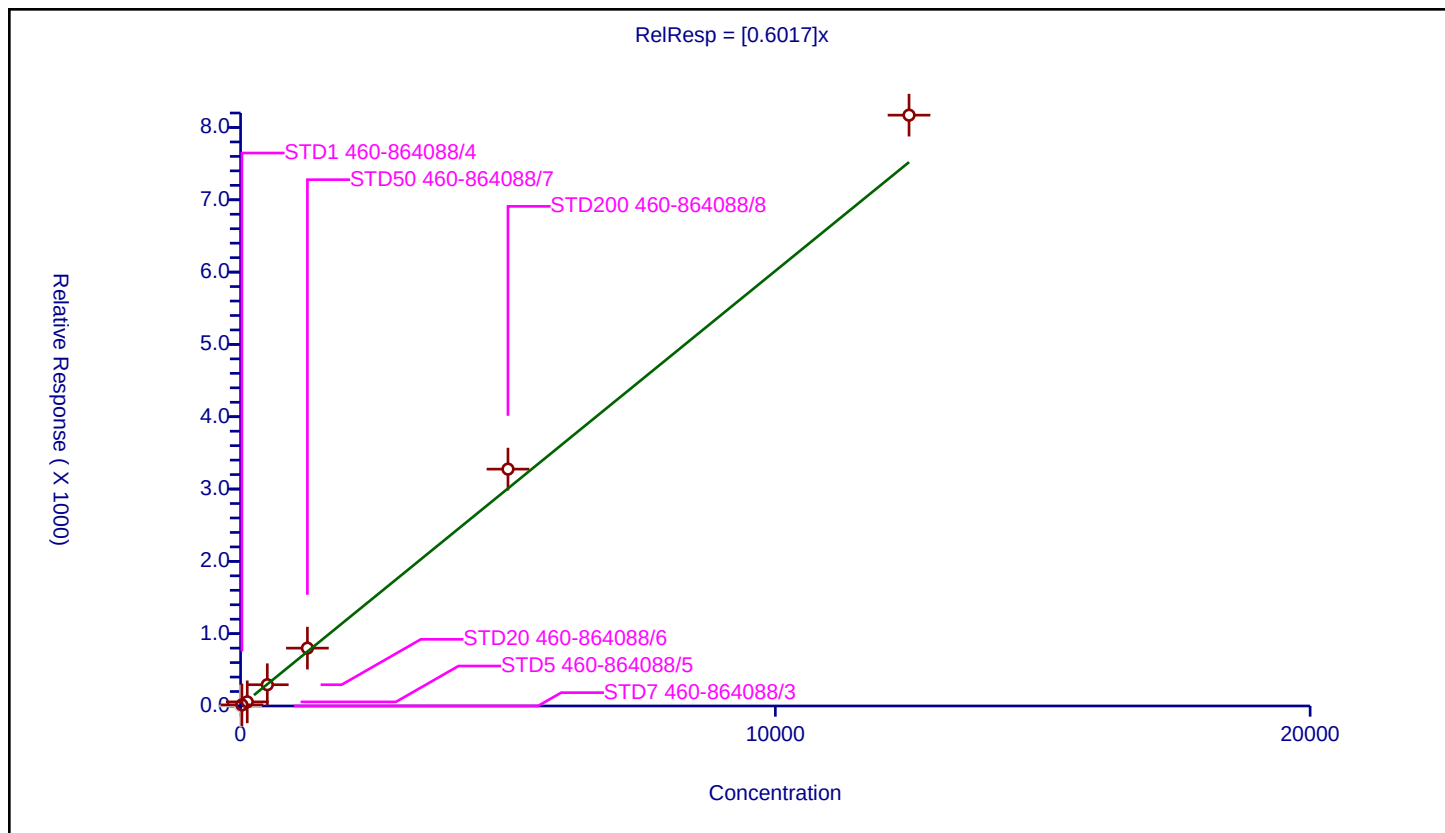
Curve Coefficients

Intercept: 0
Slope: 0.6017

Error Coefficients

Standard Error: 929000
Relative Standard Error: 12.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	25.0	15.42256	1000.0	193807.0	0.616902	Y
3	STD5 460-864088/5	125.0	57.053088	1000.0	196694.0	0.456425	Y
4	STD20 460-864088/6	500.0	293.989694	1000.0	198143.0	0.587979	Y
5	STD50 460-864088/7	1250.0	799.8996	1000.0	213148.0	0.63992	Y
6	STD200 460-864088/8	5000.0	3275.58358	1000.0	221392.0	0.655117	Y
7	STD500 460-864088/9	12500.0	8170.533657	1000.0	238299.0	0.653643	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

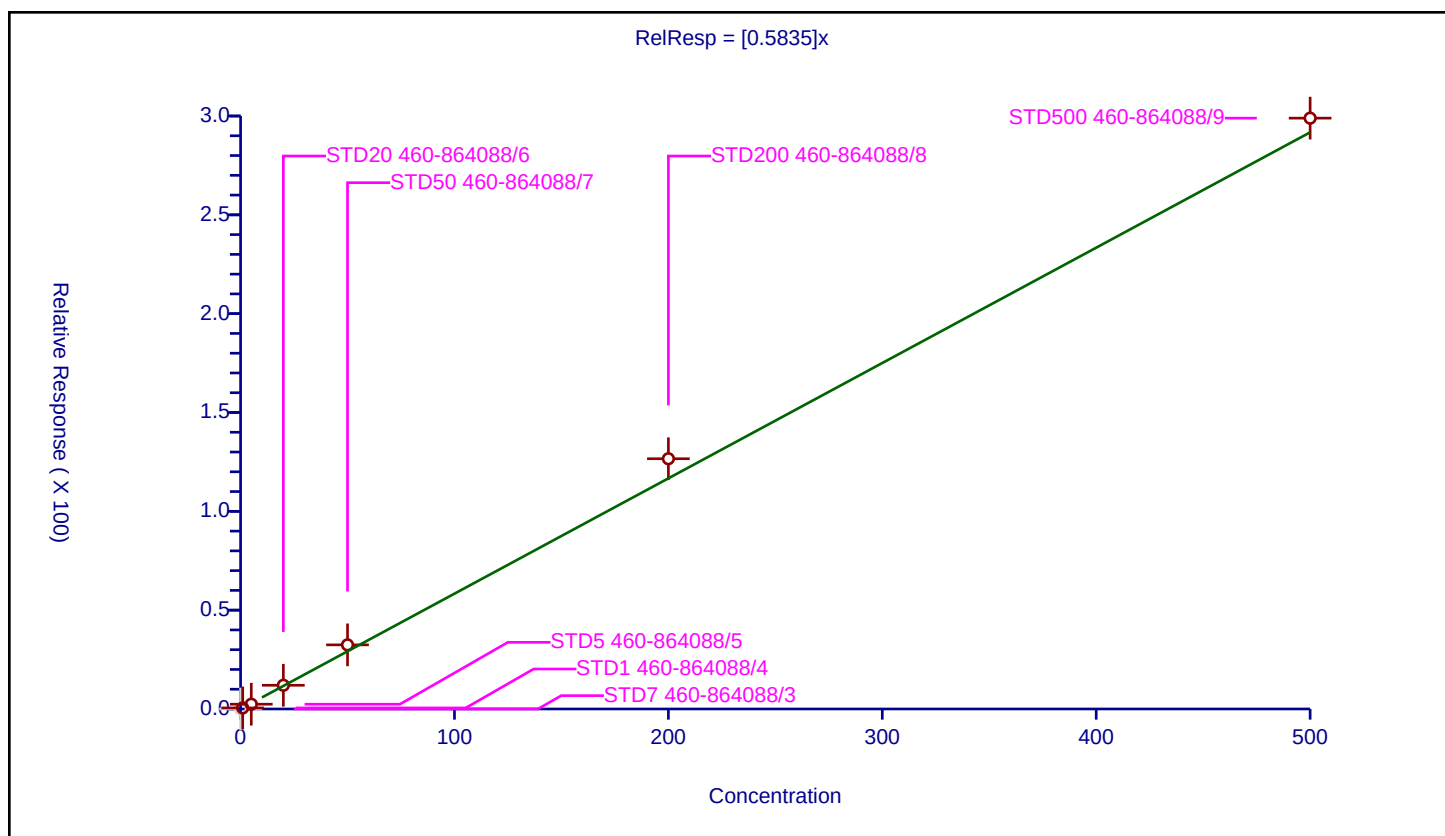
Curve Coefficients

Intercept: 0
Slope: 0.5835

Error Coefficients

Standard Error: 1560000
Relative Standard Error: 10.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.535988	50.0	468667.0	0.535988	Y
3	STD5 460-864088/5	5.0	2.426433	50.0	467806.0	0.485287	Y
4	STD20 460-864088/6	20.0	11.997888	50.0	474521.0	0.599894	Y
5	STD50 460-864088/7	50.0	32.436883	50.0	481845.0	0.648738	Y
6	STD200 460-864088/8	200.0	126.605932	50.0	503446.0	0.63303	Y
7	STD500 460-864088/9	500.0	298.914961	50.0	538644.0	0.59783	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

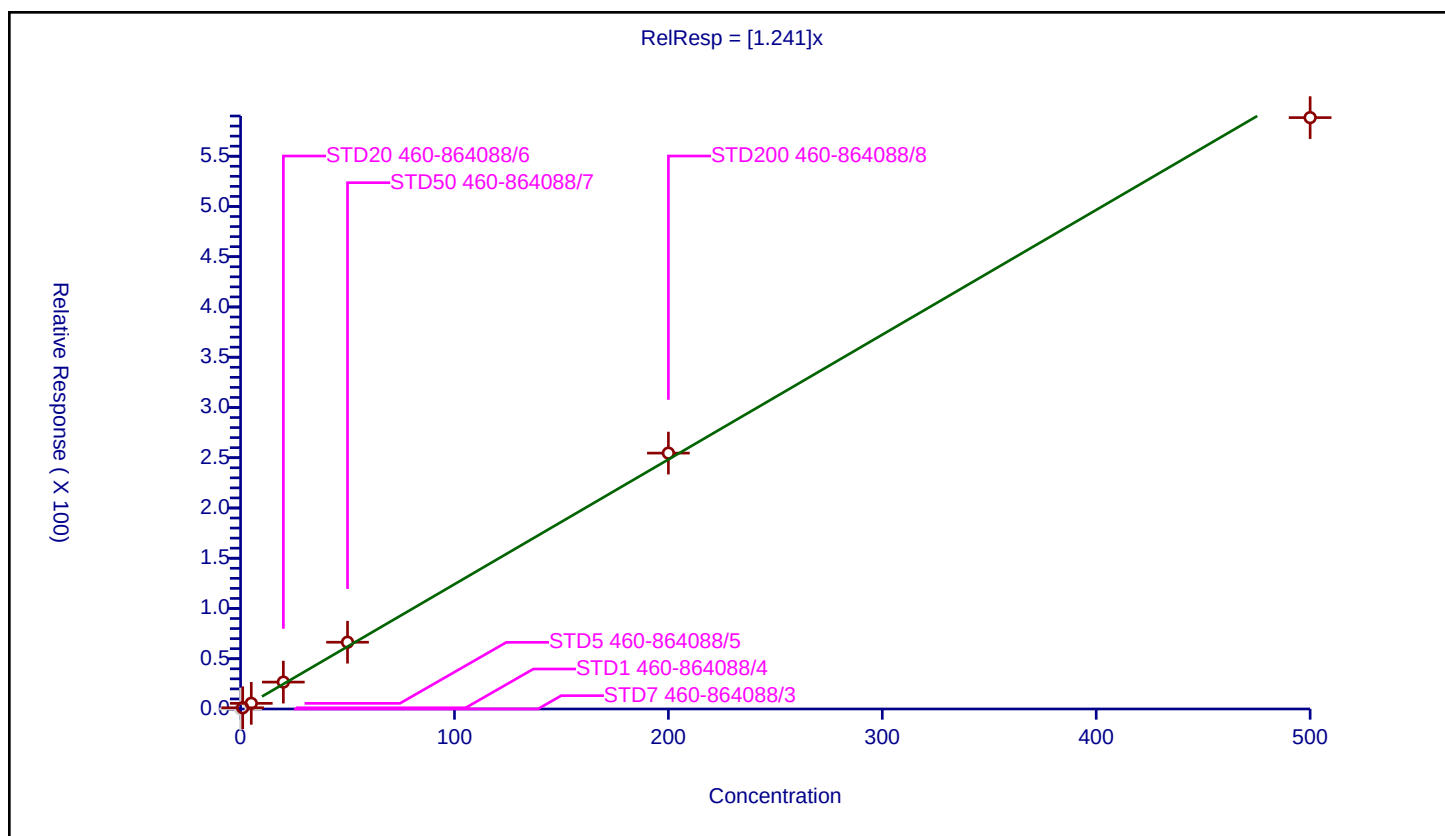
Curve Coefficients

Intercept: 0
Slope: 1.241

Error Coefficients

Standard Error: 2450000
Relative Standard Error: 6.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	1.209574	50.0	346899.0	1.209574	Y
3	STD5 460-864088/5	5.0	5.614109	50.0	345647.0	1.122822	Y
4	STD20 460-864088/6	20.0	26.75696	50.0	358389.0	1.337848	Y
5	STD50 460-864088/7	50.0	66.419936	50.0	362946.0	1.328399	Y
6	STD200 460-864088/8	200.0	254.597303	50.0	385389.0	1.272987	Y
7	STD500 460-864088/9	500.0	588.395928	50.0	432094.0	1.176792	Y



Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

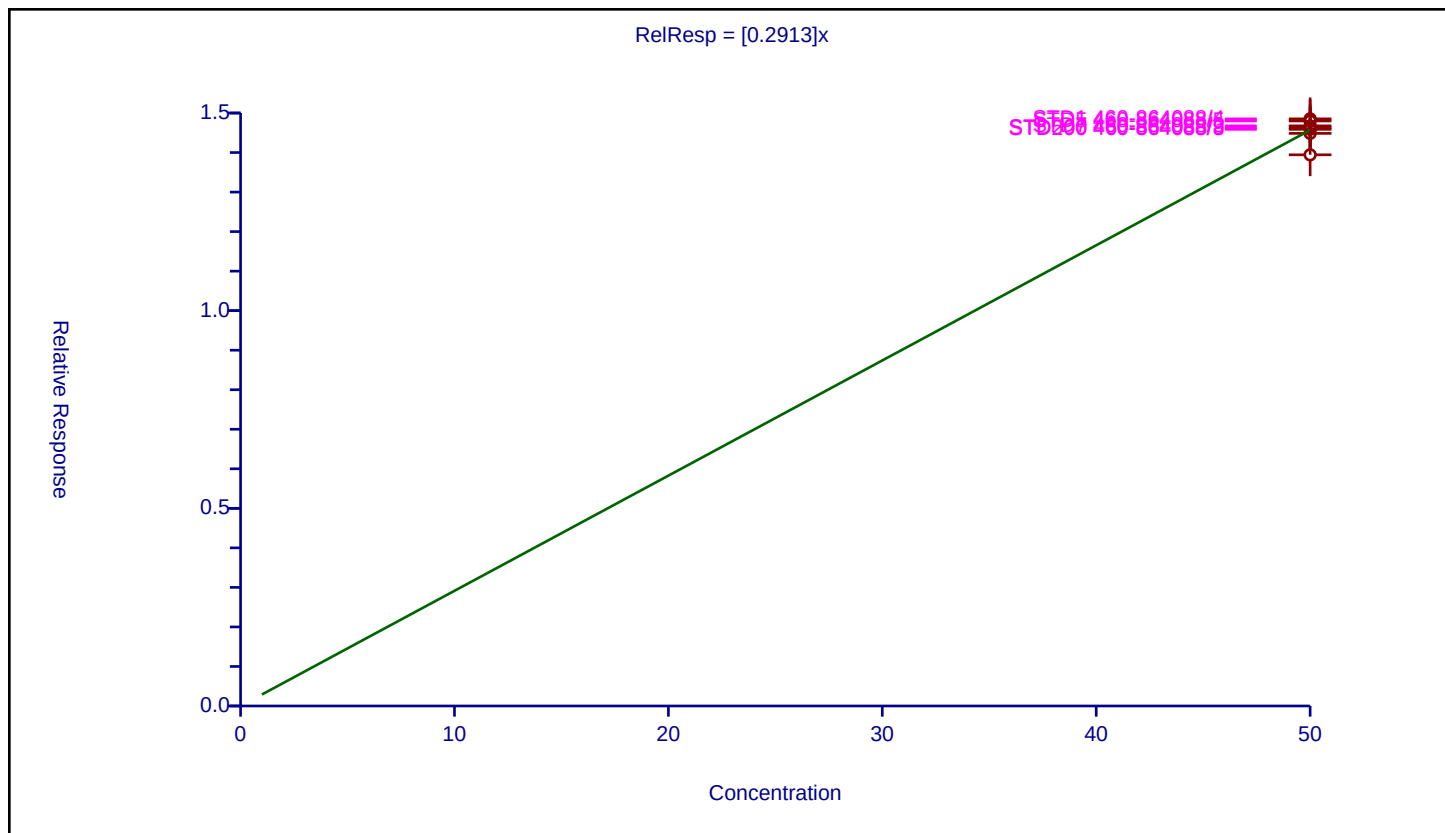
Curve Coefficients

Intercept: 0
Slope: 0.2913

Error Coefficients

Standard Error: 154000
Relative Standard Error: 2.1
Correlation Coefficient: 0
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	50.0	14.675179	50.0	476093.0	0.293504	Y
2	STD1 460-864088/4	50.0	14.852123	50.0	468667.0	0.297042	Y
3	STD5 460-864088/5	50.0	14.799083	50.0	467806.0	0.295982	Y
4	STD20 460-864088/6	50.0	14.484712	50.0	474521.0	0.289694	Y
5	STD50 460-864088/7	50.0	13.943177	50.0	481845.0	0.278864	Y
6	STD200 460-864088/8	50.0	14.587066	50.0	503446.0	0.291741	Y
7	STD500 460-864088/9	50.0	14.629793	50.0	538644.0	0.292596	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

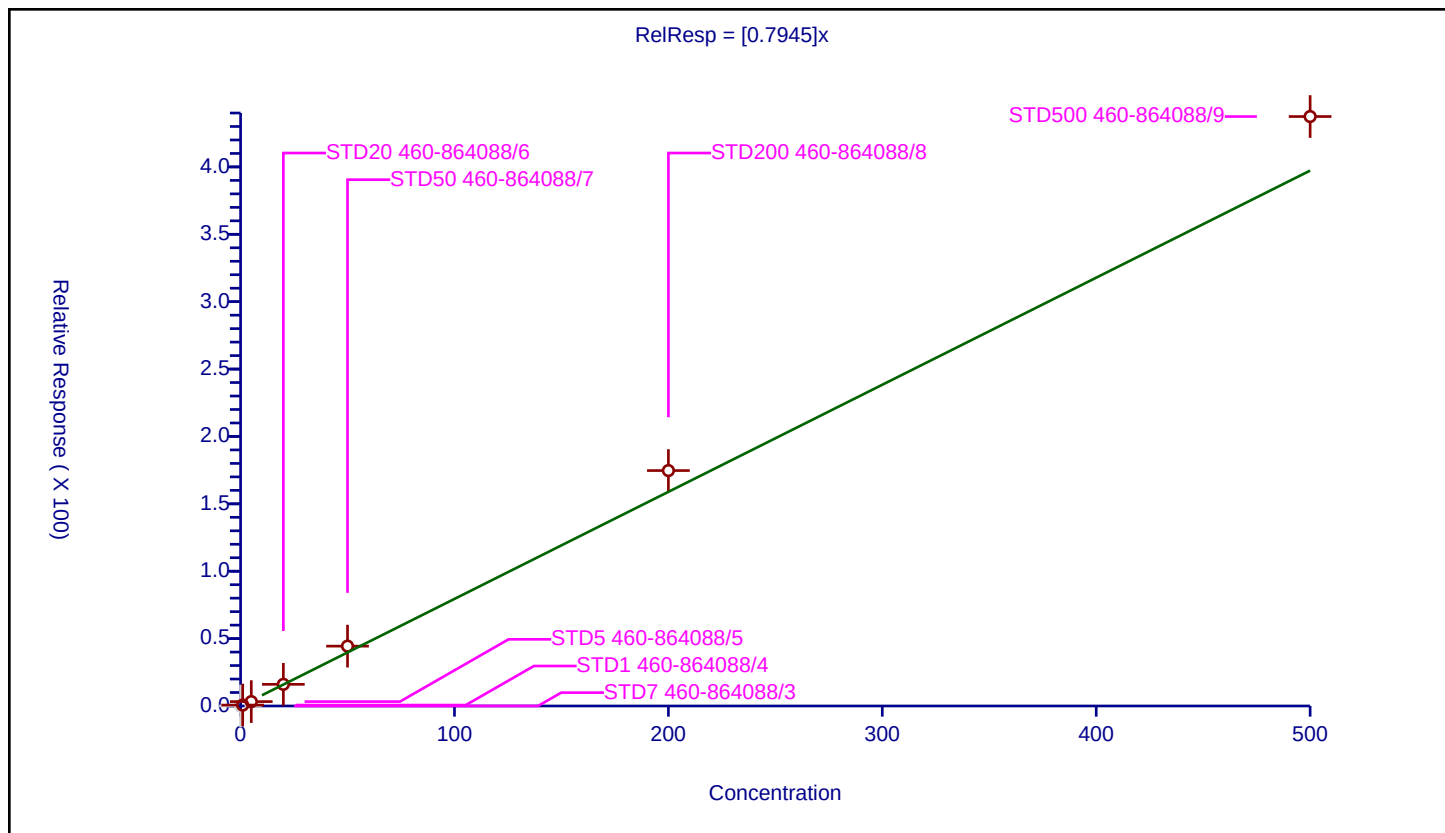
Curve Coefficients

Intercept: 0
 Slope: 0.7945

Error Coefficients

Standard Error: 2260000
 Relative Standard Error: 13.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.6766	50.0	468667.0	0.6766	Y
3	STD5 460-864088/5	5.0	3.253699	50.0	467806.0	0.65074	Y
4	STD20 460-864088/6	20.0	16.070206	50.0	474521.0	0.80351	Y
5	STD50 460-864088/7	50.0	44.408057	50.0	481845.0	0.888161	Y
6	STD200 460-864088/8	200.0	174.684773	50.0	503446.0	0.873424	Y
7	STD500 460-864088/9	500.0	437.387681	50.0	538644.0	0.874775	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

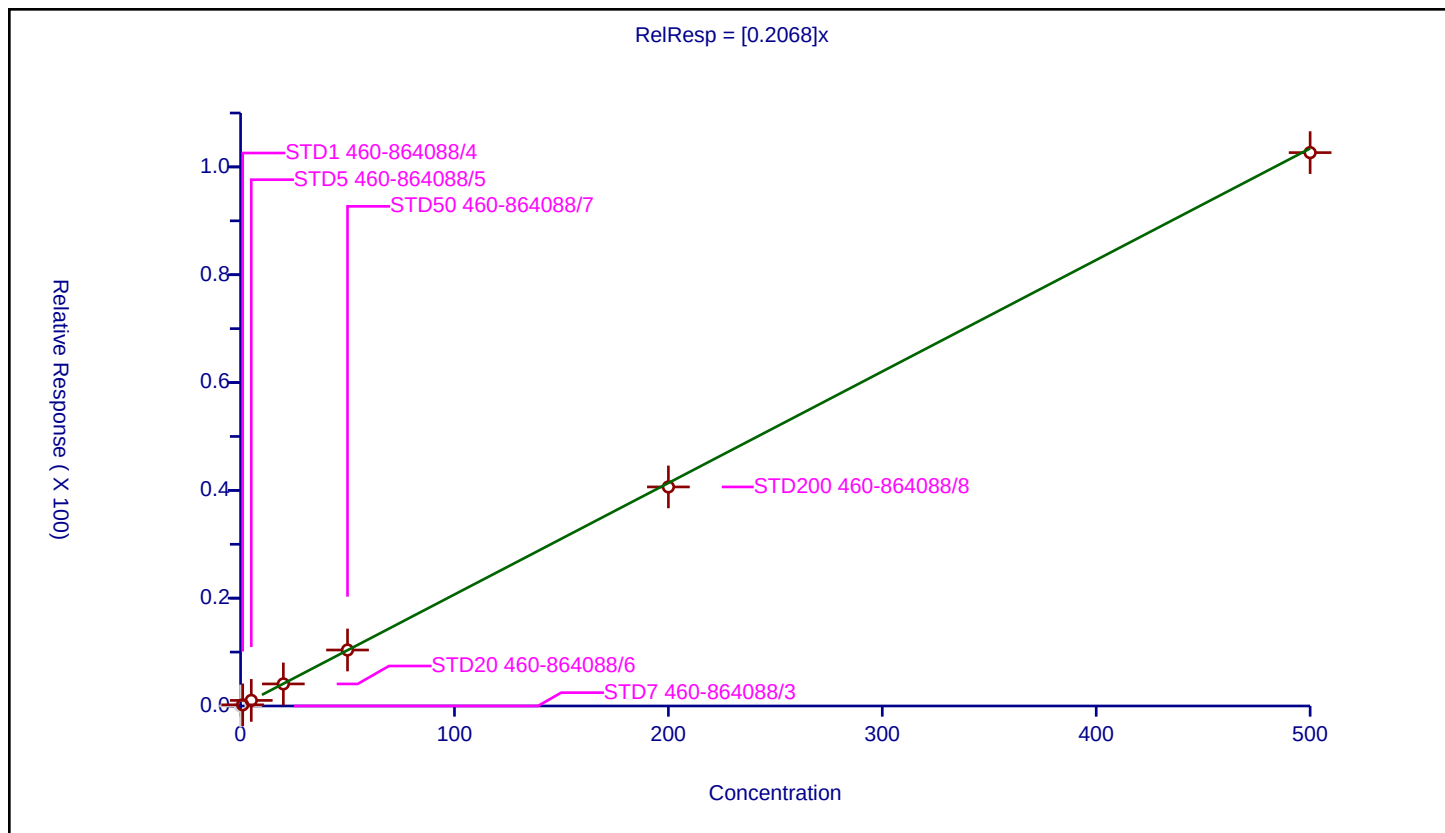
Curve Coefficients

Intercept: 0
Slope: 0.2068

Error Coefficients

Standard Error: 529000
Relative Standard Error: 1.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.213264	50.0	468667.0	0.213264	Y
3	STD5 460-864088/5	5.0	1.034617	50.0	467806.0	0.206923	Y
4	STD20 460-864088/6	20.0	4.093918	50.0	474521.0	0.204696	Y
5	STD50 460-864088/7	50.0	10.384979	50.0	481845.0	0.2077	Y
6	STD200 460-864088/8	200.0	40.636136	50.0	503446.0	0.203181	Y
7	STD500 460-864088/9	500.0	102.65268	50.0	538644.0	0.205305	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

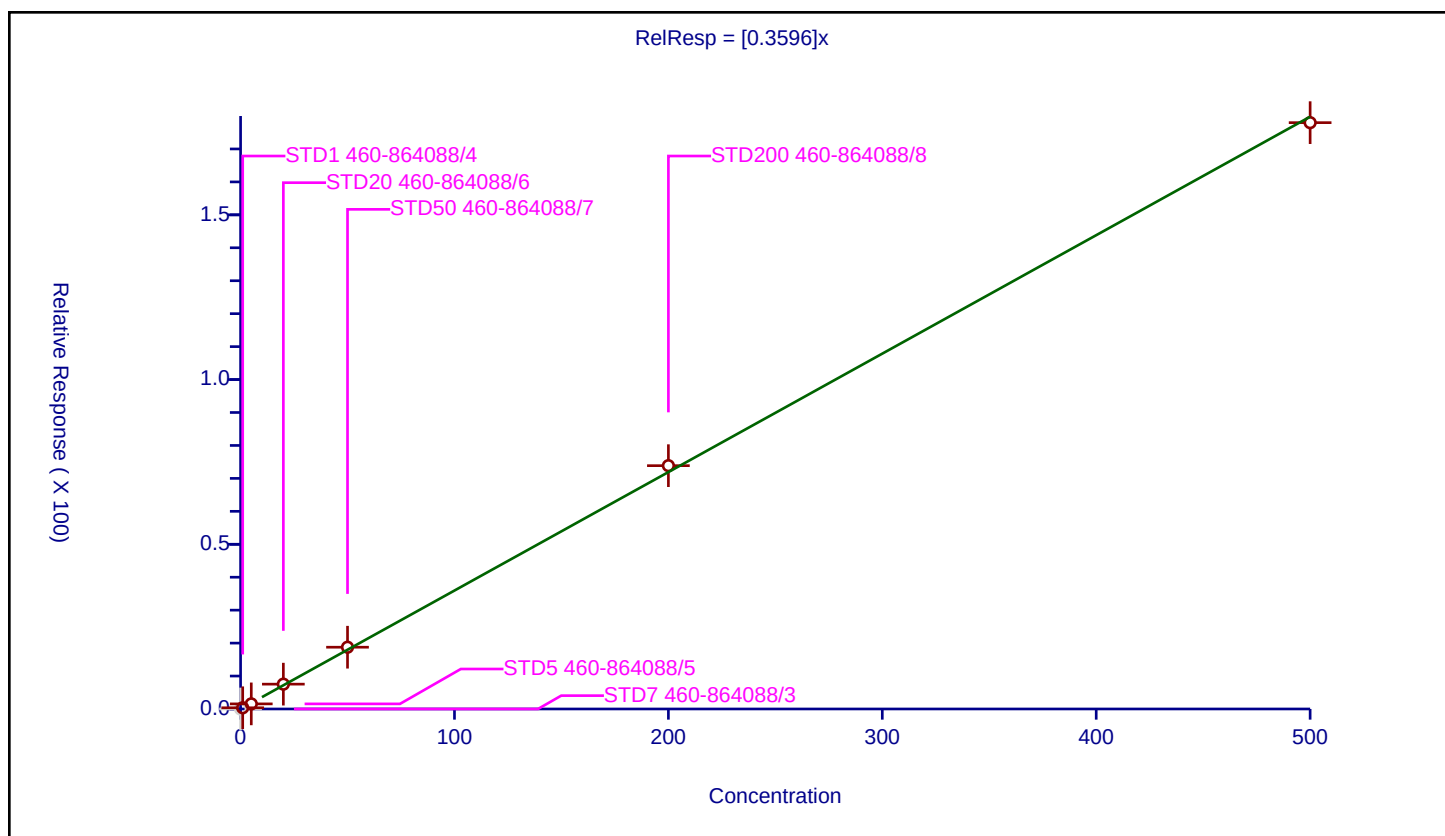
Curve Coefficients

Intercept: 0
 Slope: 0.3596

Error Coefficients

Standard Error: 924000
 Relative Standard Error: 7.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.370839	50.0	468667.0	0.370839	Y
3	STD5 460-864088/5	5.0	1.546474	50.0	467806.0	0.309295	Y
4	STD20 460-864088/6	20.0	7.539182	50.0	474521.0	0.376959	Y
5	STD50 460-864088/7	50.0	18.751362	50.0	481845.0	0.375027	Y
6	STD200 460-864088/8	200.0	73.857474	50.0	503446.0	0.369287	Y
7	STD500 460-864088/9	500.0	177.984717	50.0	538644.0	0.355969	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

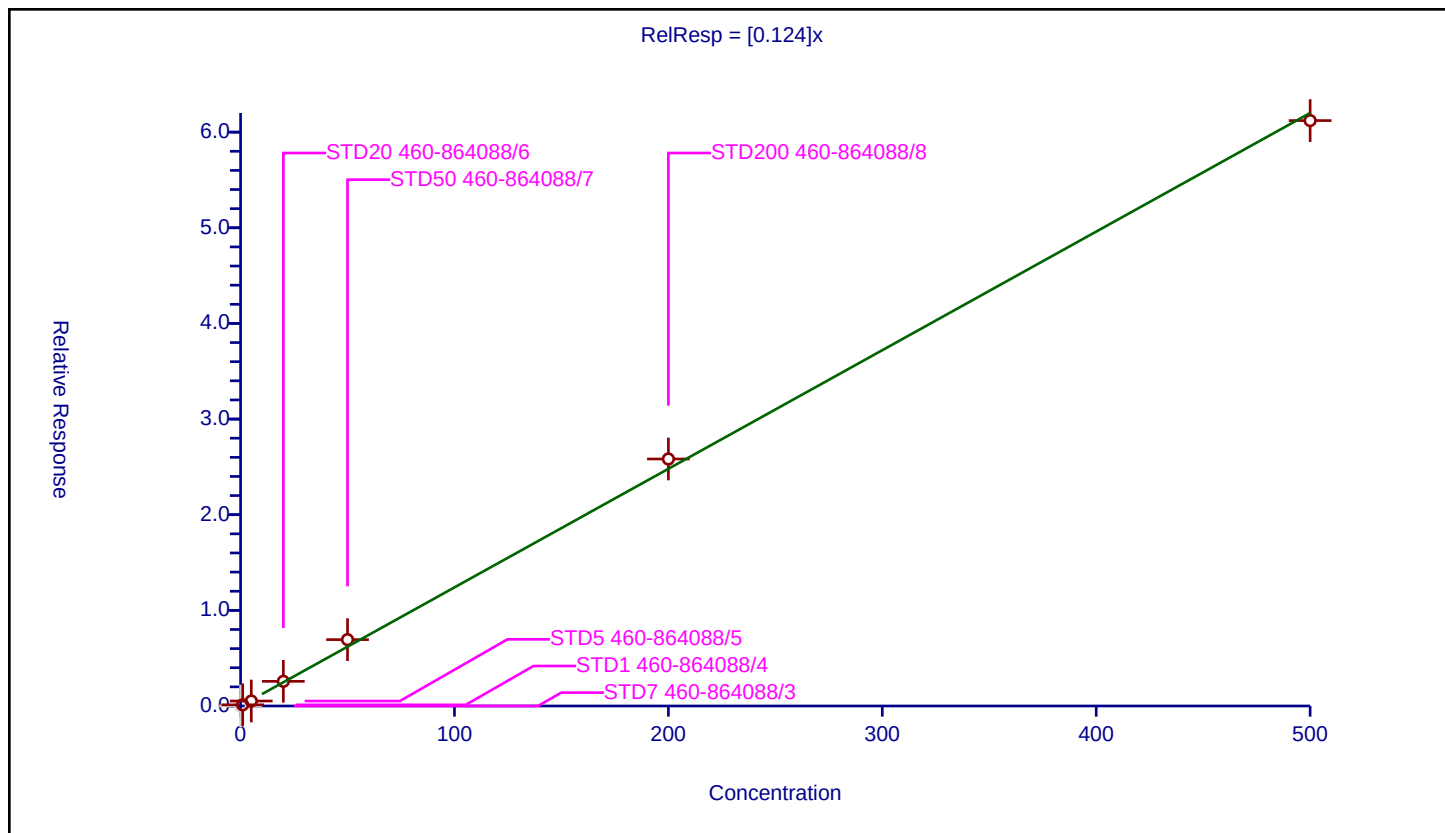
Curve Coefficients

Intercept: 0
 Slope: 0.124

Error Coefficients

Standard Error: 319000
 Relative Standard Error: 9.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.120661	50.0	468667.0	0.120661	Y
3	STD5 460-864088/5	5.0	0.520301	50.0	467806.0	0.10406	Y
4	STD20 460-864088/6	20.0	2.578811	50.0	474521.0	0.128941	Y
5	STD50 460-864088/7	50.0	6.939472	50.0	481845.0	0.138789	Y
6	STD200 460-864088/8	200.0	25.826802	50.0	503446.0	0.129134	Y
7	STD500 460-864088/9	500.0	61.209073	50.0	538644.0	0.122418	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

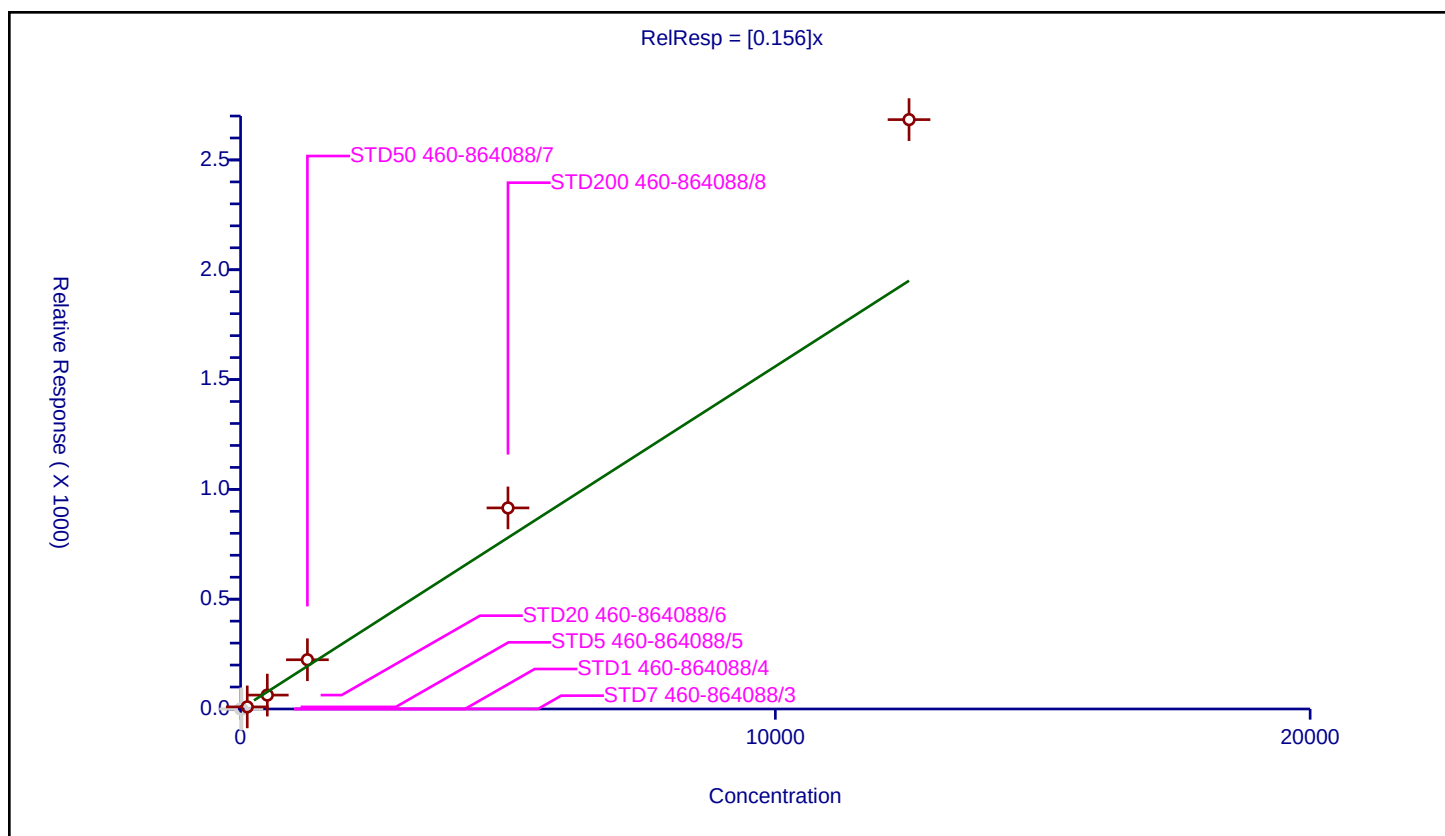
Curve Coefficients

Intercept: 0
Slope: 0.156

Error Coefficients

Standard Error: 335000
Relative Standard Error: 35.0
Correlation Coefficient: 0.994
Coefficient of Determination (Adjusted): 0.898

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	25.0	0.0	1000.0	193807.0	0.0	N
3	STD5 460-864088/5	125.0	9.522405	1000.0	196694.0	0.076179	Y
4	STD20 460-864088/6	500.0	63.333047	1000.0	198143.0	0.126666	Y
5	STD50 460-864088/7	1250.0	224.182258	1000.0	213148.0	0.179346	Y
6	STD200 460-864088/8	5000.0	915.520886	1000.0	221392.0	0.183104	Y
7	STD500 460-864088/9	12500.0	2683.611765	1000.0	238299.0	0.214689	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

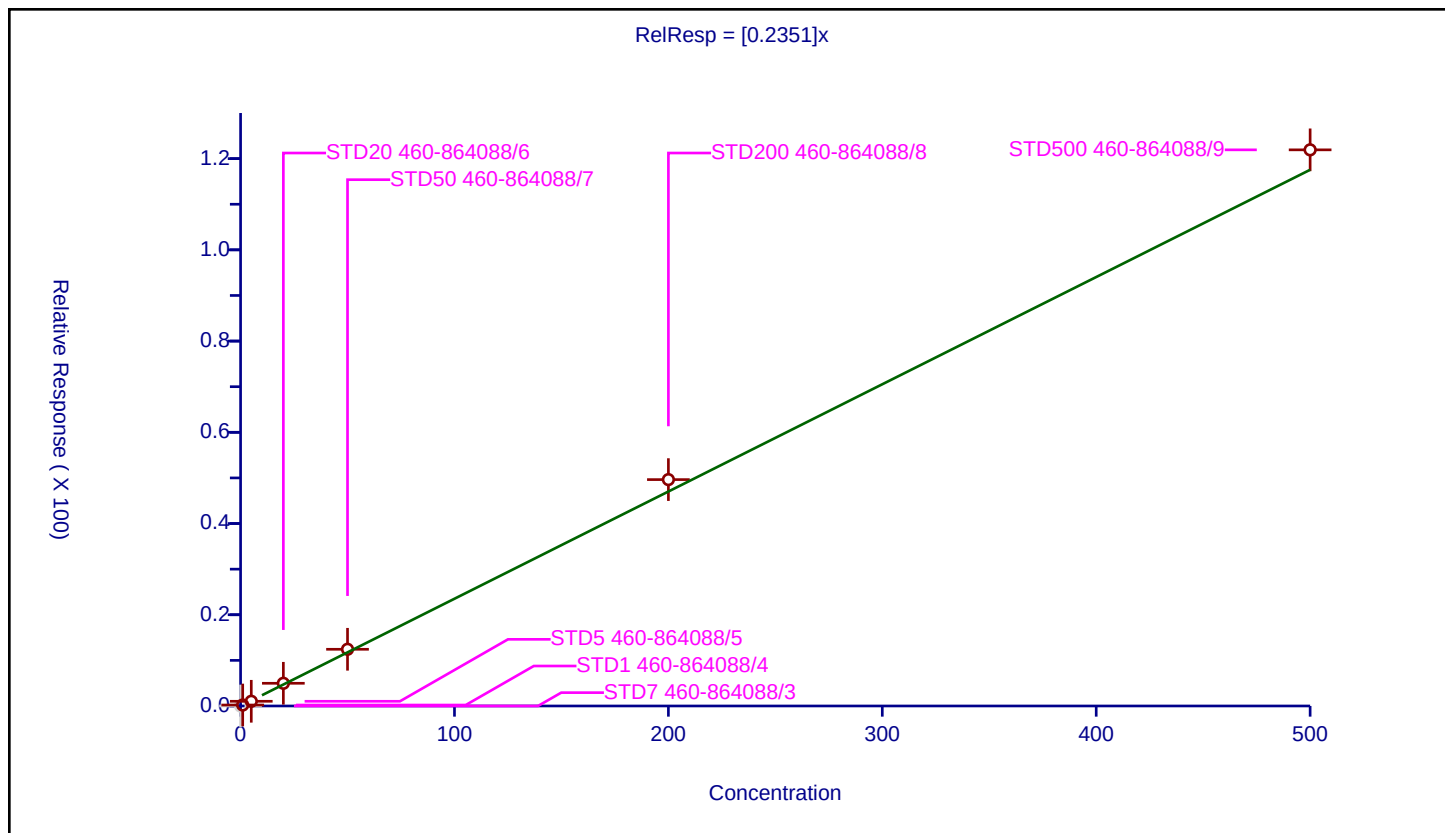
Curve Coefficients

Intercept: 0
 Slope: 0.2351

Error Coefficients

Standard Error: 631000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.214545	50.0	468667.0	0.214545	Y
3	STD5 460-864088/5	5.0	1.032586	50.0	467806.0	0.206517	Y
4	STD20 460-864088/6	20.0	4.977335	50.0	474521.0	0.248867	Y
5	STD50 460-864088/7	50.0	12.433044	50.0	481845.0	0.248661	Y
6	STD200 460-864088/8	200.0	49.632334	50.0	503446.0	0.248162	Y
7	STD500 460-864088/9	500.0	121.927655	50.0	538644.0	0.243855	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

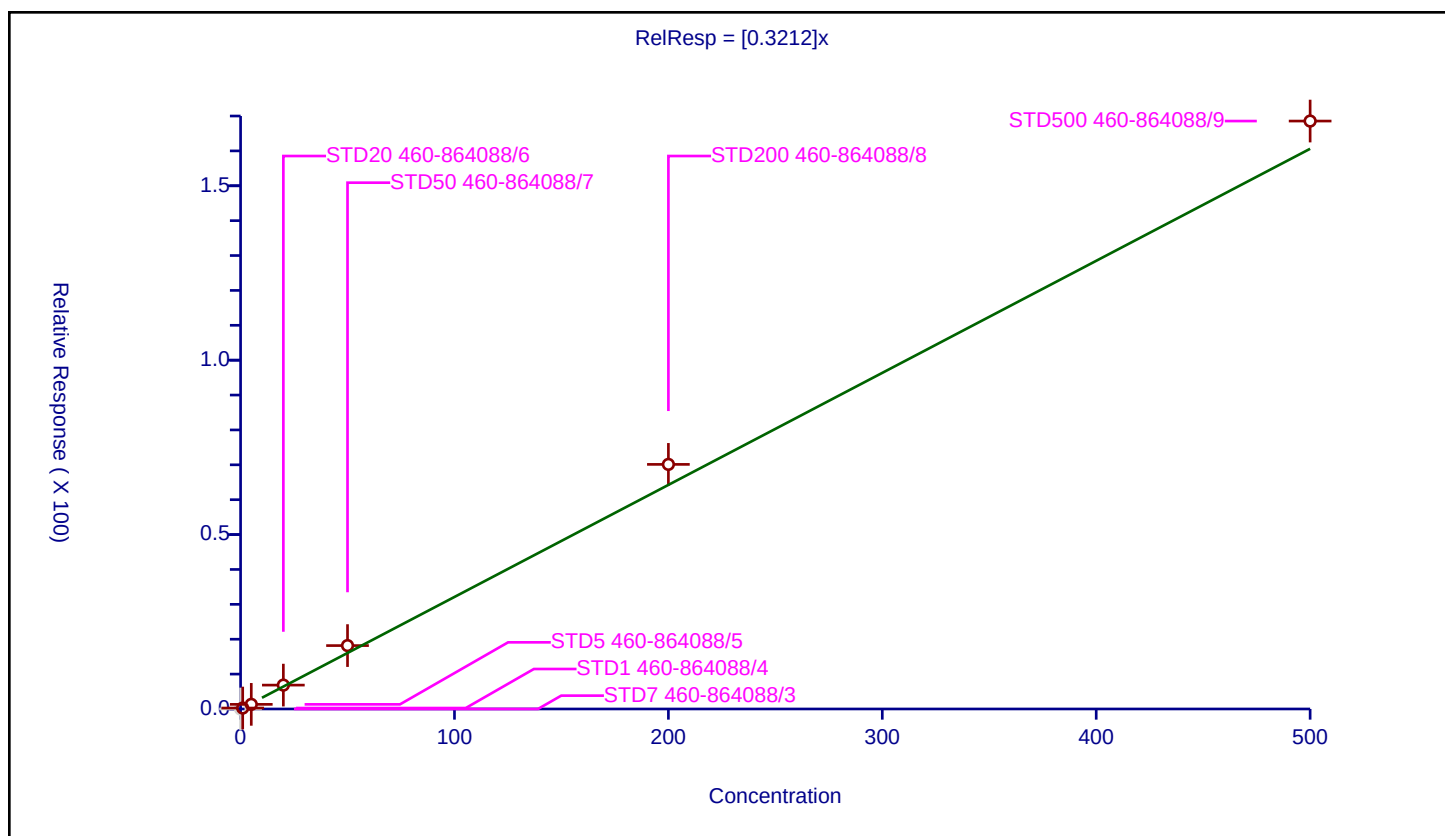
Curve Coefficients

Intercept: 0
 Slope: 0.3212

Error Coefficients

Standard Error: 875000
 Relative Standard Error: 13.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.268101	50.0	468667.0	0.268101	Y
3	STD5 460-864088/5	5.0	1.328328	50.0	467806.0	0.265666	Y
4	STD20 460-864088/6	20.0	6.844692	50.0	474521.0	0.342235	Y
5	STD50 460-864088/7	50.0	18.177215	50.0	481845.0	0.363544	Y
6	STD200 460-864088/8	200.0	70.122516	50.0	503446.0	0.350613	Y
7	STD500 460-864088/9	500.0	168.55372	50.0	538644.0	0.337107	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

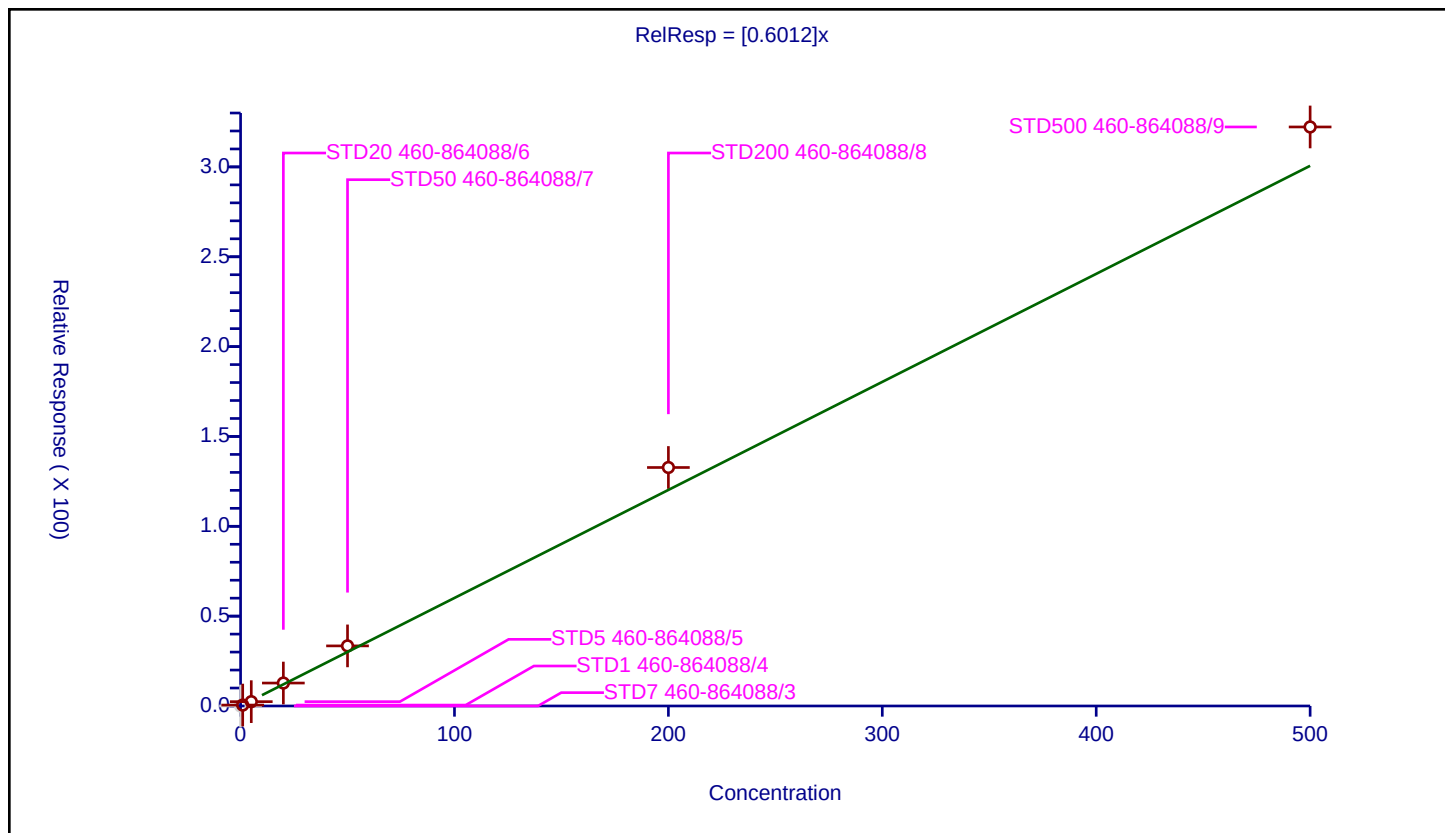
Curve Coefficients

Intercept: 0
 Slope: 0.6012

Error Coefficients

Standard Error: 1670000
 Relative Standard Error: 13.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.508677	50.0	468667.0	0.508677	Y
3	STD5 460-864088/5	5.0	2.415959	50.0	467806.0	0.483192	Y
4	STD20 460-864088/6	20.0	12.772248	50.0	474521.0	0.638612	Y
5	STD50 460-864088/7	50.0	33.437828	50.0	481845.0	0.668757	Y
6	STD200 460-864088/8	200.0	132.727145	50.0	503446.0	0.663636	Y
7	STD500 460-864088/9	500.0	322.233145	50.0	538644.0	0.644466	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

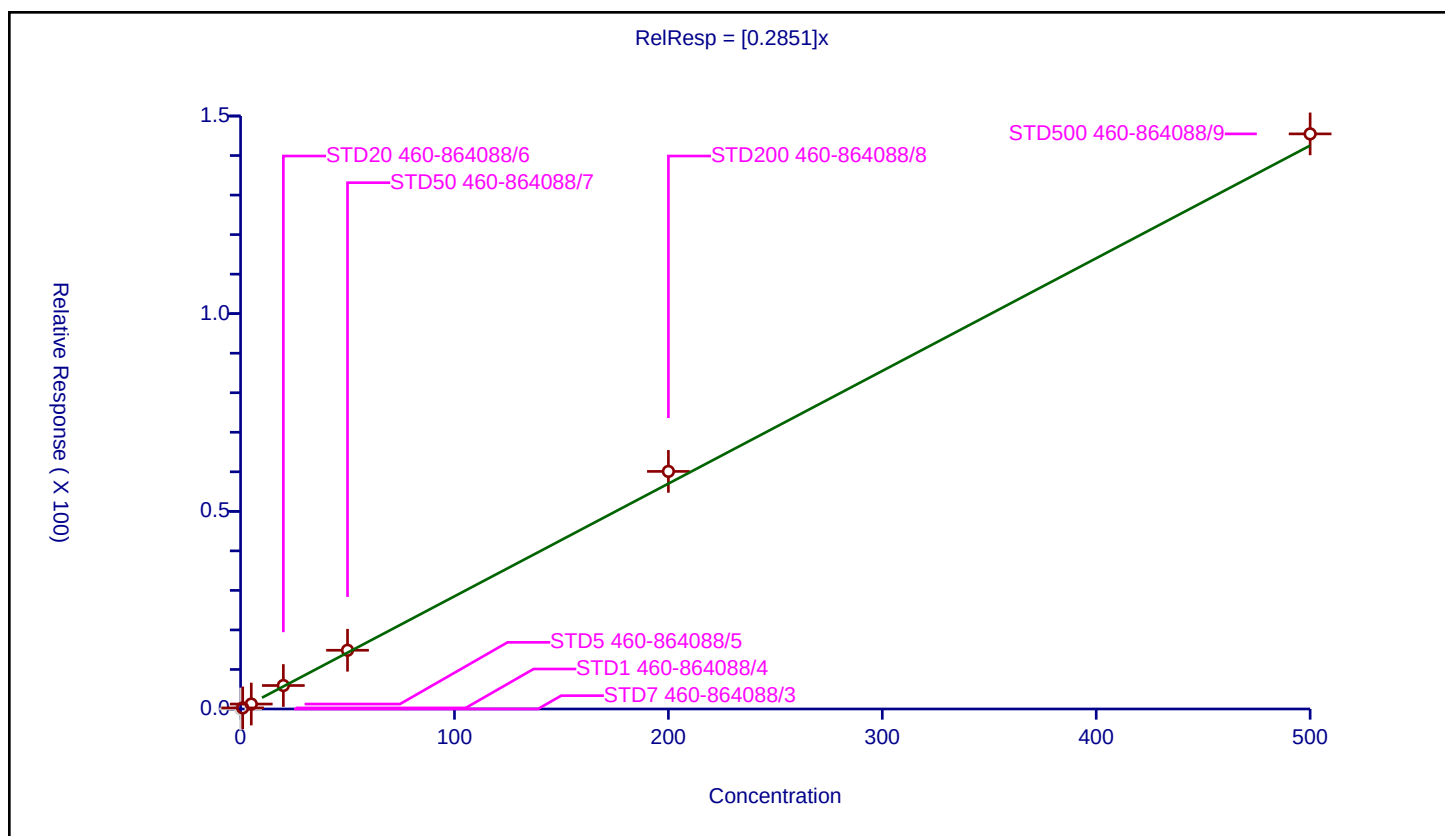
Curve Coefficients

Intercept: 0
Slope: 0.2851

Error Coefficients

Standard Error: 754000
Relative Standard Error: 6.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.274395	50.0	468667.0	0.274395	Y
3	STD5 460-864088/5	5.0	1.25148	50.0	467806.0	0.250296	Y
4	STD20 460-864088/6	20.0	5.940833	50.0	474521.0	0.297042	Y
5	STD50 460-864088/7	50.0	14.856022	50.0	481845.0	0.29712	Y
6	STD200 460-864088/8	200.0	60.097806	50.0	503446.0	0.300489	Y
7	STD500 460-864088/9	500.0	145.482359	50.0	538644.0	0.290965	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

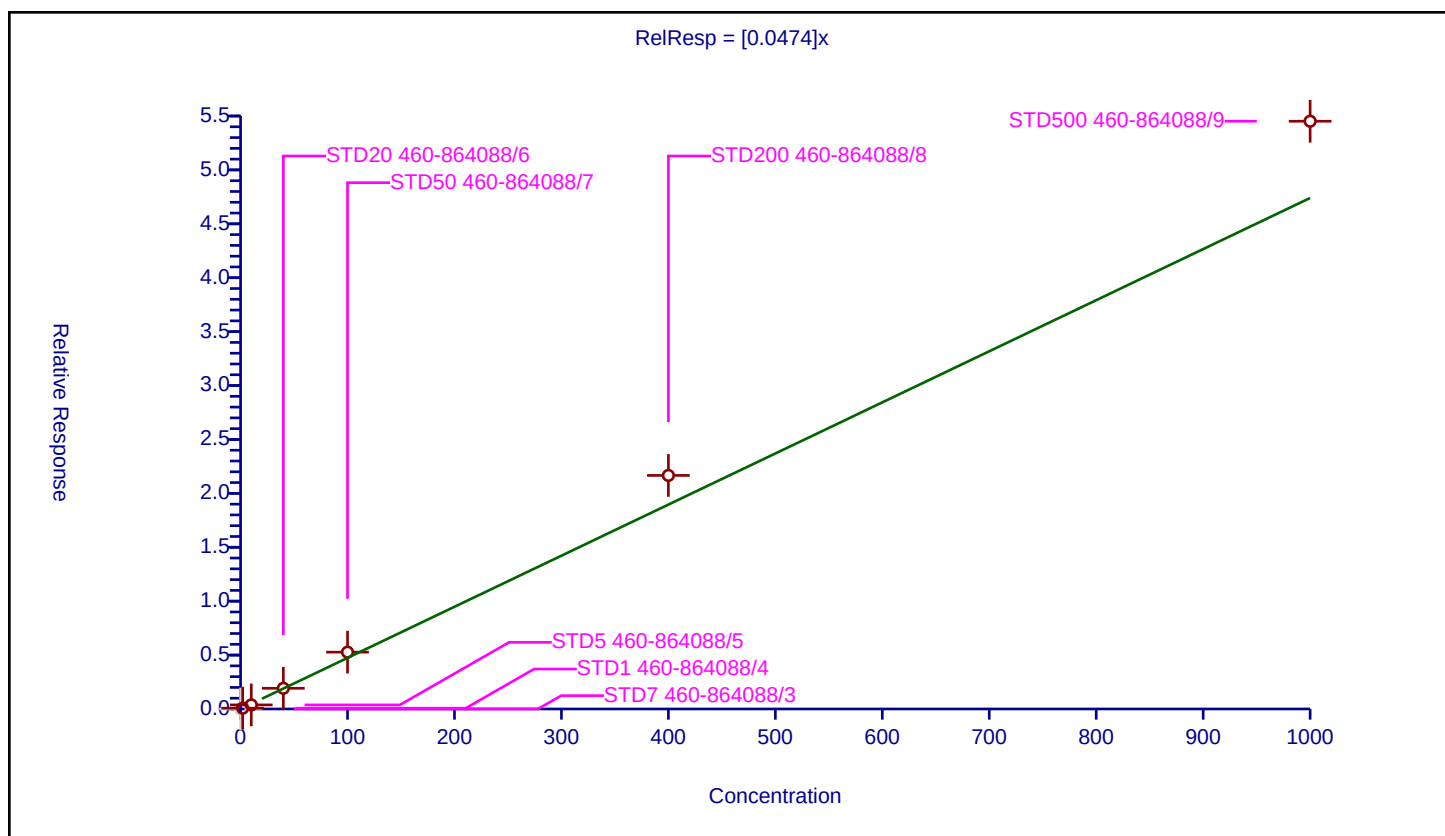
Curve Coefficients

Intercept: 0
 Slope: 0.0474

Error Coefficients

Standard Error: 281000
 Relative Standard Error: 16.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	2.0	0.07404	50.0	468667.0	0.03702	Y
3	STD5 460-864088/5	10.0	0.379217	50.0	467806.0	0.037922	Y
4	STD20 460-864088/6	40.0	1.921411	50.0	474521.0	0.048035	Y
5	STD50 460-864088/7	100.0	5.272546	50.0	481845.0	0.052725	Y
6	STD200 460-864088/8	400.0	21.663197	50.0	503446.0	0.054158	Y
7	STD500 460-864088/9	1000.0	54.518755	50.0	538644.0	0.054519	Y



Calibration

/ 1,4-Dioxane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

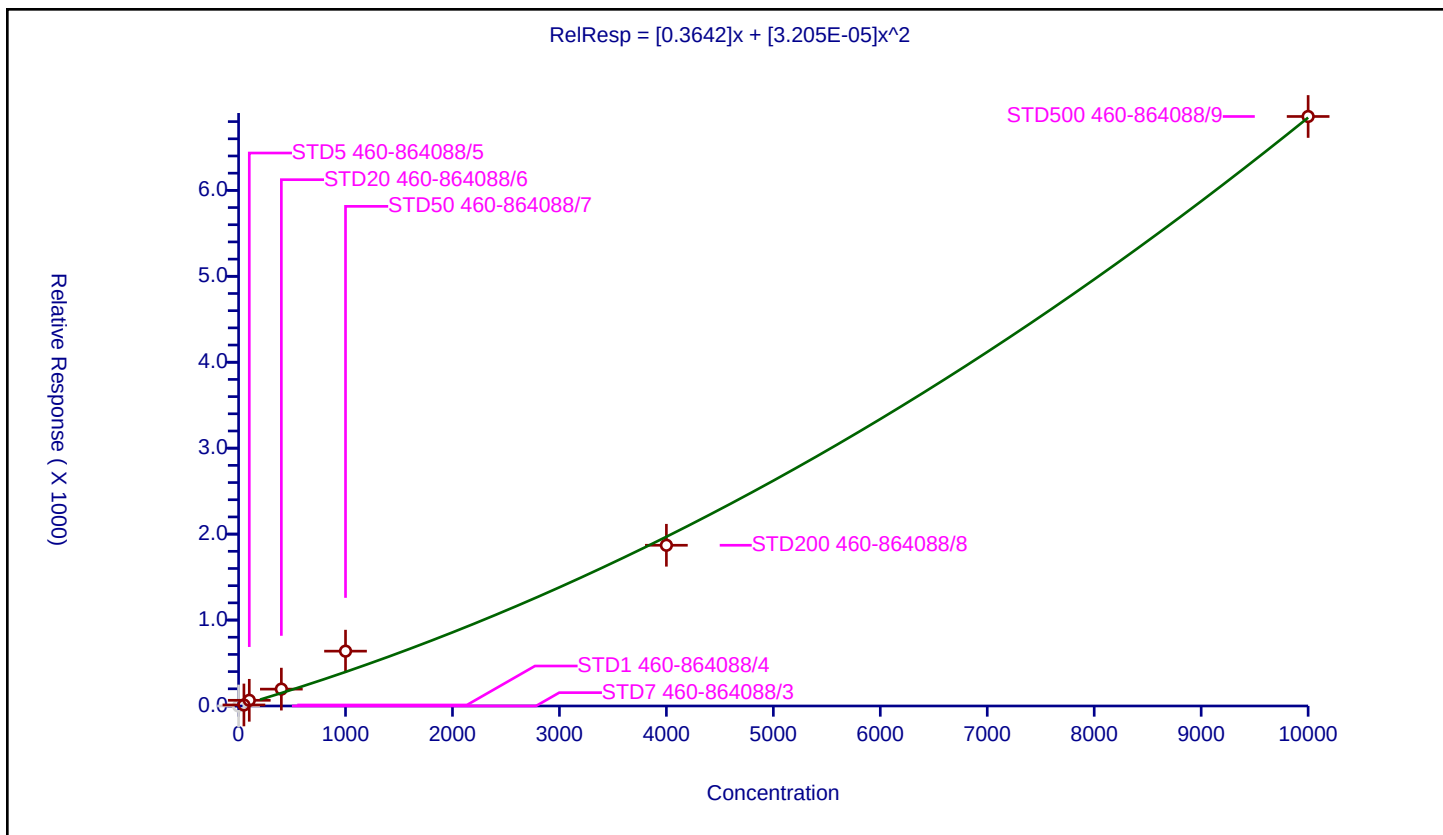
Curve Coefficients

Intercept: 0
 Slope: 0.3642
 Second Order: 3.205E-05

Error Coefficients

Standard Error: 96000
 Relative Standard Error: 53.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	25176.0	NaN	N
2	STD1 460-864088/4	50.000062	11.796027	1000.0	24415.0	0.23592	Y
3	STD5 460-864088/5	100.0	66.220299	1000.0	24494.0	0.662203	Y
4	STD20 460-864088/6	400.0	196.339641	1000.0	24096.0	0.490849	Y
5	STD50 460-864088/7	1000.0	638.173653	1000.0	26720.0	0.638174	Y
6	STD200 460-864088/8	4000.0	1870.320352	1000.0	31840.0	0.46758	Y
7	STD500 460-864088/9	10000.0	6859.66304	1000.0	27570.0	0.685967	Y



Calibration

/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

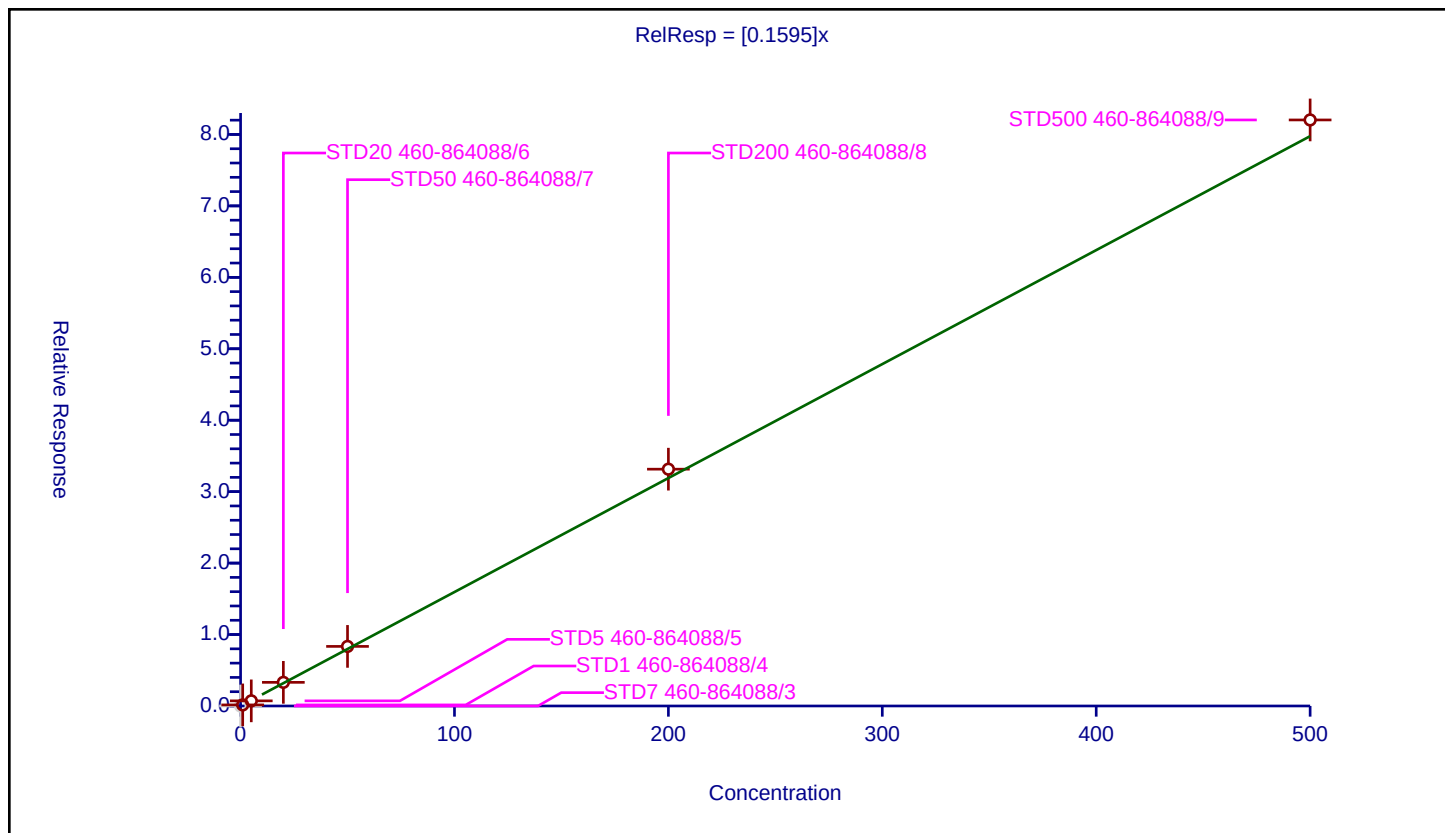
Curve Coefficients

Intercept: 0
 Slope: 0.1595

Error Coefficients

Standard Error: 424000
 Relative Standard Error: 6.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.15128	50.0	468667.0	0.15128	Y
3	STD5 460-864088/5	5.0	0.718781	50.0	467806.0	0.143756	Y
4	STD20 460-864088/6	20.0	3.309337	50.0	474521.0	0.165467	Y
5	STD50 460-864088/7	50.0	8.339196	50.0	481845.0	0.166784	Y
6	STD200 460-864088/8	200.0	33.146753	50.0	503446.0	0.165734	Y
7	STD500 460-864088/9	500.0	82.030339	50.0	538644.0	0.164061	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

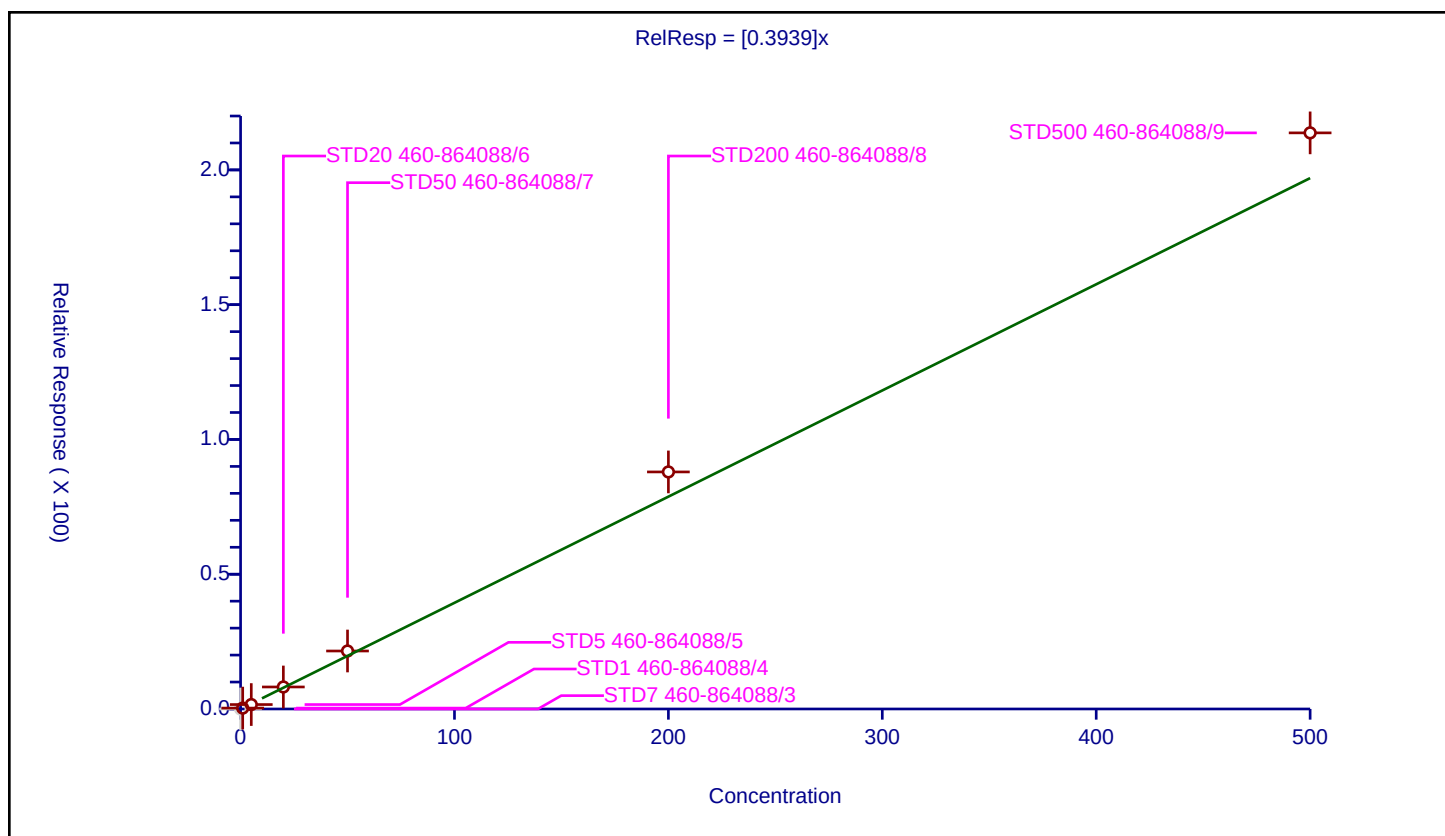
Curve Coefficients

Intercept: 0
 Slope: 0.3939

Error Coefficients

Standard Error: 1110000
 Relative Standard Error: 13.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.328912	50.0	468667.0	0.328912	Y
3	STD5 460-864088/5	5.0	1.642775	50.0	467806.0	0.328555	Y
4	STD20 460-864088/6	20.0	8.167921	50.0	474521.0	0.408396	Y
5	STD50 460-864088/7	50.0	21.517604	50.0	481845.0	0.430352	Y
6	STD200 460-864088/8	200.0	87.945182	50.0	503446.0	0.439726	Y
7	STD500 460-864088/9	500.0	213.750176	50.0	538644.0	0.4275	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

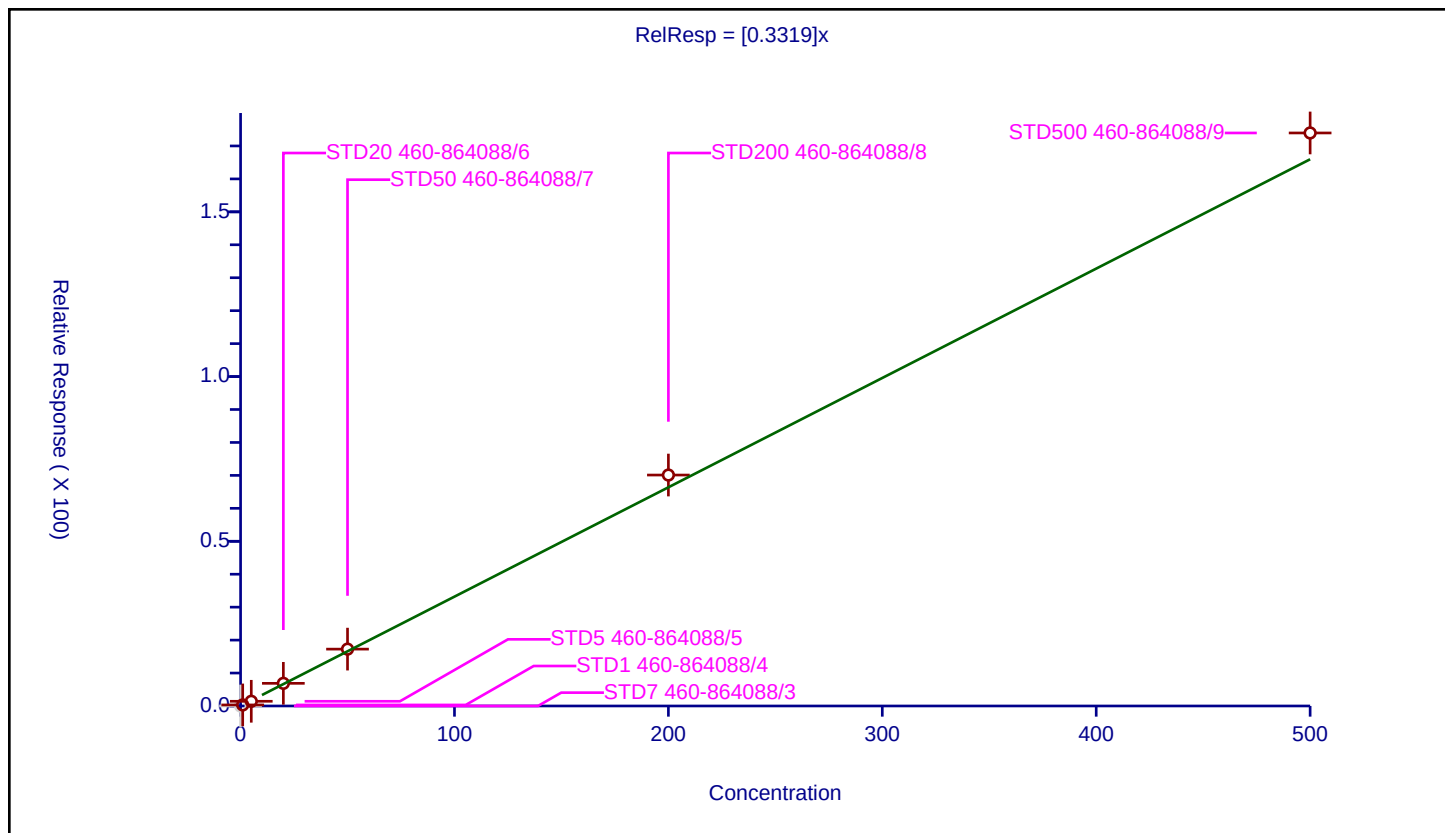
Curve Coefficients

Intercept: 0
 Slope: 0.3319

Error Coefficients

Standard Error: 899000
 Relative Standard Error: 7.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.318136	50.0	468667.0	0.318136	Y
3	STD5 460-864088/5	5.0	1.42837	50.0	467806.0	0.285674	Y
4	STD20 460-864088/6	20.0	6.879464	50.0	474521.0	0.343973	Y
5	STD50 460-864088/7	50.0	17.261256	50.0	481845.0	0.345225	Y
6	STD200 460-864088/8	200.0	70.108214	50.0	503446.0	0.350541	Y
7	STD500 460-864088/9	500.0	173.946336	50.0	538644.0	0.347893	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

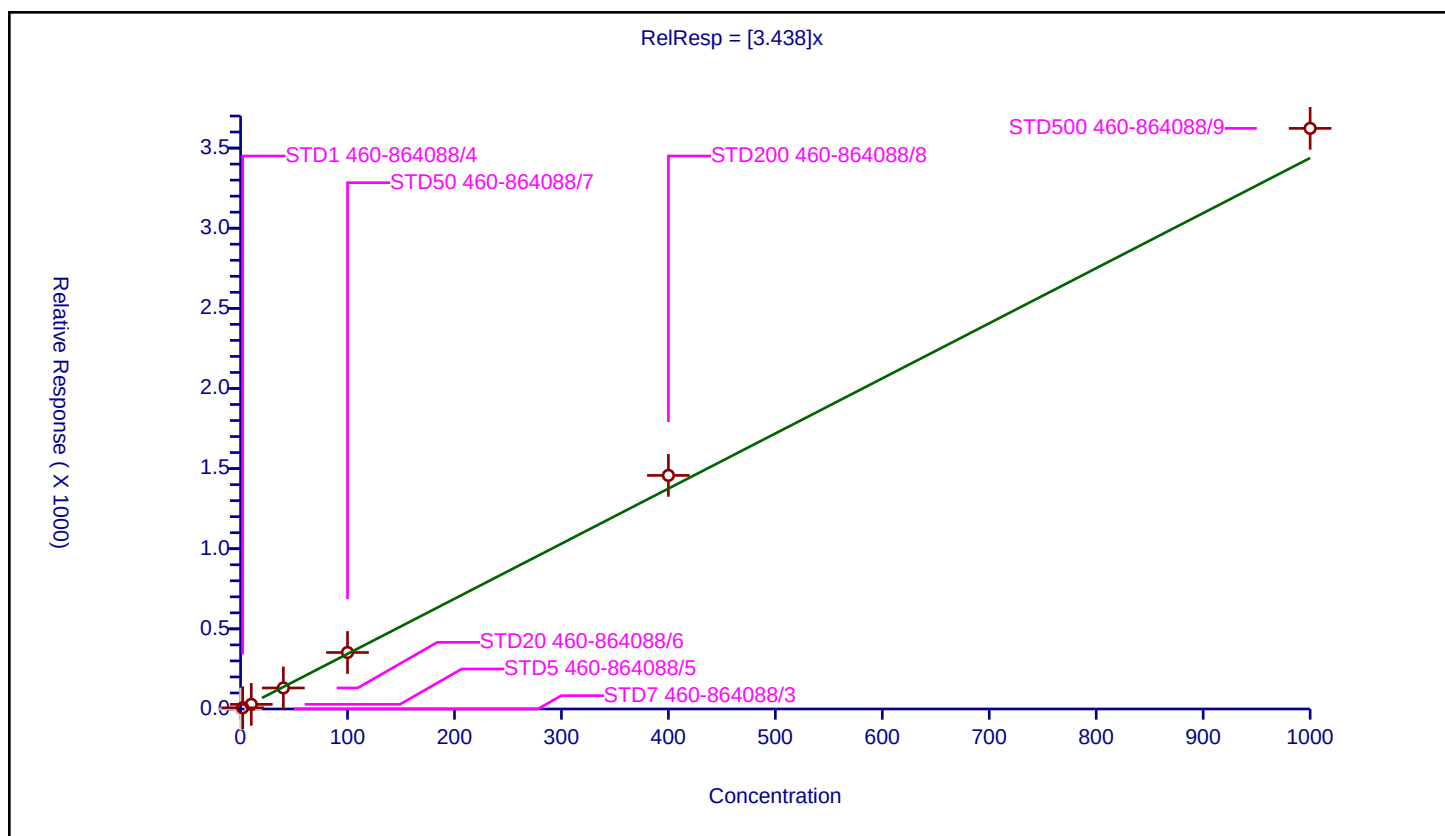
Curve Coefficients

Intercept: 0
 Slope: 3.438

Error Coefficients

Standard Error: 412000
 Relative Standard Error: 9.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	2.0	7.352676	1000.0	193807.0	3.676338	Y
3	STD5 460-864088/5	10.0	28.801082	1000.0	196694.0	2.880108	Y
4	STD20 460-864088/6	40.0	131.198175	1000.0	198143.0	3.279954	Y
5	STD50 460-864088/7	100.0	352.543772	1000.0	213148.0	3.525438	Y
6	STD200 460-864088/8	400.0	1457.600094	1000.0	221392.0	3.644	Y
7	STD500 460-864088/9	1000.0	3622.910713	1000.0	238299.0	3.622911	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

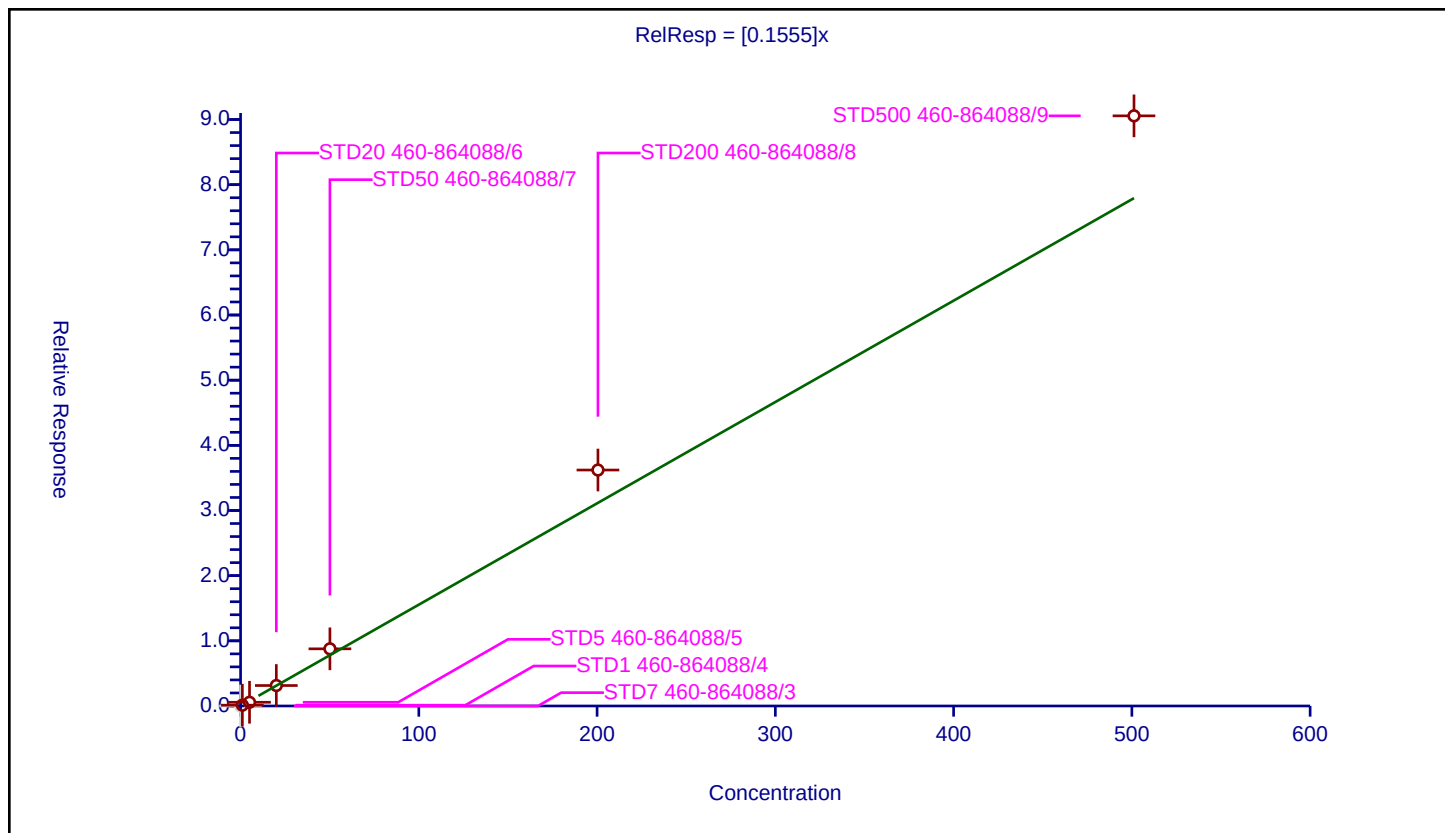
Curve Coefficients

Intercept: 0
 Slope: 0.1555

Error Coefficients

Standard Error: 467000
 Relative Standard Error: 18.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0024	0.126316	50.0	468667.0	0.126013	Y
3	STD5 460-864088/5	5.012	0.570963	50.0	467806.0	0.113919	Y
4	STD20 460-864088/6	20.048	3.141589	50.0	474521.0	0.156703	Y
5	STD50 460-864088/7	50.12	8.773153	50.0	481845.0	0.175043	Y
6	STD200 460-864088/8	200.48	36.212225	50.0	503446.0	0.180628	Y
7	STD500 460-864088/9	501.2	90.567703	50.0	538644.0	0.180702	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

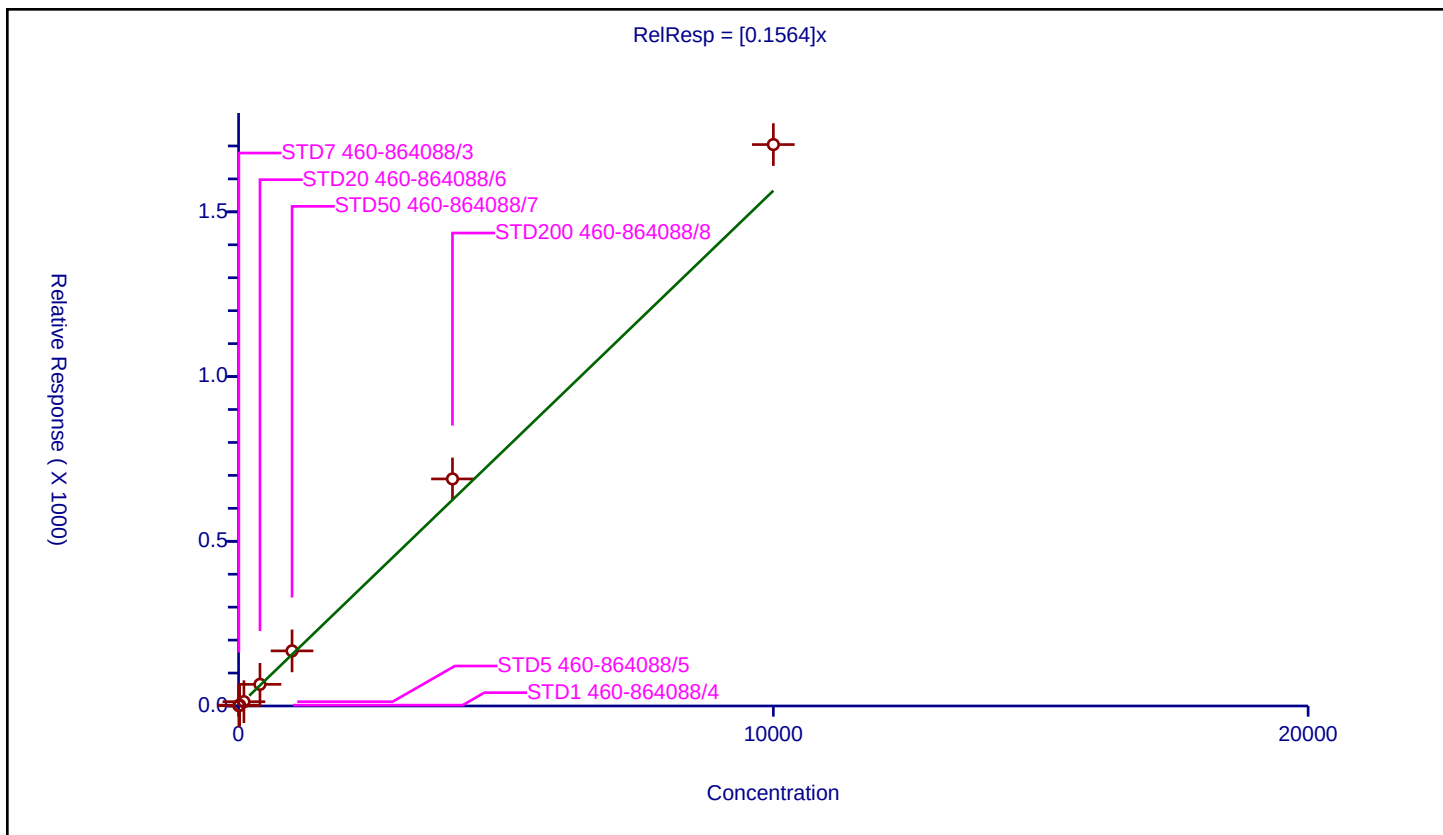
Curve Coefficients

Intercept: 0
 Slope: 0.1564

Error Coefficients

Standard Error: 1070000
 Relative Standard Error: 11.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	5.000009	0.787928	250.0	308404.0	0.157585	Y
2	STD1 460-864088/4	20.000035	2.652232	250.0	299559.0	0.132611	Y
3	STD5 460-864088/5	100.000173	13.053903	250.0	304047.0	0.130539	Y
4	STD20 460-864088/6	400.000692	65.68134	250.0	304569.0	0.164203	Y
5	STD50 460-864088/7	1000.00173	167.274376	250.0	318683.0	0.167274	Y
6	STD200 460-864088/8	4000.00692	689.248029	250.0	335199.0	0.172312	Y
7	STD500 460-864088/9	10000.0173	1704.273225	250.0	358488.0	0.170427	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

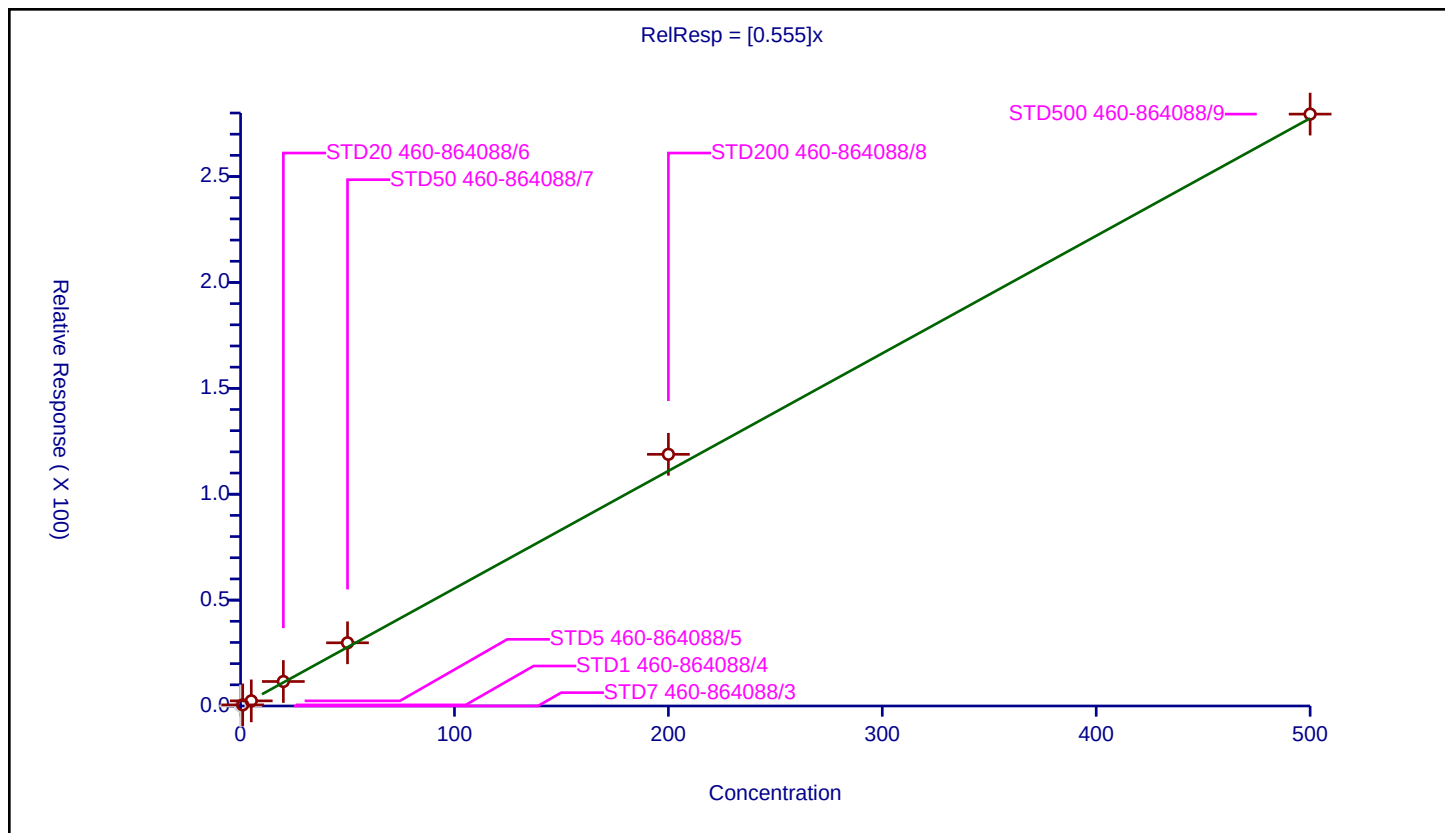
Curve Coefficients

Intercept: 0
Slope: 0.555

Error Coefficients

Standard Error: 1160000
Relative Standard Error: 8.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.517298	50.0	346899.0	0.517298	Y
3	STD5 460-864088/5	5.0	2.42386	50.0	345647.0	0.484772	Y
4	STD20 460-864088/6	20.0	11.562436	50.0	358389.0	0.578122	Y
5	STD50 460-864088/7	50.0	29.840252	50.0	362946.0	0.596805	Y
6	STD200 460-864088/8	200.0	118.833957	50.0	385389.0	0.59417	Y
7	STD500 460-864088/9	500.0	279.488375	50.0	432094.0	0.558977	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

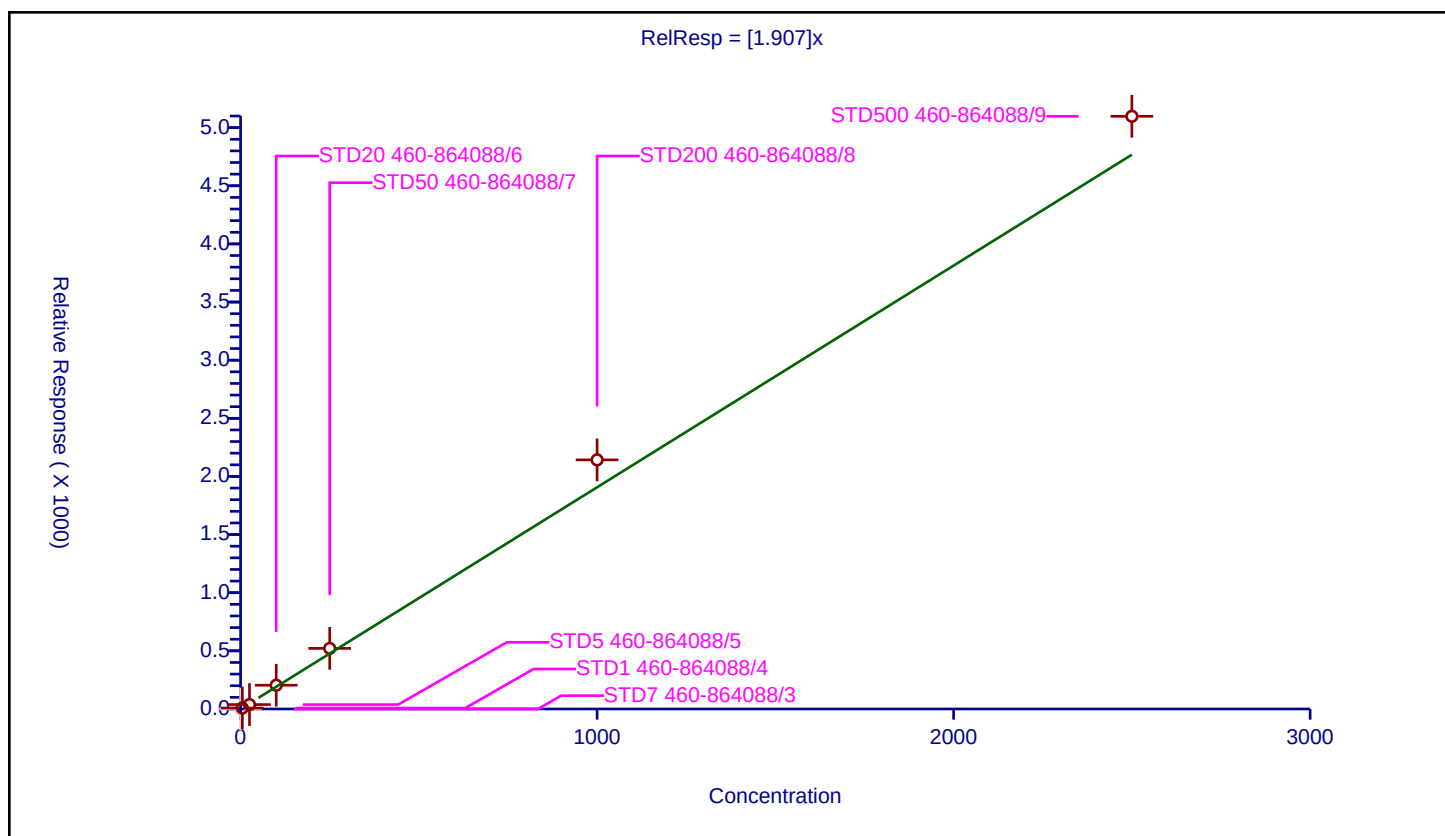
Curve Coefficients

Intercept: 0
 Slope: 1.907

Error Coefficients

Standard Error: 3520000
 Relative Standard Error: 14.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	5.0	8.061851	250.0	299559.0	1.61237	Y
3	STD5 460-864088/5	25.0	37.999059	250.0	304047.0	1.519962	Y
4	STD20 460-864088/6	100.0	204.250104	250.0	304569.0	2.042501	Y
5	STD50 460-864088/7	250.0	521.107182	250.0	318683.0	2.084429	Y
6	STD200 460-864088/8	1000.0	2142.654065	250.0	335199.0	2.142654	Y
7	STD500 460-864088/9	2500.0	5097.586251	250.0	358488.0	2.039035	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

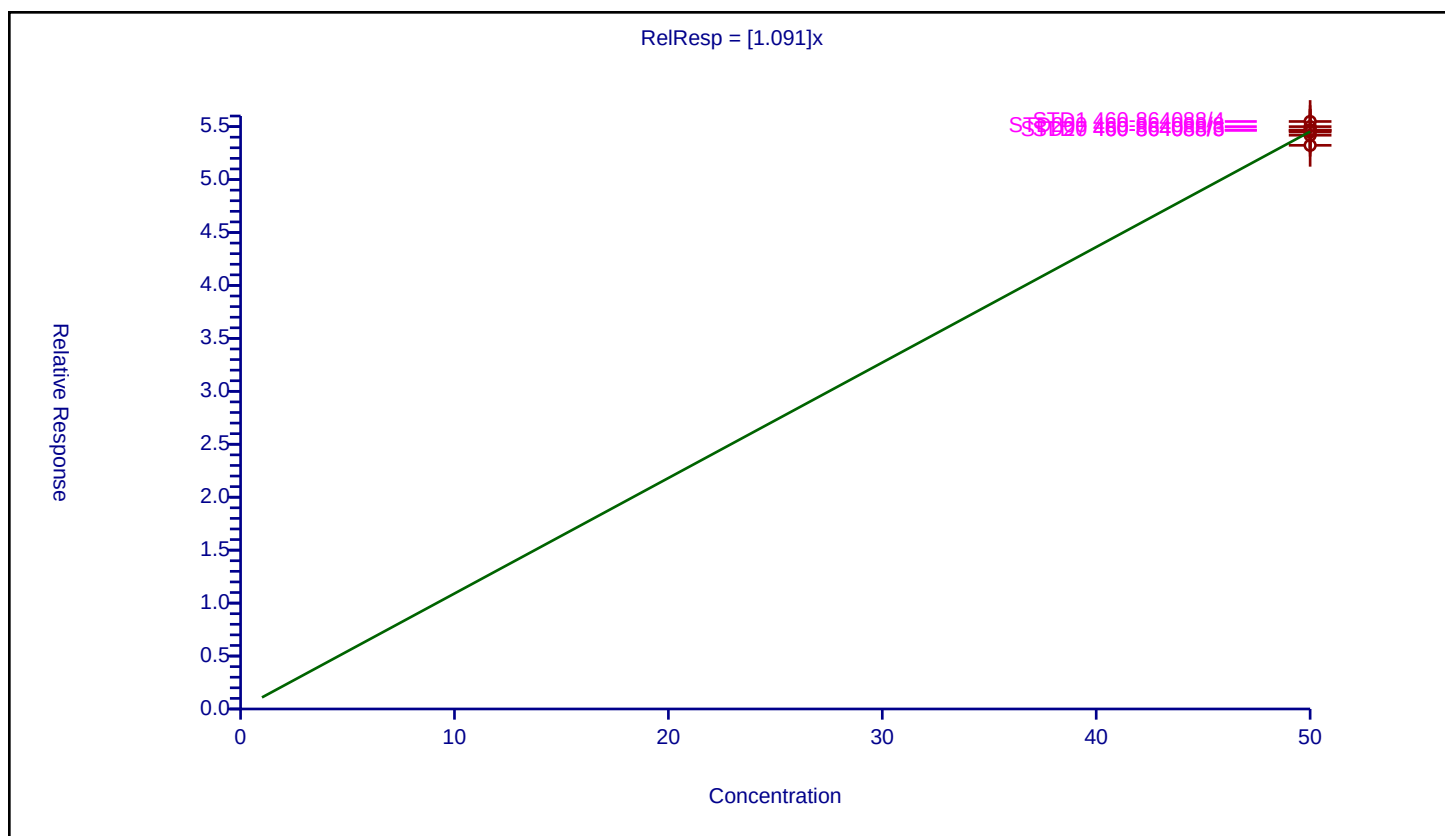
Curve Coefficients

Intercept: 0
 Slope: 1.091

Error Coefficients

Standard Error: 436000
 Relative Standard Error: 1.3
 Correlation Coefficient: 0.00000000000000000000
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	50.0	54.658035	50.0	353969.0	1.093161	Y
2	STD1 460-864088/4	50.0	55.483008	50.0	346899.0	1.10966	Y
3	STD5 460-864088/5	50.0	54.489407	50.0	345647.0	1.089788	Y
4	STD20 460-864088/6	50.0	54.663648	50.0	358389.0	1.093273	Y
5	STD50 460-864088/7	50.0	54.183956	50.0	362946.0	1.083679	Y
6	STD200 460-864088/8	50.0	54.997937	50.0	385389.0	1.099959	Y
7	STD500 460-864088/9	50.0	53.23182	50.0	432094.0	1.064636	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

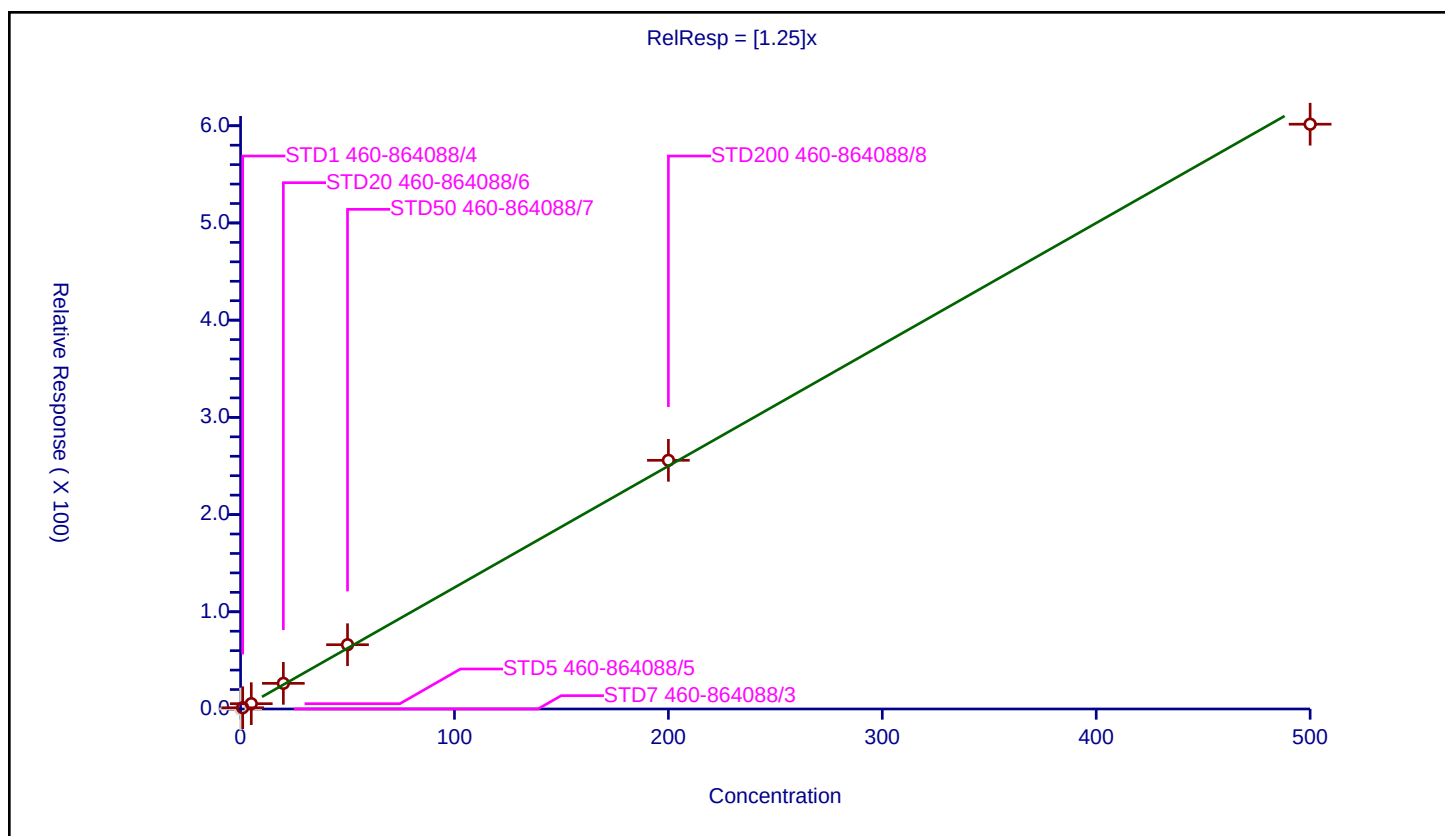
Curve Coefficients

Intercept: 0
Slope: 1.25

Error Coefficients

Standard Error: 2500000
Relative Standard Error: 6.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	1.27847	50.0	346899.0	1.27847	Y
3	STD5 460-864088/5	5.0	5.485654	50.0	345647.0	1.097131	Y
4	STD20 460-864088/6	20.0	26.365904	50.0	358389.0	1.318295	Y
5	STD50 460-864088/7	50.0	66.12182	50.0	362946.0	1.322436	Y
6	STD200 460-864088/8	200.0	255.825283	50.0	385389.0	1.279126	Y
7	STD500 460-864088/9	500.0	601.572112	50.0	432094.0	1.203144	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

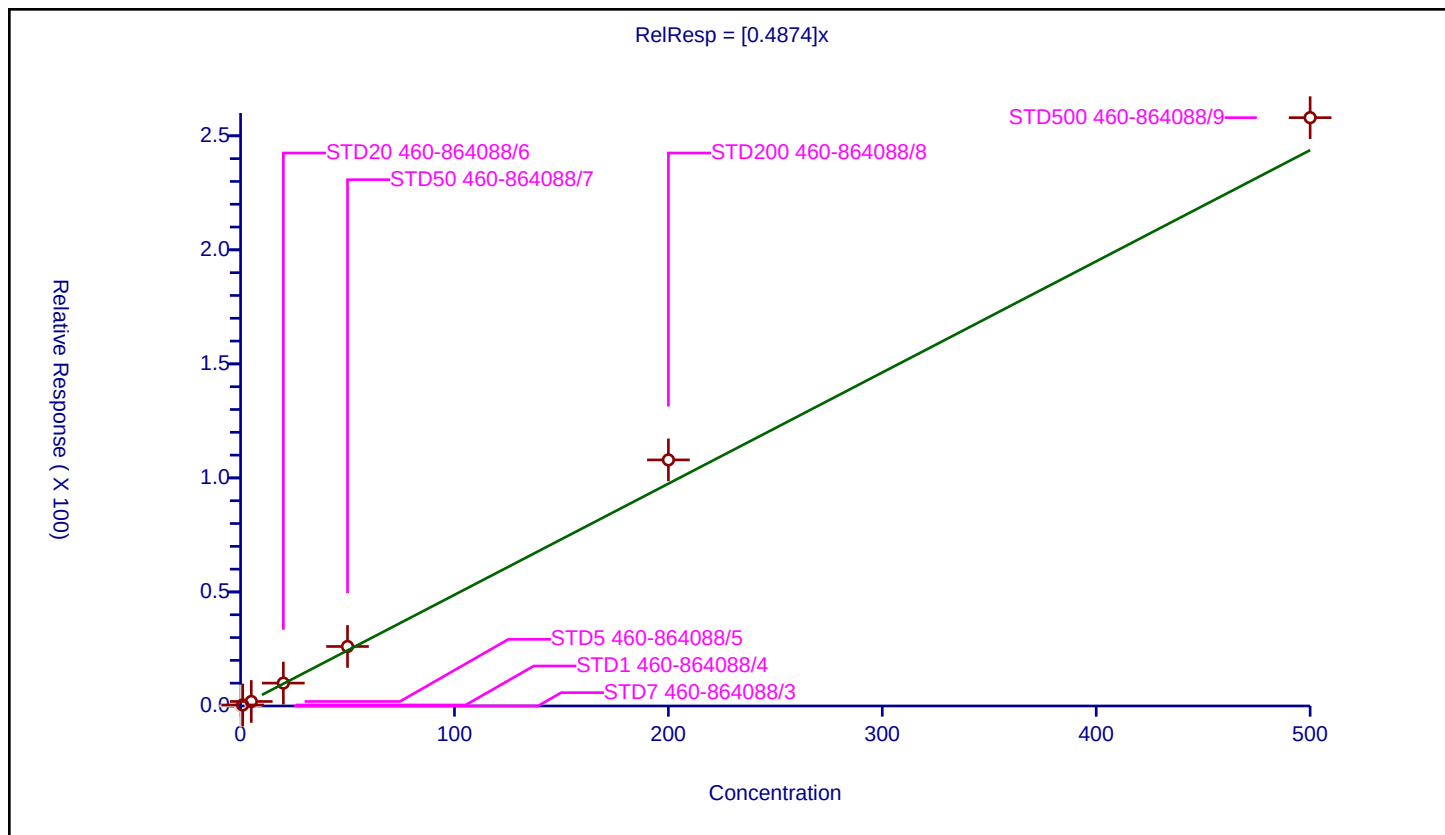
Curve Coefficients

Intercept: 0
 Slope: 0.4874

Error Coefficients

Standard Error: 1070000
 Relative Standard Error: 11.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.450131	50.0	346899.0	0.450131	Y
3	STD5 460-864088/5	5.0	1.976149	50.0	345647.0	0.39523	Y
4	STD20 460-864088/6	20.0	10.038952	50.0	358389.0	0.501948	Y
5	STD50 460-864088/7	50.0	26.088592	50.0	362946.0	0.521772	Y
6	STD200 460-864088/8	200.0	107.904351	50.0	385389.0	0.539522	Y
7	STD500 460-864088/9	500.0	257.965859	50.0	432094.0	0.515932	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

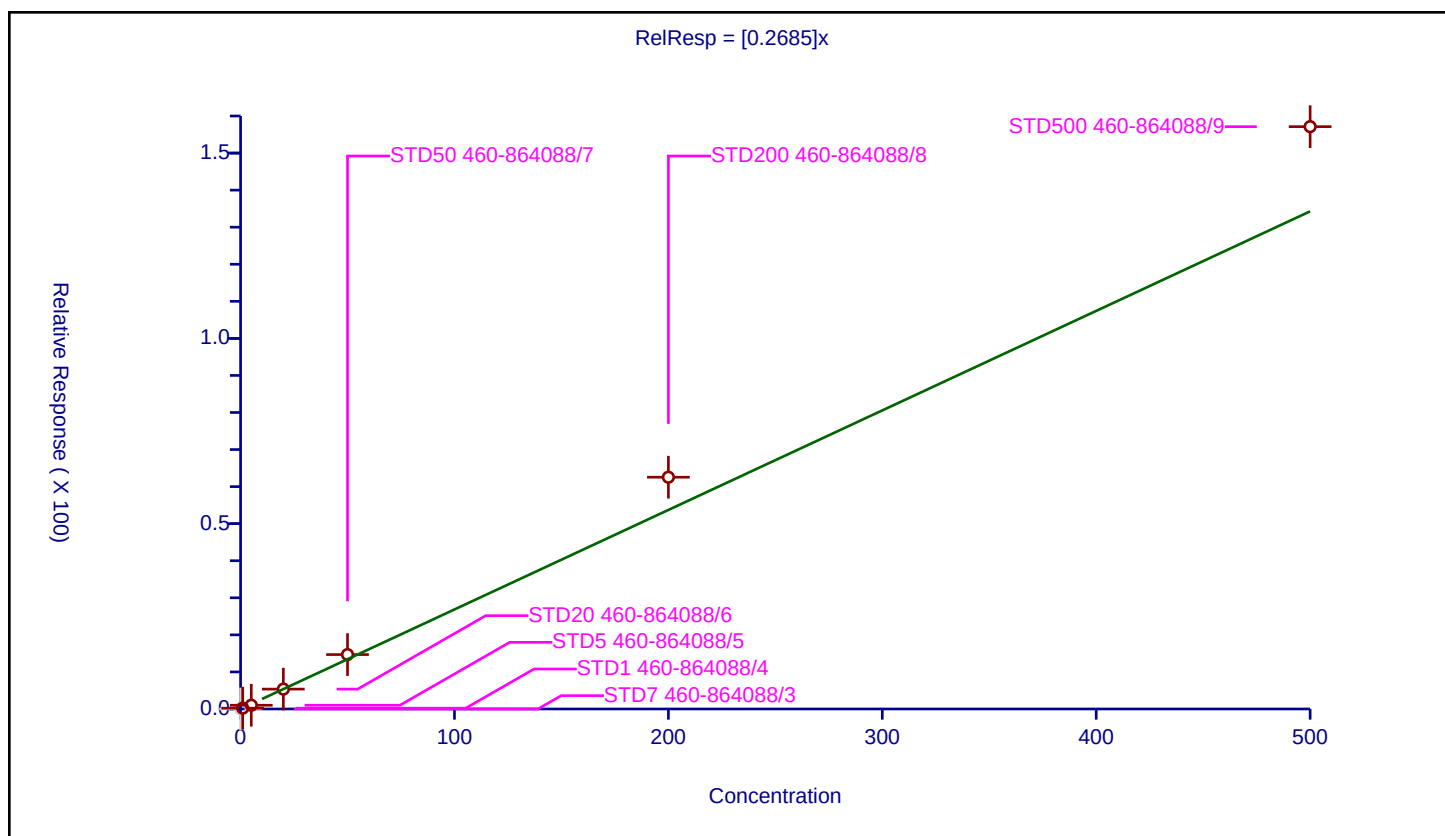
Curve Coefficients

Intercept: 0
 Slope: 0.2685

Error Coefficients

Standard Error: 810000
 Relative Standard Error: 17.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.220412	50.0	468667.0	0.220412	Y
3	STD5 460-864088/5	5.0	1.00982	50.0	467806.0	0.201964	Y
4	STD20 460-864088/6	20.0	5.366254	50.0	474521.0	0.268313	Y
5	STD50 460-864088/7	50.0	14.679098	50.0	481845.0	0.293582	Y
6	STD200 460-864088/8	200.0	62.541067	50.0	503446.0	0.312705	Y
7	STD500 460-864088/9	500.0	157.13189	50.0	538644.0	0.314264	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

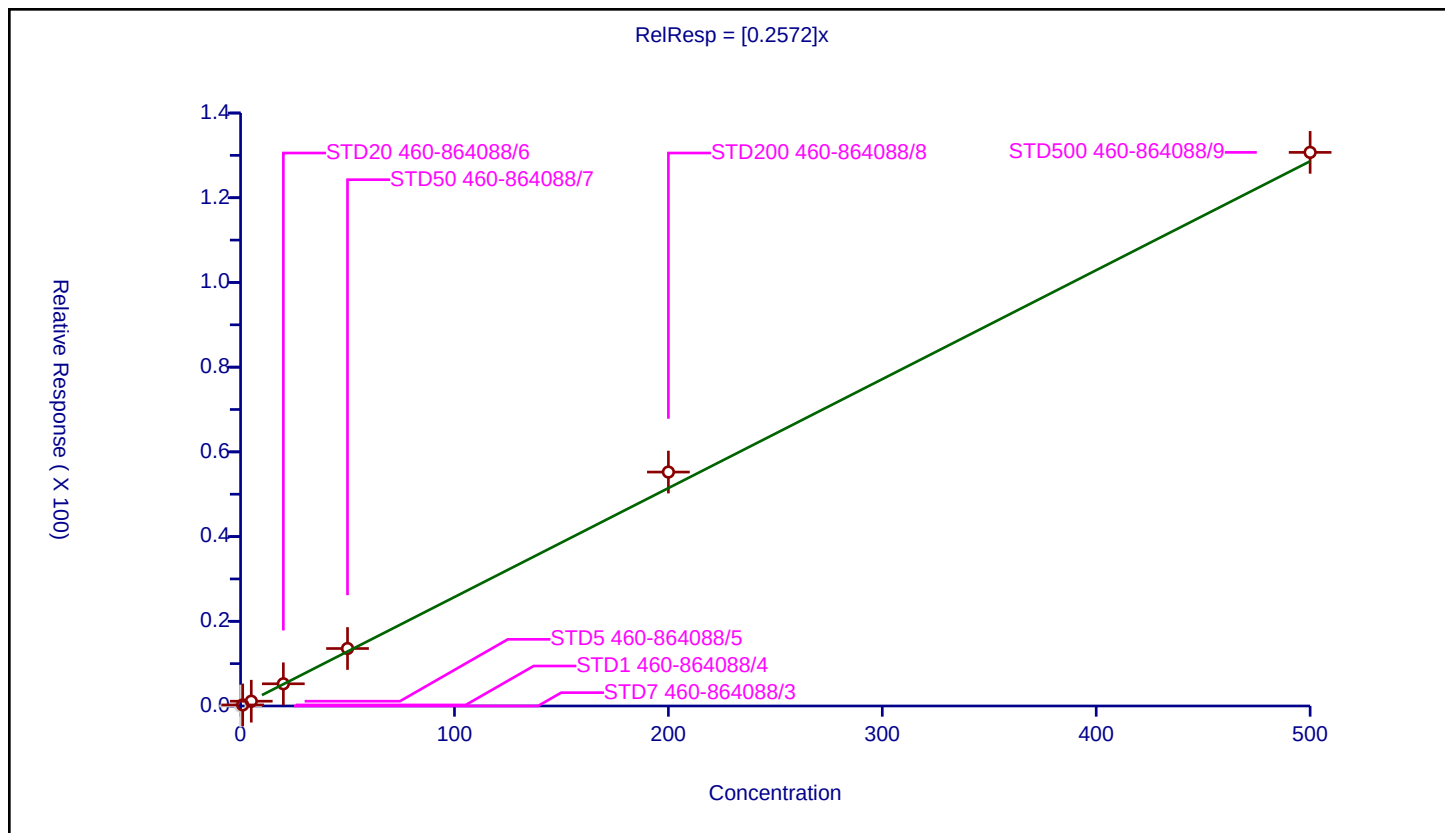
Curve Coefficients

Intercept: 0
 Slope: 0.2572

Error Coefficients

Standard Error: 542000
 Relative Standard Error: 7.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.245893	50.0	346899.0	0.245893	Y
3	STD5 460-864088/5	5.0	1.131501	50.0	345647.0	0.2263	Y
4	STD20 460-864088/6	20.0	5.242906	50.0	358389.0	0.262145	Y
5	STD50 460-864088/7	50.0	13.571991	50.0	362946.0	0.27144	Y
6	STD200 460-864088/8	200.0	55.232765	50.0	385389.0	0.276164	Y
7	STD500 460-864088/9	500.0	130.709059	50.0	432094.0	0.261418	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

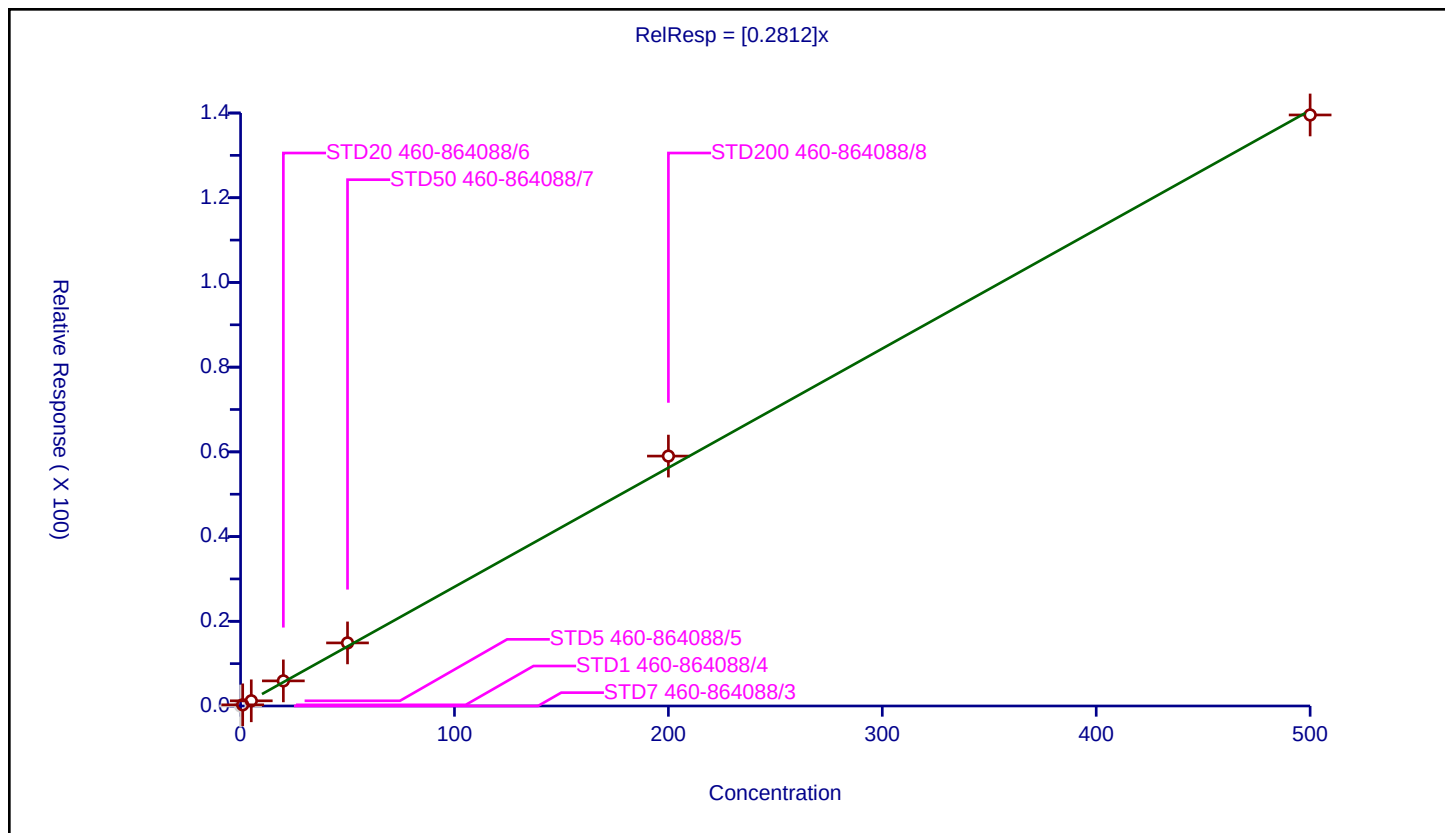
Curve Coefficients

Intercept: 0
 Slope: 0.2812

Error Coefficients

Standard Error: 579000
 Relative Standard Error: 7.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.274431	50.0	346899.0	0.274431	Y
3	STD5 460-864088/5	5.0	1.222924	50.0	345647.0	0.244585	Y
4	STD20 460-864088/6	20.0	5.930707	50.0	358389.0	0.296535	Y
5	STD50 460-864088/7	50.0	14.891747	50.0	362946.0	0.297835	Y
6	STD200 460-864088/8	200.0	59.004668	50.0	385389.0	0.295023	Y
7	STD500 460-864088/9	500.0	139.539892	50.0	432094.0	0.27908	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

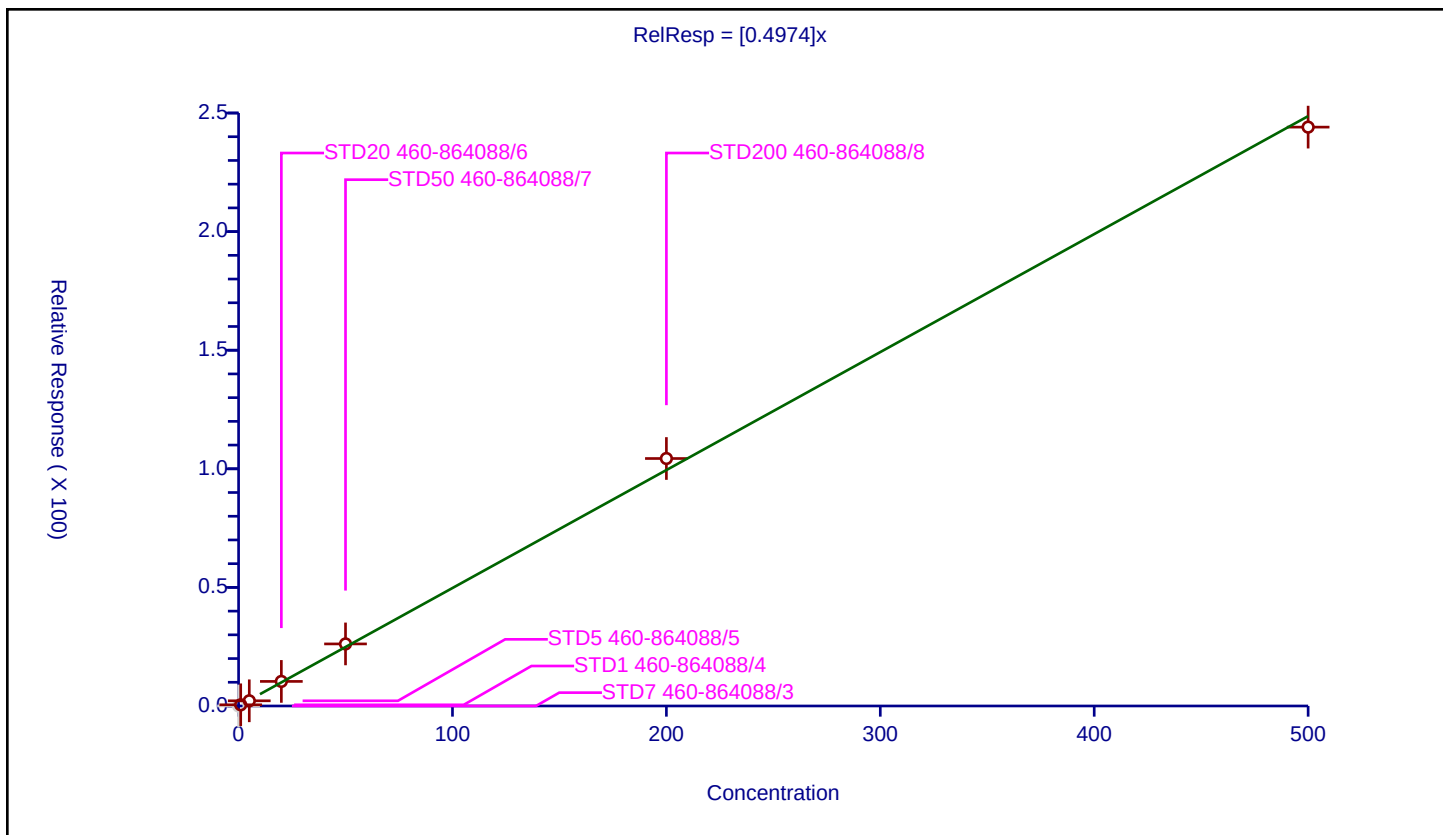
Curve Coefficients

Intercept: 0
 Slope: 0.4974

Error Coefficients

Standard Error: 1010000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.496542	50.0	346899.0	0.496542	Y
3	STD5 460-864088/5	5.0	2.18185	50.0	345647.0	0.43637	Y
4	STD20 460-864088/6	20.0	10.361925	50.0	358389.0	0.518096	Y
5	STD50 460-864088/7	50.0	26.165738	50.0	362946.0	0.523315	Y
6	STD200 460-864088/8	200.0	104.339901	50.0	385389.0	0.5217	Y
7	STD500 460-864088/9	500.0	244.048286	50.0	432094.0	0.488097	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

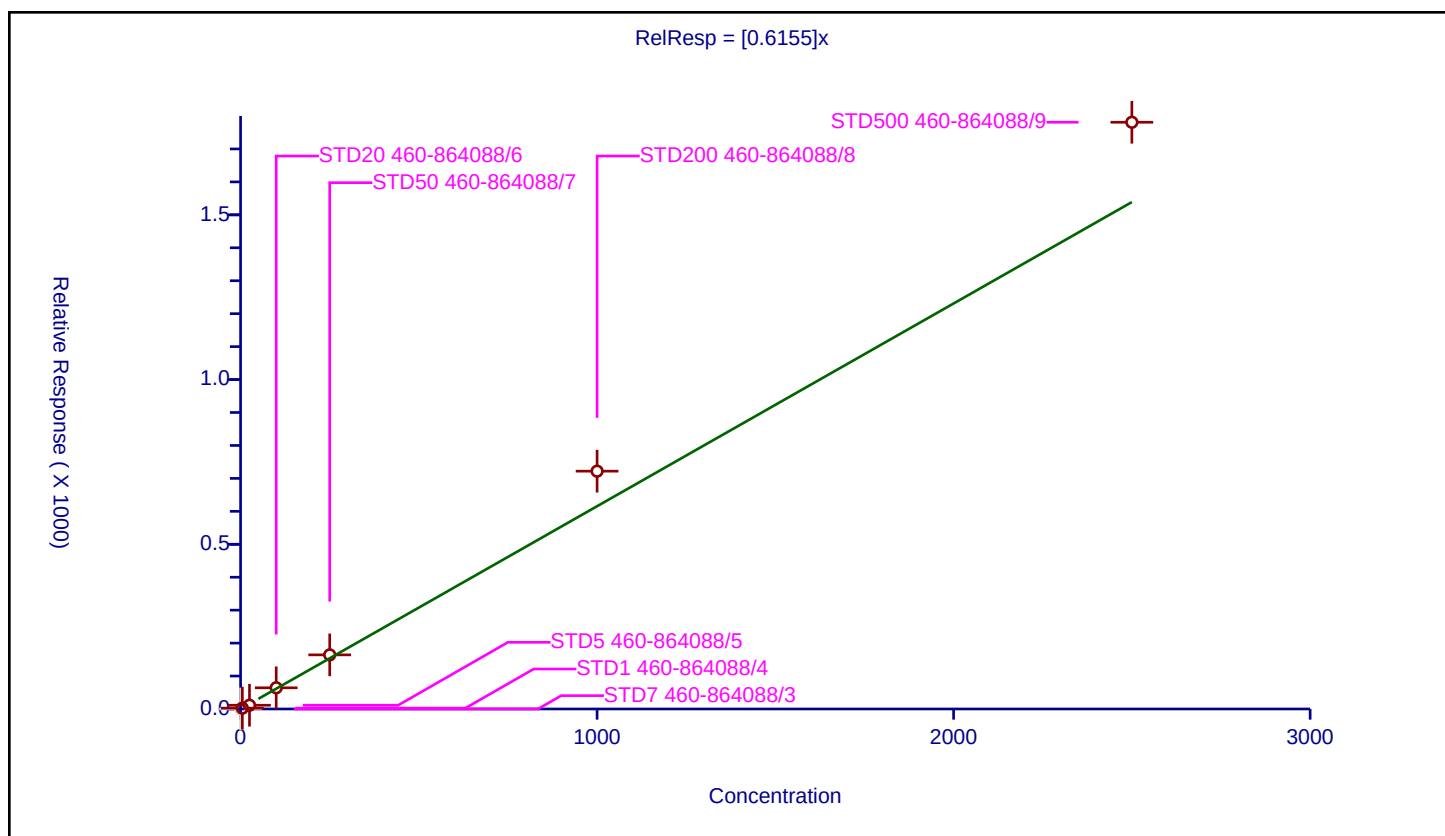
Curve Coefficients

Intercept: 0
Slope: 0.6155

Error Coefficients

Standard Error: 1220000
Relative Standard Error: 18.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	5.0	2.511191	250.0	299559.0	0.502238	Y
3	STD5 460-864088/5	25.0	11.407776	250.0	304047.0	0.456311	Y
4	STD20 460-864088/6	100.0	64.276075	250.0	304569.0	0.642761	Y
5	STD50 460-864088/7	250.0	164.290219	250.0	318683.0	0.657161	Y
6	STD200 460-864088/8	1000.0	721.958449	250.0	335199.0	0.721958	Y
7	STD500 460-864088/9	2500.0	1781.054735	250.0	358488.0	0.712422	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

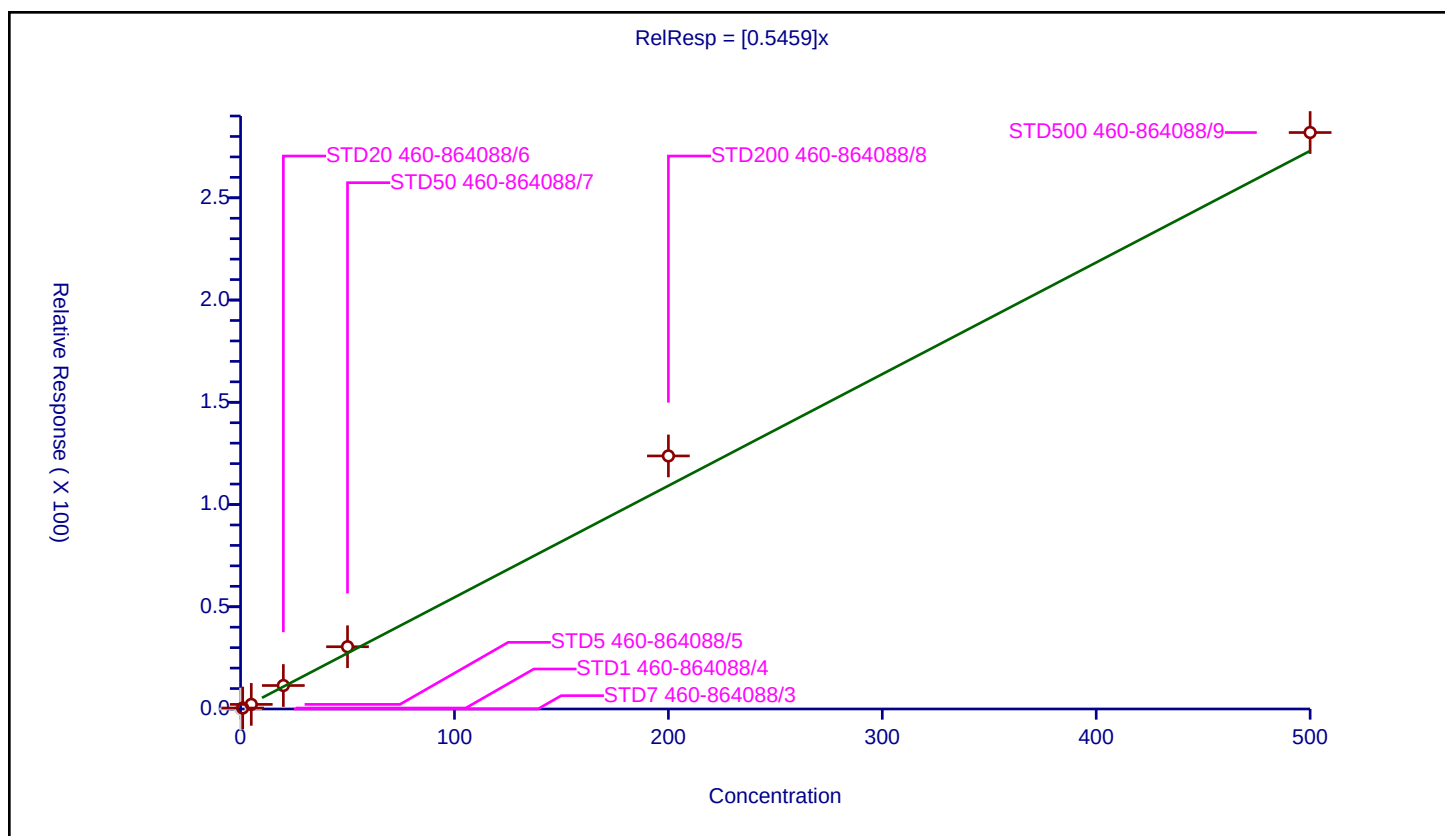
Curve Coefficients

Intercept: 0
 Slope: 0.5459

Error Coefficients

Standard Error: 1170000
 Relative Standard Error: 13.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.459932	50.0	346899.0	0.459932	Y
3	STD5 460-864088/5	5.0	2.248247	50.0	345647.0	0.449649	Y
4	STD20 460-864088/6	20.0	11.483472	50.0	358389.0	0.574174	Y
5	STD50 460-864088/7	50.0	30.452051	50.0	362946.0	0.609041	Y
6	STD200 460-864088/8	200.0	123.760668	50.0	385389.0	0.618803	Y
7	STD500 460-864088/9	500.0	281.926849	50.0	432094.0	0.563854	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

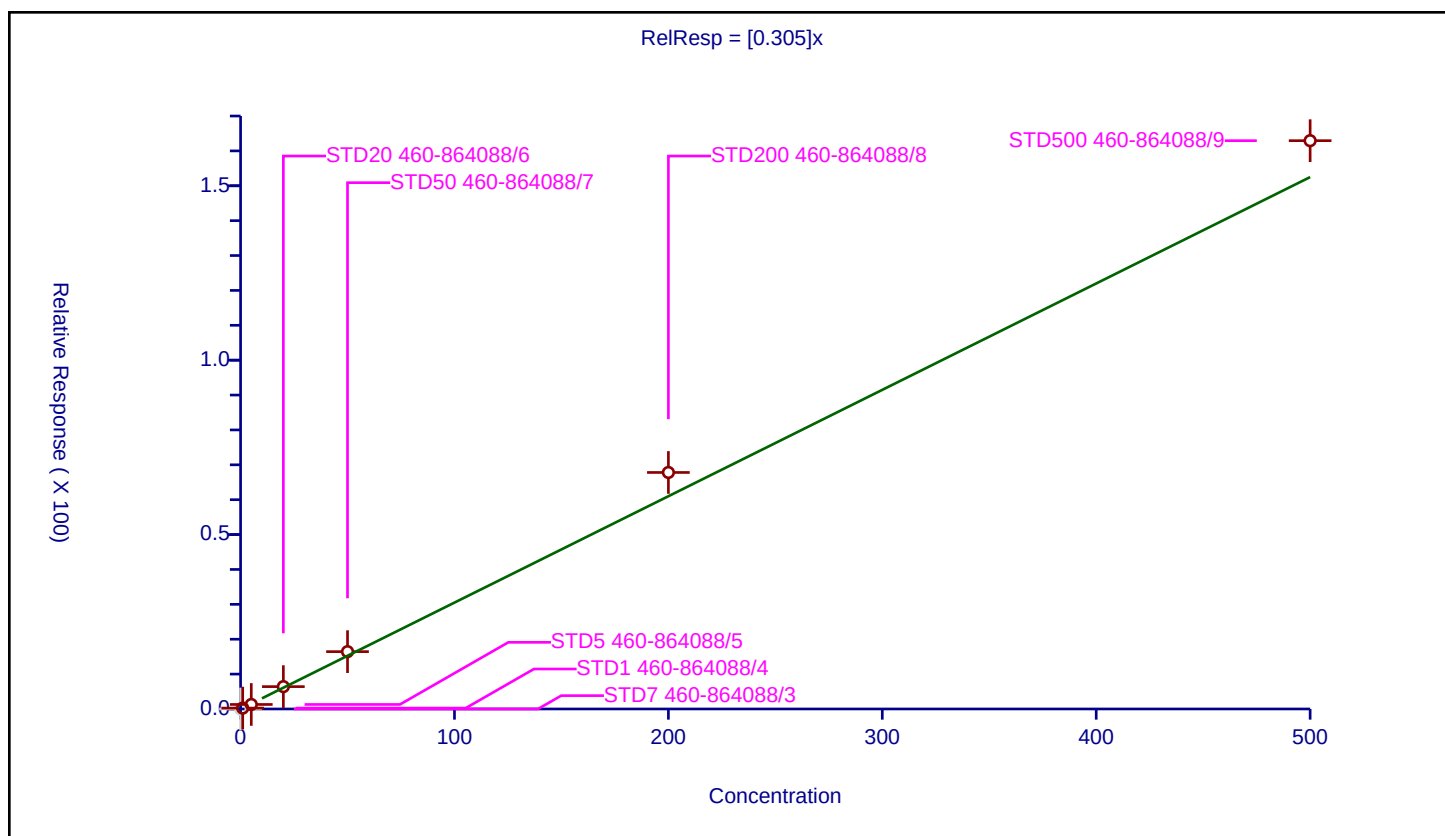
Curve Coefficients

Intercept: 0
 Slope: 0.305

Error Coefficients

Standard Error: 674000
 Relative Standard Error: 12.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.257135	50.0	346899.0	0.257135	Y
3	STD5 460-864088/5	5.0	1.293661	50.0	345647.0	0.258732	Y
4	STD20 460-864088/6	20.0	6.406586	50.0	358389.0	0.320329	Y
5	STD50 460-864088/7	50.0	16.437294	50.0	362946.0	0.328746	Y
6	STD200 460-864088/8	200.0	67.806943	50.0	385389.0	0.339035	Y
7	STD500 460-864088/9	500.0	162.926817	50.0	432094.0	0.325854	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

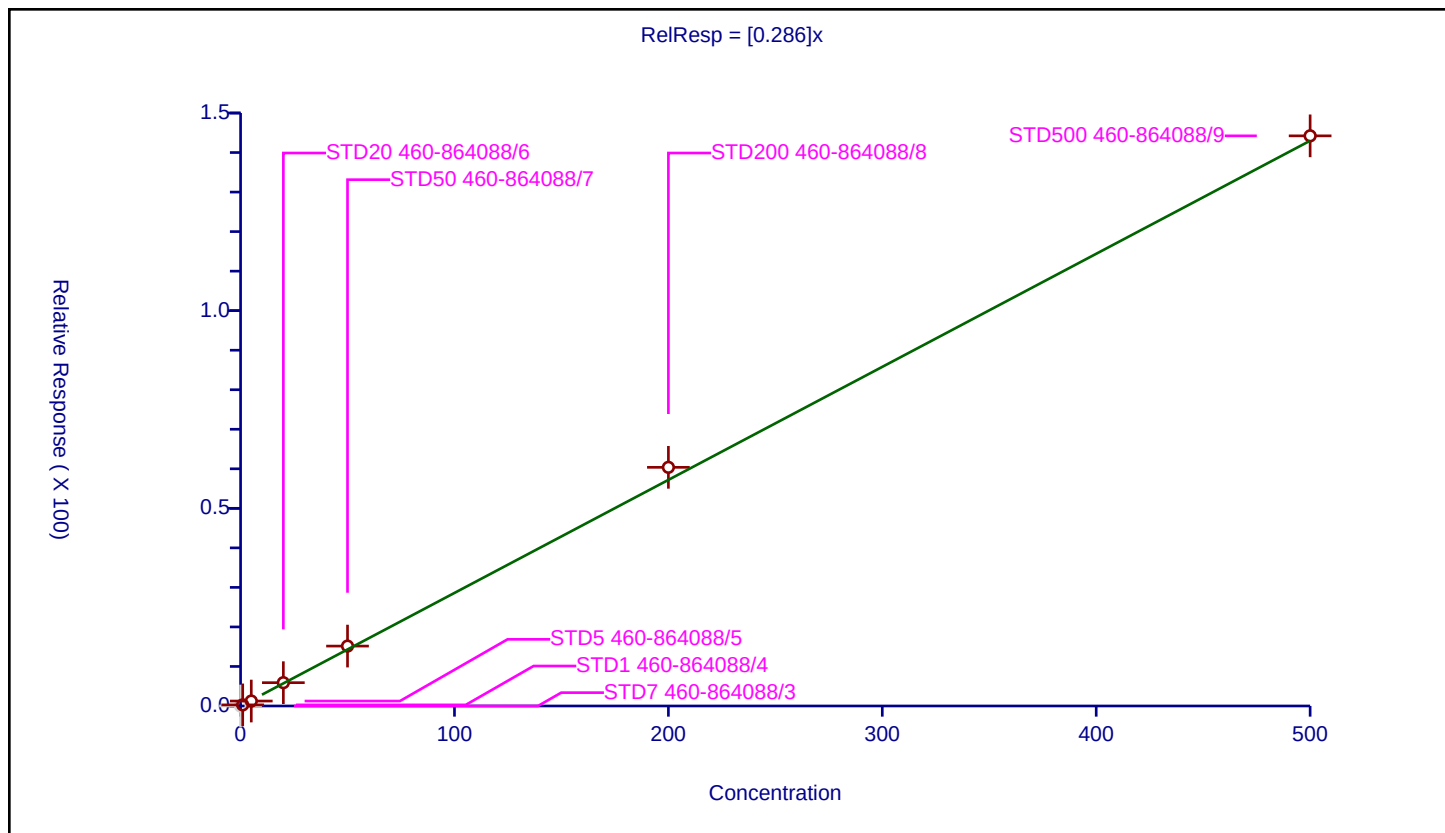
Curve Coefficients

Intercept: 0
 Slope: 0.286

Error Coefficients

Standard Error: 597000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.276882	50.0	346899.0	0.276882	Y
3	STD5 460-864088/5	5.0	1.252723	50.0	345647.0	0.250545	Y
4	STD20 460-864088/6	20.0	5.898898	50.0	358389.0	0.294945	Y
5	STD50 460-864088/7	50.0	15.1568	50.0	362946.0	0.303136	Y
6	STD200 460-864088/8	200.0	60.371339	50.0	385389.0	0.301857	Y
7	STD500 460-864088/9	500.0	144.223016	50.0	432094.0	0.288446	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

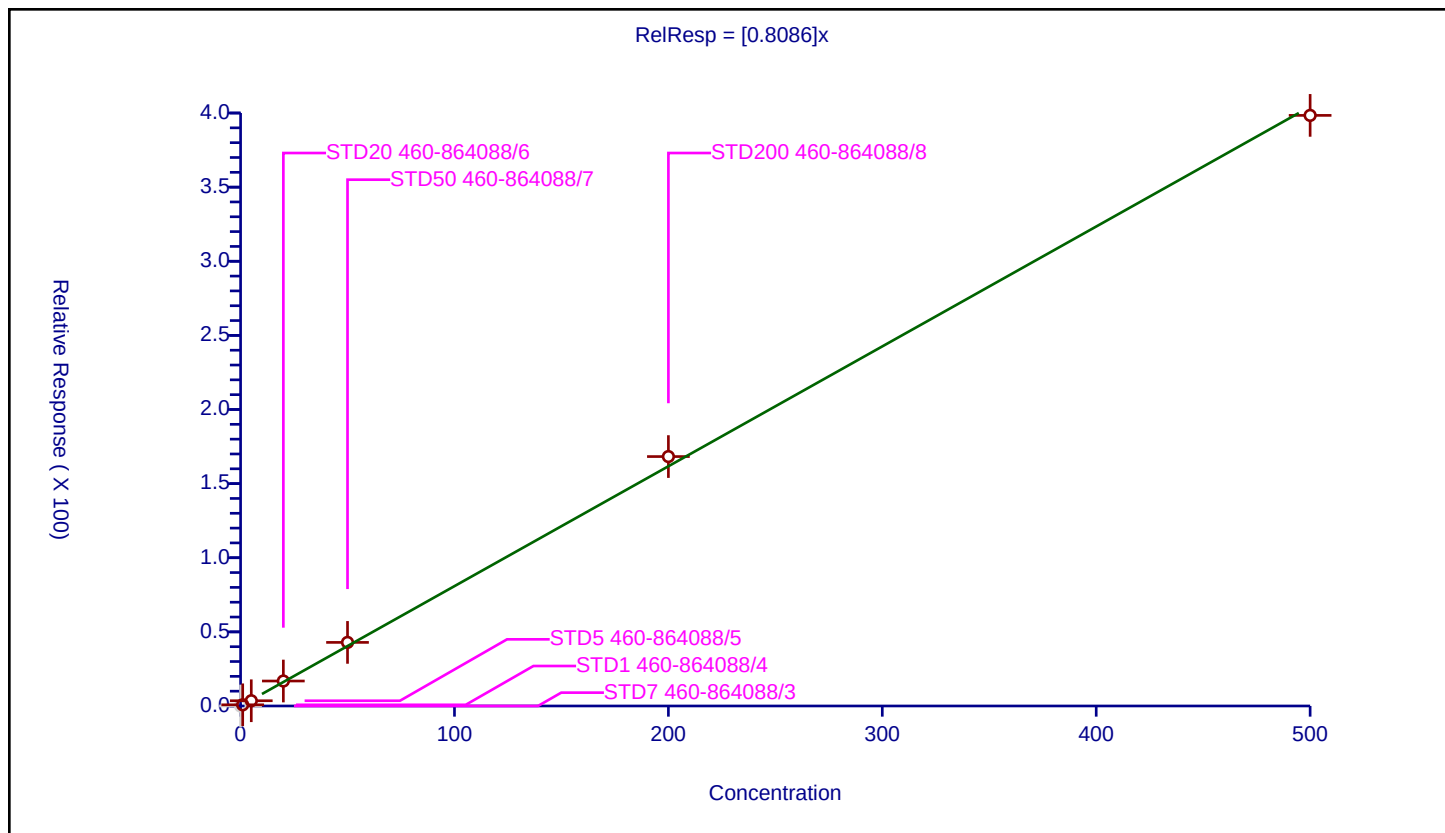
Curve Coefficients

Intercept: 0
 Slope: 0.8086

Error Coefficients

Standard Error: 1650000
 Relative Standard Error: 6.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.805854	50.0	346899.0	0.805854	Y
3	STD5 460-864088/5	5.0	3.535254	50.0	345647.0	0.707051	Y
4	STD20 460-864088/6	20.0	16.850964	50.0	358389.0	0.842548	Y
5	STD50 460-864088/7	50.0	42.891229	50.0	362946.0	0.857825	Y
6	STD200 460-864088/8	200.0	168.263235	50.0	385389.0	0.841316	Y
7	STD500 460-864088/9	500.0	398.391901	50.0	432094.0	0.796784	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

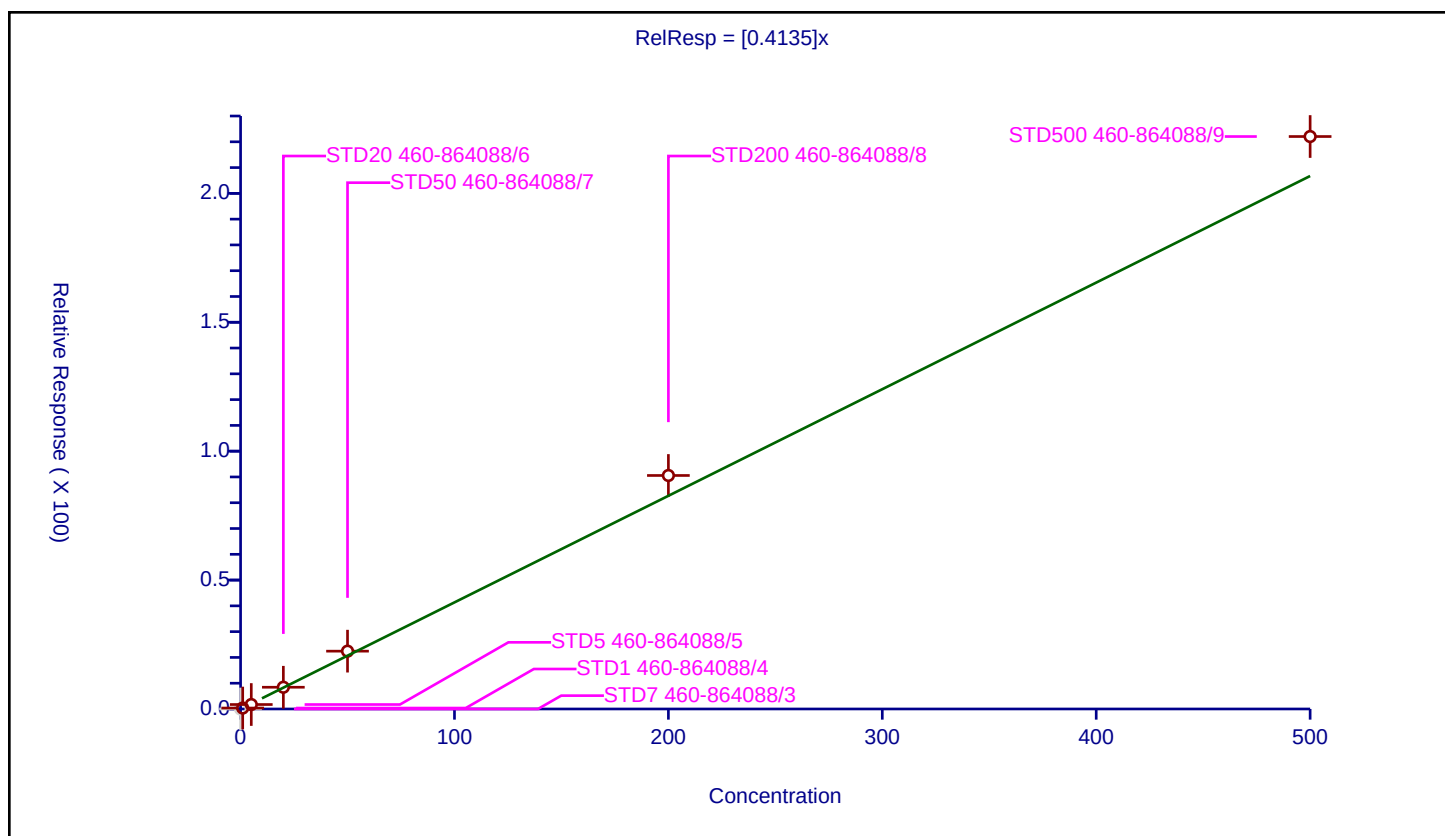
Curve Coefficients

Intercept: 0
Slope: 0.4135

Error Coefficients

Standard Error: 916000
Relative Standard Error: 11.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.367542	50.0	346899.0	0.367542	Y
3	STD5 460-864088/5	5.0	1.728642	50.0	345647.0	0.345728	Y
4	STD20 460-864088/6	20.0	8.436782	50.0	358389.0	0.421839	Y
5	STD50 460-864088/7	50.0	22.434054	50.0	362946.0	0.448681	Y
6	STD200 460-864088/8	200.0	90.569918	50.0	385389.0	0.45285	Y
7	STD500 460-864088/9	500.0	222.044509	50.0	432094.0	0.444089	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

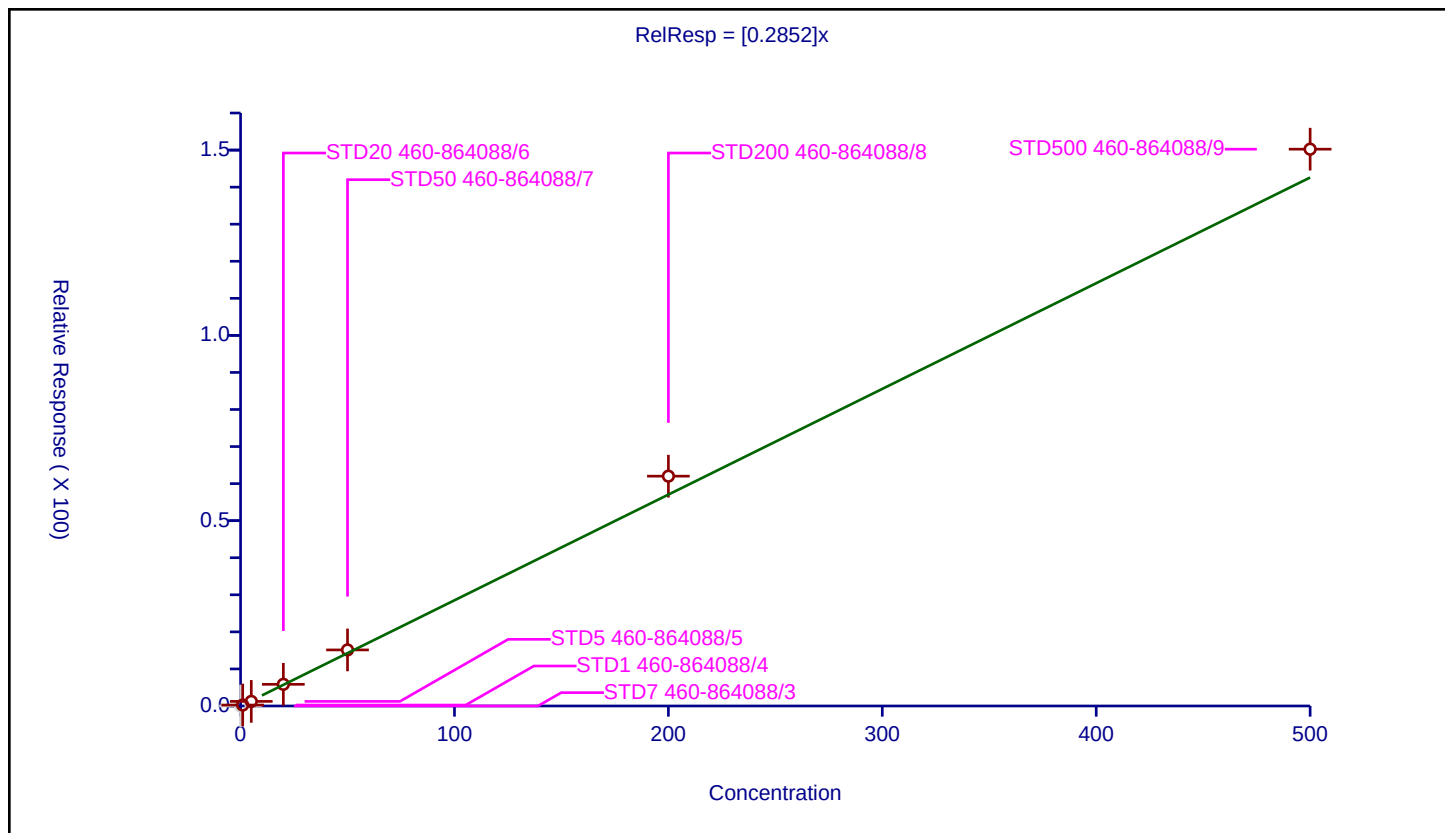
Curve Coefficients

Intercept: 0
 Slope: 0.2852

Error Coefficients

Standard Error: 621000
 Relative Standard Error: 9.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.256991	50.0	346899.0	0.256991	Y
3	STD5 460-864088/5	5.0	1.243031	50.0	345647.0	0.248606	Y
4	STD20 460-864088/6	20.0	5.848812	50.0	358389.0	0.292441	Y
5	STD50 460-864088/7	50.0	15.128421	50.0	362946.0	0.302568	Y
6	STD200 460-864088/8	200.0	62.013187	50.0	385389.0	0.310066	Y
7	STD500 460-864088/9	500.0	150.244738	50.0	432094.0	0.300489	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

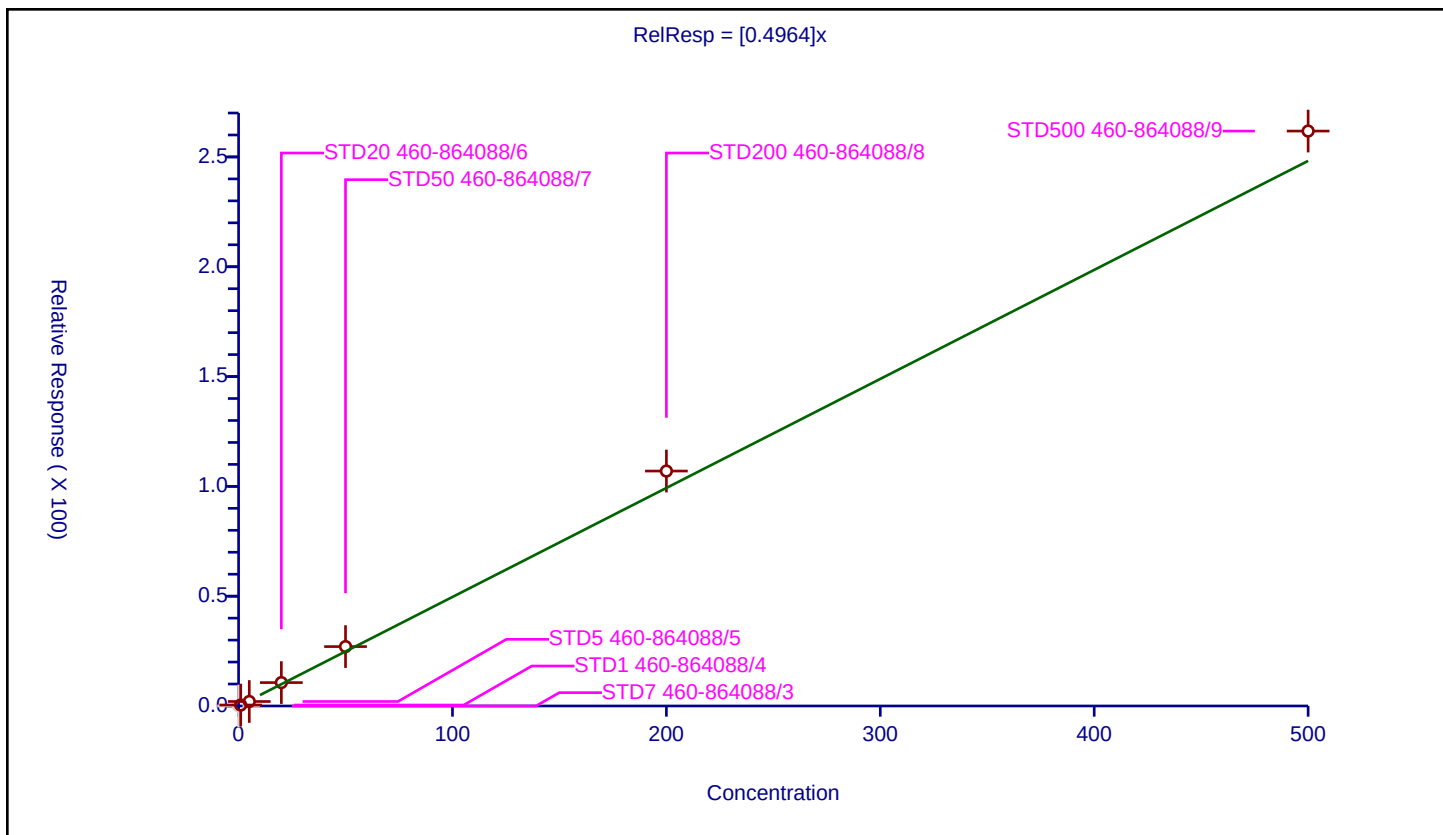
Curve Coefficients

Intercept: 0
 Slope: 0.4964

Error Coefficients

Standard Error: 1080000
 Relative Standard Error: 11.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.437015	50.0	346899.0	0.437015	Y
3	STD5 460-864088/5	5.0	2.047609	50.0	345647.0	0.409522	Y
4	STD20 460-864088/6	20.0	10.65295	50.0	358389.0	0.532647	Y
5	STD50 460-864088/7	50.0	27.043555	50.0	362946.0	0.540871	Y
6	STD200 460-864088/8	200.0	106.97503	50.0	385389.0	0.534875	Y
7	STD500 460-864088/9	500.0	261.775678	50.0	432094.0	0.523551	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

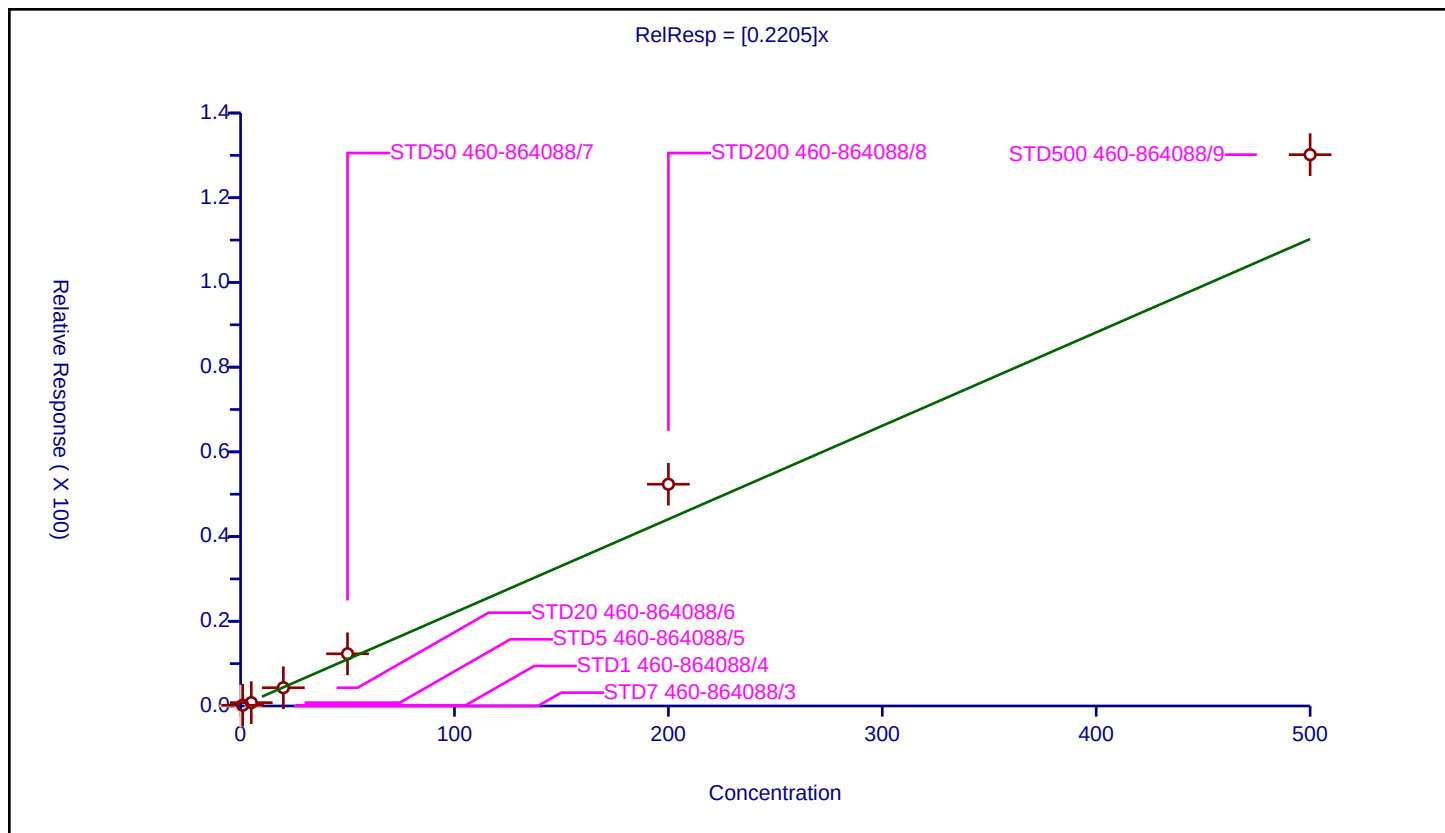
Curve Coefficients

Intercept: 0
 Slope: 0.2205

Error Coefficients

Standard Error: 536000
 Relative Standard Error: 19.7
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.180456	50.0	346899.0	0.180456	Y
3	STD5 460-864088/5	5.0	0.793006	50.0	345647.0	0.158601	Y
4	STD20 460-864088/6	20.0	4.307749	50.0	358389.0	0.215387	Y
5	STD50 460-864088/7	50.0	12.324147	50.0	362946.0	0.246483	Y
6	STD200 460-864088/8	200.0	52.357618	50.0	385389.0	0.261788	Y
7	STD500 460-864088/9	500.0	130.168088	50.0	432094.0	0.260336	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

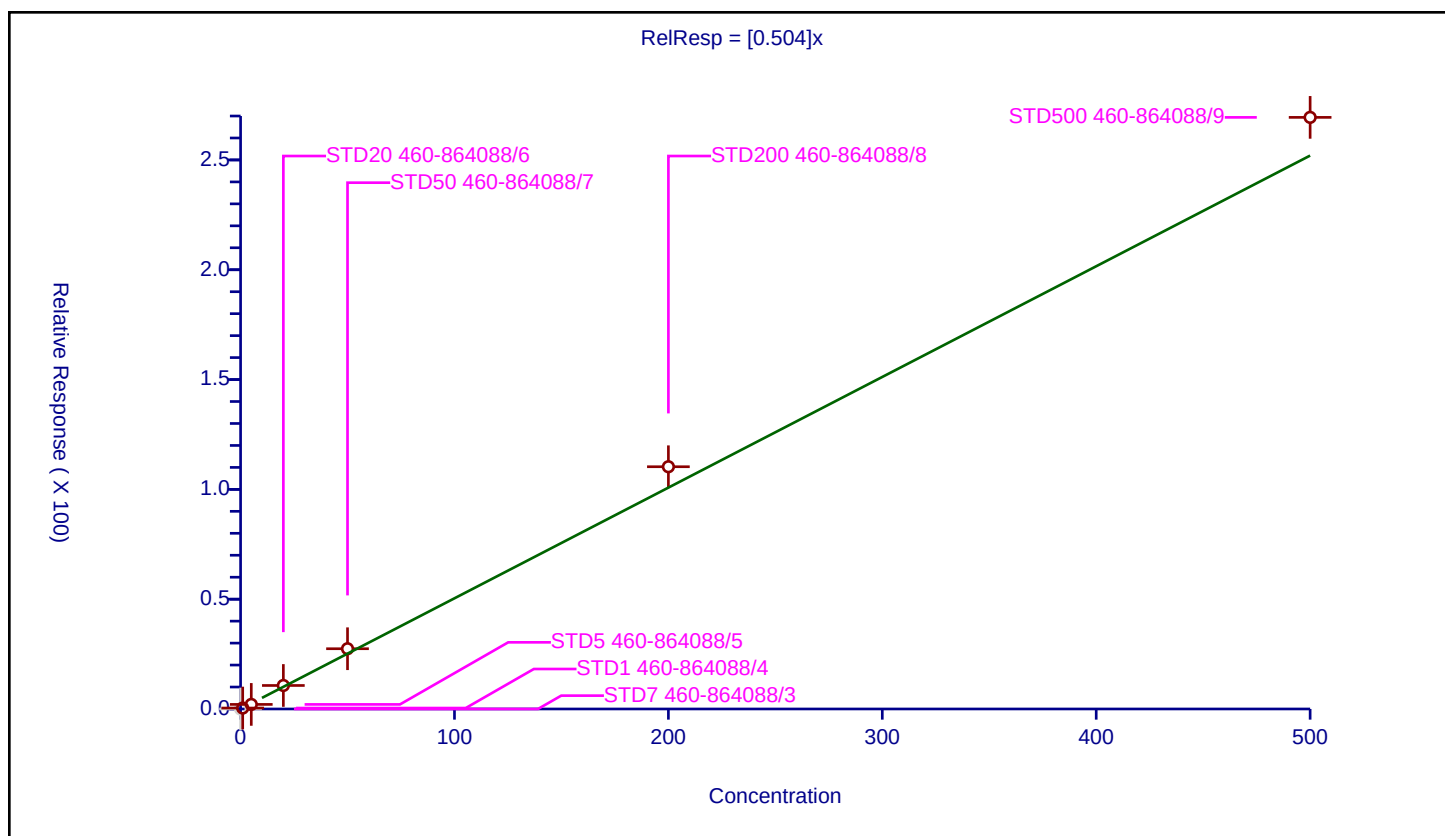
Curve Coefficients

Intercept: 0
 Slope: 0.504

Error Coefficients

Standard Error: 1110000
 Relative Standard Error: 12.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.433988	50.0	346899.0	0.433988	Y
3	STD5 460-864088/5	5.0	2.078566	50.0	345647.0	0.415713	Y
4	STD20 460-864088/6	20.0	10.703593	50.0	358389.0	0.53518	Y
5	STD50 460-864088/7	50.0	27.429425	50.0	362946.0	0.548588	Y
6	STD200 460-864088/8	200.0	110.309324	50.0	385389.0	0.551547	Y
7	STD500 460-864088/9	500.0	269.379117	50.0	432094.0	0.538758	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

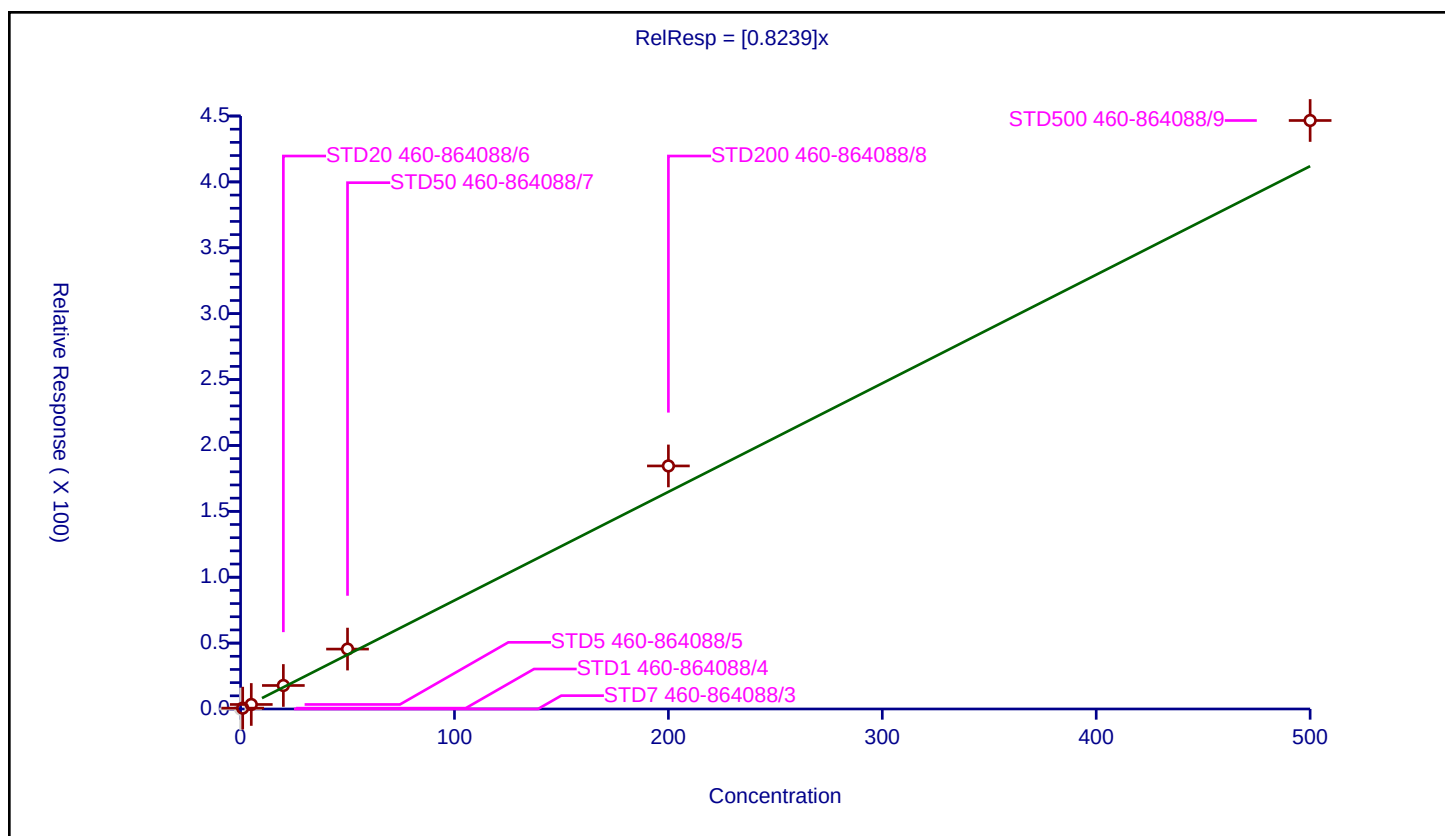
Curve Coefficients

Intercept: 0
 Slope: 0.8239

Error Coefficients

Standard Error: 1850000
 Relative Standard Error: 15.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.642694	50.0	346899.0	0.642694	Y
3	STD5 460-864088/5	5.0	3.420397	50.0	345647.0	0.684079	Y
4	STD20 460-864088/6	20.0	17.83495	50.0	358389.0	0.891748	Y
5	STD50 460-864088/7	50.0	45.466681	50.0	362946.0	0.909334	Y
6	STD200 460-864088/8	200.0	184.450776	50.0	385389.0	0.922254	Y
7	STD500 460-864088/9	500.0	446.600855	50.0	432094.0	0.893202	Y



Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

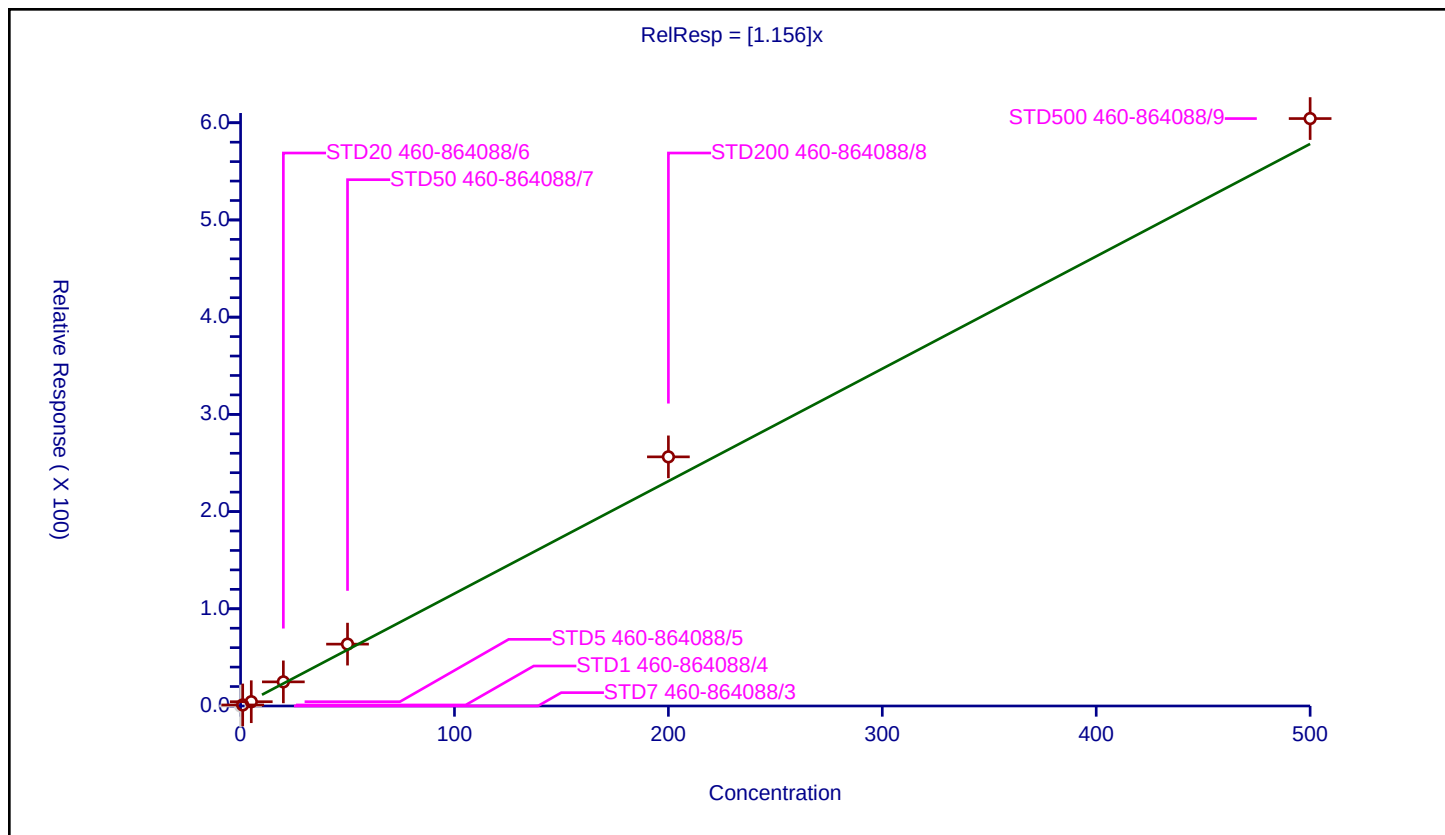
Curve Coefficients

Intercept: 0
 Slope: 1.156

Error Coefficients

Standard Error: 1410000
 Relative Standard Error: 13.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.053753	50.0	189181.0	1.053753	Y
3	STD5 460-864088/5	5.0	4.40837	50.0	192316.0	0.881674	Y
4	STD20 460-864088/6	20.0	24.807088	50.0	188817.0	1.240354	Y
5	STD50 460-864088/7	50.0	63.630849	50.0	200281.0	1.272617	Y
6	STD200 460-864088/8	200.0	256.281623	50.0	215231.0	1.281408	Y
7	STD500 460-864088/9	500.0	604.298968	50.0	243163.0	1.208598	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

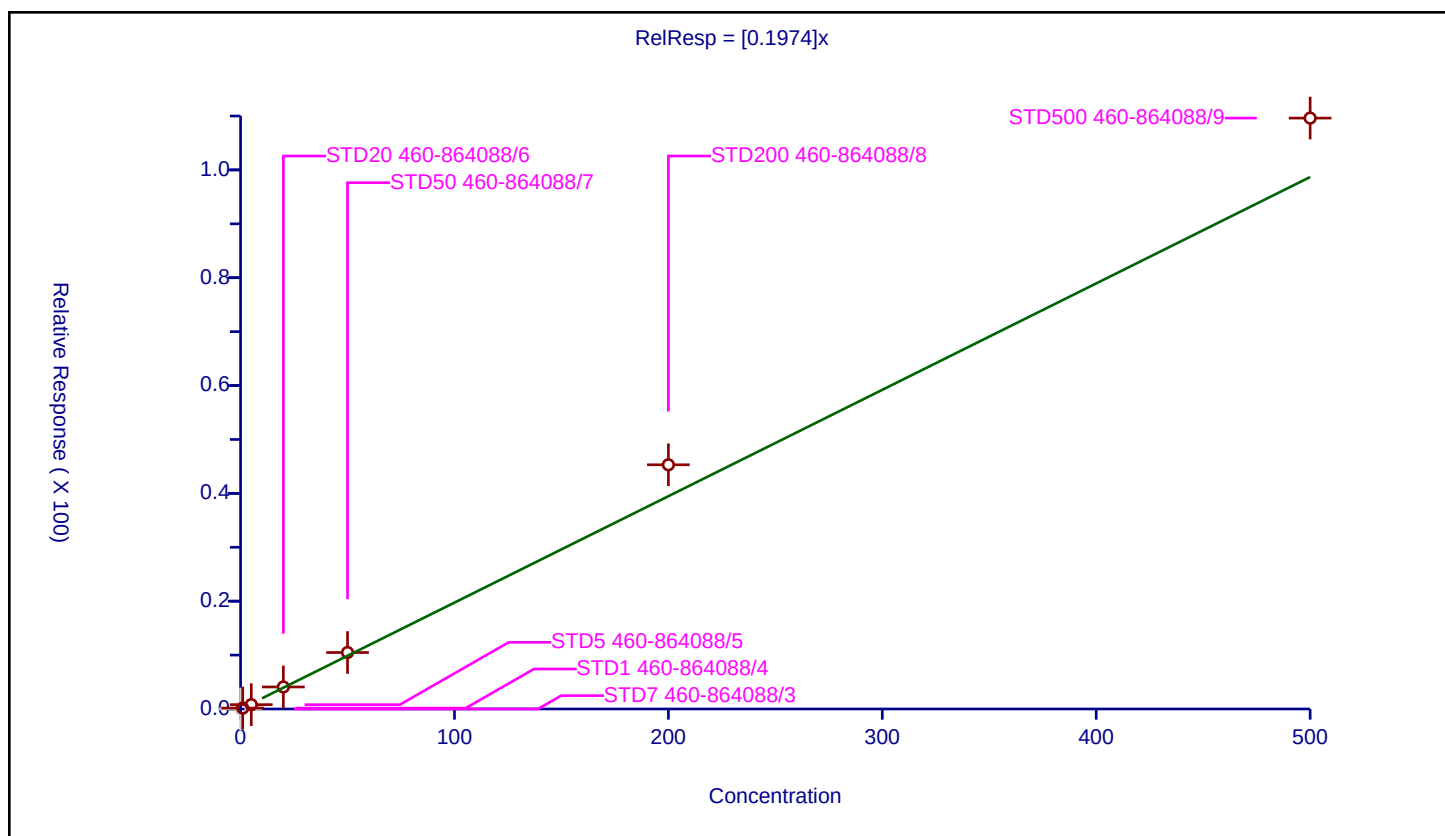
Curve Coefficients

Intercept: 0
Slope: 0.1974

Error Coefficients

Standard Error: 453000
Relative Standard Error: 14.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.164169	50.0	346899.0	0.164169	Y
3	STD5 460-864088/5	5.0	0.803276	50.0	345647.0	0.160655	Y
4	STD20 460-864088/6	20.0	4.08118	50.0	358389.0	0.204059	Y
5	STD50 460-864088/7	50.0	10.476627	50.0	362946.0	0.209533	Y
6	STD200 460-864088/8	200.0	45.300463	50.0	385389.0	0.226502	Y
7	STD500 460-864088/9	500.0	109.61226	50.0	432094.0	0.219225	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

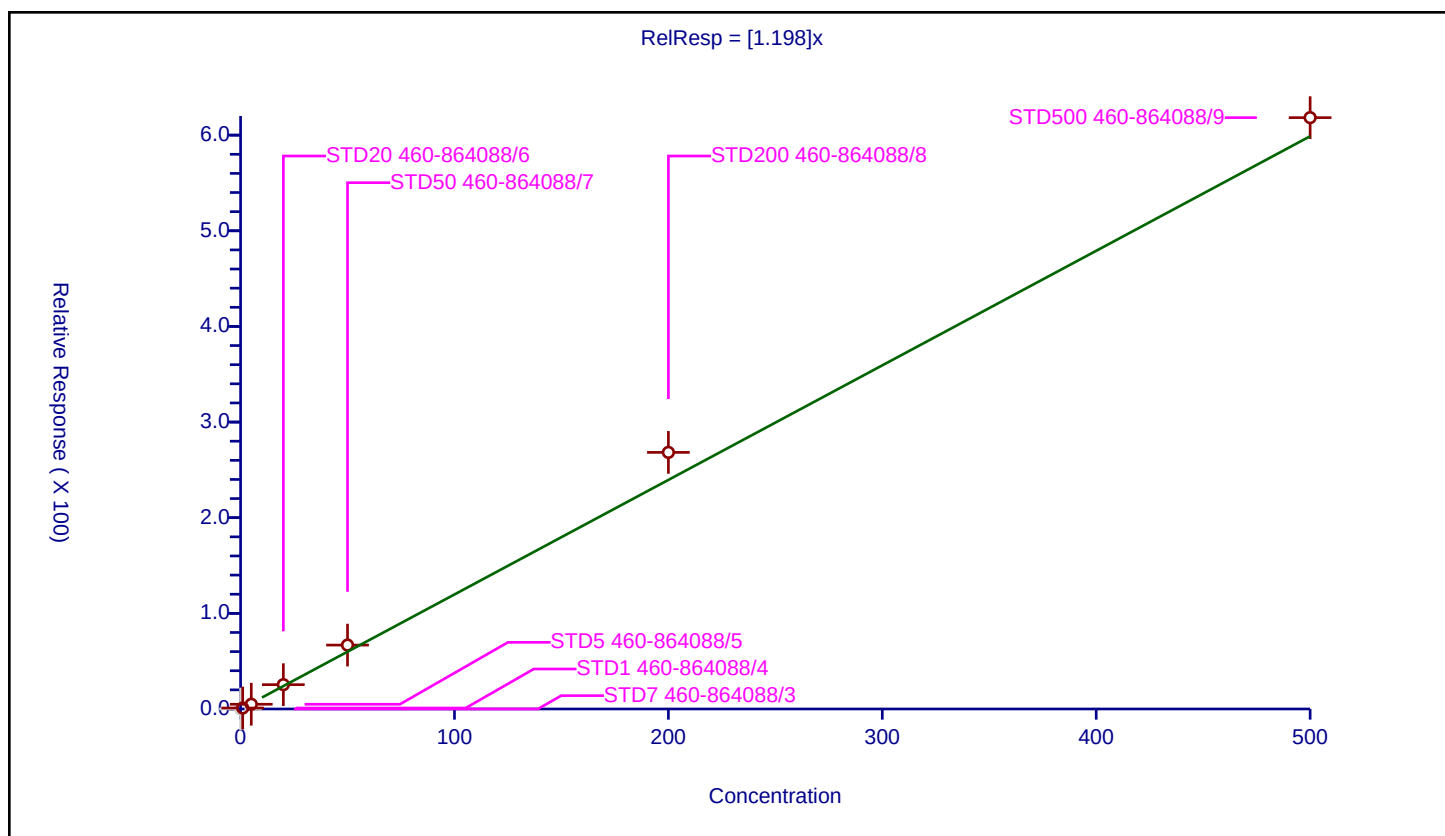
Curve Coefficients

Intercept: 0
 Slope: 1.198

Error Coefficients

Standard Error: 2570000
 Relative Standard Error: 13.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	1.00966	50.0	346899.0	1.00966	Y
3	STD5 460-864088/5	5.0	4.943917	50.0	345647.0	0.988783	Y
4	STD20 460-864088/6	20.0	25.455162	50.0	358389.0	1.272758	Y
5	STD50 460-864088/7	50.0	66.831429	50.0	362946.0	1.336629	Y
6	STD200 460-864088/8	200.0	268.292556	50.0	385389.0	1.341463	Y
7	STD500 460-864088/9	500.0	618.3003	50.0	432094.0	1.236601	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

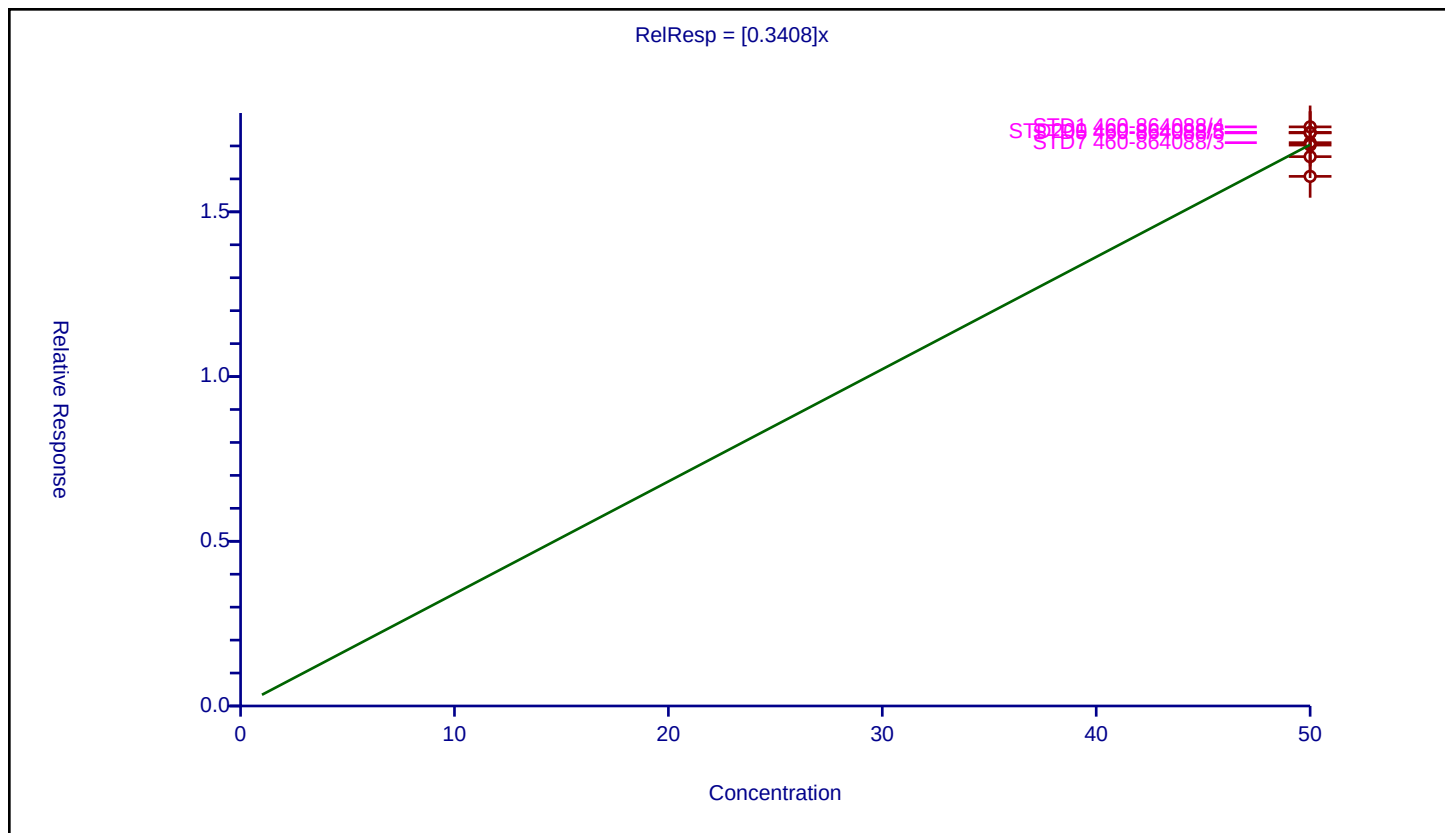
Curve Coefficients

Intercept: 0
 Slope: 0.3408

Error Coefficients

Standard Error: 136000
 Relative Standard Error: 3.1
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	50.0	17.099944	50.0	353969.0	0.341999	Y
2	STD1 460-864088/4	50.0	17.579036	50.0	346899.0	0.351581	Y
3	STD5 460-864088/5	50.0	17.39665	50.0	345647.0	0.347933	Y
4	STD20 460-864088/6	50.0	16.076944	50.0	358389.0	0.321539	Y
5	STD50 460-864088/7	50.0	17.025949	50.0	362946.0	0.340519	Y
6	STD200 460-864088/8	50.0	17.412017	50.0	385389.0	0.34824	Y
7	STD500 460-864088/9	50.0	16.675307	50.0	432094.0	0.333506	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

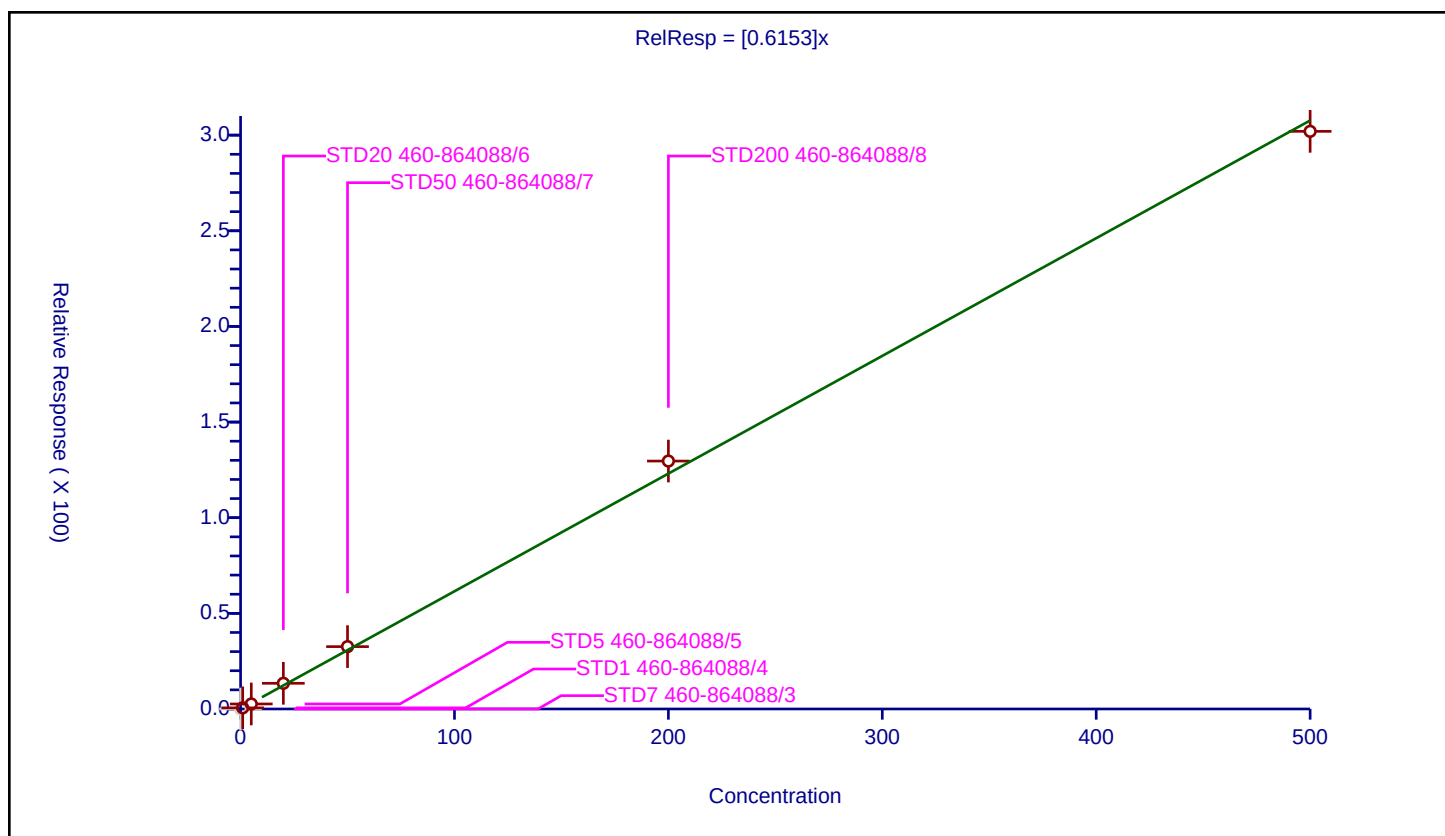
Curve Coefficients

Intercept: 0
 Slope: 0.6153

Error Coefficients

Standard Error: 705000
 Relative Standard Error: 8.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.589647	50.0	189181.0	0.589647	Y
3	STD5 460-864088/5	5.0	2.633426	50.0	192316.0	0.526685	Y
4	STD20 460-864088/6	20.0	13.427816	50.0	188817.0	0.671391	Y
5	STD50 460-864088/7	50.0	32.602444	50.0	200281.0	0.652049	Y
6	STD200 460-864088/8	200.0	129.622127	50.0	215231.0	0.648111	Y
7	STD500 460-864088/9	500.0	301.987967	50.0	243163.0	0.603976	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

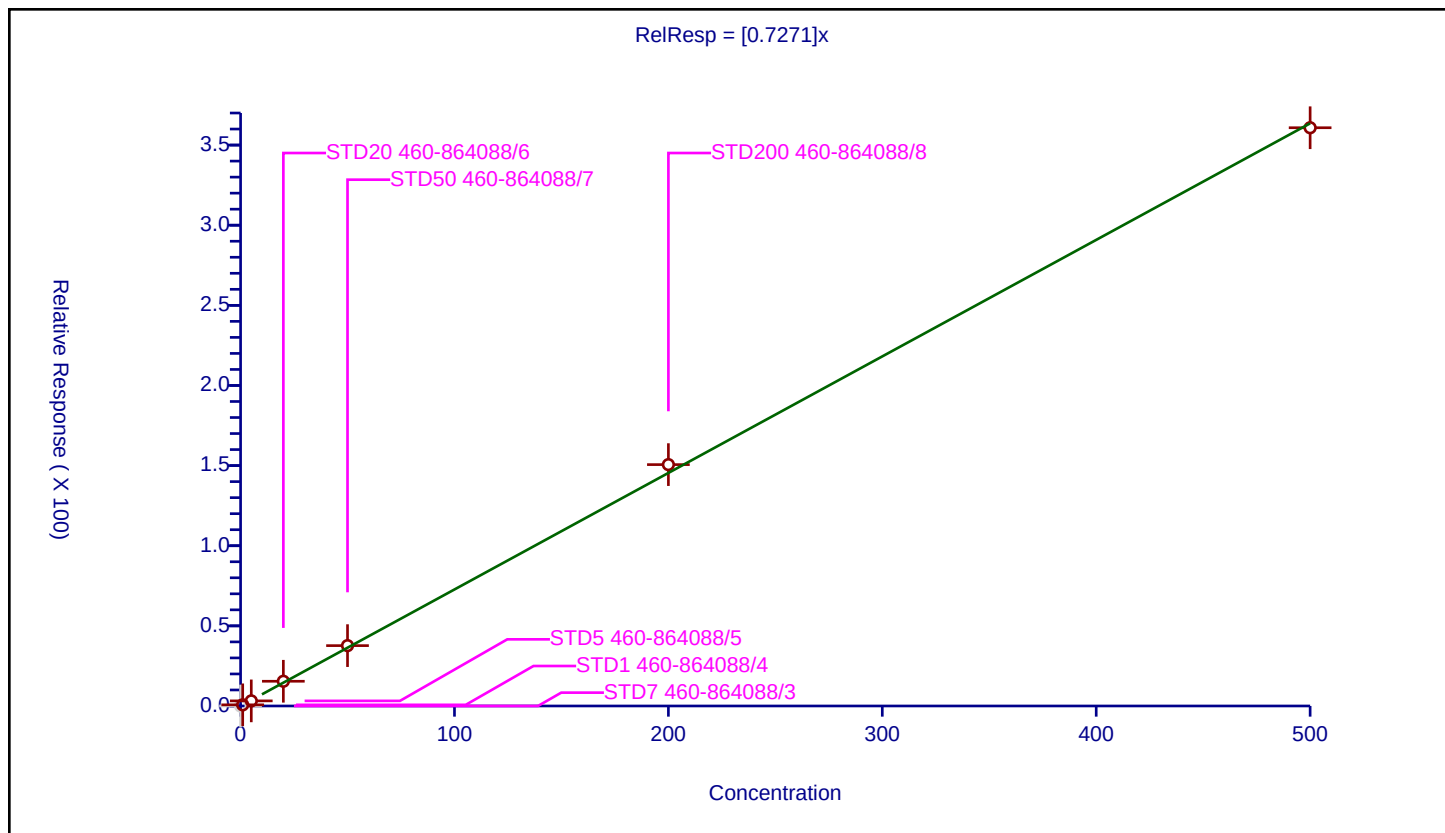
Curve Coefficients

Intercept: 0
Slope: 0.7271

Error Coefficients

Standard Error: 840000
Relative Standard Error: 6.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.725496	50.0	189181.0	0.725496	Y
3	STD5 460-864088/5	5.0	3.185902	50.0	192316.0	0.63718	Y
4	STD20 460-864088/6	20.0	15.435051	50.0	188817.0	0.771753	Y
5	STD50 460-864088/7	50.0	37.669574	50.0	200281.0	0.753391	Y
6	STD200 460-864088/8	200.0	150.618173	50.0	215231.0	0.753091	Y
7	STD500 460-864088/9	500.0	360.808593	50.0	243163.0	0.721617	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

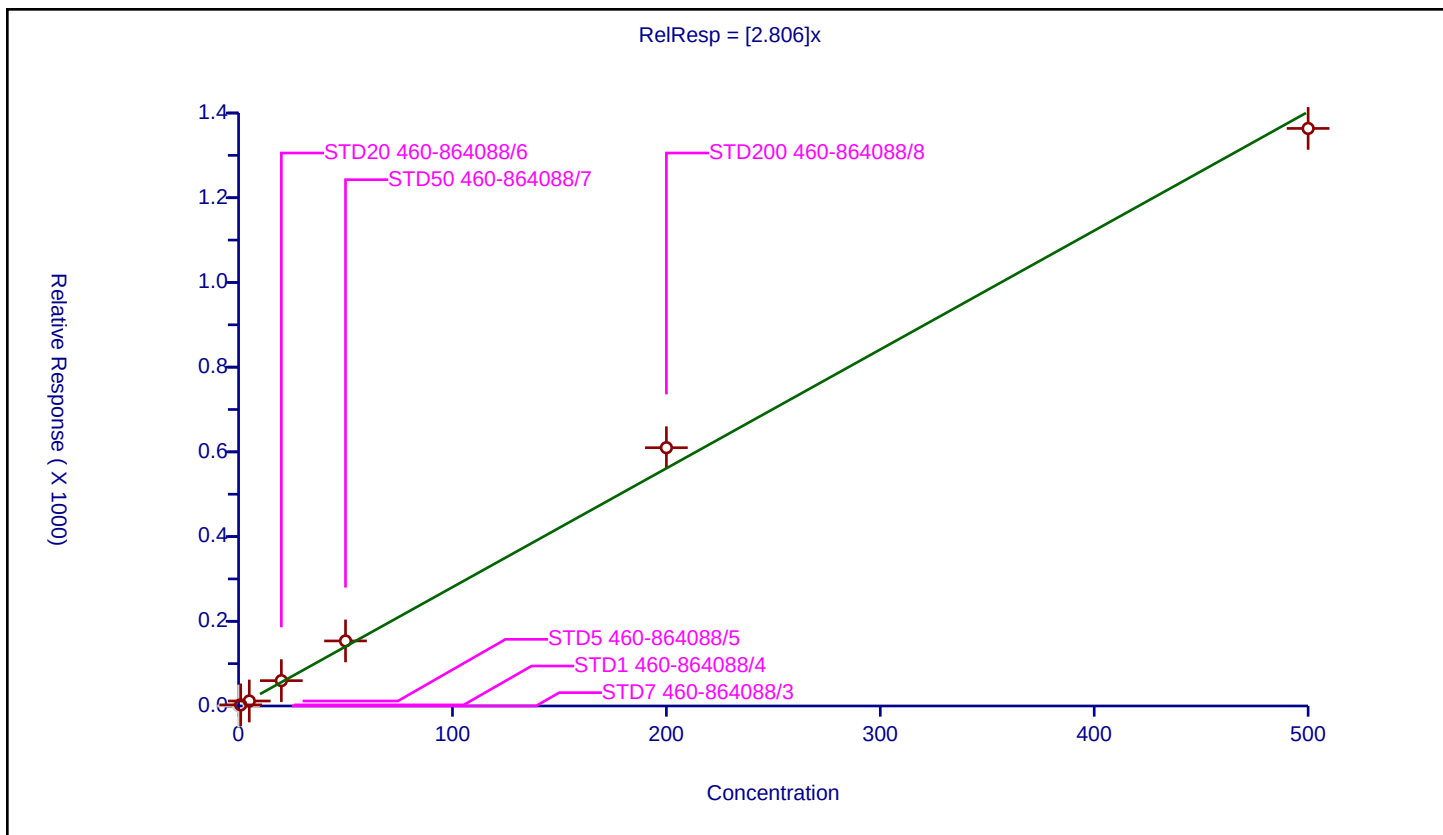
Curve Coefficients

Intercept: 0
 Slope: 2.806

Error Coefficients

Standard Error: 3200000
 Relative Standard Error: 10.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	2.640064	50.0	189181.0	2.640064	Y
3	STD5 460-864088/5	5.0	11.775411	50.0	192316.0	2.355082	Y
4	STD20 460-864088/6	20.0	59.830153	50.0	188817.0	2.991508	Y
5	STD50 460-864088/7	50.0	153.568736	50.0	200281.0	3.071375	Y
6	STD200 460-864088/8	200.0	609.787159	50.0	215231.0	3.048936	Y
7	STD500 460-864088/9	500.0	1363.602398	50.0	243163.0	2.727205	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

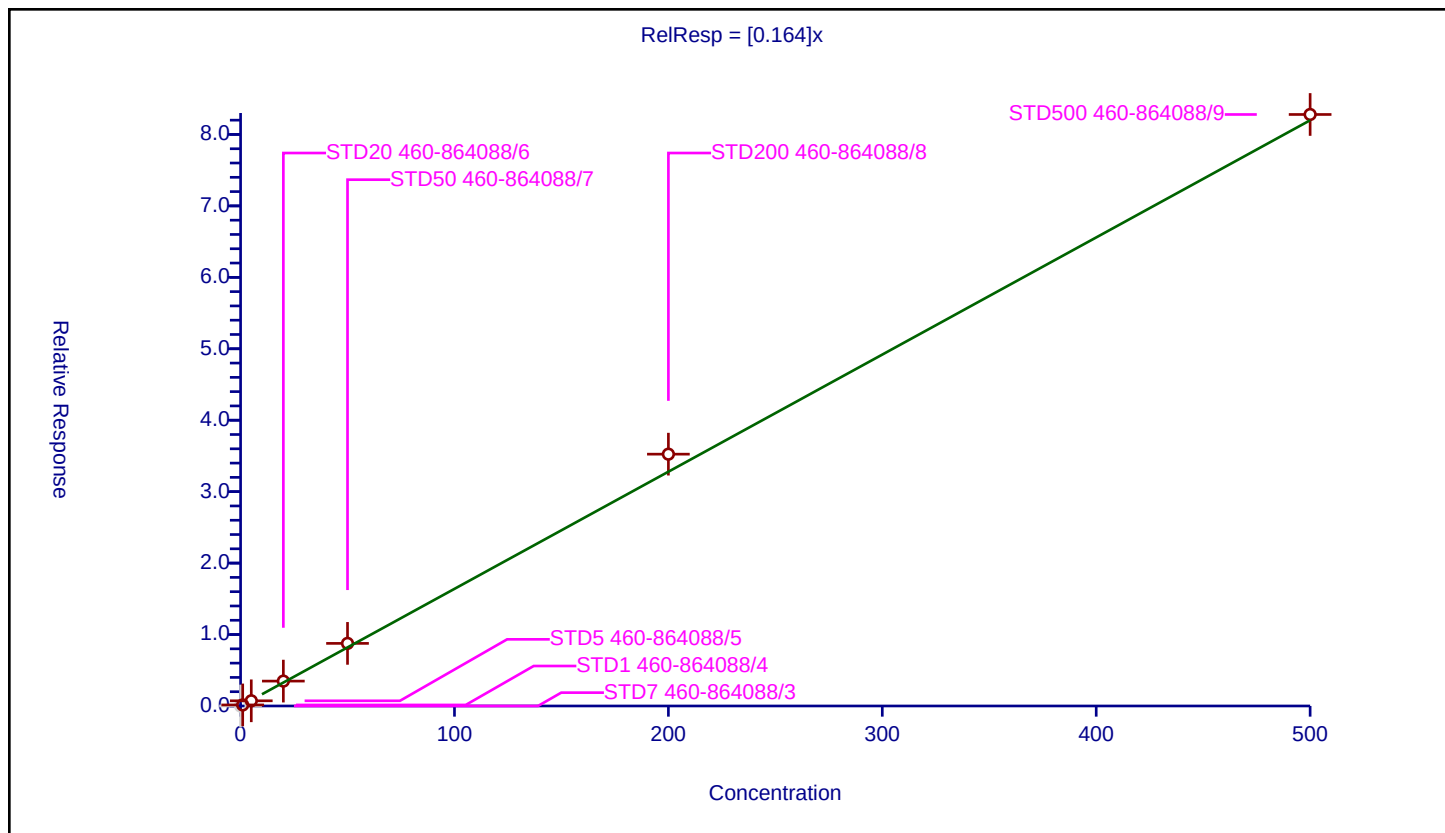
Curve Coefficients

Intercept: 0
 Slope: 0.164

Error Coefficients

Standard Error: 193000
 Relative Standard Error: 8.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.146949	50.0	189181.0	0.146949	Y
3	STD5 460-864088/5	5.0	0.727449	50.0	192316.0	0.14549	Y
4	STD20 460-864088/6	20.0	3.484591	50.0	188817.0	0.17423	Y
5	STD50 460-864088/7	50.0	8.762688	50.0	200281.0	0.175254	Y
6	STD200 460-864088/8	200.0	35.250034	50.0	215231.0	0.17625	Y
7	STD500 460-864088/9	500.0	82.794874	50.0	243163.0	0.16559	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

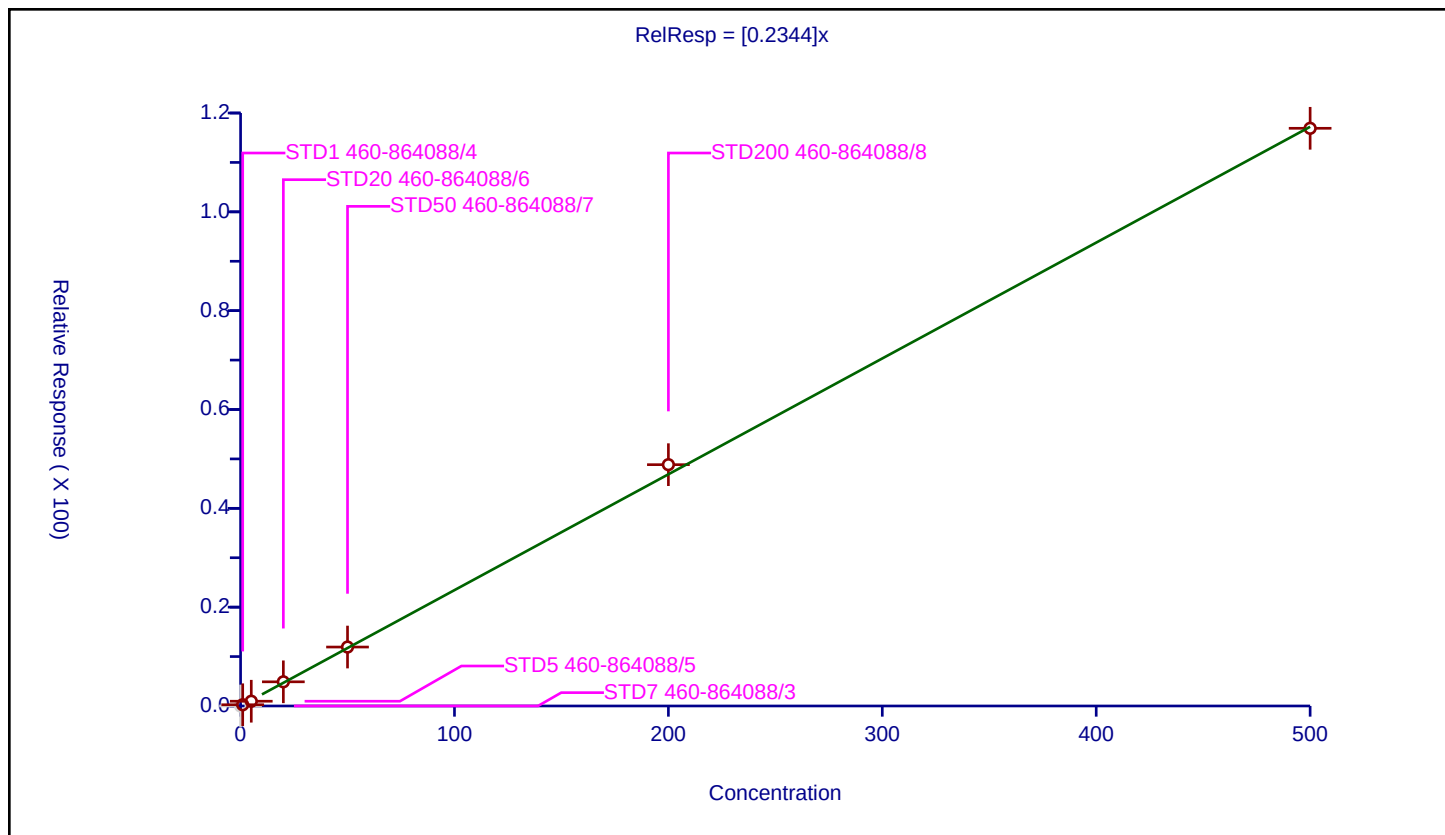
Curve Coefficients

Intercept: 0
Slope: 0.2344

Error Coefficients

Standard Error: 272000
Relative Standard Error: 9.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.252404	50.0	189181.0	0.252404	Y
3	STD5 460-864088/5	5.0	0.964818	50.0	192316.0	0.192964	Y
4	STD20 460-864088/6	20.0	4.892303	50.0	188817.0	0.244615	Y
5	STD50 460-864088/7	50.0	11.929239	50.0	200281.0	0.238585	Y
6	STD200 460-864088/8	200.0	48.837528	50.0	215231.0	0.244188	Y
7	STD500 460-864088/9	500.0	116.906561	50.0	243163.0	0.233813	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

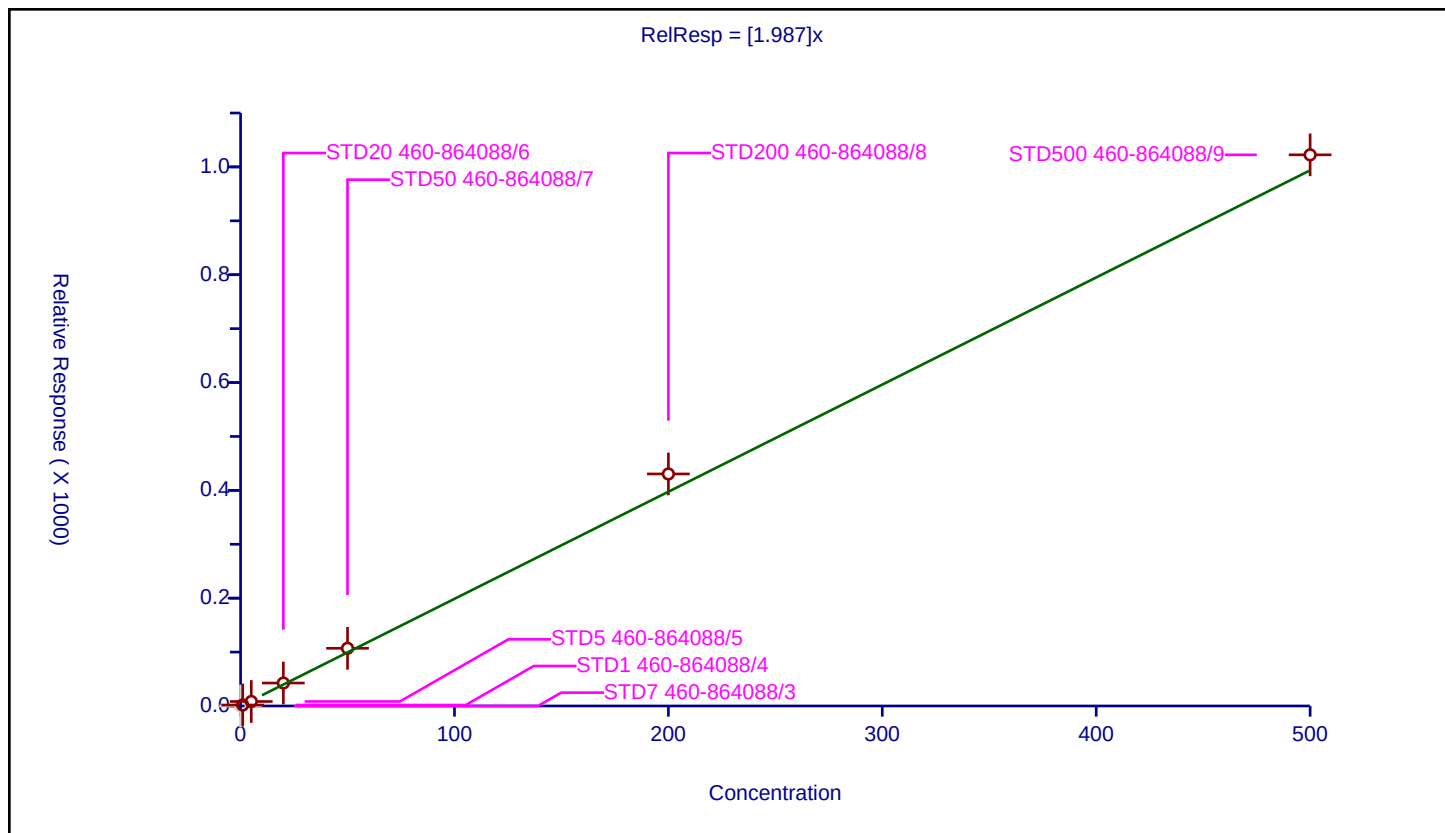
Curve Coefficients

Intercept: 0
 Slope: 1.987

Error Coefficients

Standard Error: 2380000
 Relative Standard Error: 10.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.78982	50.0	189181.0	1.78982	Y
3	STD5 460-864088/5	5.0	8.33706	50.0	192316.0	1.667412	Y
4	STD20 460-864088/6	20.0	42.579058	50.0	188817.0	2.128953	Y
5	STD50 460-864088/7	50.0	107.023881	50.0	200281.0	2.140478	Y
6	STD200 460-864088/8	200.0	430.454256	50.0	215231.0	2.152271	Y
7	STD500 460-864088/9	500.0	1022.447494	50.0	243163.0	2.044895	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

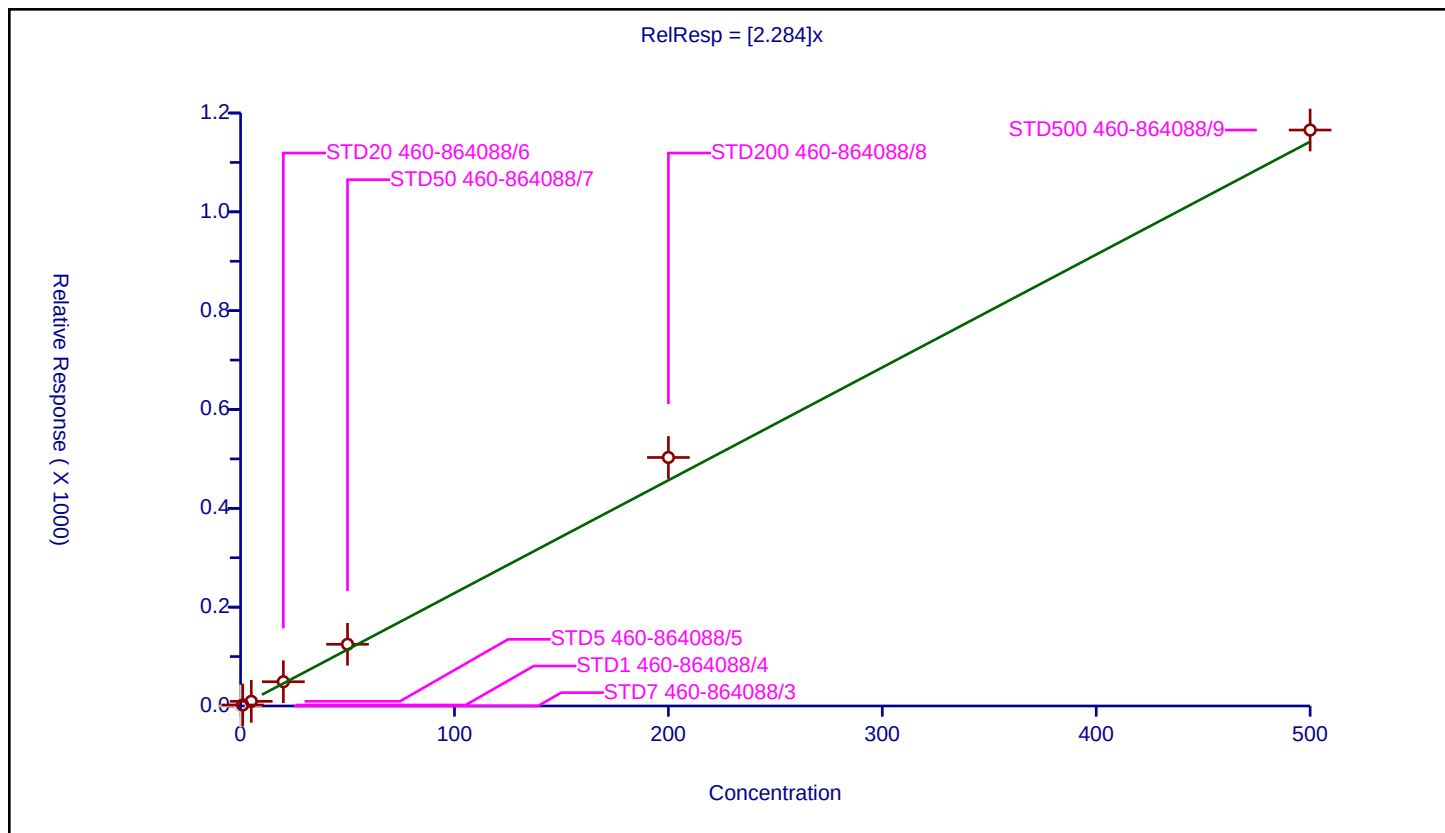
Curve Coefficients

Intercept: 0
 Slope: 2.284

Error Coefficients

Standard Error: 2720000
 Relative Standard Error: 11.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	2.021873	50.0	189181.0	2.021873	Y
3	STD5 460-864088/5	5.0	9.418873	50.0	192316.0	1.883775	Y
4	STD20 460-864088/6	20.0	49.102041	50.0	188817.0	2.455102	Y
5	STD50 460-864088/7	50.0	124.826619	50.0	200281.0	2.496532	Y
6	STD200 460-864088/8	200.0	502.910826	50.0	215231.0	2.514554	Y
7	STD500 460-864088/9	500.0	1165.587075	50.0	243163.0	2.331174	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

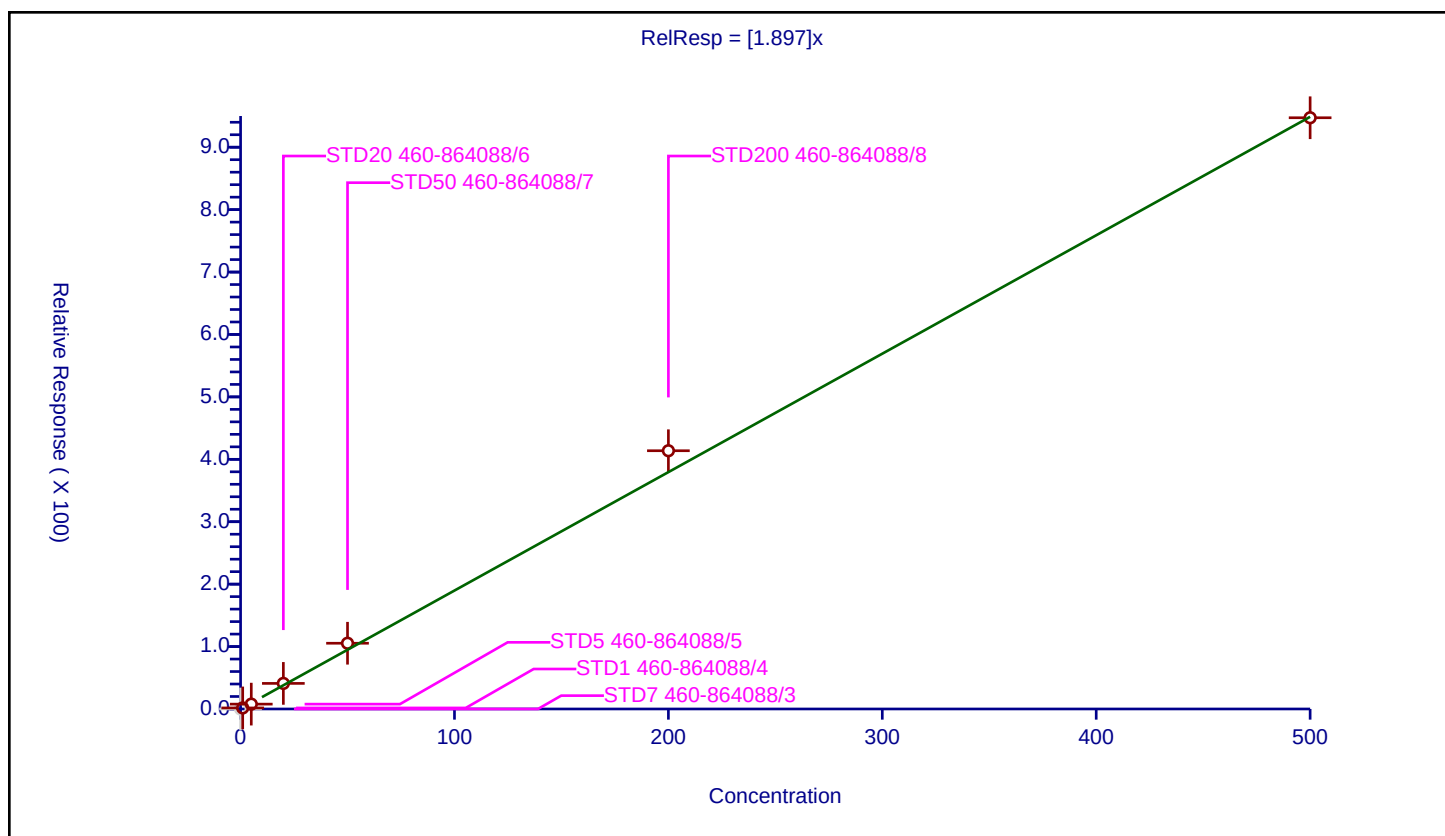
Curve Coefficients

Intercept: 0
 Slope: 1.897

Error Coefficients

Standard Error: 2220000
 Relative Standard Error: 11.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.700488	50.0	189181.0	1.700488	Y
3	STD5 460-864088/5	5.0	7.816302	50.0	192316.0	1.56326	Y
4	STD20 460-864088/6	20.0	41.012991	50.0	188817.0	2.05065	Y
5	STD50 460-864088/7	50.0	105.343742	50.0	200281.0	2.106875	Y
6	STD200 460-864088/8	200.0	413.743838	50.0	215231.0	2.068719	Y
7	STD500 460-864088/9	500.0	947.234982	50.0	243163.0	1.89447	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

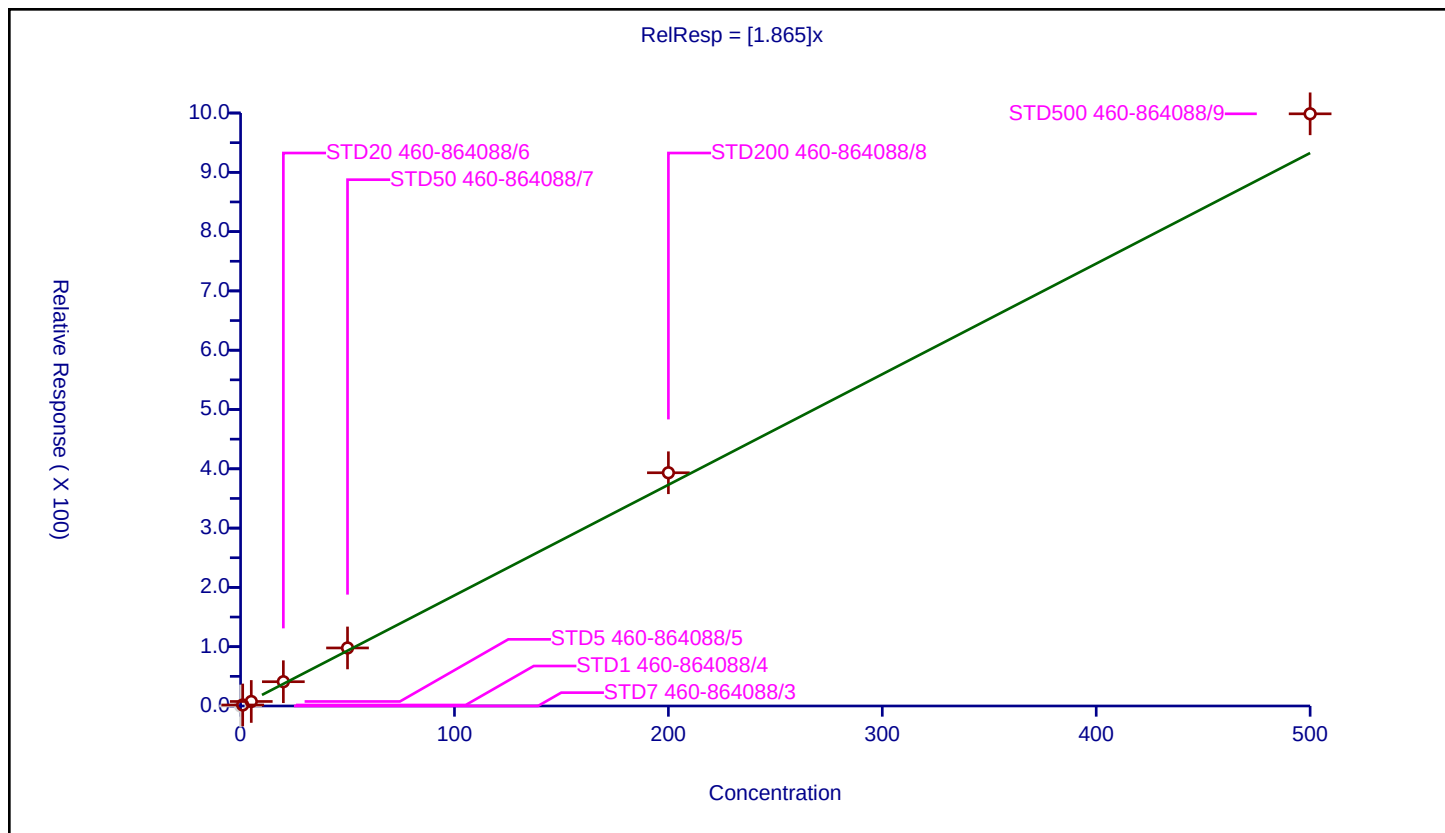
Curve Coefficients

Intercept: 0
 Slope: 1.865

Error Coefficients

Standard Error: 2310000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.698374	50.0	189181.0	1.698374	Y
3	STD5 460-864088/5	5.0	7.621311	50.0	192316.0	1.524262	Y
4	STD20 460-864088/6	20.0	40.924281	50.0	188817.0	2.046214	Y
5	STD50 460-864088/7	50.0	97.876484	50.0	200281.0	1.95753	Y
6	STD200 460-864088/8	200.0	393.335068	50.0	215231.0	1.966675	Y
7	STD500 460-864088/9	500.0	998.636923	50.0	243163.0	1.997274	Y



Calibration

/ Butyl Methacrylate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

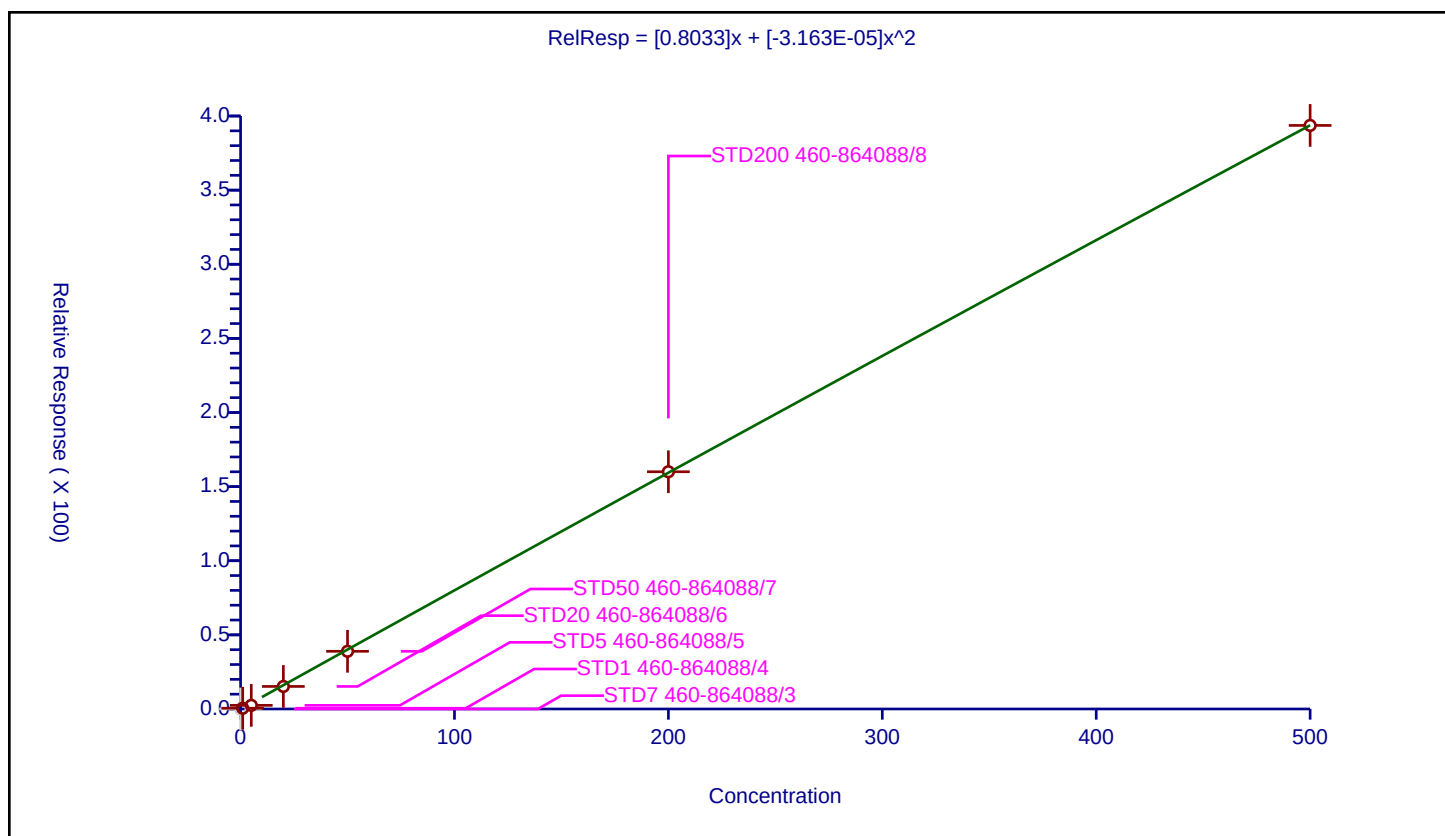
Curve Coefficients

Intercept: 0
 Slope: 0.8033
 Second Order: -3.163E-05

Error Coefficients

Standard Error: 1020000
 Relative Standard Error: 27.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.505336	50.0	189181.0	0.505336	Y
3	STD5 460-864088/5	5.0	2.449354	50.0	192316.0	0.489871	Y
4	STD20 460-864088/6	20.0	15.200167	50.0	188817.0	0.760008	Y
5	STD50 460-864088/7	50.0	38.919568	50.0	200281.0	0.778391	Y
6	STD200 460-864088/8	200.0	160.033406	50.0	215231.0	0.800167	Y
7	STD500 460-864088/9	500.0	393.647677	50.0	243163.0	0.787295	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

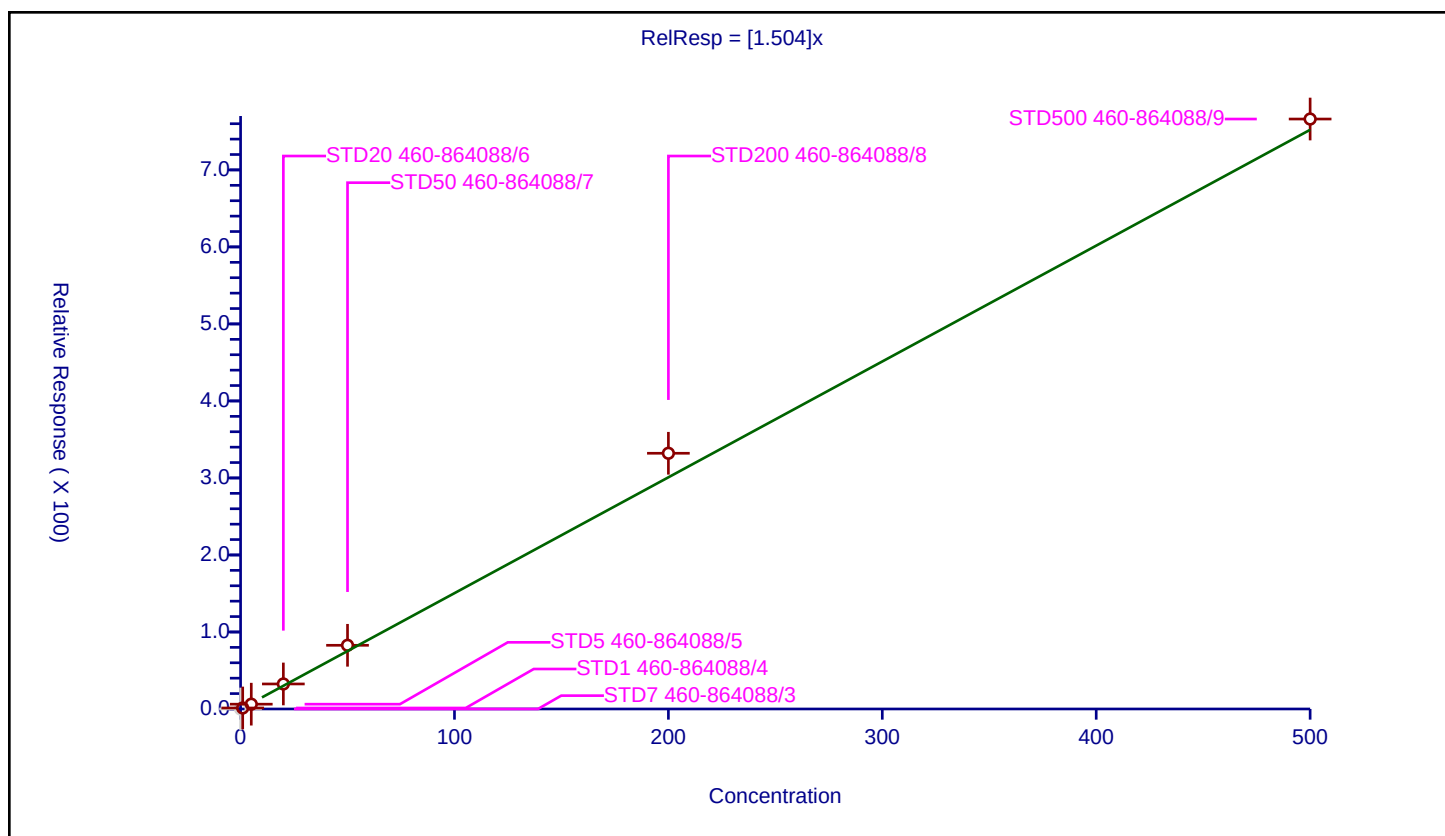
Curve Coefficients

Intercept: 0
 Slope: 1.504

Error Coefficients

Standard Error: 1790000
 Relative Standard Error: 12.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.305628	50.0	189181.0	1.305628	Y
3	STD5 460-864088/5	5.0	6.24051	50.0	192316.0	1.248102	Y
4	STD20 460-864088/6	20.0	32.496279	50.0	188817.0	1.624814	Y
5	STD50 460-864088/7	50.0	82.703801	50.0	200281.0	1.654076	Y
6	STD200 460-864088/8	200.0	332.04557	50.0	215231.0	1.660228	Y
7	STD500 460-864088/9	500.0	766.081394	50.0	243163.0	1.532163	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

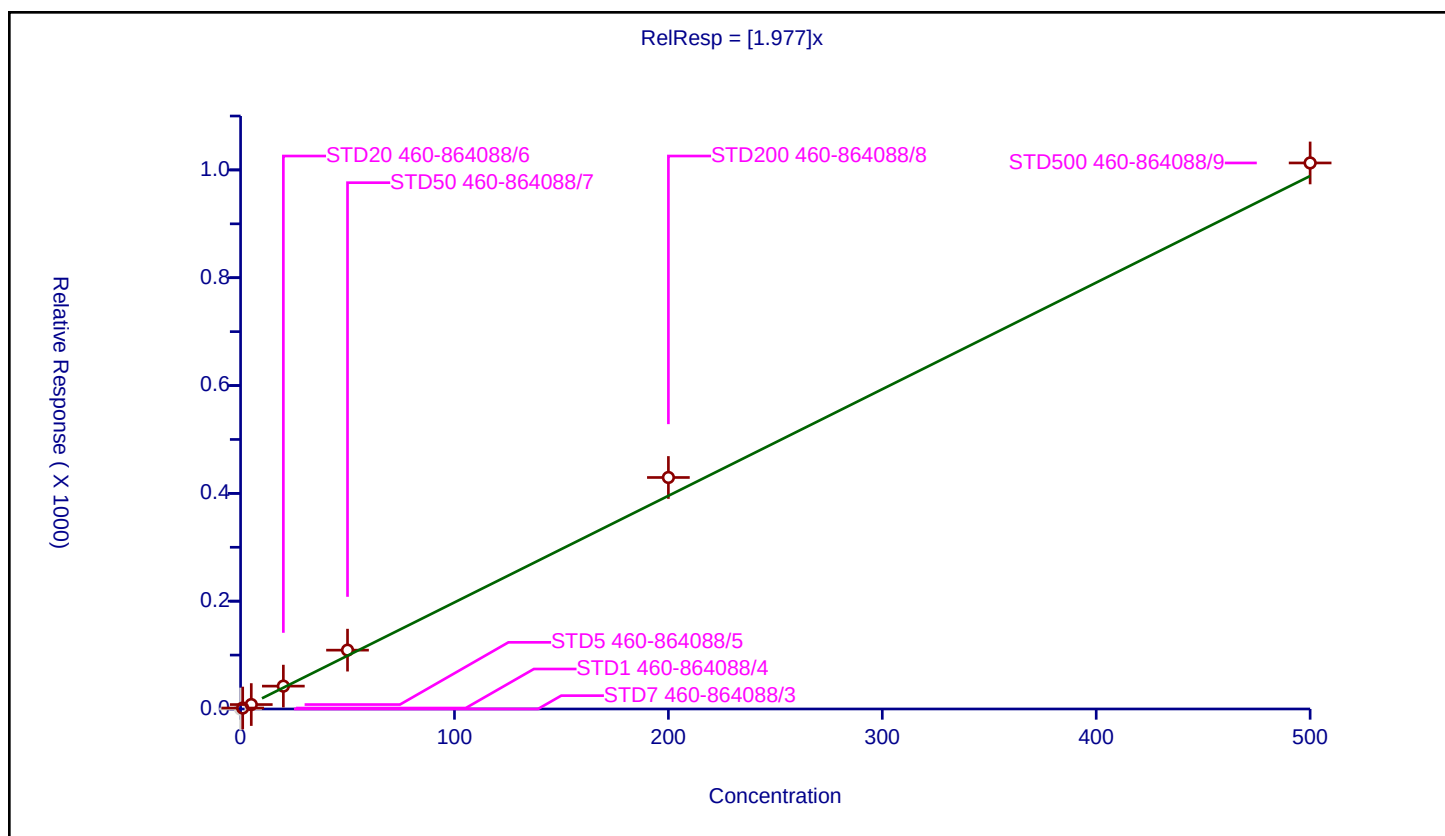
Curve Coefficients

Intercept: 0
Slope: 1.977

Error Coefficients

Standard Error: 2360000
Relative Standard Error: 11.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.739075	50.0	189181.0	1.739075	Y
3	STD5 460-864088/5	5.0	8.243464	50.0	192316.0	1.648693	Y
4	STD20 460-864088/6	20.0	42.418056	50.0	188817.0	2.120903	Y
5	STD50 460-864088/7	50.0	109.140158	50.0	200281.0	2.182803	Y
6	STD200 460-864088/8	200.0	429.451845	50.0	215231.0	2.147259	Y
7	STD500 460-864088/9	500.0	1012.93001	50.0	243163.0	2.02586	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

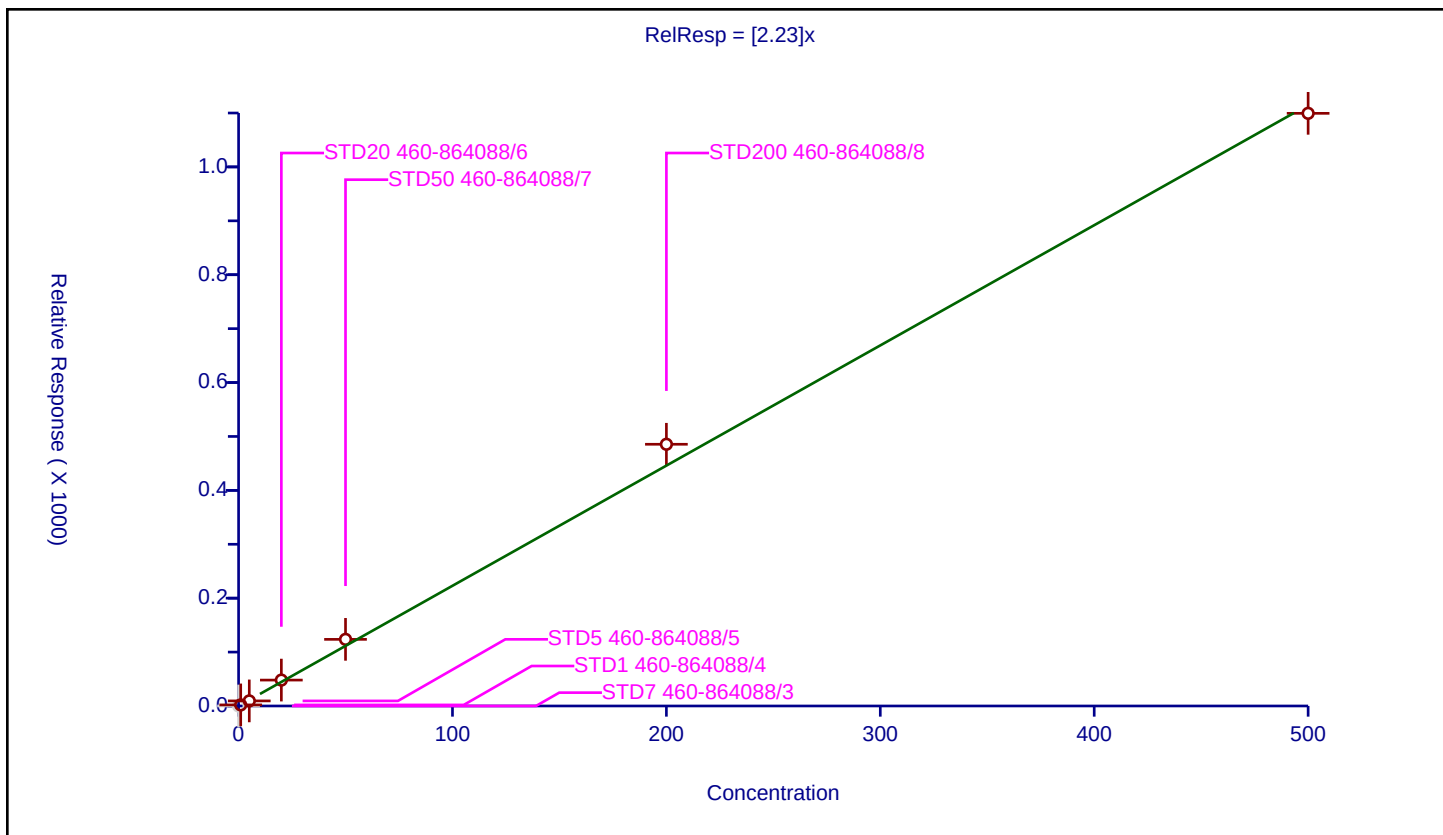
Curve Coefficients

Intercept: 0
 Slope: 2.23

Error Coefficients

Standard Error: 2580000
 Relative Standard Error: 11.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.987779	50.0	189181.0	1.987779	Y
3	STD5 460-864088/5	5.0	9.438892	50.0	192316.0	1.887778	Y
4	STD20 460-864088/6	20.0	48.081211	50.0	188817.0	2.404061	Y
5	STD50 460-864088/7	50.0	123.603337	50.0	200281.0	2.472067	Y
6	STD200 460-864088/8	200.0	485.514401	50.0	215231.0	2.427572	Y
7	STD500 460-864088/9	500.0	1099.4113	50.0	243163.0	2.198823	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

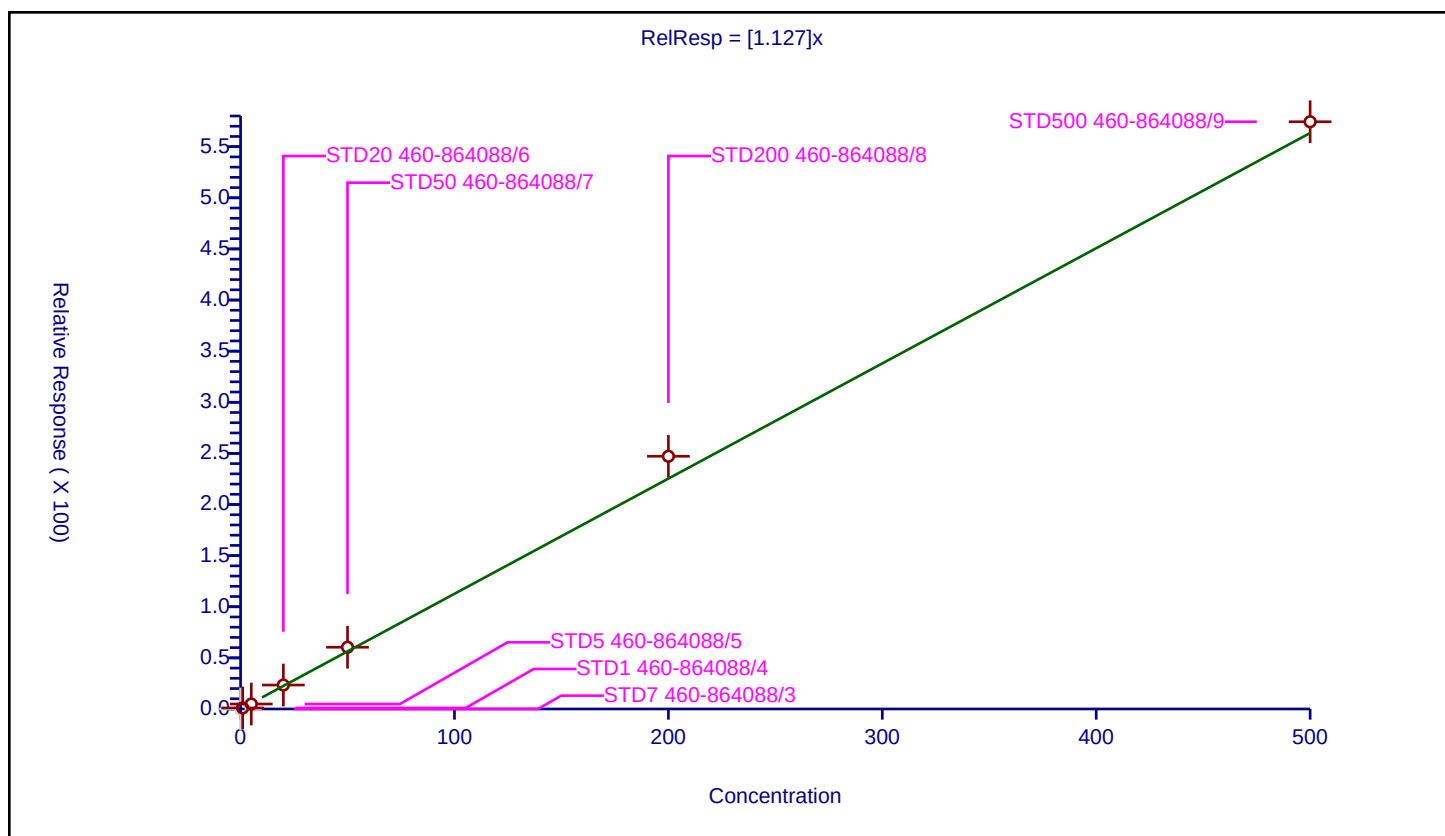
Curve Coefficients

Intercept: 0
 Slope: 1.127

Error Coefficients

Standard Error: 1340000
 Relative Standard Error: 9.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.02283	50.0	189181.0	1.02283	Y
3	STD5 460-864088/5	5.0	4.86543	50.0	192316.0	0.973086	Y
4	STD20 460-864088/6	20.0	23.433007	50.0	188817.0	1.17165	Y
5	STD50 460-864088/7	50.0	60.394396	50.0	200281.0	1.207888	Y
6	STD200 460-864088/8	200.0	247.183724	50.0	215231.0	1.235919	Y
7	STD500 460-864088/9	500.0	574.397421	50.0	243163.0	1.148795	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

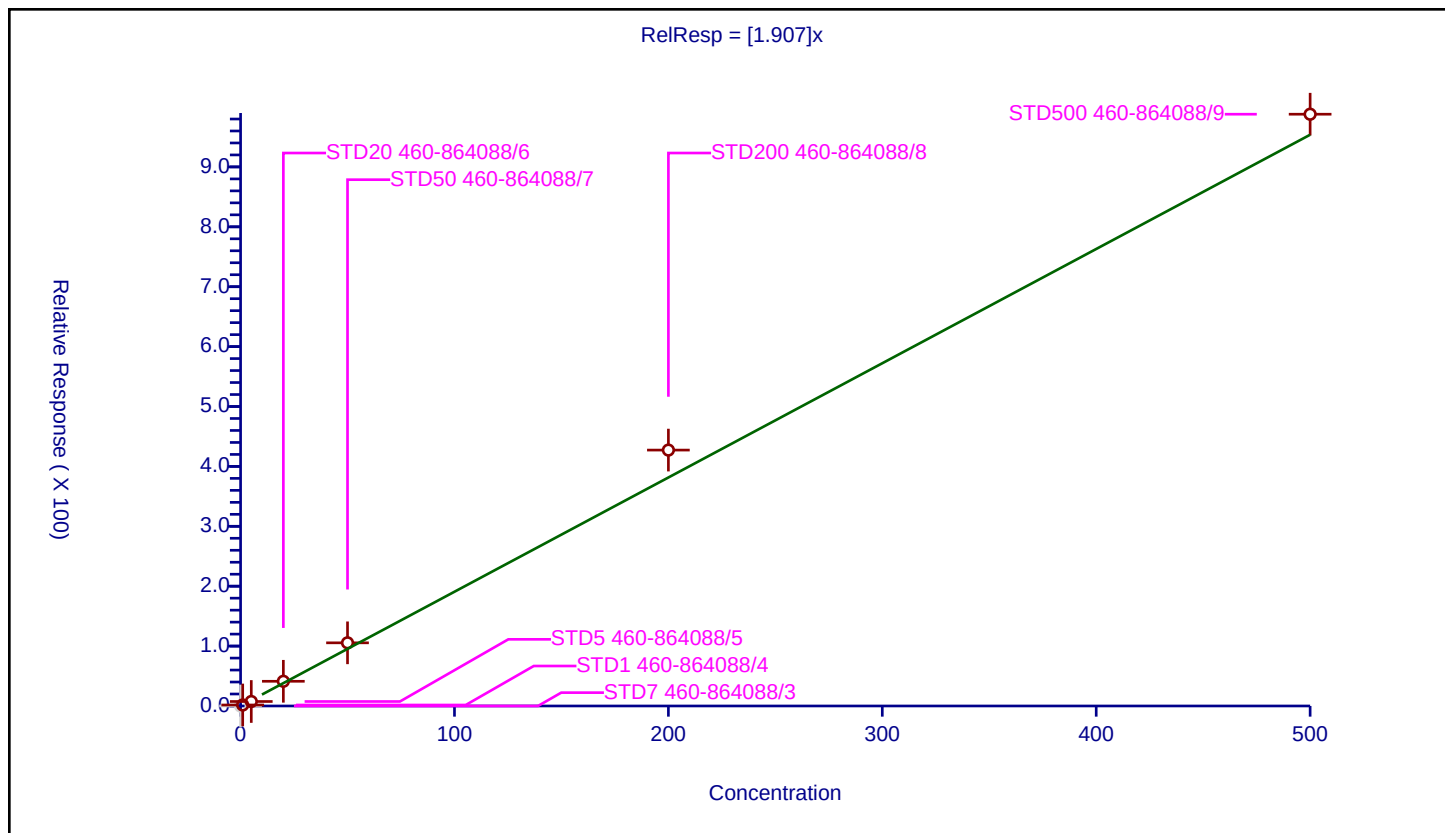
Curve Coefficients

Intercept: 0
 Slope: 1.907

Error Coefficients

Standard Error: 2310000
 Relative Standard Error: 13.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.657407	50.0	189181.0	1.657407	Y
3	STD5 460-864088/5	5.0	7.516535	50.0	192316.0	1.503307	Y
4	STD20 460-864088/6	20.0	41.247345	50.0	188817.0	2.062367	Y
5	STD50 460-864088/7	50.0	105.458331	50.0	200281.0	2.109167	Y
6	STD200 460-864088/8	200.0	427.254206	50.0	215231.0	2.136271	Y
7	STD500 460-864088/9	500.0	987.99838	50.0	243163.0	1.975997	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

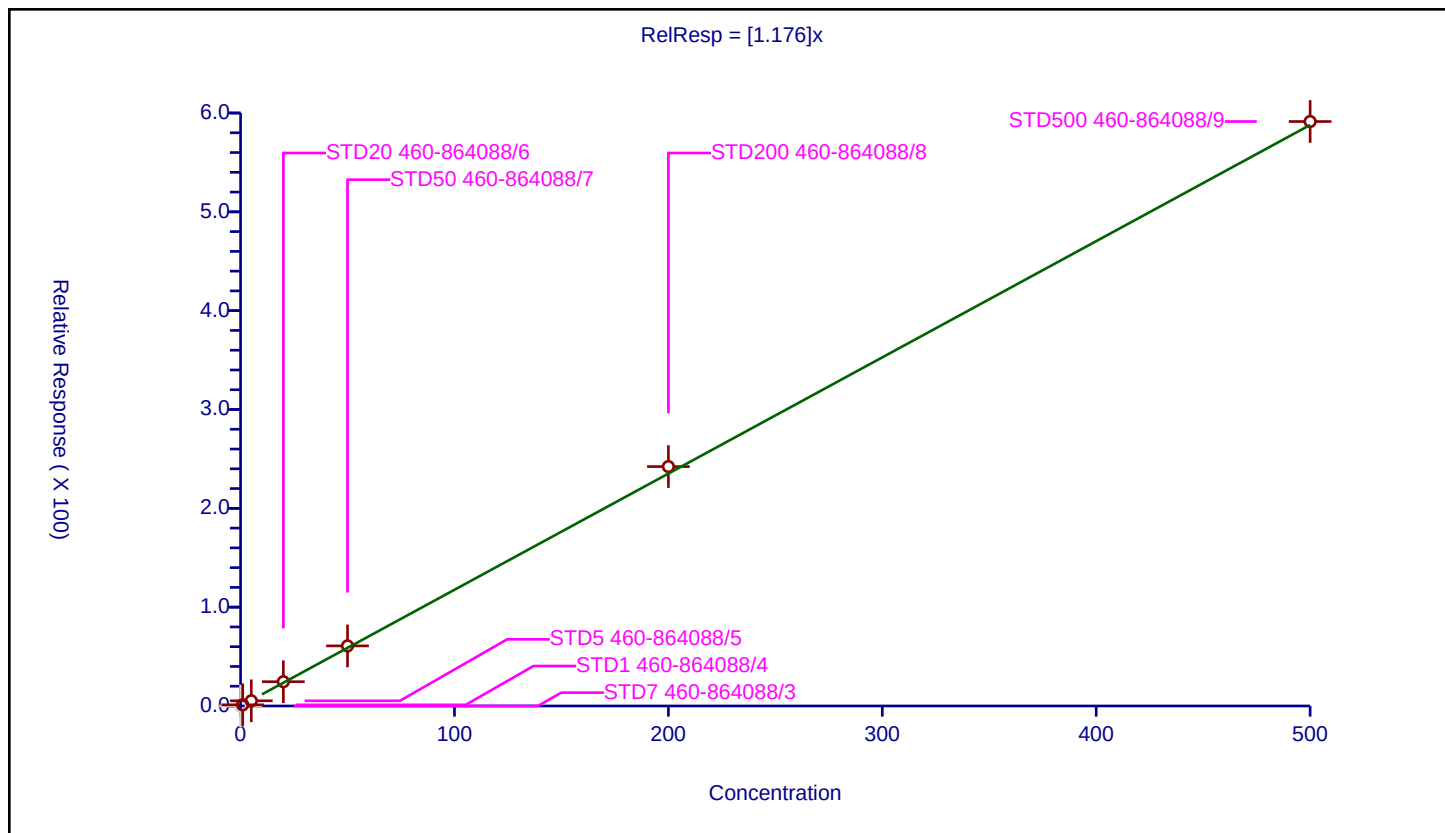
Curve Coefficients

Intercept: 0
 Slope: 1.176

Error Coefficients

Standard Error: 1370000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.168722	50.0	189181.0	1.168722	Y
3	STD5 460-864088/5	5.0	5.236174	50.0	192316.0	1.047235	Y
4	STD20 460-864088/6	20.0	24.573264	50.0	188817.0	1.228663	Y
5	STD50 460-864088/7	50.0	60.81131	50.0	200281.0	1.216226	Y
6	STD200 460-864088/8	200.0	242.231602	50.0	215231.0	1.211158	Y
7	STD500 460-864088/9	500.0	591.399185	50.0	243163.0	1.182798	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

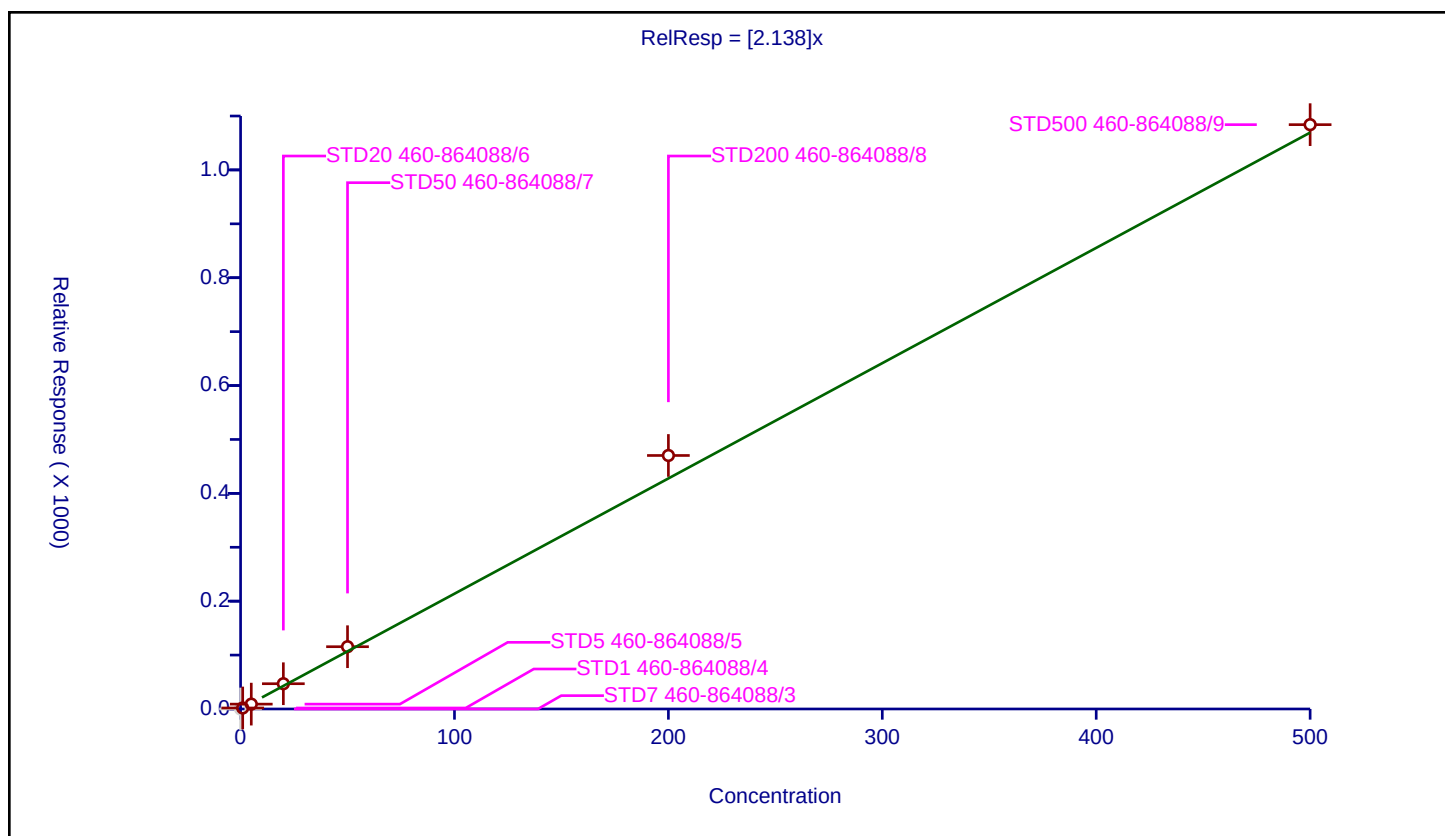
Curve Coefficients

Intercept: 0
Slope: 2.138

Error Coefficients

Standard Error: 2530000
Relative Standard Error: 11.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.849287	50.0	189181.0	1.849287	Y
3	STD5 460-864088/5	5.0	9.045789	50.0	192316.0	1.809158	Y
4	STD20 460-864088/6	20.0	46.852508	50.0	188817.0	2.342625	Y
5	STD50 460-864088/7	50.0	115.520194	50.0	200281.0	2.310404	Y
6	STD200 460-864088/8	200.0	470.276587	50.0	215231.0	2.351383	Y
7	STD500 460-864088/9	500.0	1083.9842	50.0	243163.0	2.167968	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

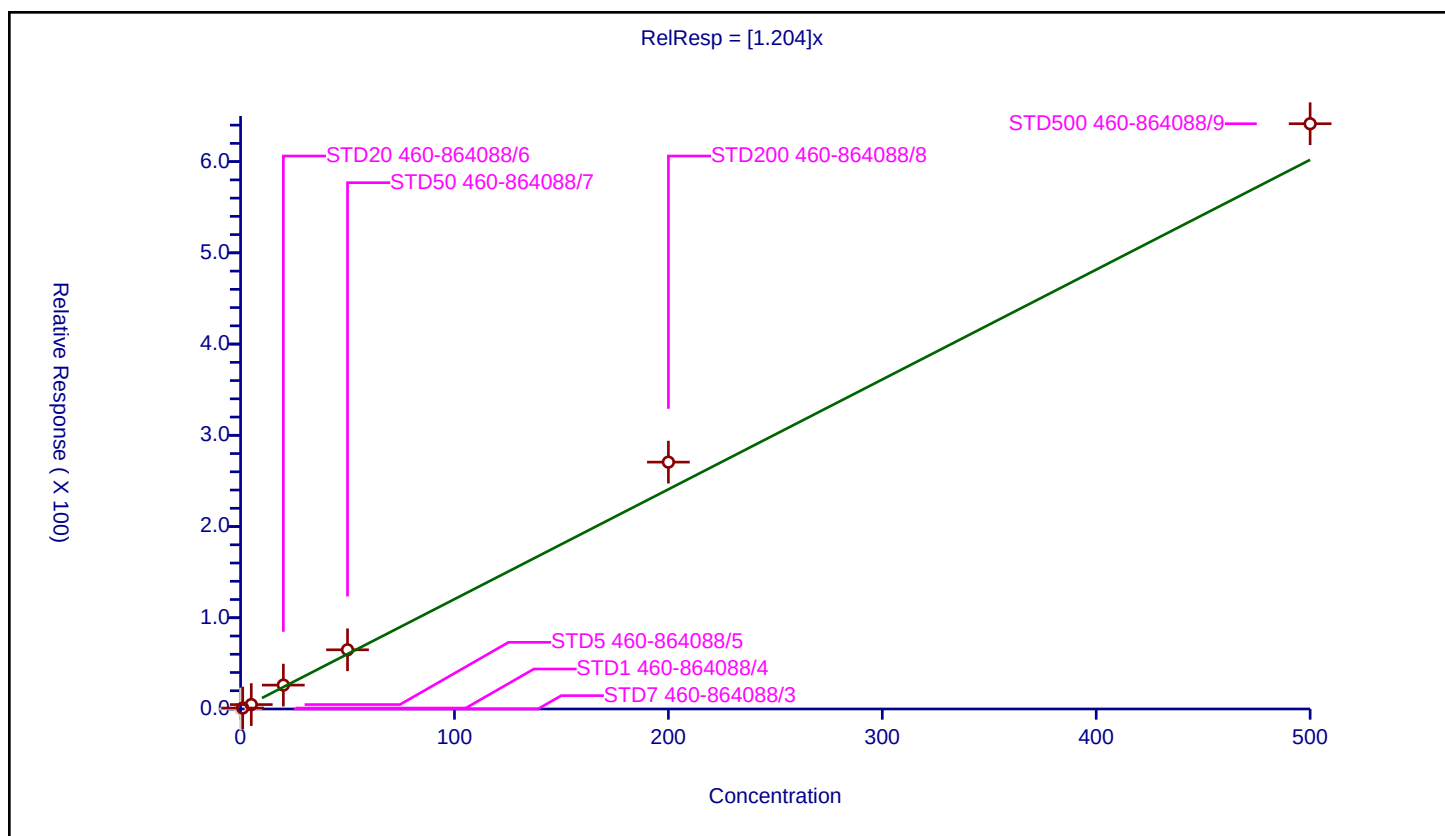
Curve Coefficients

Intercept: 0
Slope: 1.204

Error Coefficients

Standard Error: 1490000
Relative Standard Error: 13.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.011201	50.0	189181.0	1.011201	Y
3	STD5 460-864088/5	5.0	4.85165	50.0	192316.0	0.97033	Y
4	STD20 460-864088/6	20.0	26.181965	50.0	188817.0	1.309098	Y
5	STD50 460-864088/7	50.0	64.867861	50.0	200281.0	1.297357	Y
6	STD200 460-864088/8	200.0	270.594385	50.0	215231.0	1.352972	Y
7	STD500 460-864088/9	500.0	641.537364	50.0	243163.0	1.283075	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

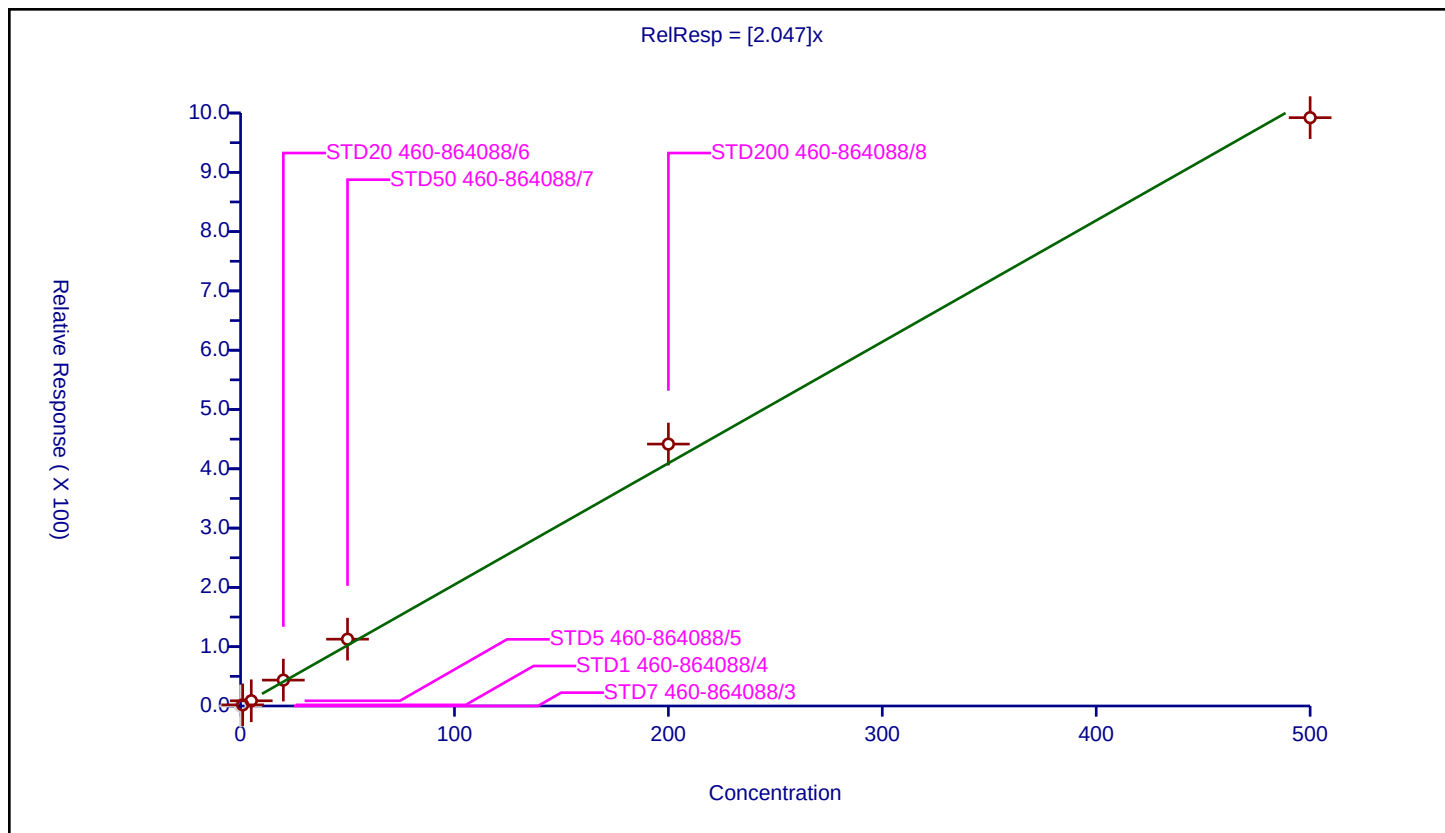
Curve Coefficients

Intercept: 0
 Slope: 2.047

Error Coefficients

Standard Error: 2330000
 Relative Standard Error: 9.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.892368	50.0	189181.0	1.892368	Y
3	STD5 460-864088/5	5.0	8.804	50.0	192316.0	1.7608	Y
4	STD20 460-864088/6	20.0	43.653114	50.0	188817.0	2.182656	Y
5	STD50 460-864088/7	50.0	112.658215	50.0	200281.0	2.253164	Y
6	STD200 460-864088/8	200.0	441.691717	50.0	215231.0	2.208459	Y
7	STD500 460-864088/9	500.0	992.171506	50.0	243163.0	1.984343	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

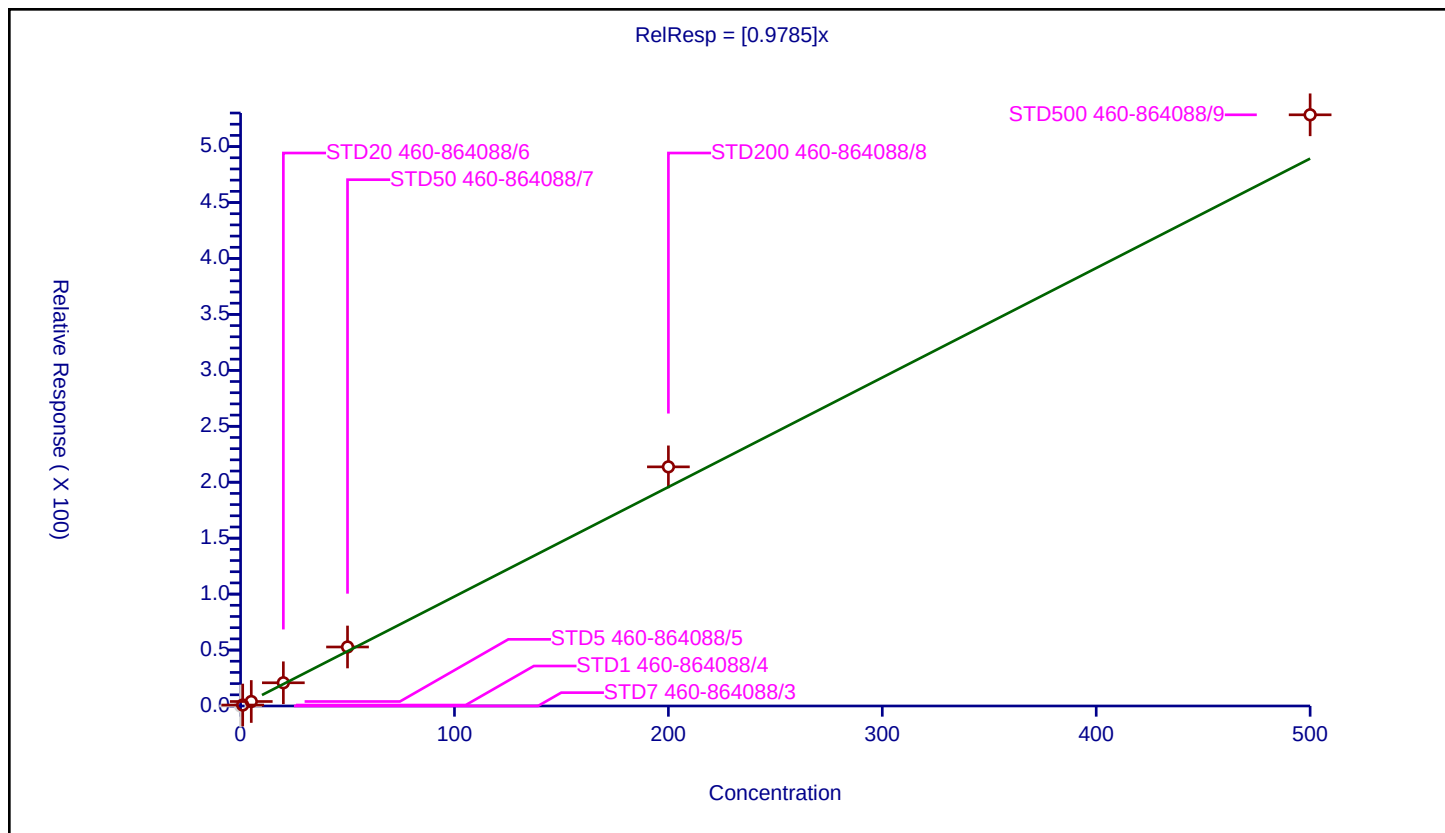
Curve Coefficients

Intercept: 0
Slope: 0.9785

Error Coefficients

Standard Error: 1220000
Relative Standard Error: 12.1
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.848658	50.0	189181.0	0.848658	Y
3	STD5 460-864088/5	5.0	4.025406	50.0	192316.0	0.805081	Y
4	STD20 460-864088/6	20.0	20.743365	50.0	188817.0	1.037168	Y
5	STD50 460-864088/7	50.0	52.743645	50.0	200281.0	1.054873	Y
6	STD200 460-864088/8	200.0	213.736636	50.0	215231.0	1.068683	Y
7	STD500 460-864088/9	500.0	528.399674	50.0	243163.0	1.056799	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

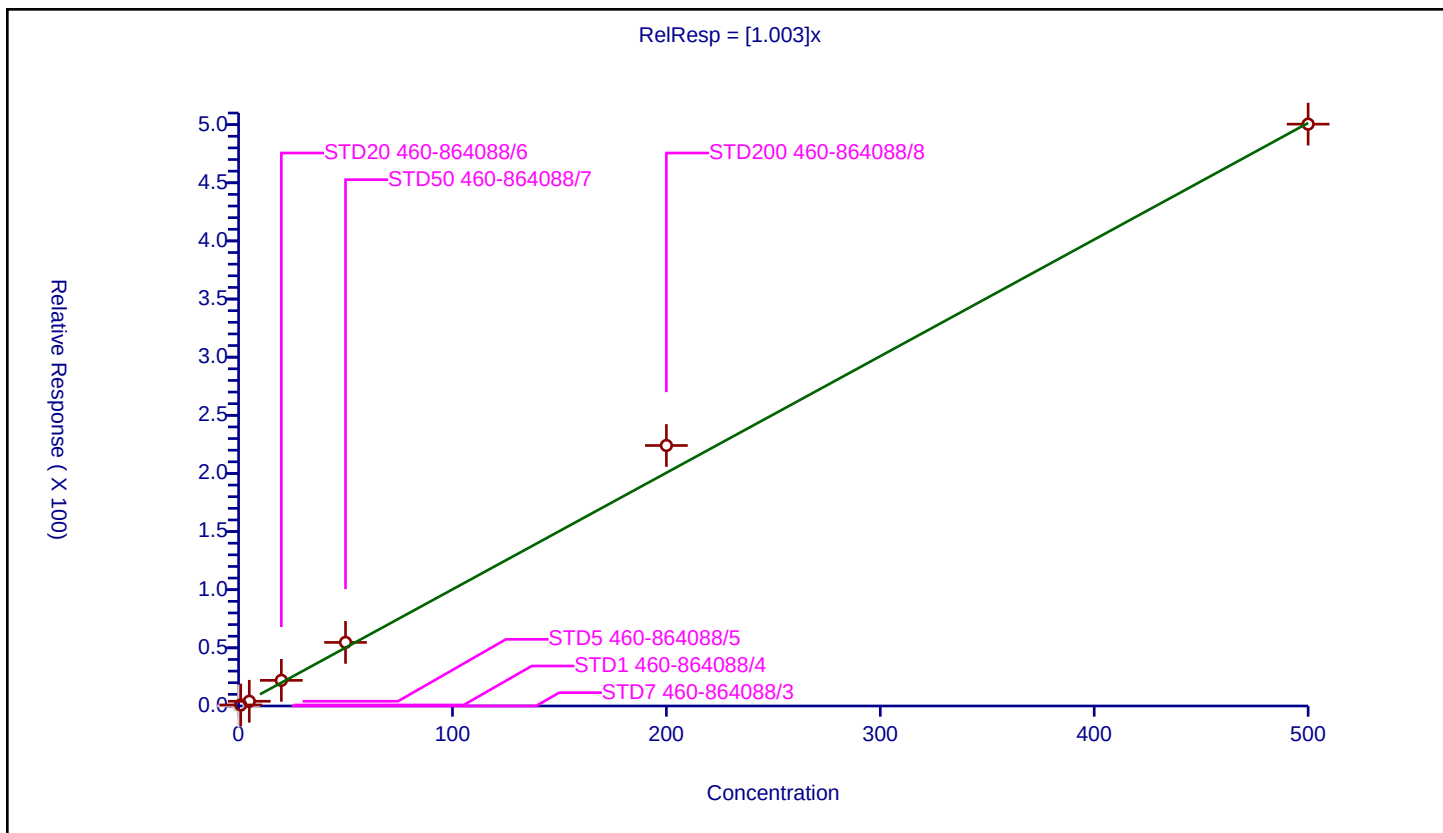
Curve Coefficients

Intercept: 0
 Slope: 1.003

Error Coefficients

Standard Error: 1180000
 Relative Standard Error: 12.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.886188	50.0	189181.0	0.886188	Y
3	STD5 460-864088/5	5.0	4.069604	50.0	192316.0	0.813921	Y
4	STD20 460-864088/6	20.0	22.043036	50.0	188817.0	1.102152	Y
5	STD50 460-864088/7	50.0	54.700146	50.0	200281.0	1.094003	Y
6	STD200 460-864088/8	200.0	224.036036	50.0	215231.0	1.12018	Y
7	STD500 460-864088/9	500.0	500.44024	50.0	243163.0	1.00088	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

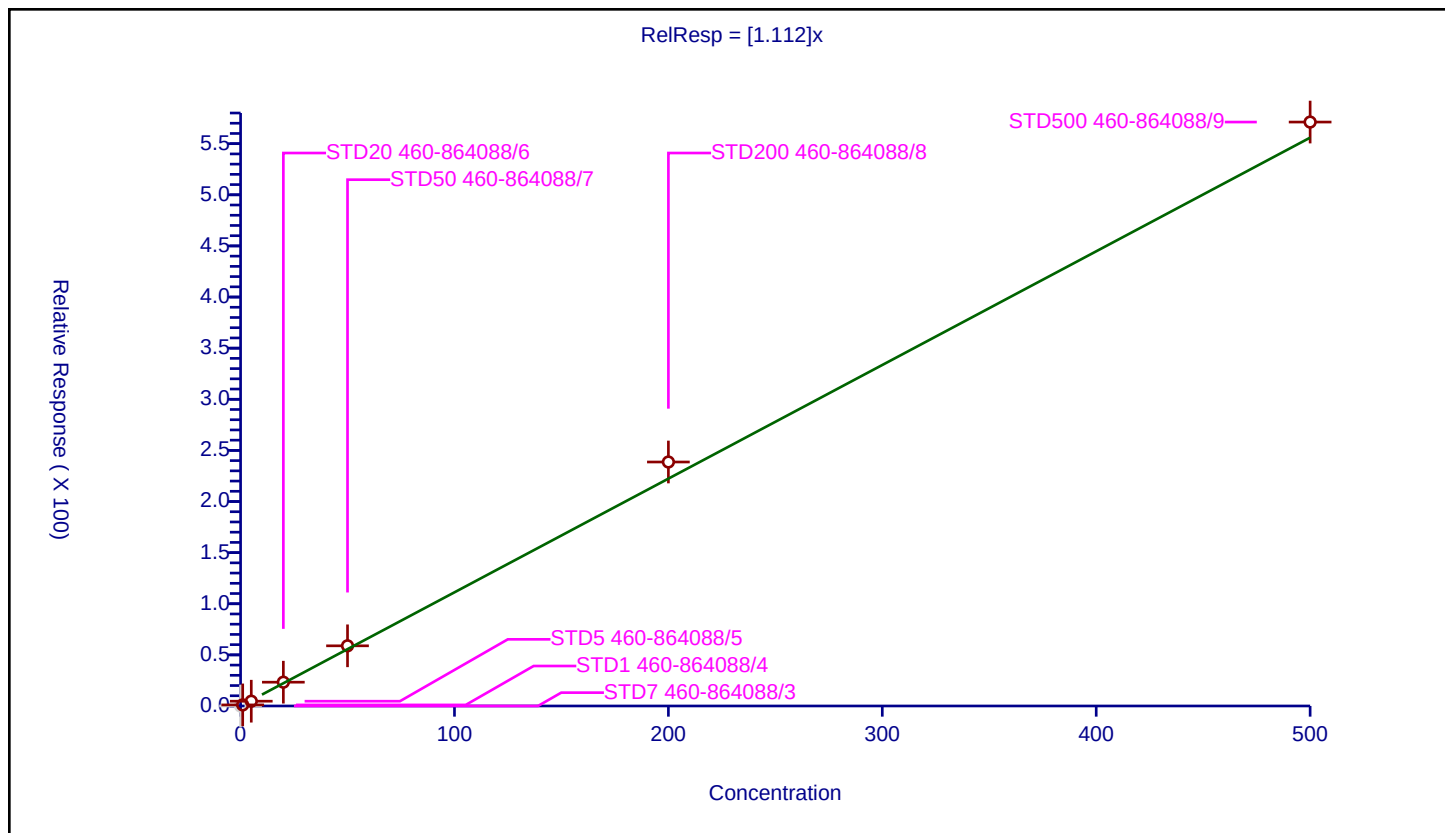
Curve Coefficients

Intercept: 0
 Slope: 1.112

Error Coefficients

Standard Error: 1330000
 Relative Standard Error: 8.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.056396	50.0	189181.0	1.056396	Y
3	STD5 460-864088/5	5.0	4.685518	50.0	192316.0	0.937104	Y
4	STD20 460-864088/6	20.0	23.288157	50.0	188817.0	1.164408	Y
5	STD50 460-864088/7	50.0	58.869039	50.0	200281.0	1.177381	Y
6	STD200 460-864088/8	200.0	238.648708	50.0	215231.0	1.193244	Y
7	STD500 460-864088/9	500.0	571.156796	50.0	243163.0	1.142314	Y



Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

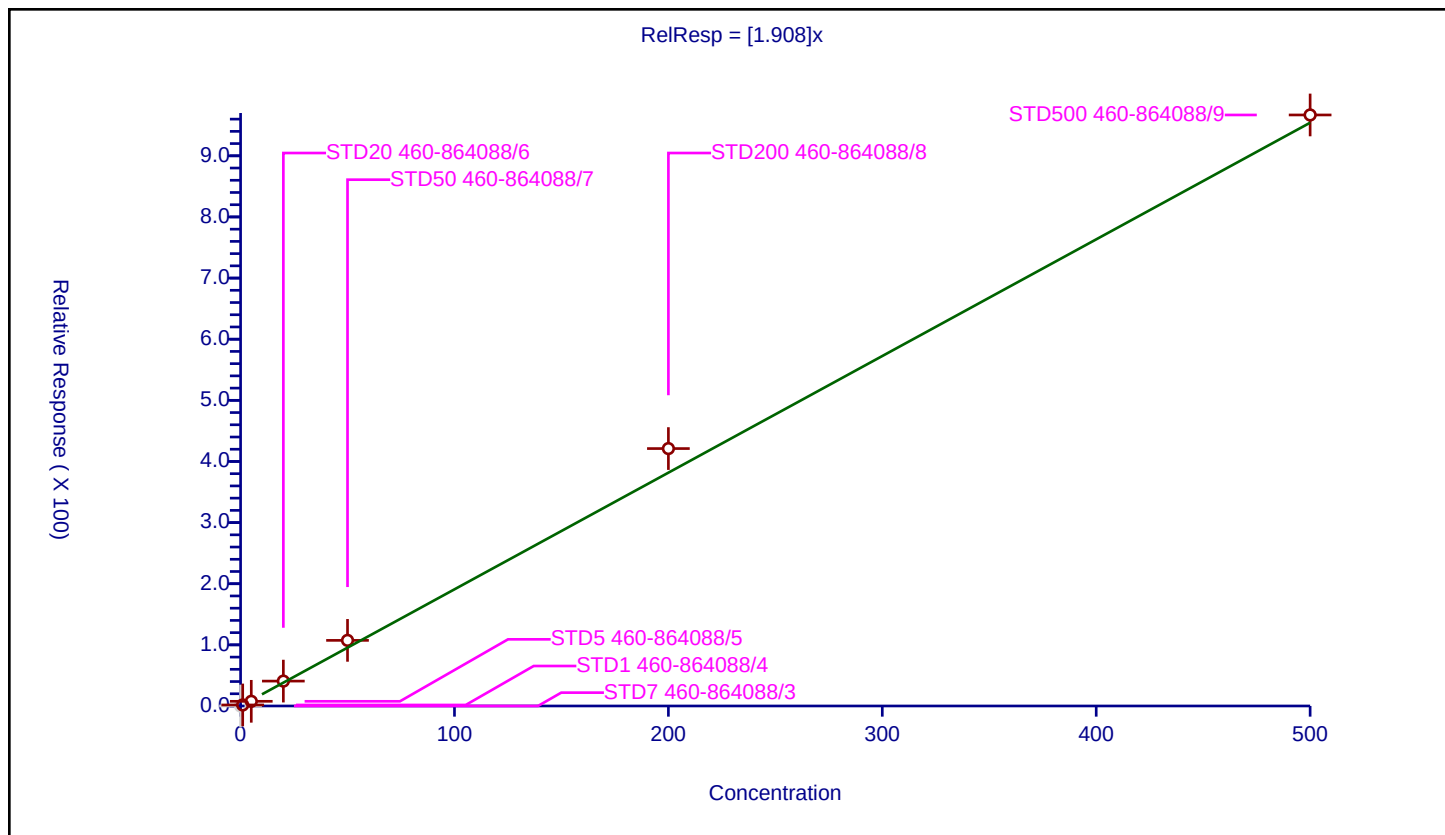
Curve Coefficients

Intercept: 0
 Slope: 1.908

Error Coefficients

Standard Error: 2260000
 Relative Standard Error: 12.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.697581	50.0	189181.0	1.697581	Y
3	STD5 460-864088/5	5.0	7.651989	50.0	192316.0	1.530398	Y
4	STD20 460-864088/6	20.0	40.725941	50.0	188817.0	2.036297	Y
5	STD50 460-864088/7	50.0	107.31647	50.0	200281.0	2.146329	Y
6	STD200 460-864088/8	200.0	421.095474	50.0	215231.0	2.105477	Y
7	STD500 460-864088/9	500.0	966.803955	50.0	243163.0	1.933608	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

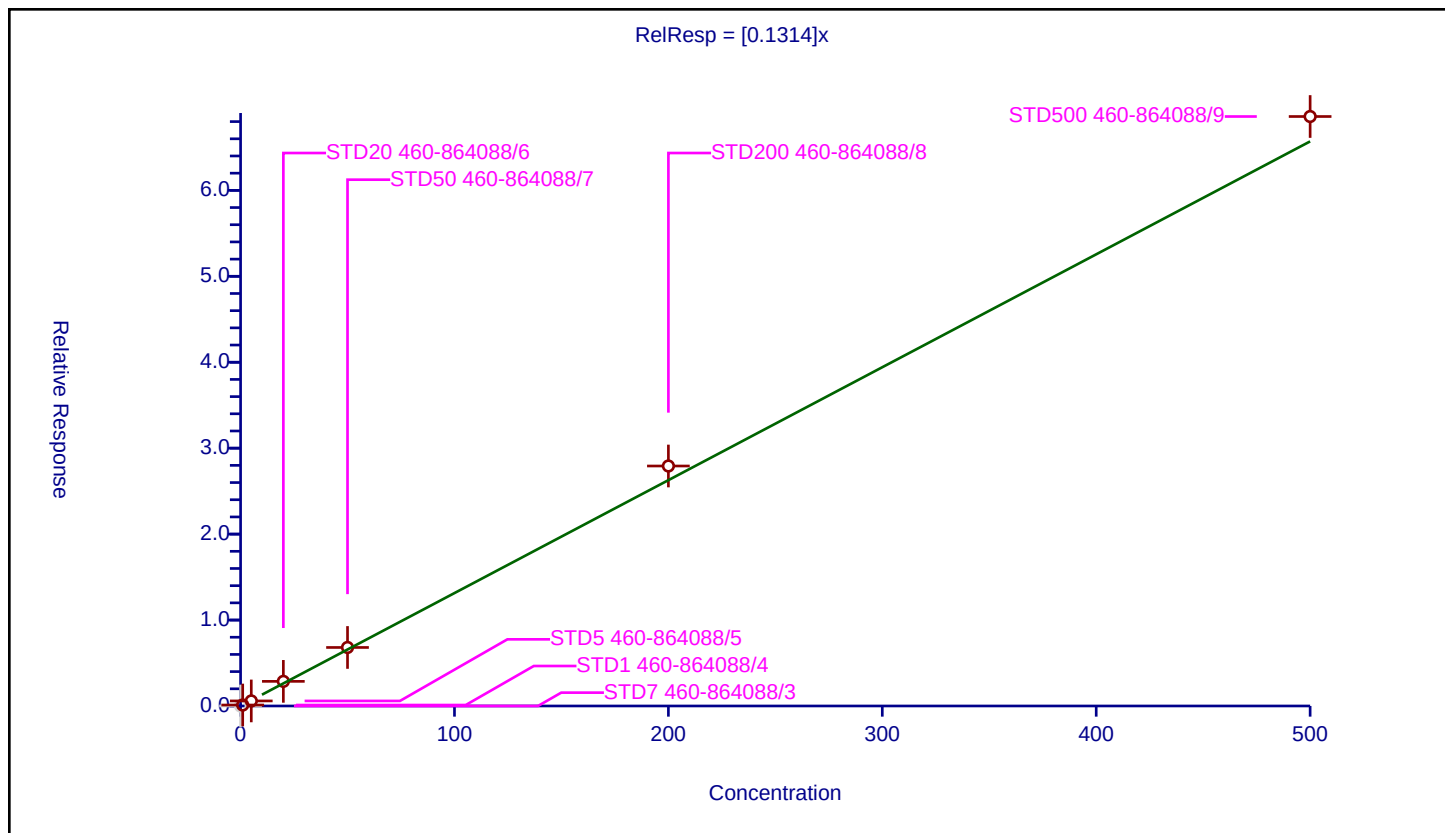
Curve Coefficients

Intercept: 0
 Slope: 0.1314

Error Coefficients

Standard Error: 159000
 Relative Standard Error: 9.3
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.114705	50.0	189181.0	0.114705	Y
3	STD5 460-864088/5	5.0	0.586535	50.0	192316.0	0.117307	Y
4	STD20 460-864088/6	20.0	2.866267	50.0	188817.0	0.143313	Y
5	STD50 460-864088/7	50.0	6.810182	50.0	200281.0	0.136204	Y
6	STD200 460-864088/8	200.0	27.926971	50.0	215231.0	0.139635	Y
7	STD500 460-864088/9	500.0	68.593701	50.0	243163.0	0.137187	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

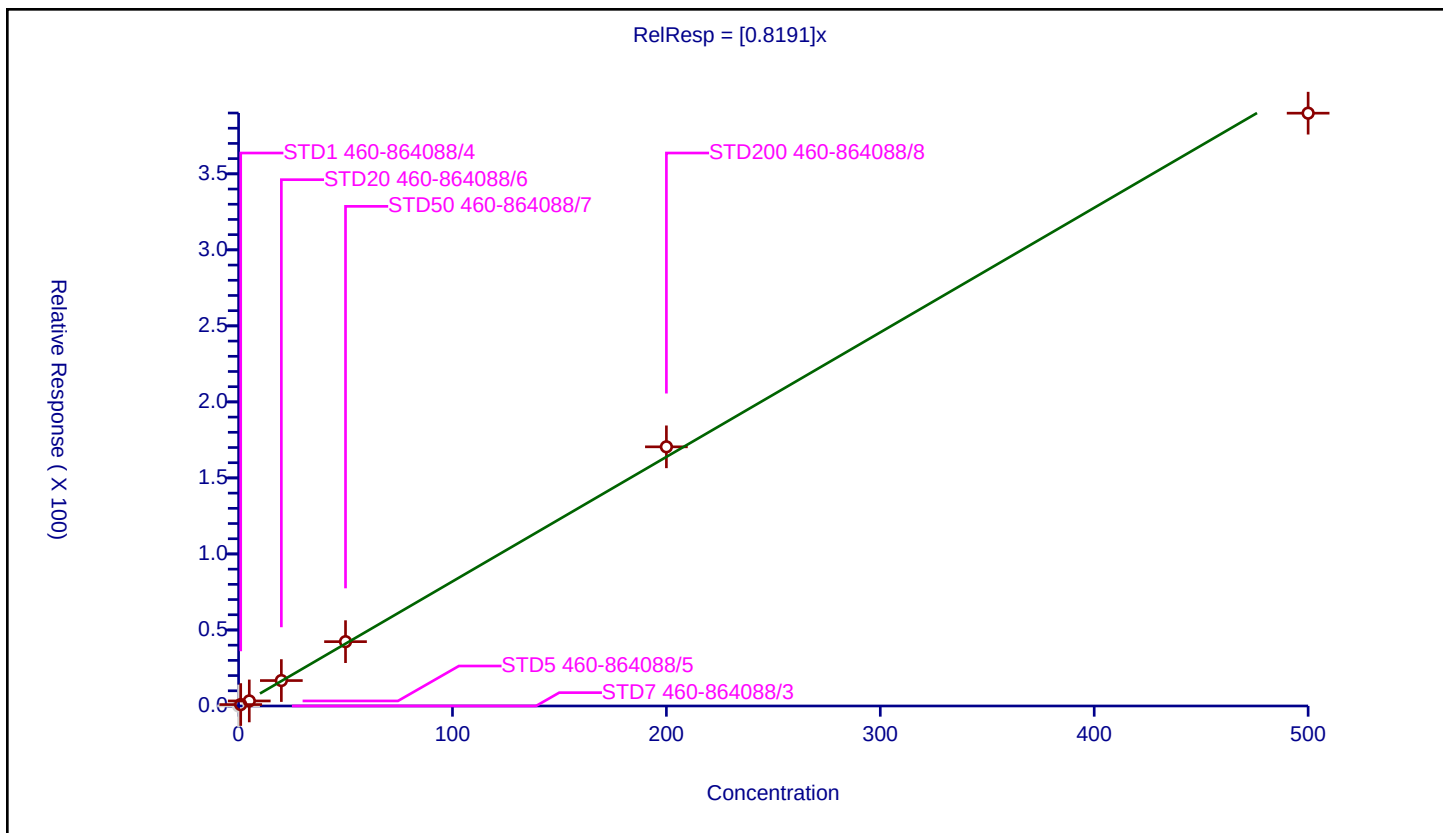
Curve Coefficients

Intercept: 0
 Slope: 0.8191

Error Coefficients

Standard Error: 913000
 Relative Standard Error: 11.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.934819	50.0	189181.0	0.934819	Y
3	STD5 460-864088/5	5.0	3.328116	50.0	192316.0	0.665623	Y
4	STD20 460-864088/6	20.0	16.724659	50.0	188817.0	0.836233	Y
5	STD50 460-864088/7	50.0	42.308556	50.0	200281.0	0.846171	Y
6	STD200 460-864088/8	200.0	170.449192	50.0	215231.0	0.852246	Y
7	STD500 460-864088/9	500.0	389.896489	50.0	243163.0	0.779793	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

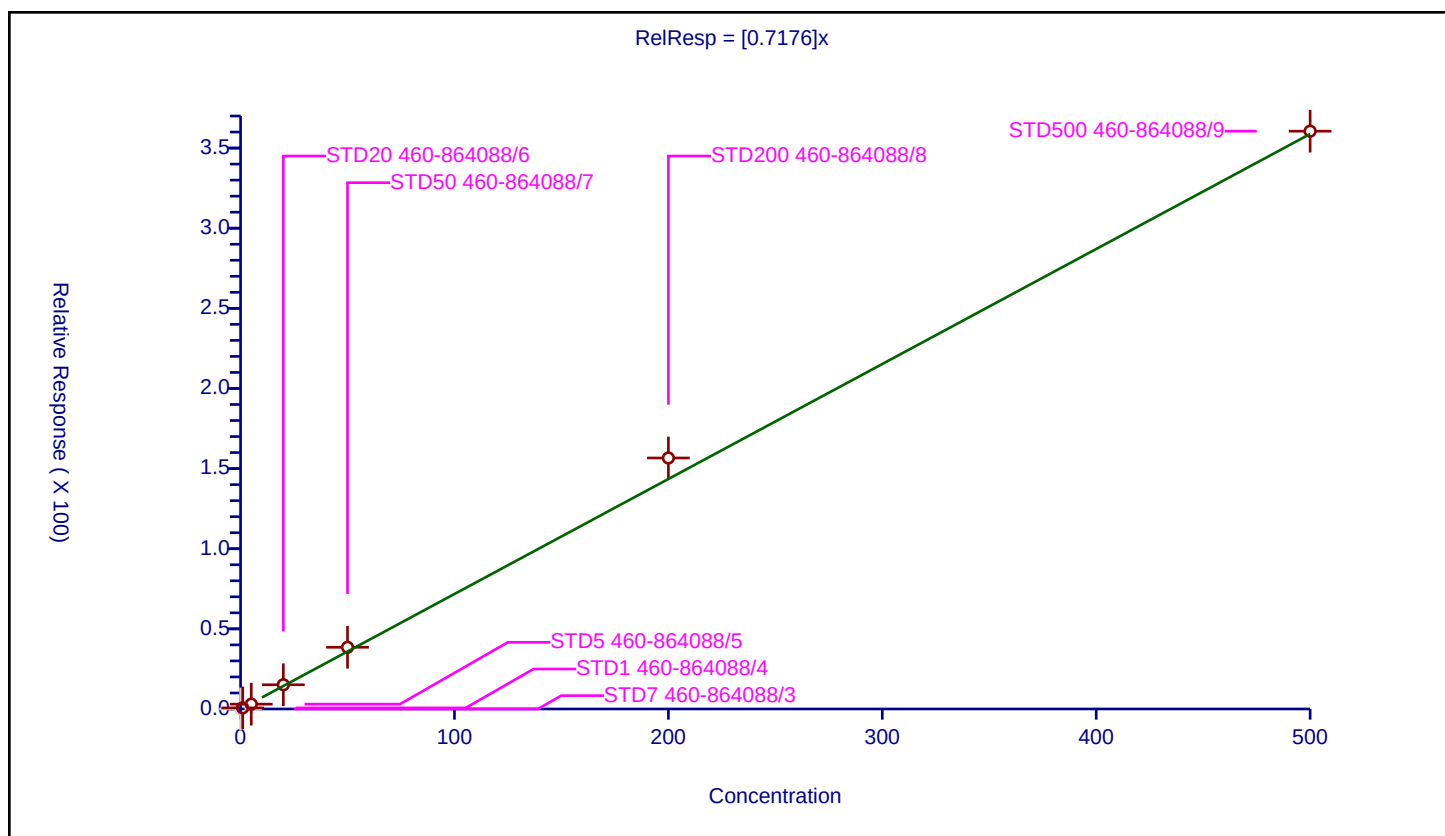
Curve Coefficients

Intercept: 0
 Slope: 0.7176

Error Coefficients

Standard Error: 843000
 Relative Standard Error: 9.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.672108	50.0	189181.0	0.672108	Y
3	STD5 460-864088/5	5.0	3.01509	50.0	192316.0	0.603018	Y
4	STD20 460-864088/6	20.0	15.119137	50.0	188817.0	0.755957	Y
5	STD50 460-864088/7	50.0	38.50565	50.0	200281.0	0.770113	Y
6	STD200 460-864088/8	200.0	156.616147	50.0	215231.0	0.783081	Y
7	STD500 460-864088/9	500.0	360.526273	50.0	243163.0	0.721053	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

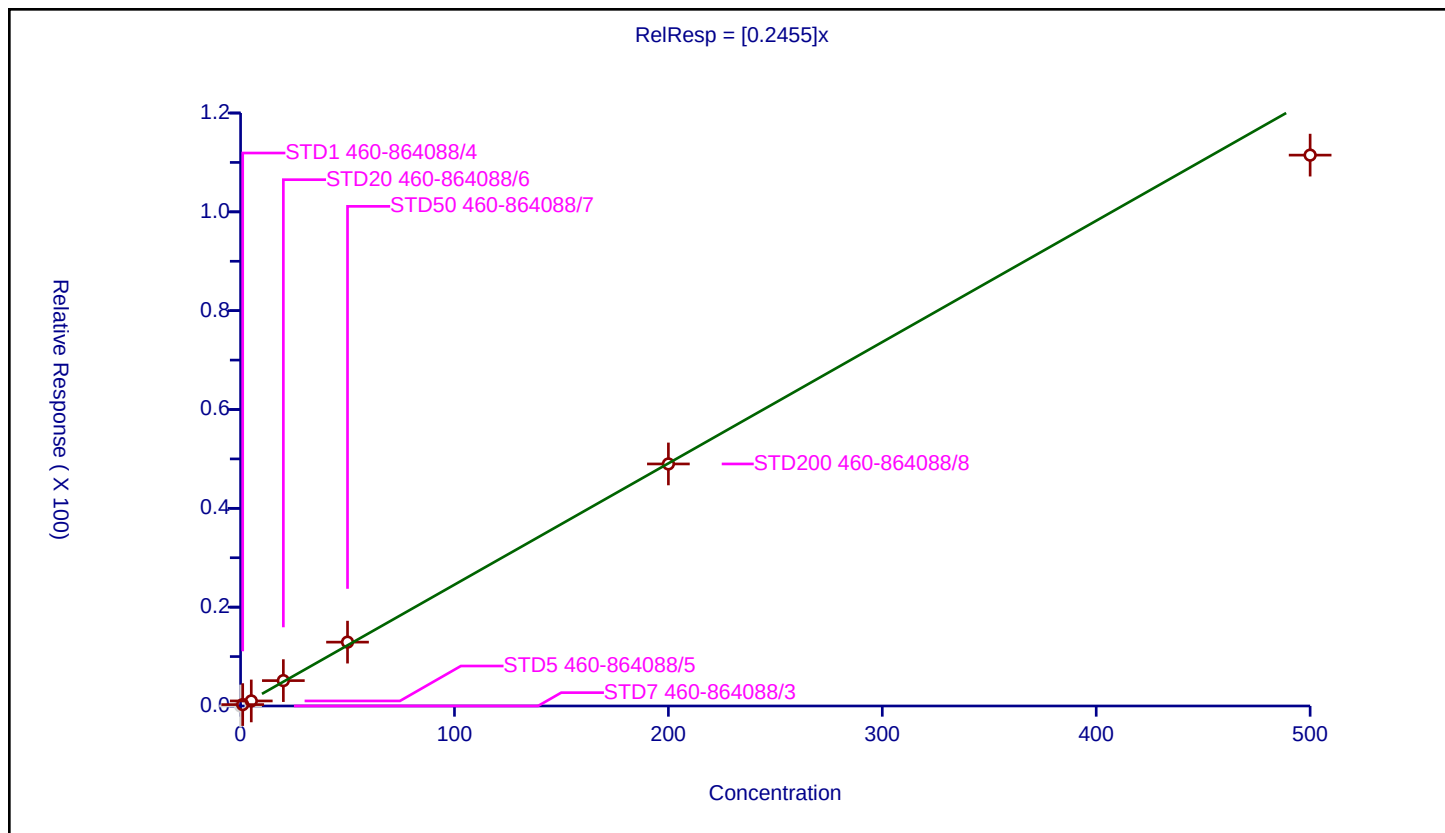
Curve Coefficients

Intercept: 0
 Slope: 0.2455

Error Coefficients

Standard Error: 261000
 Relative Standard Error: 11.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.285441	50.0	189181.0	0.285441	Y
3	STD5 460-864088/5	5.0	1.022276	50.0	192316.0	0.204455	Y
4	STD20 460-864088/6	20.0	5.135131	50.0	188817.0	0.256757	Y
5	STD50 460-864088/7	50.0	12.923093	50.0	200281.0	0.258462	Y
6	STD200 460-864088/8	200.0	48.982489	50.0	215231.0	0.244912	Y
7	STD500 460-864088/9	500.0	111.478103	50.0	243163.0	0.222956	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

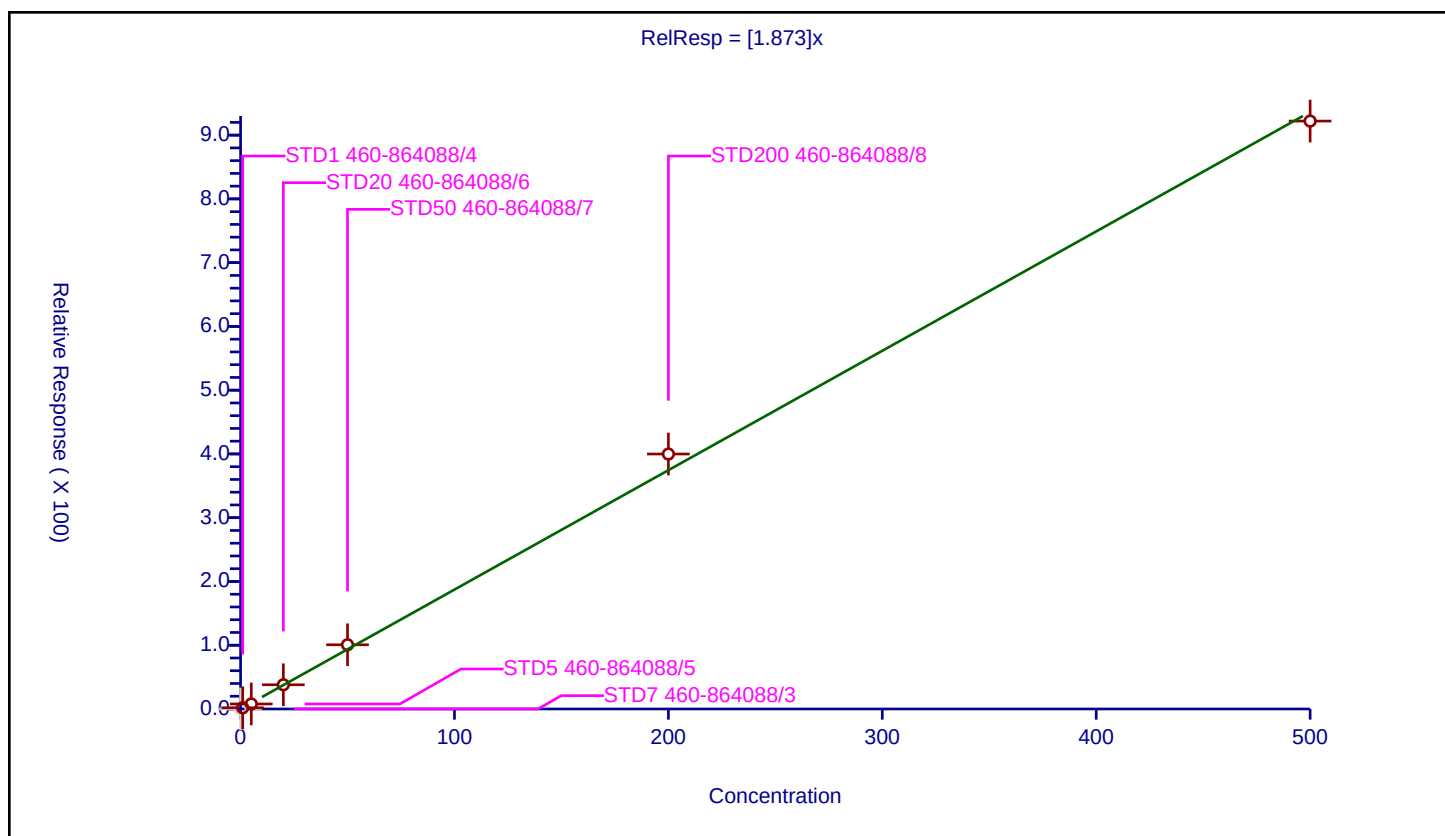
Curve Coefficients

Intercept: 0
Slope: 1.873

Error Coefficients

Standard Error: 2160000
Relative Standard Error: 8.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.903468	50.0	189181.0	1.903468	Y
3	STD5 460-864088/5	5.0	7.87532	50.0	192316.0	1.575064	Y
4	STD20 460-864088/6	20.0	37.985986	50.0	188817.0	1.899299	Y
5	STD50 460-864088/7	50.0	100.705758	50.0	200281.0	2.014115	Y
6	STD200 460-864088/8	200.0	399.888724	50.0	215231.0	1.999444	Y
7	STD500 460-864088/9	500.0	922.054959	50.0	243163.0	1.84411	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

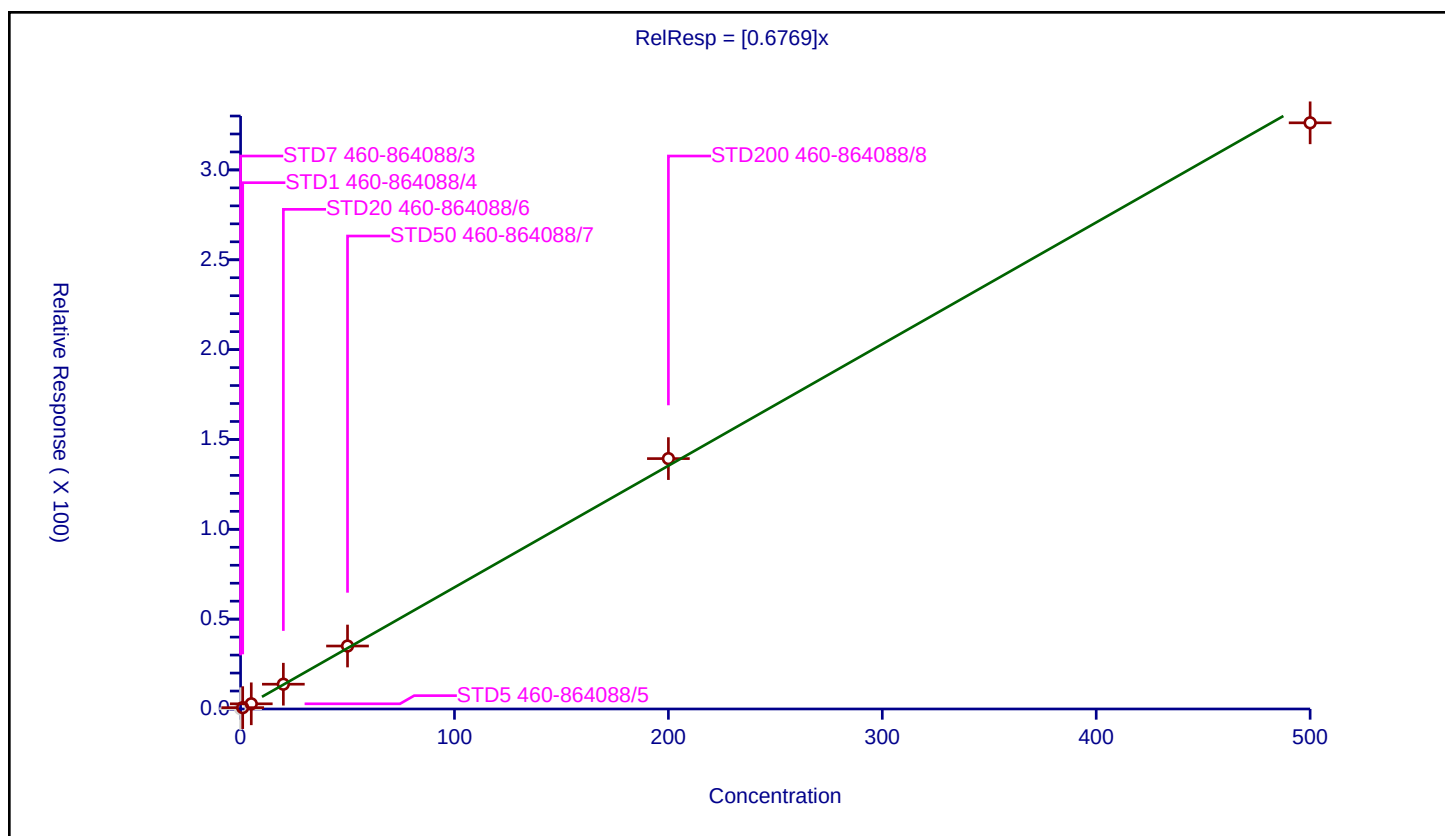
Curve Coefficients

Intercept: 0
 Slope: 0.6769

Error Coefficients

Standard Error: 761000
 Relative Standard Error: 8.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.157112	50.0	190947.0		N
2	STD1 460-864088/4	1.0	0.745318	50.0	189181.0	0.745318	Y
3	STD5 460-864088/5	5.0	2.881975	50.0	192316.0	0.576395	Y
4	STD20 460-864088/6	20.0	13.795368	50.0	188817.0	0.689768	Y
5	STD50 460-864088/7	50.0	35.047009	50.0	200281.0	0.70094	Y
6	STD200 460-864088/8	200.0	139.340755	50.0	215231.0	0.696704	Y
7	STD500 460-864088/9	500.0	326.216982	50.0	243163.0	0.652434	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Lab Sample ID: ICV 460-864088/17 Calibration Date: 08/31/2022 18:48

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79492.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0238	0.0154		12.9	20.0	-35.4*	30.0
Dichlorodifluoromethane	Ave	0.3349	0.3524	0.1000	21.0	20.0	5.2	30.0
Chlorodifluoromethane	Ave	0.0510	0.0475		18.6	20.0	-6.8	30.0
Chloromethane	Ave	0.4443	0.4434	0.1000	20.0	20.0	-0.2	30.0
Vinyl chloride	Ave	0.3265	0.3888	0.1000	23.8	20.0	19.1	30.0
Butadiene	Ave	0.3332	0.3180		19.1	20.0	-4.6	30.0
Bromomethane	Ave	0.1444	0.1604	0.1000	22.2	20.0	11.0	30.0
Chloroethane	Ave	0.1670	0.1902	0.1000	22.8	20.0	13.9	30.0
Dichlorofluoromethane	Ave	0.5047	0.5278		20.9	20.0	4.6	30.0
Trichlorofluoromethane	Ave	0.3533	0.3879	0.1000	22.0	20.0	9.8	30.0
Pentane	Ave	0.4518	0.5382		47.6	40.0	19.1	30.0
Ethanol	Ave	0.0421	0.0297		565	800	-29.4	30.0
Ethyl ether	Ave	0.2009	0.2116		21.1	20.0	5.3	30.0
2-Methyl-1,3-butadiene	Ave	0.2532	0.2845		22.5	20.0	12.4	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.1576	0.1768		22.4	20.0	12.2	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3269	0.3623		22.2	20.0	10.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2145	0.2256	0.1000	21.0	20.0	5.2	30.0
Acrolein	Ave	1.601	1.692		42.3	40.1	5.7	30.0
1,1-Dichloroethene	Ave	0.1963	0.2138	0.1000	21.8	20.0	8.9	30.0
Acetone	Ave	0.5987	0.5591	0.0500	93.4	100	-6.6	30.0
Iodomethane	QuaF		0.1594		11.8	20.0	-40.8*	30.0
Carbon disulfide	Ave	0.7924	0.8163	0.1000	20.6	20.0	3.0	30.0
Isopropyl alcohol	Ave	0.5183	0.3825		148	200	-26.2	30.0
3-Chloro-1-propene	Ave	0.1393	0.1423		20.4	20.0	2.2	30.0
Cyclopentene	Ave	0.6179	0.6677		21.6	20.0	8.1	30.0
Methyl acetate	Ave	0.2147	0.2323	0.1000	43.3	40.0	8.2	30.0
Acetonitrile	Ave	1.579	1.545		196	200	-2.2	30.0
Methylene Chloride	Ave	0.2528	0.2583	0.1000	20.4	20.0	2.2	30.0
2-Methyl-2-propanol	Ave	0.7223	0.6087		169	200	-15.7	30.0
Methyl tert-butyl ether	Ave	0.6347	0.6599	0.1000	20.8	20.0	4.0	30.0
trans-1,2-Dichloroethene	Ave	0.2243	0.2363	0.1000	21.1	20.0	5.4	30.0
Acrylonitrile	Ave	4.469	4.513		202	200	1.0	30.0
Hexane	Ave	0.3245	0.3270		20.2	20.0	0.8	30.0
Isopropyl ether	Ave	0.9646	1.089		22.6	20.0	12.9	30.0
1,1-Dichloroethane	Ave	0.4900	0.5151	0.2000	21.0	20.0	5.1	30.0
Vinyl acetate	Ave	0.5867	0.3757		25.6	40.0	-36.0*	30.0
2-Chloro-1,3-butadiene	Ave	0.1990	0.2162		21.7	20.0	8.7	30.0
Tert-butyl ethyl ether	Ave	0.7200	0.8025		22.3	20.0	11.5	30.0
2,2-Dichloropropane	Ave	0.1135	0.1051		18.5	20.0	-7.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Lab Sample ID: ICV 460-864088/17 Calibration Date: 08/31/2022 18:48

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79492.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
cis-1,2-Dichloroethene	Ave	0.2395	0.2499	0.1000	20.9	20.0	4.3	30.0
2-Butanone (MEK)	Ave	0.1819	0.1758	0.0500	96.6	100	-3.4	30.0
Ethyl acetate	Ave	0.1745	0.1887		43.3	40.0	8.2	30.0
Methyl acrylate	Ave	0.2152	0.2282		21.2	20.0	6.0	30.0
Propionitrile	Ave	1.526	1.560		204	200	2.2	30.0
Chlorobromomethane	Ave	0.1156	0.1205		20.9	20.0	4.3	30.0
Tetrahydrofuran	Ave	0.1916	0.1948		40.7	40.0	1.6	30.0
Methacrylonitrile	Ave	0.0962	0.1020		212	200	6.0	30.0
Chloroform	Ave	0.4219	0.4296	0.2000	20.4	20.0	1.8	30.0
Cyclohexane	Ave	0.3116	0.3248	0.1000	20.8	20.0	4.2	30.0
1,1,1-Trichloroethane	Ave	0.3302	0.3443	0.1000	20.9	20.0	4.3	30.0
Carbon tetrachloride	Ave	0.2860	0.2936	0.1000	20.5	20.0	2.7	30.0
1,1-Dichloropropene	Ave	0.3285	0.3392		20.7	20.0	3.3	30.0
Isobutyl alcohol	Ave	0.6017	0.5292		440	500	-12.0	30.0
Isooctane	Ave	0.5835	0.5782		19.8	20.0	-0.9	30.0
Benzene	Ave	1.241	1.308	0.5000	21.1	20.0	5.3	30.0
Isopropyl acetate	Ave	0.7945	0.8562		21.6	20.0	7.8	30.0
Tert-amyl methyl ether	Ave	0.2068	0.2516		24.3	20.0	21.6	30.0
1,2-Dichloroethane	Ave	0.3596	0.3644	0.1000	20.3	20.0	1.3	30.0
n-Heptane	Ave	0.1240	0.1233		19.9	20.0	-0.6	30.0
n-Butanol	Ave	0.1560	0.1030		330	500	-33.9*	30.0
Trichloroethene	Ave	0.2351	0.2511	0.2000	21.4	20.0	6.8	30.0
Methylcyclohexane	Ave	0.3212	0.3407	0.1000	21.2	20.0	6.1	30.0
Ethyl acrylate	Ave	0.6012	0.6364		21.2	20.0	5.9	30.0
1,2-Dichloropropane	Ave	0.2851	0.2939	0.1000	20.6	20.0	3.1	30.0
Methyl methacrylate	Ave	0.0474	0.0504		42.6	40.0	6.4	30.0
1,4-Dioxane	QuaF		0.3296		351	400	-12.2	30.0
Dibromomethane	Ave	0.1595	0.1623		20.4	20.0	1.8	30.0
n-Propyl acetate	Ave	0.3939	0.4193		21.3	20.0	6.4	30.0
Bromodichloromethane	Ave	0.3319	0.3364	0.2000	20.3	20.0	1.3	30.0
2-Nitropropane	Ave	3.438	3.085		35.9	40.0	-10.3	30.0
2-Chloroethyl vinyl ether	Ave	0.1555	0.1626		20.9	20.0	4.5	30.0
Epichlorohydrin	Ave	0.1564	0.1708		21.8	20.0	9.2	30.0
cis-1,3-Dichloropropene	Ave	0.5550	0.5451	0.2000	19.6	20.0	-1.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.907	2.059	0.0500	108	100	8.0	30.0
Toluene	Ave	1.250	1.318	0.4000	21.1	20.0	5.4	30.0
trans-1,3-Dichloropropene	Ave	0.4874	0.4796	0.1000	19.7	20.0	-1.6	30.0
Ethyl methacrylate	Ave	0.2685	0.2635		19.6	20.0	-1.9	30.0
1,1,2-Trichloroethane	Ave	0.2572	0.2692	0.1000	20.9	20.0	4.6	30.0
Tetrachloroethene	Ave	0.2812	0.2913	0.2000	20.7	20.0	3.6	30.0
1,3-Dichloropropane	Ave	0.4974	0.4941		19.9	20.0	-0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Lab Sample ID: ICV 460-864088/17 Calibration Date: 08/31/2022 18:48

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79492.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.6155	0.6255	0.0500	102	100	1.6	30.0
n-Butyl acetate	Ave	0.5459	0.5775		21.2	20.0	5.8	30.0
Chlorodibromomethane	Ave	0.3050	0.3050	0.1000	20.0	20.0	0.0	30.0
Ethylene Dibromide	Ave	0.2860	0.2927	0.1000	20.5	20.0	2.4	30.0
Chlorobenzene	Ave	0.8086	0.8484	0.5000	21.0	20.0	4.9	30.0
Ethylbenzene	Ave	0.4135	0.4175	0.1000	20.2	20.0	1.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2852	0.2892		20.3	20.0	1.4	30.0
m-Xylene & p-Xylene	Ave	0.4964	0.5131	0.1000	20.7	20.0	3.4	30.0
n-Butyl acrylate	Ave	0.2205	0.2223		20.2	20.0	0.8	30.0
o-Xylene	Ave	0.5040	0.5186	0.3000	20.6	20.0	2.9	30.0
Styrene	Ave	0.8239	0.8550	0.3000	20.8	20.0	3.8	30.0
Amyl acetate (mixed isomers)	Ave	1.156	1.163		20.1	20.0	0.6	30.0
Bromoform	Ave	0.1974	0.1928	0.1000	19.5	20.0	-2.3	30.0
Isopropylbenzene	Ave	1.198	1.257	0.1000	21.0	20.0	4.9	30.0
Bromobenzene	Ave	0.6153	0.6124		19.9	20.0	-0.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7271	0.6715	0.3000	18.5	20.0	-7.6	30.0
N-Propylbenzene	Ave	2.806	2.825		20.1	20.0	0.7	30.0
1,2,3-Trichloropropane	Ave	0.1640	0.1687		20.6	20.0	2.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2344	0.2194		18.7	20.0	-6.4	30.0
2-Chlorotoluene	Ave	1.987	2.002		20.1	20.0	0.7	30.0
4-Ethyltoluene	Ave	2.284	2.351		20.6	20.0	2.9	30.0
1,3,5-Trimethylbenzene	Ave	1.897	1.933		20.4	20.0	1.9	30.0
4-Chlorotoluene	Ave	1.865	1.849		19.8	20.0	-0.9	30.0
Butyl Methacrylate	QuaF		0.6741		16.8	20.0	-16.0	30.0
tert-Butylbenzene	Ave	1.504	1.516		20.2	20.0	0.8	30.0
1,2,4-Trimethylbenzene	Ave	1.977	2.021		20.4	20.0	2.2	30.0
sec-Butylbenzene	Ave	2.230	2.320		20.8	20.0	4.1	30.0
1,3-Dichlorobenzene	Ave	1.127	1.113	0.6000	19.8	20.0	-1.2	30.0
4-Isopropyltoluene	Ave	1.907	1.920		20.1	20.0	0.7	30.0
1,4-Dichlorobenzene	Ave	1.176	1.167	0.5000	19.8	20.0	-0.8	30.0
1,2,3-Trimethylbenzene	Ave	2.138	2.222		20.8	20.0	3.9	30.0
Benzyl chloride	Ave	1.204	1.056		17.5	20.0	-12.3	30.0
Indan	Ave	2.047	2.179		21.3	20.0	6.4	30.0
p-Diethylbenzene	Ave	0.9785	1.151		23.5	20.0	17.6	30.0
n-Butylbenzene	Ave	1.003	0.9762		19.5	20.0	-2.7	30.0
1,2-Dichlorobenzene	Ave	1.112	1.120	0.4000	20.1	20.0	0.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.908	1.958		20.5	20.0	2.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1314	0.1215	0.0500	18.5	20.0	-7.5	30.0
1,3,5-Trichlorobenzene	Ave	0.8191	0.7811		19.1	20.0	-4.6	30.0
1,2,4-Trichlorobenzene	Ave	0.7176	0.7112	0.2000	19.8	20.0	-0.9	30.0
Hexachlorobutadiene	Ave	0.2455	0.2477		20.2	20.0	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264728-1
 SDG No.: _____
 Lab Sample ID: ICV 460-864088/17 Calibration Date: 08/31/2022 18:48
 Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27
 Lab File ID: J79492.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
Naphthalene	Ave	1.873	1.820		19.4	20.0	-2.8	30.0
1,2,3-Trichlorobenzene	Ave	0.6769	0.6330		18.7	20.0	-6.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2229	0.2239		50.2	50.0	0.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2913	0.2817		48.4	50.0	-3.3	30.0
Toluene-d8 (Surr)	Ave	1.091	1.122		51.4	50.0	2.8	30.0
4-Bromofluorobenzene	Ave	0.3408	0.3433		50.4	50.0	0.7	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79492.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 31-Aug-2022 18:48:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0149864-017
 Operator ID: Instrument ID: CVOAMS8
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:12:15 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1631

First Level Reviewer: W9CM

Date: 02-Sep-2022 11:53:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.261	1.265	-0.004	95	2917	20.0	12.9	
4 Dichlorodifluoromethane	85	1.284	1.288	-0.004	99	66857	20.0	21.0	
5 Chlorodifluoromethane	67	1.318	1.310	0.008	97	9018	20.0	18.6	
6 Chloromethane	50	1.444	1.447	-0.003	99	84118	20.0	20.0	
7 Vinyl chloride	62	1.524	1.527	-0.003	99	73764	20.0	23.8	
8 Butadiene	54	1.547	1.539	0.008	95	60322	20.0	19.1	
9 Bromomethane	94	1.787	1.790	-0.003	99	30422	20.0	22.2	
10 Chloroethane	64	1.866	1.858	0.008	98	36092	20.0	22.8	
12 Dichlorofluoromethane	67	2.015	2.018	-0.003	94	100136	20.0	20.9	
11 Trichlorofluoromethane	101	2.026	2.018	0.008	97	73590	20.0	22.0	
13 Pentane	43	2.061	2.064	-0.003	96	204193	40.0	47.6	
14 Ethanol	46	2.198	2.201	-0.003	93	5005	800.0	565.1	
15 Ethyl ether	59	2.243	2.247	-0.004	92	40137	20.0	21.1	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	96	53967	20.0	22.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.289	2.281	0.008	97	33545	20.0	22.4	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.335	2.338	-0.003	97	68737	20.0	22.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	96	42807	20.0	21.0	
19 Acrolein	56	2.403	2.406	-0.003	95	14264	40.1	42.3	
21 1,1-Dichloroethene	96	2.426	2.429	-0.003	95	40552	20.0	21.8	
22 Acetone	43	2.517	2.521	-0.004	85	69710	100.0	93.4	
23 Iodomethane	142	2.574	2.566	0.008	99	30244	20.0	11.8	
24 Carbon disulfide	76	2.597	2.601	-0.004	100	154859	20.0	20.6	
25 Isopropyl alcohol	45	2.597	2.601	-0.004	29	16098	200.0	147.6	
26 3-Chloro-1-propene	76	2.723	2.726	-0.003	94	26996	20.0	20.4	
27 Cyclopentene	67	2.746	2.738	0.008	95	126665	20.0	21.6	
28 Methyl acetate	43	2.746	2.738	0.008	84	88152	40.0	43.3	
29 Acetonitrile	41	2.791	2.795	-0.004	98	65024	200.0	195.7	
* 30 TBA-d9 (IS)	65	2.848	2.852	-0.004	92	210422	1000.0	1000.0	
31 Methylene Chloride	84	2.848	2.852	-0.004	54	48995	20.0	20.4	a
32 2-Methyl-2-propanol	59	2.905	2.909	-0.004	98	25618	200.0	168.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.997	3.000	-0.003	97	125190	20.0	20.8	
34 trans-1,2-Dichloroethene	96	3.020	3.023	-0.003	98	44834	20.0	21.1	
35 Acrylonitrile	53	3.099	3.092	0.007	94	189938	200.0	202.0	
36 Hexane	57	3.168	3.171	-0.003	93	62036	20.0	20.2	
37 Isopropyl ether	45	3.373	3.377	-0.004	97	206534	20.0	22.6	
38 1,1-Dichloroethane	63	3.396	3.400	-0.004	99	97729	20.0	21.0	
39 Vinyl acetate	43	3.419	3.423	-0.004	100	142550	40.0	25.6	
40 2-Chloro-1,3-butadiene	88	3.442	3.445	-0.003	94	41019	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.682	3.685	-0.003	86	152249	20.0	22.3	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	95	311704	250.0	250.0	
42 2,2-Dichloropropane	79	3.876	3.879	-0.003	56	19939	20.0	18.5	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	92	47400	20.0	20.9	
46 2-Butanone (MEK)	72	3.921	3.925	-0.004	95	21914	100.0	96.6	
45 Ethyl acetate	70	3.933	3.936	-0.003	95	9413	40.0	43.3	
47 Methyl acrylate	55	3.979	3.982	-0.003	99	43285	20.0	21.2	
48 Propionitrile	54	4.047	4.051	-0.004	98	65650	200.0	204.4	
50 Chlorobromomethane	128	4.116	4.119	-0.003	97	22860	20.0	20.9	
49 Tetrahydrofuran	72	4.127	4.130	-0.003	83	9713	40.0	40.7	
51 Methacrylonitrile	67	4.150	4.153	-0.003	98	193410	200.0	212.0	
52 Chloroform	83	4.173	4.176	-0.003	96	81497	20.0	20.4	
53 Cyclohexane	84	4.287	4.290	-0.003	98	61614	20.0	20.8	
54 1,1,1-Trichloroethane	97	4.310	4.313	-0.003	97	65310	20.0	20.9	
\$ 55 Dibromofluoromethane (Surr)	113	4.332	4.325	0.007	95	106211	50.0	50.2	
56 Carbon tetrachloride	117	4.424	4.427	-0.003	97	55695	20.0	20.5	
57 1,1-Dichloropropene	75	4.458	4.462	-0.004	92	64355	20.0	20.7	
58 Isobutyl alcohol	43	4.606	4.610	-0.004	93	55679	500.0	439.8	
59 Isooctane	57	4.618	4.621	-0.003	95	109684	20.0	19.8	
60 Benzene	78	4.652	4.656	-0.004	97	187088	20.0	21.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.675	4.667	0.008	0	133625	50.0	48.4	
63 Tert-amyl methyl ether	55	4.721	4.724	-0.003	70	47732	20.0	24.3	
62 Isopropyl acetate	43	4.721	4.724	-0.003	92	162421	20.0	21.6	
64 1,2-Dichloroethane	62	4.743	4.747	-0.004	96	69133	20.0	20.3	
65 n-Heptane	57	4.801	4.804	-0.003	97	23389	20.0	19.9	
* 66 Fluorobenzene	96	4.938	4.941	-0.003	97	474276	50.0	50.0	
67 n-Butanol	56	5.280	5.272	0.008	97	10841	500.0	330.3	
68 Trichloroethene	95	5.280	5.284	-0.004	96	47641	20.0	21.4	
69 Methylcyclohexane	83	5.394	5.398	-0.004	91	64626	20.0	21.2	
70 Ethyl acrylate	55	5.406	5.409	-0.003	98	120732	20.0	21.2	
71 1,2-Dichloropropane	63	5.565	5.569	-0.004	88	55764	20.0	20.6	
* 72 1,4-Dioxane-d8	96	5.634	5.637	-0.003	0	26315	1000.0	1000.0	
73 Methyl methacrylate	100	5.657	5.660	-0.003	94	19136	40.0	42.6	
75 1,4-Dioxane	88	5.691	5.695	-0.004	39	3469	400.0	351.1	
74 Dibromomethane	93	5.702	5.695	0.007	94	30799	20.0	20.4	
76 n-Propyl acetate	43	5.714	5.717	-0.003	98	79538	20.0	21.3	
77 Dichlorobromomethane	83	5.851	5.854	-0.003	98	63815	20.0	20.3	
78 2-Nitropropane	41	6.182	6.185	-0.003	84	25968	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	6.193	6.197	-0.004	75	30838	20.0	20.9	
80 Epichlorohydrin	57	6.296	6.300	-0.004	87	4259	20.0	21.8	
81 cis-1,3-Dichloropropene	75	6.353	6.345	0.008	97	77989	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.513	6.517	-0.004	98	256677	100.0	108.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	98	401129	50.0	51.4	
84 Toluene	91	6.662	6.665	-0.003	93	188535	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
85 trans-1,3-Dichloropropene	75	7.027	7.019	0.008	96	68612	20.0	19.7	
86 Ethyl methacrylate	69	7.061	7.053	0.008	96	49987	20.0	19.6	
87 1,1,2-Trichloroethane	83	7.232	7.236	-0.004	94	38506	20.0	20.9	
88 Tetrachloroethene	166	7.267	7.270	-0.003	94	41680	20.0	20.7	
89 1,3-Dichloropropane	76	7.449	7.441	0.008	97	70691	20.0	19.9	
90 2-Hexanone	58	7.518	7.521	-0.003	99	77985	100.0	101.6	
91 n-Butyl acetate	43	7.632	7.635	-0.003	97	82618	20.0	21.2	
92 Chlorodibromomethane	129	7.678	7.670	0.008	96	43633	20.0	20.0	
93 Ethylene Dibromide	107	7.826	7.829	-0.003	97	41875	20.0	20.5	
* 94 Chlorobenzene-d5	117	8.374	8.377	-0.003	90	357660	50.0	50.0	
95 Chlorobenzene	112	8.408	8.412	-0.004	93	121374	20.0	21.0	
96 Ethylbenzene	106	8.511	8.514	-0.003	99	59731	20.0	20.2	
97 1,1,1,2-Tetrachloroethane	131	8.534	8.537	-0.003	93	41371	20.0	20.3	
98 m-Xylene & p-Xylene	106	8.682	8.674	0.008	0	73408	20.0	20.7	
99 o-Xylene	106	9.196	9.199	-0.003	93	74186	20.0	20.6	
100 n-Butyl acrylate	73	9.196	9.199	-0.003	67	31809	20.0	20.2	
101 Styrene	104	9.230	9.234	-0.004	94	122323	20.0	20.8	
102 Amyl acetate (mixed isomers)	43	9.459	9.462	-0.003	87	92859	20.0	20.1	
103 Bromoform	173	9.459	9.462	-0.003	57	27583	20.0	19.5	
104 Isopropylbenzene	105	9.596	9.599	-0.003	97	179807	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	88	122769	50.0	50.4	
106 Bromobenzene	156	9.915	9.919	-0.004	96	48889	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.972	9.976	-0.004	98	53601	20.0	18.5	
108 N-Propylbenzene	91	9.995	9.987	0.008	98	225533	20.0	20.1	
109 1,2,3-Trichloropropane	110	10.007	10.010	-0.003	95	13466	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	10.029	10.033	-0.004	84	17513	20.0	18.7	
111 2-Chlorotoluene	91	10.087	10.090	-0.003	97	159810	20.0	20.1	
112 4-Ethyltoluene	105	10.098	10.101	-0.003	97	187645	20.0	20.6	
113 1,3,5-Trimethylbenzene	105	10.155	10.159	-0.003	93	154303	20.0	20.4	
114 4-Chlorotoluene	91	10.189	10.181	0.008	98	147574	20.0	19.8	
115 Butyl Methacrylate	87	10.246	10.250	-0.004	96	53811	20.0	16.8	
116 tert-Butylbenzene	119	10.406	10.410	-0.004	92	121032	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	10.452	10.455	-0.003	99	161303	20.0	20.4	
118 sec-Butylbenzene	105	10.577	10.570	0.007	99	185201	20.0	20.8	
120 1,3-Dichlorobenzene	146	10.680	10.684	-0.004	78	88853	20.0	19.8	
119 4-Isopropyltoluene	119	10.680	10.684	-0.004	97	153273	20.0	20.1	
* 121 1,4-Dichlorobenzene-d4	152	10.737	10.741	-0.004	97	199566	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.749	10.752	-0.003	92	93121	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.772	10.764	0.008	99	177413	20.0	20.8	
124 Benzyl chloride	91	10.863	10.855	0.008	98	84271	20.0	17.5	
125 2,3-Dihydroindene	117	10.909	10.901	0.008	94	173919	20.0	21.3	
126 p-Diethylbenzene	119	10.954	10.946	0.008	91	91889	20.0	23.5	
127 n-Butylbenzene	92	10.966	10.969	-0.003	97	77925	20.0	19.5	
128 1,2-Dichlorobenzene	146	11.011	11.015	-0.004	95	89379	20.0	20.1	
129 1,2,4,5-Tetramethylbenzene	119	11.445	11.449	-0.004	97	156283	20.0	20.5	
130 1,2-Dibromo-3-Chloropropane	157	11.514	11.517	-0.003	92	9698	20.0	18.5	
131 1,3,5-Trichlorobenzene	180	11.594	11.597	-0.003	95	62356	20.0	19.1	
132 1,2,4-Trichlorobenzene	180	11.982	11.985	-0.003	94	56771	20.0	19.8	
133 Hexachlorobutadiene	225	12.050	12.054	-0.004	95	19770	20.0	20.2	
134 Naphthalene	128	12.142	12.145	-0.003	99	145246	20.0	19.4	
135 1,2,3-Trichlorobenzene	180	12.301	12.305	-0.004	95	50534	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	41.3	
S 138 Total BTEX	1				0		100.0	103.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN SP_00141	Amount Added: 4.00	Units: uL	
8FreonsSS_00048	Amount Added: 20.00	Units: uL	
GAS C SP_00477	Amount Added: 20.00	Units: uL	
8260 SP_00157	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79492.D

Injection Date: 31-Aug-2022 18:48:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: ICV

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

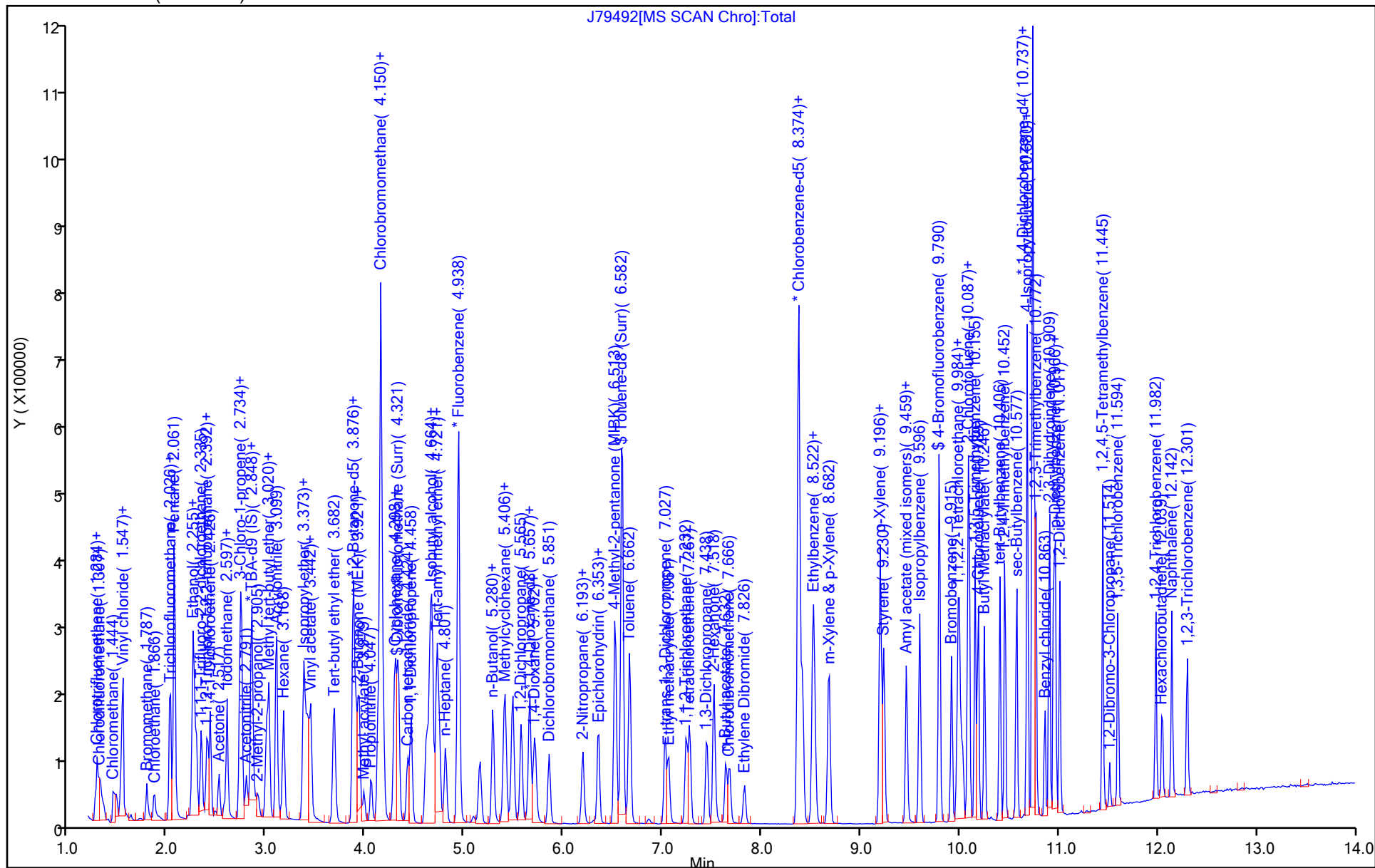
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79492.D

Injection Date: 31-Aug-2022 18:48:30

Instrument ID: CVOAMS8

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

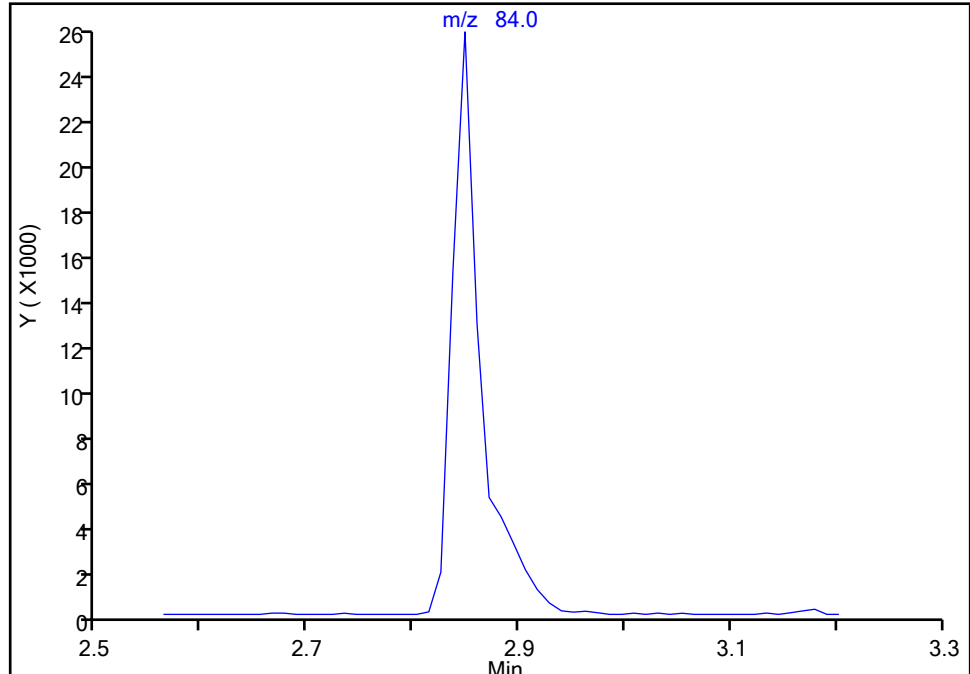
31 Methylene Chloride, CAS: 75-09-2

Signal: 1

Not Detected

Expected RT: 2.85

Processing Integration Results



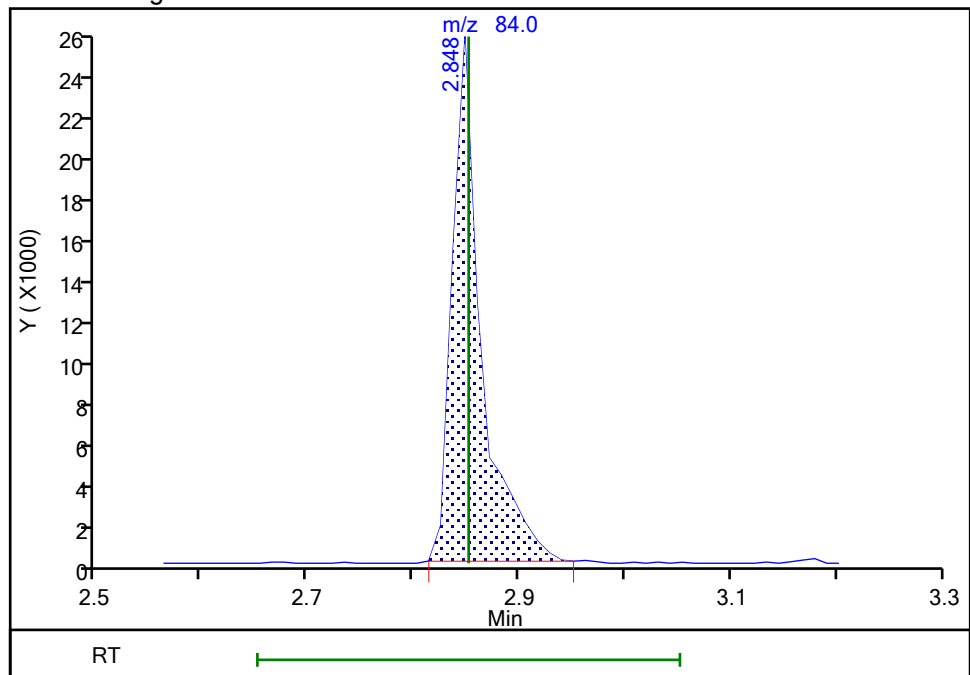
RT: 2.85

Area: 48995

Amount: 20.432365

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 20:06:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865303/3 Calibration Date: 09/08/2022 19:24

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79809.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0238	0.0208		17.4	20.0	-12.8	20.0
Dichlorodifluoromethane	Ave	0.3349	0.2919	0.1000	17.4	20.0	-12.8	20.0
Chlorodifluoromethane	Ave	0.0510	0.0438		17.2	20.0	-14.2	20.0
Chloromethane	Ave	0.4443	0.3735	0.1000	16.8	20.0	-15.9	20.0
Vinyl chloride	Ave	0.3265	0.2745	0.1000	16.8	20.0	-15.9	20.0
Butadiene	Ave	0.3332	0.2595		15.6	20.0	-22.1*	20.0
Bromomethane	Ave	0.1444	0.1231	0.1000	17.1	20.0	-14.7	50.0
Chloroethane	Ave	0.1670	0.1471	0.1000	17.6	20.0	-11.9	50.0
Dichlorofluoromethane	Ave	0.5047	0.4396		17.4	20.0	-12.9	20.0
Trichlorofluoromethane	Ave	0.3533	0.3037	0.1000	17.2	20.0	-14.0	20.0
Pentane	Ave	0.4518	0.3455		30.6	40.0	-23.5*	20.0
Ethanol	Ave	0.0421	0.0717		1360	800	70.3*	50.0
Ethyl ether	Ave	0.2009	0.1774		17.7	20.0	-11.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2532	0.1991		15.7	20.0	-21.4*	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.1576	0.1560		19.8	20.0	-1.0	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3269	0.2943		18.0	20.0	-10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2145	0.1881	0.1000	17.5	20.0	-12.3	20.0
Acrolein	Ave	1.601	1.804		45.1	40.0	12.6	50.0
1,1-Dichloroethene	Ave	0.1963	0.1805	0.1000	18.4	20.0	-8.1	20.0
Acetone	Ave	0.5987	0.5235	0.0500	87.4	100	-12.6	50.0
Iodomethane	QuaF		0.1890		14.0	20.0	-29.8*	20.0
Carbon disulfide	Ave	0.7924	0.7311	0.1000	18.5	20.0	-7.7	50.0
Isopropyl alcohol	Ave	0.5183	0.7785		300	200	50.2*	50.0
3-Chloro-1-propene	Ave	0.1393	0.1308		18.8	20.0	-6.1	20.0
Cyclopentene	Ave	0.6179	0.5153		16.7	20.0	-16.6	20.0
Methyl acetate	Ave	0.2147	0.1868	0.1000	34.8	40.0	-13.0	20.0
Acetonitrile	Ave	1.579	1.687		214	200	6.8	20.0
Methylene Chloride	Ave	0.2528	0.2446	0.1000	19.3	20.0	-3.3	20.0
2-Methyl-2-propanol	Ave	0.7223	0.9632		267	200	33.3	50.0
Methyl tert-butyl ether	Ave	0.6347	0.5719	0.1000	18.0	20.0	-9.9	20.0
trans-1,2-Dichloroethene	Ave	0.2243	0.2094	0.1000	18.7	20.0	-6.7	20.0
Acrylonitrile	Ave	4.469	4.535		203	200	1.5	20.0
Hexane	Ave	0.3245	0.2626		16.2	20.0	-19.1	20.0
Isopropyl ether	Ave	0.9646	0.8378		17.4	20.0	-13.1	20.0
1,1-Dichloroethane	Ave	0.4900	0.4582	0.2000	18.7	20.0	-6.5	20.0
Vinyl acetate	Ave	0.5867	0.5963		40.7	40.0	1.6	20.0
2-Chloro-1,3-butadiene	Ave	0.1990	0.1875		18.8	20.0	-5.8	20.0
Tert-butyl ethyl ether	Ave	0.7200	0.6817		18.9	20.0	-5.3	20.0
2,2-Dichloropropane	Ave	0.1135	0.1119		19.7	20.0	-1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865303/3 Calibration Date: 09/08/2022 19:24

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79809.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
cis-1,2-Dichloroethene	Ave	0.2395	0.2407	0.1000	20.1	20.0	0.5	20.0
2-Butanone (MEK)	Ave	0.1819	0.1846	0.0500	101	100	1.5	50.0
Ethyl acetate	Ave	0.1745	0.1933		44.3	40.0	10.8	20.0
Methyl acrylate	Ave	0.2152	0.1917		17.8	20.0	-10.9	20.0
Propionitrile	Ave	1.526	1.763		231	200	15.5	20.0
Chlorobromomethane	Ave	0.1156	0.1296		22.4	20.0	12.2	20.0
Tetrahydrofuran	Ave	0.1916	0.2009		41.9	40.0	4.8	20.0
Methacrylonitrile	Ave	0.0962	0.0940		195	200	-2.3	20.0
Chloroform	Ave	0.4219	0.4225	0.2000	20.0	20.0	0.1	20.0
Cyclohexane	Ave	0.3116	0.2643	0.1000	17.0	20.0	-15.2	50.0
1,1,1-Trichloroethane	Ave	0.3302	0.3263	0.1000	19.8	20.0	-1.2	20.0
Carbon tetrachloride	Ave	0.2860	0.2822	0.1000	19.7	20.0	-1.3	20.0
1,1-Dichloropropene	Ave	0.3285	0.2948		17.9	20.0	-10.3	20.0
Isobutyl alcohol	Ave	0.6017	0.6919		575	500	15.0	50.0
Isooctane	Ave	0.5835	0.4953		17.0	20.0	-15.1	20.0
Benzene	Ave	1.241	1.197	0.5000	19.3	20.0	-3.6	20.0
Isopropyl acetate	Ave	0.7945	0.7699		19.4	20.0	-3.1	20.0
Tert-amyl methyl ether	Ave	0.2068	0.1840		17.8	20.0	-11.0	20.0
1,2-Dichloroethane	Ave	0.3596	0.3484	0.1000	19.4	20.0	-3.1	20.0
n-Heptane	Ave	0.1240	0.1053		17.0	20.0	-15.1	20.0
n-Butanol	Ave	0.1560	0.2243		719	500	43.8	50.0
Trichloroethene	Ave	0.2351	0.2251	0.2000	19.1	20.0	-4.3	20.0
Methylcyclohexane	Ave	0.3212	0.2769	0.1000	17.2	20.0	-13.8	50.0
Ethyl acrylate	Ave	0.6012	0.5211		17.3	20.0	-13.3	20.0
1,2-Dichloropropane	Ave	0.2851	0.2679	0.1000	18.8	20.0	-6.0	20.0
Methyl methacrylate	Ave	0.0474	0.0475		40.1	40.0	0.3	20.0
1,4-Dioxane	QuaF		0.9807		991	400	147.7*	50.0
Dibromomethane	Ave	0.1595	0.1574		19.7	20.0	-1.3	20.0
n-Propyl acetate	Ave	0.3939	0.3556		18.1	20.0	-9.7	20.0
Bromodichloromethane	Ave	0.3319	0.3161	0.2000	19.0	20.0	-4.8	20.0
2-Chloroethyl vinyl ether	Ave	0.1555	0.1238		16.0	20.0	-20.4*	20.0
2-Nitropropane	Ave	3.438	3.216		37.4	40.0	-6.5	20.0
Epichlorohydrin	Ave	0.1564	0.1687		431	400	7.9	20.0
cis-1,3-Dichloropropene	Ave	0.5550	0.5131	0.2000	18.5	20.0	-7.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.907	1.873	0.0500	98.2	100	-1.8	50.0
Toluene	Ave	1.250	1.162	0.4000	18.6	20.0	-7.0	20.0
trans-1,3-Dichloropropene	Ave	0.4874	0.4368	0.1000	17.9	20.0	-10.4	50.0
Ethyl methacrylate	Ave	0.2685	0.2267		16.9	20.0	-15.6	20.0
1,1,2-Trichloroethane	Ave	0.2572	0.2473	0.1000	19.2	20.0	-3.9	20.0
Tetrachloroethene	Ave	0.2812	0.2952	0.2000	21.0	20.0	4.9	20.0
1,3-Dichloropropane	Ave	0.4974	0.4541		18.3	20.0	-8.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865303/3 Calibration Date: 09/08/2022 19:24

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79809.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.6155	0.5690	0.0500	92.5	100	-7.5	50.0
n-Butyl acetate	Ave	0.5459	0.4548		16.7	20.0	-16.7	20.0
Chlorodibromomethane	Ave	0.3050	0.3079	0.1000	20.2	20.0	1.0	50.0
Ethylene Dibromide	Ave	0.2860	0.2784	0.1000	19.5	20.0	-2.6	20.0
Chlorobenzene	Ave	0.8086	0.8069	0.5000	20.0	20.0	-0.2	20.0
Ethylbenzene	Ave	0.4135	0.3829	0.1000	18.5	20.0	-7.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2852	0.2839		19.9	20.0	-0.4	20.0
m-Xylene & p-Xylene	Ave	0.4964	0.4544	0.1000	18.3	20.0	-8.5	20.0
n-Butyl acrylate	Ave	0.2205	0.1767		16.0	20.0	-19.9	20.0
o-Xylene	Ave	0.5040	0.4652	0.3000	18.5	20.0	-7.7	20.0
Styrene	Ave	0.8239	0.8000	0.3000	19.4	20.0	-2.9	20.0
Amyl acetate (mixed isomers)	Ave	1.156	0.8973		15.5	20.0	-22.4*	20.0
Bromoform	Ave	0.1974	0.2058	0.1000	20.9	20.0	4.3	20.0
Isopropylbenzene	Ave	1.198	1.103	0.1000	18.4	20.0	-7.9	20.0
Bromobenzene	Ave	0.6153	0.6344		20.6	20.0	3.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7271	0.6486	0.3000	17.8	20.0	-10.8	20.0
N-Propylbenzene	Ave	2.806	2.434		17.4	20.0	-13.2	20.0
1,2,3-Trichloropropane	Ave	0.1640	0.1642		20.0	20.0	0.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2344	0.1930		16.5	20.0	-17.7	20.0
2-Chlorotoluene	Ave	1.987	1.785		18.0	20.0	-10.2	20.0
4-Ethyltoluene	Ave	2.284	2.103		18.4	20.0	-7.9	20.0
1,3,5-Trimethylbenzene	Ave	1.897	1.735		18.3	20.0	-8.6	20.0
4-Chlorotoluene	Ave	1.865	1.810		19.4	20.0	-3.0	20.0
Butyl Methacrylate	QuaF		0.5617		14.0	20.0	-30.0*	20.0
tert-Butylbenzene	Ave	1.504	1.377		18.3	20.0	-8.5	20.0
1,2,4-Trimethylbenzene	Ave	1.977	1.824		18.4	20.0	-7.8	20.0
sec-Butylbenzene	Ave	2.230	2.002		18.0	20.0	-10.2	20.0
1,3-Dichlorobenzene	Ave	1.127	1.148	0.6000	20.4	20.0	1.9	20.0
4-Isopropyltoluene	Ave	1.907	1.677		17.6	20.0	-12.1	20.0
1,4-Dichlorobenzene	Ave	1.176	1.189	0.5000	20.2	20.0	1.2	20.0
1,2,3-Trimethylbenzene	Ave	2.138	2.022		18.9	20.0	-5.5	20.0
Benzyl chloride	Ave	1.204	1.157		19.2	20.0	-3.9	50.0
Indan	Ave	2.047	1.947		19.0	20.0	-4.9	20.0
p-Diethylbenzene	Ave	0.9785	0.9248		18.9	20.0	-5.5	20.0
n-Butylbenzene	Ave	1.003	0.8950		17.8	20.0	-10.8	20.0
1,2-Dichlorobenzene	Ave	1.112	1.086	0.4000	19.5	20.0	-2.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.908	1.678		17.6	20.0	-12.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1314	0.1274	0.0500	19.4	20.0	-3.0	50.0
1,3,5-Trichlorobenzene	Ave	0.8191	0.8361		20.4	20.0	2.1	20.0
1,2,4-Trichlorobenzene	Ave	0.7176	0.7442	0.2000	20.7	20.0	3.7	20.0
Hexachlorobutadiene	Ave	0.2455	0.2502		20.4	20.0	1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264728-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-865303/3 Calibration Date: 09/08/2022 19:24
 Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27
 Lab File ID: J79809.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
Naphthalene	Ave	1.873	1.709		18.3	20.0	-8.7	50.0
1,2,3-Trichlorobenzene	Ave	0.6769	0.6811		20.1	20.0	0.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2229	0.2318		52.0	50.0	4.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2913	0.2795		48.0	50.0	-4.1	20.0
Toluene-d8 (Surr)	Ave	1.091	1.067		48.9	50.0	-2.1	20.0
4-Bromofluorobenzene	Ave	0.3408	0.3654		53.6	50.0	7.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79809.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 08-Sep-2022 19:24:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0150151-003
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 08-Sep-2022 19:47:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.265	1.265	0.000	94	4005	20.0	17.4	
4 Dichlorodifluoromethane	85	1.288	1.288	0.000	99	56279	20.0	17.4	
5 Chlorodifluoromethane	67	1.311	1.311	0.000	98	8438	20.0	17.2	
6 Chloromethane	50	1.448	1.448	0.000	99	72018	20.0	16.8	
7 Vinyl chloride	62	1.516	1.516	0.000	99	52925	20.0	16.8	
8 Butadiene	54	1.539	1.539	0.000	95	50037	20.0	15.6	
9 Bromomethane	94	1.779	1.779	0.000	99	23742	20.0	17.1	
10 Chloroethane	64	1.859	1.859	0.000	98	28353	20.0	17.6	
11 Trichlorofluoromethane	101	2.019	2.019	0.000	97	58564	20.0	17.2	
12 Dichlorofluoromethane	67	2.019	2.019	0.000	92	84763	20.0	17.4	
13 Pentane	43	2.064	2.064	0.000	96	133220	40.0	30.6	
14 Ethanol	46	2.201	2.201	0.000	98	10352	800.0	1362.5	
15 Ethyl ether	59	2.236	2.236	0.000	93	34211	20.0	17.7	
16 2-Methyl-1,3-butadiene	53	2.258	2.258	0.000	97	38379	20.0	15.7	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.281	2.281	0.000	97	30074	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.338	2.338	0.000	98	56743	20.0	18.0	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.395	2.395	0.000	99	36273	20.0	17.5	
19 Acrolein	56	2.395	2.395	0.000	96	13023	40.0	45.1	
21 1,1-Dichloroethene	96	2.430	2.430	0.000	98	34801	20.0	18.4	
22 Acetone	43	2.510	2.510	0.000	85	59261	100.0	87.4	
23 Iodomethane	142	2.567	2.567	0.000	98	36434	20.0	14.0	
24 Carbon disulfide	76	2.589	2.589	0.000	100	140954	20.0	18.5	
25 Isopropyl alcohol	45	2.601	2.601	0.000	98	28102	200.0	300.4	
26 3-Chloro-1-propene	76	2.726	2.726	0.000	87	25220	20.0	18.8	
28 Methyl acetate	43	2.738	2.738	0.000	80	72015	40.0	34.8	
27 Cyclopentene	67	2.738	2.738	0.000	90	99356	20.0	16.7	
29 Acetonitrile	41	2.784	2.784	0.000	99	60894	200.0	213.6	
* 30 TBA-d9 (IS)	65	2.841	2.841	0.000	94	180492	1000.0	1000.0	
31 Methylene Chloride	84	2.841	2.841	0.000	59	47156	20.0	19.3	
32 2-Methyl-2-propanol	59	2.909	2.909	0.000	97	34770	200.0	266.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.989	2.989	0.000	96	110264	20.0	18.0	
34 trans-1,2-Dichloroethene	96	3.023	3.023	0.000	99	40370	20.0	18.7	
35 Acrylonitrile	53	3.092	3.092	0.000	94	163693	200.0	203.0	
36 Hexane	57	3.160	3.160	0.000	93	50637	20.0	16.2	
37 Isopropyl ether	45	3.366	3.366	0.000	98	161535	20.0	17.4	
38 1,1-Dichloroethane	63	3.400	3.400	0.000	99	88336	20.0	18.7	
39 Vinyl acetate	43	3.411	3.411	0.000	100	229960	40.0	40.7	
40 2-Chloro-1,3-butadiene	88	3.434	3.434	0.000	92	36154	20.0	18.8	
41 Tert-butyl ethyl ether	59	3.674	3.674	0.000	87	131436	20.0	18.9	
42 2,2-Dichloropropane	79	3.868	3.868	0.000	65	21576	20.0	19.7	
* 43 2-Butanone-d5	46	3.868	3.868	0.000	96	283004	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.902	3.902	0.000	95	46416	20.0	20.1	
46 2-Butanone (MEK)	72	3.925	3.925	0.000	95	20894	100.0	101.5	
45 Ethyl acetate	70	3.925	3.925	0.000	95	8754	40.0	44.3	
47 Methyl acrylate	55	3.971	3.971	0.000	99	36967	20.0	17.8	
48 Propionitrile	54	4.051	4.051	0.000	97	63626	200.0	230.9	
50 Chlorobromomethane	128	4.119	4.119	0.000	96	24994	20.0	22.4	
49 Tetrahydrofuran	72	4.119	4.119	0.000	94	9095	40.0	41.9	
51 Methacrylonitrile	67	4.142	4.142	0.000	97	181178	200.0	195.4	
52 Chloroform	83	4.165	4.165	0.000	97	81459	20.0	20.0	
53 Cyclohexane	84	4.291	4.291	0.000	97	50967	20.0	17.0	
54 1,1,1-Trichloroethane	97	4.302	4.302	0.000	98	62913	20.0	19.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.325	4.325	0.000	95	111745	50.0	52.0	
56 Carbon tetrachloride	117	4.416	4.416	0.000	97	54410	20.0	19.7	
57 1,1-Dichloropropene	75	4.450	4.450	0.000	94	56846	20.0	17.9	
58 Isobutyl alcohol	43	4.599	4.599	0.000	95	62445	500.0	575.0	
59 Isooctane	57	4.610	4.610	0.000	91	95489	20.0	17.0	
60 Benzene	78	4.644	4.644	0.000	98	179456	20.0	19.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	0	134711	50.0	48.0	
63 Tert-amyl methyl ether	55	4.713	4.713	0.000	71	35484	20.0	17.8	
62 Isopropyl acetate	43	4.713	4.713	0.000	92	148436	20.0	19.4	
64 1,2-Dichloroethane	62	4.736	4.736	0.000	96	67180	20.0	19.4	
65 n-Heptane	57	4.804	4.804	0.000	97	20304	20.0	17.0	
* 66 Fluorobenzene	96	4.930	4.930	0.000	98	482016	50.0	50.0	
67 n-Butanol	56	5.261	5.261	0.000	96	20243	500.0	719.0	
68 Trichloroethene	95	5.272	5.272	0.000	97	43400	20.0	19.1	
69 Methylcyclohexane	83	5.398	5.398	0.000	95	53388	20.0	17.2	
70 Ethyl acrylate	55	5.409	5.409	0.000	98	100464	20.0	17.3	
71 1,2-Dichloropropane	63	5.558	5.558	0.000	87	51653	20.0	18.8	
* 72 1,4-Dioxane-d8	96	5.638	5.638	0.000	0	24933	1000.0	1000.0	
73 Methyl methacrylate	100	5.649	5.649	0.000	95	18329	40.0	40.1	
75 1,4-Dioxane	88	5.683	5.683	0.000	48	9781	400.0	990.8	
74 Dibromomethane	93	5.695	5.695	0.000	97	30348	20.0	19.7	
76 n-Propyl acetate	43	5.706	5.706	0.000	98	68562	20.0	18.1	
77 Dichlorobromomethane	83	5.843	5.843	0.000	97	60947	20.0	19.0	
78 2-Nitropropane	41	6.186	6.186	0.000	92	23216	40.0	37.4	
79 2-Chloroethyl vinyl ether	63	6.186	6.186	0.000	94	23933	20.0	16.0	
80 Epichlorohydrin	57	6.288	6.288	0.000	100	76397	400.0	431.4	
81 cis-1,3-Dichloropropene	75	6.346	6.346	0.000	97	76926	20.0	18.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.517	6.517	0.000	98	212066	100.0	98.2	
\$ 83 Toluene-d8 (Surr)	98	6.585	6.585	0.000	98	399982	50.0	48.9	
84 Toluene	91	6.654	6.654	0.000	93	174165	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.019	7.019	0.000	97	65484	20.0	17.9	
86 Ethyl methacrylate	69	7.053	7.053	0.000	95	43711	20.0	16.9	
87 1,1,2-Trichloroethane	83	7.225	7.225	0.000	96	37072	20.0	19.2	
88 Tetrachloroethene	166	7.270	7.270	0.000	96	44248	20.0	21.0	
89 1,3-Dichloropropane	76	7.442	7.442	0.000	97	68078	20.0	18.3	
90 2-Hexanone	58	7.510	7.510	0.000	98	64416	100.0	92.5	
91 n-Butyl acetate	43	7.624	7.624	0.000	96	68182	20.0	16.7	
92 Chlorodibromomethane	129	7.670	7.670	0.000	98	46161	20.0	20.2	
93 Ethylene Dibromide	107	7.818	7.818	0.000	98	41738	20.0	19.5	
* 94 Chlorobenzene-d5	117	8.366	8.366	0.000	88	374777	50.0	50.0	
95 Chlorobenzene	112	8.401	8.401	0.000	94	120967	20.0	20.0	
96 Ethylbenzene	106	8.515	8.515	0.000	99	57401	20.0	18.5	
97 1,1,1,2-Tetrachloroethane	131	8.526	8.526	0.000	95	42566	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.675	8.675	0.000	0	68126	20.0	18.3	
99 o-Xylene	106	9.188	9.188	0.000	93	69739	20.0	18.5	
100 n-Butyl acrylate	73	9.188	9.188	0.000	66	26493	20.0	16.0	
101 Styrene	104	9.223	9.223	0.000	94	119931	20.0	19.4	
102 Amyl acetate (mixed isomers)	43	9.451	9.451	0.000	88	77515	20.0	15.5	
103 Bromoform	173	9.462	9.462	0.000	67	30845	20.0	20.9	
104 Isopropylbenzene	105	9.588	9.588	0.000	97	165390	20.0	18.4	
\$ 105 4-Bromofluorobenzene	174	9.793	9.793	0.000	95	136927	50.0	53.6	
106 Bromobenzene	156	9.919	9.919	0.000	94	54807	20.0	20.6	
107 1,1,2,2-Tetrachloroethane	83	9.965	9.965	0.000	98	56035	20.0	17.8	
108 N-Propylbenzene	91	9.988	9.988	0.000	99	210273	20.0	17.4	
109 1,2,3-Trichloropropane	110	10.010	10.010	0.000	97	14183	20.0	20.0	
110 trans-1,4-Dichloro-2-butene	53	10.033	10.033	0.000	92	16677	20.0	16.5	
111 2-Chlorotoluene	91	10.079	10.079	0.000	98	154189	20.0	18.0	
112 4-Ethyltoluene	105	10.090	10.090	0.000	97	181651	20.0	18.4	
113 1,3,5-Trimethylbenzene	105	10.147	10.147	0.000	93	149862	20.0	18.3	
114 4-Chlorotoluene	91	10.182	10.182	0.000	98	156335	20.0	19.4	
115 Butyl Methacrylate	87	10.250	10.250	0.000	98	48525	20.0	14.0	
116 tert-Butylbenzene	119	10.399	10.399	0.000	93	118960	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	10.456	10.456	0.000	98	157579	20.0	18.4	
118 sec-Butylbenzene	105	10.570	10.570	0.000	99	172969	20.0	18.0	
120 1,3-Dichlorobenzene	146	10.684	10.684	0.000	78	99154	20.0	20.4	
119 4-Isopropyltoluene	119	10.684	10.684	0.000	97	144836	20.0	17.6	
* 121 1,4-Dichlorobenzene-d4	152	10.730	10.730	0.000	97	215975	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.752	10.752	0.000	96	102759	20.0	20.2	
123 1,2,3-Trimethylbenzene	105	10.764	10.764	0.000	99	174665	20.0	18.9	
124 Benzyl chloride	91	10.855	10.855	0.000	98	99923	20.0	19.2	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	95	168237	20.0	19.0	
126 p-Diethylbenzene	119	10.947	10.947	0.000	92	79892	20.0	18.9	
127 n-Butylbenzene	92	10.958	10.958	0.000	96	77323	20.0	17.8	
128 1,2-Dichlorobenzene	146	11.004	11.004	0.000	95	93846	20.0	19.5	
129 1,2,4,5-Tetramethylbenzene	119	11.437	11.437	0.000	97	144947	20.0	17.6	
130 1,2-Dibromo-3-Chloropropane	157	11.517	11.517	0.000	95	11006	20.0	19.4	
131 1,3,5-Trichlorobenzene	180	11.597	11.597	0.000	97	72233	20.0	20.4	
132 1,2,4-Trichlorobenzene	180	11.974	11.974	0.000	93	64294	20.0	20.7	
133 Hexachlorobutadiene	225	12.043	12.043	0.000	95	21614	20.0	20.4	
134 Naphthalene	128	12.145	12.145	0.000	99	147633	20.0	18.3	
135 1,2,3-Trichlorobenzene	180	12.294	12.294	0.000	94	58836	20.0	20.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	36.8	
S 138 Total BTEX	1				0		100.0	93.2	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00158	Amount Added: 20.00	Units: uL	
524freon_00056	Amount Added: 20.00	Units: uL	
GASES Li_00492	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79809.D

Injection Date: 08-Sep-2022 19:24:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

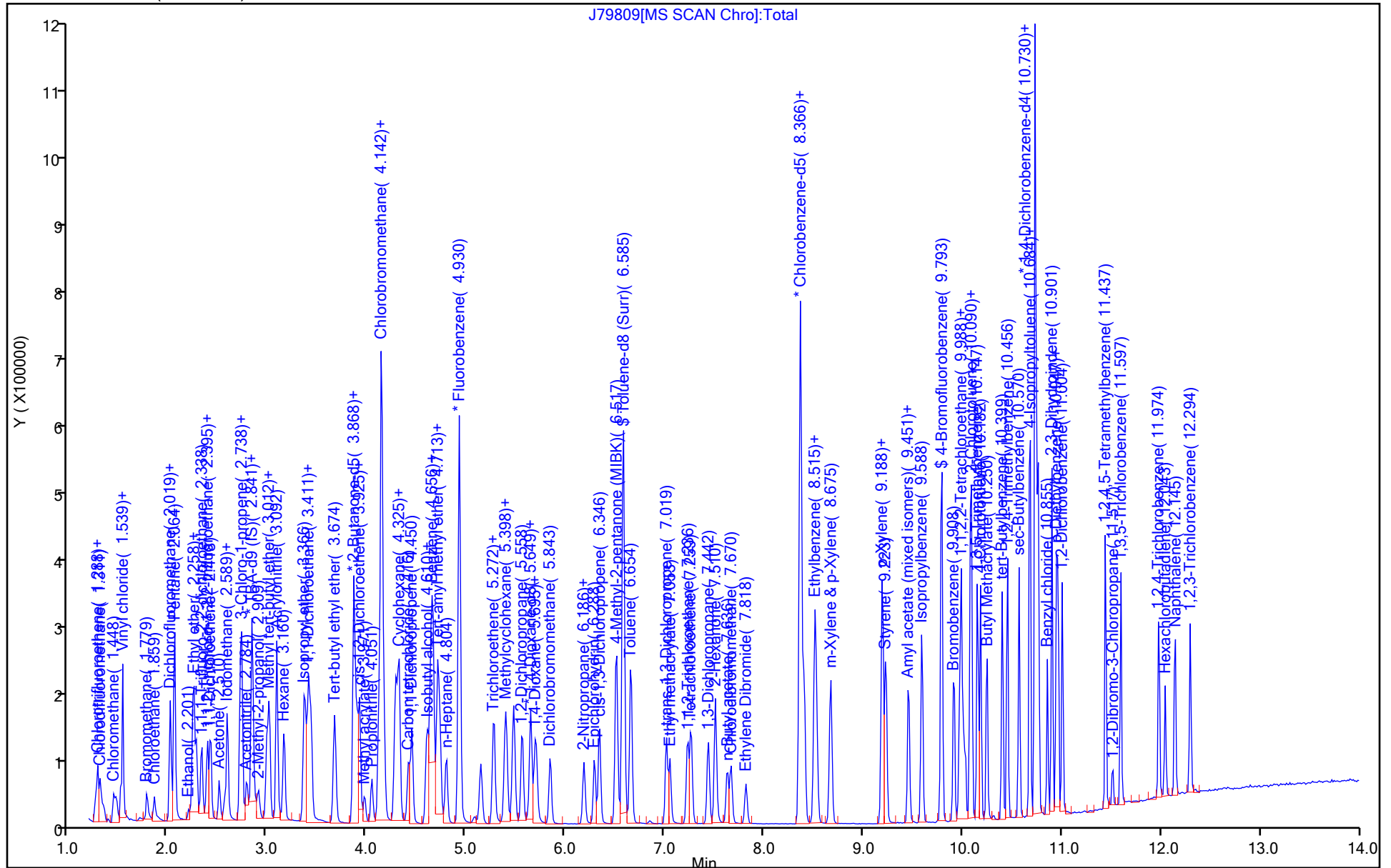
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79476.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 31-Aug-2022 12:09:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0149864-001
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:12:15 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: KG2Q

Date: 31-Aug-2022 12:17:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 139 BFB	95	3.924	3.924	0.000	85	45707	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00032

Amount Added: 1.00

Units: uL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79476.D

Injection Date: 31-Aug-2022 12:09:30

Instrument ID: CVOAMS8

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

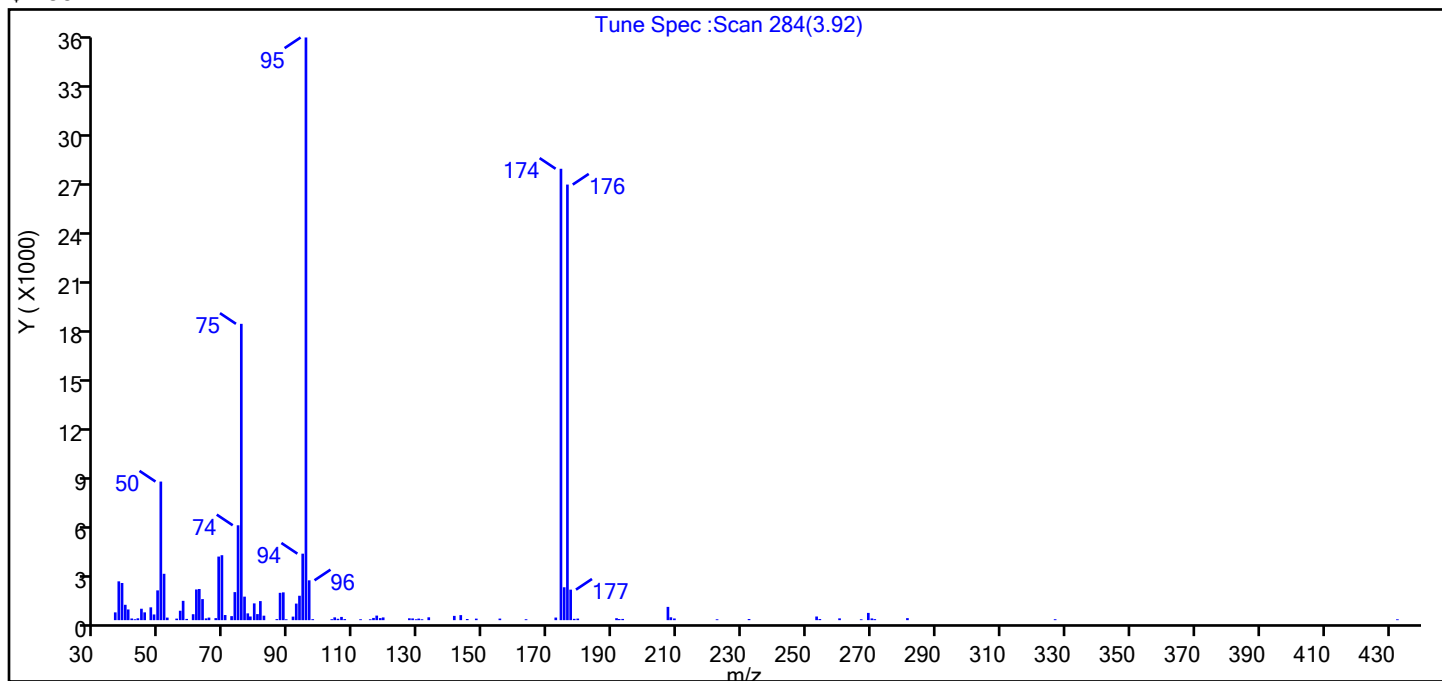
Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.8
75	30 to 60% of m/z 95	50.9
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	77.5
175	5 to 9% of m/z 174	5.6 (7.3)
176	Greater than 95% but less than 101% of m/z 174	74.8 (96.5)
177	5 to 9% of m/z 176	5.2 (7.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79476.D\8260_W8.rslt\spectra.d
Injection Date: 31-Aug-2022 12:09:30
Spectrum: Tune Spec :Scan 284(3.92)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 100

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	468	65.00	153	96.00	2400	172.00	156
37.00	2338	67.00	122	97.00	60	174.00	27200
38.00	2238	68.00	3831	103.00	56	175.00	1981
39.00	925	69.00	3913	104.00	168	176.00	26248
40.00	644	70.00	308	105.00	82	177.00	1838
41.00	99	72.00	242	106.00	194	178.00	78
42.00	53	73.00	1689	107.00	63	179.00	94
43.00	111	74.00	5716	112.00	54	191.00	117
44.00	688	75.00	17856	115.00	51	192.00	67
45.00	469	76.00	1416	116.00	133	193.00	73
47.00	772	77.00	409	117.00	274	207.00	799
48.00	343	78.00	220	118.00	123	208.00	172
49.00	1794	79.00	1010	119.00	164	209.00	101
50.00	8351	80.00	364	127.00	111	222.00	52
51.00	2793	81.00	1148	128.00	103	232.00	67
52.00	153	82.00	269	129.00	51	253.00	219
55.00	92	86.00	62	130.00	93	254.00	68
56.00	567	87.00	1646	131.00	52	260.00	107
57.00	1164	88.00	1674	133.00	171	267.00	51
58.00	74	89.00	51	141.00	257	269.00	436
60.00	357	91.00	213	143.00	303	270.00	103
61.00	1848	92.00	998	145.00	68	271.00	61
62.00	1876	93.00	1470	148.00	91	281.00	121
63.00	1269	94.00	4006	155.00	94	327.00	55
64.00	105	95.00	35112	163.00	54	433.00	51

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79476.D

Injection Date: 31-Aug-2022 12:09:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

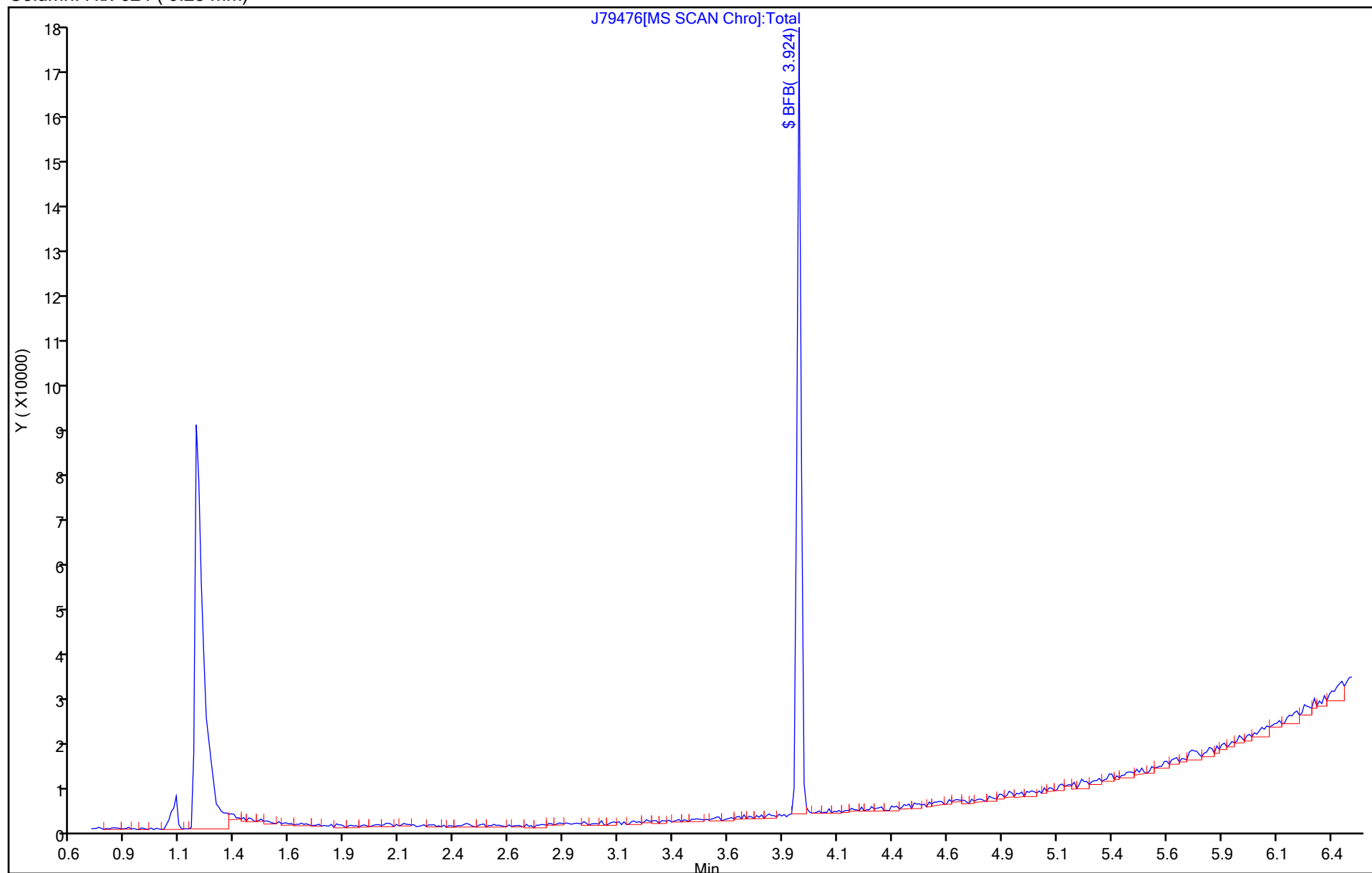
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-865303/9</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79815.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/08/2022 21:56</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
67-64-1	Acetone	4.4	U	5.0	4.4
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
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
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
71-43-2	Benzene	0.20	U	1.0	0.20
75-00-3	Chloroethane	0.32	U	1.0	0.32
75-25-2	Bromoform	0.54	U	1.0	0.54
67-66-3	Chloroform	0.33	U	1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
74-87-3	Chloromethane	0.40	U	1.0	0.40
591-78-6	2-Hexanone	1.1	U	5.0	1.1
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
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
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
100-42-5	Styrene	0.42	U	1.0	0.42
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
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 Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-865303/9
Matrix: Water Lab File ID: J79815.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/08/2022 21:56
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
2037-26-5	Toluene-d8 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79815.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 08-Sep-2022 21:56:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0150151-009
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 05:59:40 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1660

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:53:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.840	2.841	-0.001	75	171302	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.868	3.868	0.000	86	267686	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.325	4.325	0.000	95	113292	50.0	54.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	0	133211	50.0	48.6	
* 66 Fluorobenzene	96	4.930	4.930	0.000	98	470474	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.626	5.638	-0.012	0	21158	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.585	6.585	0.000	98	376382	50.0	48.8	
* 94 Chlorobenzene-d5	117	8.366	8.366	0.000	87	353392	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.793	9.793	0.000	96	125798	50.0	52.2	
* 121 1,4-Dichlorobenzene-d4	152	10.730	10.730	0.000	97	207767	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79815.D

Injection Date: 08-Sep-2022 21:56:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

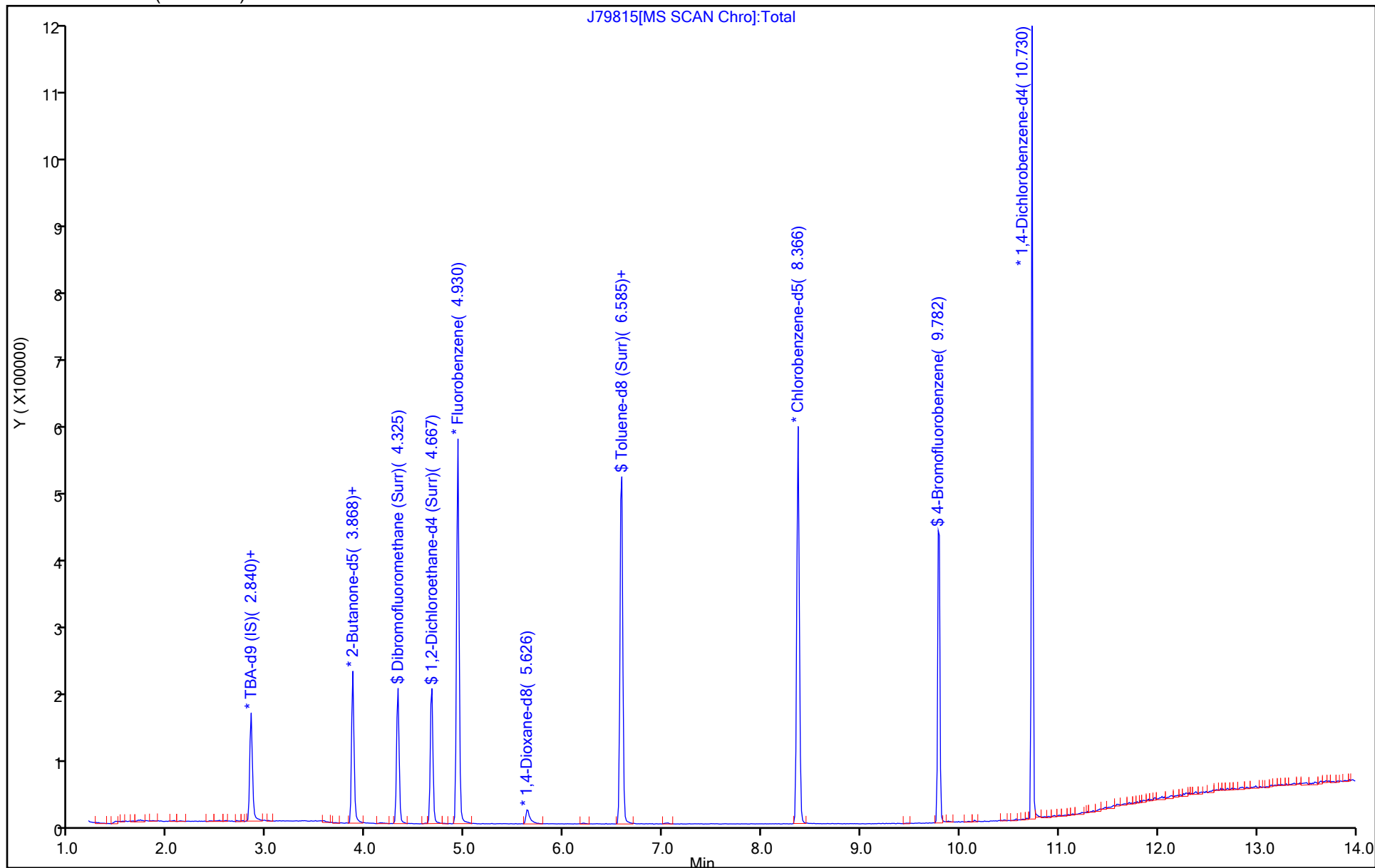
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79815.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Sep-2022 21:56:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0150151-009
Operator ID: Instrument ID: CVOAMS8
Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Sep-2022 05:59:40 Calib Date: 31-Aug-2022 15:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:53:36

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.0	108.02
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.6	97.18
\$ 83 Toluene-d8 (Surr)	50.0	48.8	97.66
\$ 105 4-Bromofluorobenzene	50.0	52.2	104.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-865303/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79810.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/08/2022 19:51</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.0		1.0	0.26
107-06-2	1,2-Dichloroethane	21.2		1.0	0.43
78-93-3	2-Butanone (MEK)	104		5.0	1.9
67-64-1	Acetone	101		5.0	4.4
71-55-6	1,1,1-Trichloroethane	22.3		1.0	0.24
75-27-4	Bromodichloromethane	21.0		1.0	0.34
78-87-5	1,2-Dichloropropane	20.4		1.0	0.35
74-83-9	Bromomethane	19.2		1.0	0.55
75-15-0	Carbon disulfide	20.7		1.0	0.82
56-23-5	Carbon tetrachloride	22.4		1.0	0.21
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.20
71-43-2	Benzene	21.6		1.0	0.20
75-00-3	Chloroethane	20.0		1.0	0.32
75-25-2	Bromoform	22.9		1.0	0.54
67-66-3	Chloroform	22.2		1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	107		5.0	1.3
74-87-3	Chloromethane	18.9		1.0	0.40
591-78-6	2-Hexanone	102		5.0	1.1
156-59-2	cis-1,2-Dichloroethene	22.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.22
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.37
75-09-2	Methylene Chloride	20.9		1.0	0.32
108-90-7	Chlorobenzene	21.5		1.0	0.38
127-18-4	Tetrachloroethene	23.1		1.0	0.25
100-41-4	Ethylbenzene	21.0		1.0	0.30
108-88-3	Toluene	20.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.24
100-42-5	Styrene	21.9		1.0	0.42
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.22
79-01-6	Trichloroethene	21.3		1.0	0.31
74-97-5	Chlorobromomethane	24.9		1.0	0.41
75-01-4	Vinyl chloride	18.7		1.0	0.17
1330-20-7	Xylenes, Total	42.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-865303/4
Matrix: Water Lab File ID: J79810.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/08/2022 19:51
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79810.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 08-Sep-2022 19:51:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0150151-004
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 08-Sep-2022 20:31:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.262	1.265	-0.003	90	4496	20.0	19.5	
4 Dichlorodifluoromethane	85	1.285	1.288	-0.003	99	63366	20.0	19.6	
5 Chlorodifluoromethane	67	1.308	1.311	-0.003	97	10412	20.0	21.1	
6 Chloromethane	50	1.445	1.448	-0.003	99	81346	20.0	18.9	
7 Vinyl chloride	62	1.525	1.516	0.009	98	59166	20.0	18.7	
8 Butadiene	54	1.536	1.539	-0.003	94	55427	20.0	17.2	
9 Bromomethane	94	1.787	1.779	0.008	99	26808	20.0	19.2	
10 Chloroethane	64	1.856	1.859	-0.003	99	32302	20.0	20.0	
11 Trichlorofluoromethane	101	2.016	2.019	-0.003	93	64022	20.0	18.7	
12 Dichlorofluoromethane	67	2.016	2.019	-0.003	94	93428	20.0	19.1	
13 Pentane	43	2.061	2.064	-0.003	95	151436	40.0	34.7	
14 Ethanol	46	2.198	2.201	-0.003	98	10176	800.0	1391.0	
15 Ethyl ether	59	2.244	2.236	0.008	91	36618	20.0	18.8	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	96	43318	20.0	17.7	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.278	2.281	-0.003	98	33149	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.335	2.338	-0.003	98	63418	20.0	20.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	98	40453	20.0	19.5	
19 Acrolein	56	2.392	2.395	-0.003	97	14306	40.0	51.4	
21 1,1-Dichloroethene	96	2.427	2.430	-0.003	96	39840	20.0	21.0	
22 Acetone	43	2.507	2.510	-0.003	85	66794	100.0	101.2	
23 Iodomethane	142	2.564	2.567	-0.003	98	45647	20.0	17.6	
24 Carbon disulfide	76	2.598	2.589	0.009	100	158371	20.0	20.7	
25 Isopropyl alcohol	45	2.598	2.601	-0.003	97	27605	200.0	306.4	
26 3-Chloro-1-propene	76	2.724	2.726	-0.002	89	27827	20.0	20.7	
28 Methyl acetate	43	2.735	2.738	-0.003	78	74309	40.0	35.8	
27 Cyclopentene	67	2.735	2.738	-0.003	93	109225	20.0	18.3	
29 Acetonitrile	41	2.792	2.784	0.008	100	64747	200.0	235.9	
* 30 TBA-d9 (IS)	65	2.838	2.841	-0.003	95	173799	1000.0	1000.0	
31 Methylene Chloride	84	2.838	2.841	-0.003	61	51137	20.0	20.9	a
32 2-Methyl-2-propanol	59	2.906	2.909	-0.003	98	34246	200.0	272.8	
33 Methyl tert-butyl ether	73	2.998	2.989	0.009	96	117722	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.020	3.023	-0.003	99	44849	20.0	20.7	
35 Acrylonitrile	53	3.089	3.092	-0.003	94	170098	200.0	219.0	
36 Hexane	57	3.169	3.160	0.009	93	56387	20.0	18.0	
37 Isopropyl ether	45	3.363	3.366	-0.003	97	176555	20.0	18.9	
38 1,1-Dichloroethane	63	3.397	3.400	-0.003	99	97856	20.0	20.7	
39 Vinyl acetate	43	3.420	3.411	0.009	100	232400	40.0	41.0	
40 2-Chloro-1,3-butadiene	88	3.443	3.434	0.009	93	41556	20.0	21.6	
41 Tert-butyl ethyl ether	59	3.671	3.674	-0.003	87	137912	20.0	19.8	
42 2,2-Dichloropropane	79	3.865	3.868	-0.003	60	24518	20.0	22.3	a
* 43 2-Butanone-d5	46	3.865	3.868	-0.003	97	275589	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.900	3.902	-0.002	95	51739	20.0	22.3	
46 2-Butanone (MEK)	72	3.922	3.925	-0.003	95	20750	100.0	103.5	
45 Ethyl acetate	70	3.922	3.925	-0.003	95	8985	40.0	46.7	
47 Methyl acrylate	55	3.979	3.971	0.008	99	40251	20.0	19.3	
48 Propionitrile	54	4.048	4.051	-0.003	98	66145	200.0	249.3	
50 Chlorobromomethane	128	4.116	4.119	-0.003	96	27771	20.0	24.9	
49 Tetrahydrofuran	72	4.116	4.119	-0.003	91	9171	40.0	43.4	
51 Methacrylonitrile	67	4.151	4.142	0.009	97	189180	200.0	203.5	
52 Chloroform	83	4.174	4.165	0.009	97	90737	20.0	22.2	
53 Cyclohexane	84	4.288	4.291	-0.003	97	59245	20.0	19.7	
54 1,1,1-Trichloroethane	97	4.299	4.302	-0.003	97	71258	20.0	22.3	
\$ 55 Dibromofluoromethane (Surr)	113	4.322	4.325	-0.003	96	115237	50.0	53.5	
56 Carbon tetrachloride	117	4.413	4.416	-0.003	98	61814	20.0	22.4	
57 1,1-Dichloropropene	75	4.448	4.450	-0.002	94	65873	20.0	20.7	
58 Isobutyl alcohol	43	4.596	4.599	-0.003	89	63278	500.0	605.1	
59 Isooctane	57	4.607	4.610	-0.003	91	101986	20.0	18.1	
60 Benzene	78	4.642	4.644	-0.002	98	201104	20.0	21.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.664	4.667	-0.003	0	134101	50.0	47.6	
63 Tert-amyl methyl ether	55	4.710	4.713	-0.003	72	37935	20.0	19.0	
62 Isopropyl acetate	43	4.710	4.713	-0.003	92	154216	20.0	20.1	
64 1,2-Dichloroethane	62	4.733	4.736	-0.003	96	73629	20.0	21.2	
65 n-Heptane	57	4.801	4.804	-0.003	97	22393	20.0	18.7	
* 66 Fluorobenzene	96	4.927	4.930	-0.003	98	483389	50.0	50.0	
67 n-Butanol	56	5.258	5.261	-0.003	98	20207	500.0	745.3	
68 Trichloroethene	95	5.281	5.272	0.009	97	48327	20.0	21.3	
69 Methylcyclohexane	83	5.395	5.398	-0.003	86	59402	20.0	19.1	
70 Ethyl acrylate	55	5.407	5.409	-0.002	97	106237	20.0	18.3	
71 1,2-Dichloropropane	63	5.566	5.558	0.008	87	56304	20.0	20.4	
* 72 1,4-Dioxane-d8	96	5.635	5.638	-0.003	0	23977	1000.0	1000.0	
73 Methyl methacrylate	100	5.646	5.649	-0.003	95	18783	40.0	41.0	
75 1,4-Dioxane	88	5.681	5.683	-0.002	50	9748	400.0	1024.1	
74 Dibromomethane	93	5.692	5.695	-0.003	98	32948	20.0	21.4	
76 n-Propyl acetate	43	5.703	5.706	-0.003	98	69602	20.0	18.3	
77 Dichlorobromomethane	83	5.840	5.843	-0.003	98	67313	20.0	21.0	
78 2-Nitropropane	41	6.183	6.186	-0.003	96	25123	40.0	42.0	
79 2-Chloroethyl vinyl ether	63	6.183	6.186	-0.003	94	25903	20.0	17.2	
80 Epichlorohydrin	57	6.286	6.288	-0.002	99	79708	400.0	462.3	
81 cis-1,3-Dichloropropene	75	6.343	6.346	-0.003	98	83398	20.0	20.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.514	6.517	-0.003	98	225001	100.0	107.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	98	403099	50.0	49.3	
84 Toluene	91	6.662	6.654	0.008	93	193004	20.0	20.6	
85 trans-1,3-Dichloropropene	75	7.016	7.019	-0.003	97	71343	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
86 Ethyl methacrylate	69	7.051	7.053	-0.002	95	47086	20.0	18.1	
87 1,1,2-Trichloroethane	83	7.233	7.225	0.008	95	39100	20.0	20.3	
88 Tetrachloroethene	166	7.267	7.270	-0.003	98	48821	20.0	23.1	
89 1,3-Dichloropropane	76	7.439	7.442	-0.003	98	72950	20.0	19.6	
90 2-Hexanone	58	7.507	7.510	-0.003	99	69373	100.0	102.2	
91 n-Butyl acetate	43	7.633	7.624	0.009	96	74026	20.0	18.1	
92 Chlorodibromomethane	129	7.667	7.670	-0.003	98	50664	20.0	22.1	
93 Ethylene Dibromide	107	7.815	7.818	-0.003	98	44383	20.0	20.7	
* 94 Chlorobenzene-d5	117	8.363	8.366	-0.003	88	375031	50.0	50.0	
95 Chlorobenzene	112	8.398	8.401	-0.003	95	130666	20.0	21.5	
96 Ethylbenzene	106	8.512	8.515	-0.003	99	65126	20.0	21.0	
97 1,1,1,2-Tetrachloroethane	131	8.523	8.526	-0.003	95	47369	20.0	22.1	
98 m-Xylene & p-Xylene	106	8.672	8.675	-0.003	0	79894	20.0	21.5	
99 o-Xylene	106	9.185	9.188	-0.003	93	78989	20.0	20.9	
100 n-Butyl acrylate	73	9.197	9.188	0.009	66	30413	20.0	18.4	
101 Styrene	104	9.231	9.223	0.008	95	135599	20.0	21.9	
102 Amyl acetate (mixed isomers)	43	9.459	9.451	0.008	88	83630	20.0	16.7	
103 Bromoform	173	9.459	9.462	-0.003	64	33921	20.0	22.9	
104 Isopropylbenzene	105	9.585	9.588	-0.003	97	189740	20.0	21.1	
\$ 105 4-Bromofluorobenzene	174	9.791	9.793	-0.002	94	137800	50.0	53.9	
106 Bromobenzene	156	9.916	9.919	-0.003	93	59066	20.0	22.1	
107 1,1,2,2-Tetrachloroethane	83	9.973	9.965	0.008	99	58608	20.0	18.6	
108 N-Propylbenzene	91	9.985	9.988	-0.003	99	235177	20.0	19.3	
109 1,2,3-Trichloropropane	110	10.007	10.010	-0.003	98	14609	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	10.030	10.033	-0.003	91	17082	20.0	16.8	
111 2-Chlorotoluene	91	10.076	10.079	-0.003	98	169492	20.0	19.7	
112 4-Ethyltoluene	105	10.087	10.090	-0.003	97	201765	20.0	20.4	
113 1,3,5-Trimethylbenzene	105	10.156	10.147	0.009	93	163849	20.0	19.9	
114 4-Chlorotoluene	91	10.179	10.182	-0.003	99	161252	20.0	19.9	
115 Butyl Methacrylate	87	10.247	10.250	-0.003	97	53680	20.0	15.4	
116 tert-Butylbenzene	119	10.396	10.399	-0.003	93	128916	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.453	10.456	-0.003	98	174207	20.0	20.3	
118 sec-Butylbenzene	105	10.567	10.570	-0.003	99	193999	20.0	20.1	
120 1,3-Dichlorobenzene	146	10.681	10.684	-0.003	79	108007	20.0	22.1	
119 4-Isopropyltoluene	119	10.681	10.684	-0.003	98	164568	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.730	-0.003	97	216734	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.750	10.752	-0.002	96	109432	20.0	21.5	
123 1,2,3-Trimethylbenzene	105	10.761	10.764	-0.003	99	185772	20.0	20.0	
124 Benzyl chloride	91	10.852	10.855	-0.003	98	105085	20.0	20.1	
125 2,3-Dihydroindene	117	10.898	10.901	-0.003	95	185719	20.0	20.9	
126 p-Diethylbenzene	119	10.944	10.947	-0.003	93	89122	20.0	21.0	
127 n-Butylbenzene	92	10.967	10.958	0.008	99	86409	20.0	19.9	
128 1,2-Dichlorobenzene	146	11.001	11.004	-0.003	96	105484	20.0	21.9	
129 1,2,4,5-Tetramethylbenzene	119	11.446	11.437	0.009	98	161437	20.0	19.5	
130 1,2-Dibromo-3-Chloropropane	157	11.515	11.517	-0.003	93	12180	20.0	21.4	
131 1,3,5-Trichlorobenzene	180	11.594	11.597	-0.003	97	78216	20.0	22.0	
132 1,2,4-Trichlorobenzene	180	11.983	11.974	0.009	93	70151	20.0	22.6	
133 Hexachlorobutadiene	225	12.040	12.043	-0.003	95	24430	20.0	23.0	
134 Naphthalene	128	12.142	12.145	-0.003	99	160523	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.291	12.294	-0.003	96	63533	20.0	21.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.0	
S 137 Xylenes, Total	100				0		40.0	42.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 138 Total BTEX

1

0

100.0

105.5

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158

Amount Added: 20.00

Units: uL

524freon_00056

Amount Added: 20.00

Units: uL

GASES Li_00492

Amount Added: 20.00

Units: uL

ACROLEIN W_00143

Amount Added: 4.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79810.D

Injection Date: 08-Sep-2022 19:51:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

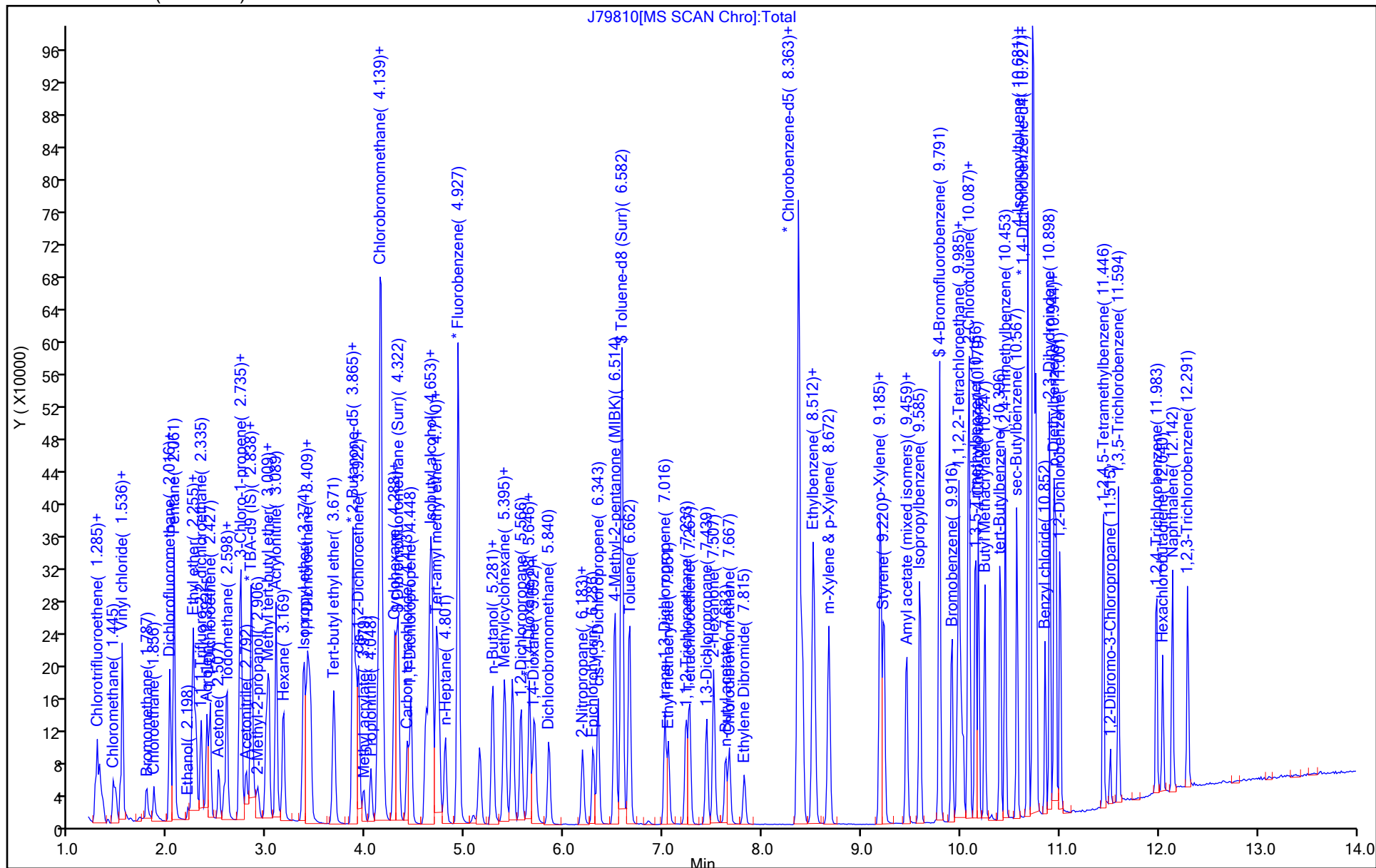
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79810.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 08-Sep-2022 19:51:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0150151-004
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:36:06 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: C1JX

Date: 08-Sep-2022 20:31:03

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.5	106.94
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.6	95.22
\$ 83 Toluene-d8 (Surr)	50.0	49.3	98.56
\$ 105 4-Bromofluorobenzene	50.0	53.9	107.83

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79810.D

Injection Date: 08-Sep-2022 19:51:30

Instrument ID: CVOAMS8

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

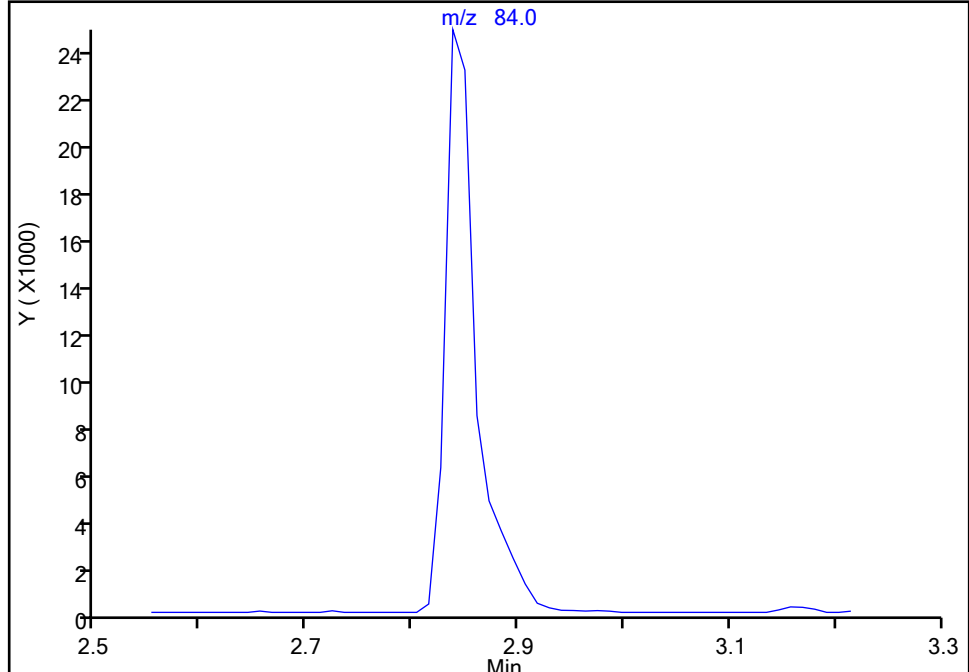
31 Methylene Chloride, CAS: 75-09-2

Signal: 1

Not Detected

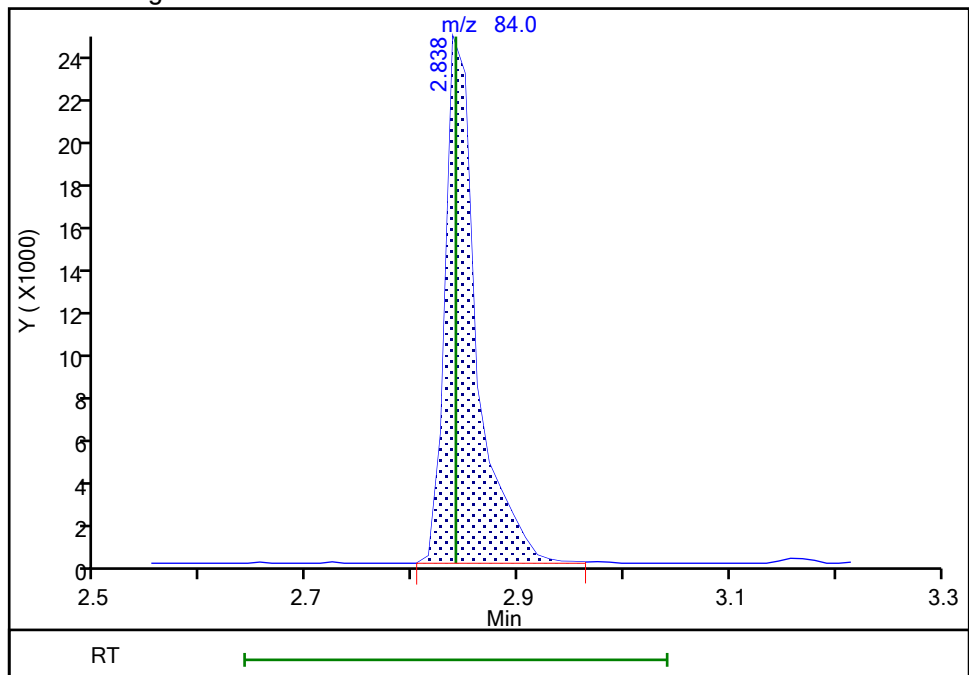
Expected RT: 2.84

Processing Integration Results



RT: 2.84
Area: 51137
Amount: 20.923605
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 08-Sep-2022 20:13:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW13B-083022 MS</u>	Lab Sample ID: <u>460-264728-5 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79830.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/30/2022 17:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 04:13</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.20
75-34-3	1,1-Dichloroethane	21.1		1.0	0.26
75-35-4	1,1-Dichloroethene	20.4		1.0	0.26
107-06-2	1,2-Dichloroethane	21.1		1.0	0.43
78-87-5	1,2-Dichloropropane	20.7		1.0	0.35
78-93-3	2-Butanone (MEK)	98.4		5.0	1.9
591-78-6	2-Hexanone	94.0		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	101		5.0	1.3
67-64-1	Acetone	88.4		5.0	4.4
71-43-2	Benzene	20.7		1.0	0.20
75-27-4	Bromodichloromethane	20.8		1.0	0.34
75-25-2	Bromoform	23.2		1.0	0.54
74-83-9	Bromomethane	19.3		1.0	0.55
75-15-0	Carbon disulfide	20.4		1.0	0.82
56-23-5	Carbon tetrachloride	21.7		1.0	0.21
108-90-7	Chlorobenzene	21.0		1.0	0.38
74-97-5	Chlorobromomethane	24.2		1.0	0.41
75-00-3	Chloroethane	20.2		1.0	0.32
67-66-3	Chloroform	21.9		1.0	0.33
74-87-3	Chloromethane	18.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.22
100-41-4	Ethylbenzene	19.4		1.0	0.30
75-09-2	Methylene Chloride	21.5		1.0	0.32
100-42-5	Styrene	20.9		1.0	0.42
127-18-4	Tetrachloroethene	39.3		1.0	0.25
108-88-3	Toluene	20.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.22
79-01-6	Trichloroethene	21.2		1.0	0.31
75-01-4	Vinyl chloride	17.9		1.0	0.17
1330-20-7	Xylenes, Total	38.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW13B-083022 MS Lab Sample ID: 460-264728-5 MS
Matrix: Water Lab File ID: J79830.D
Analysis Method: 8260D Date Collected: 08/30/2022 17:40
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 04:13
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79830.D
 Lims ID: 460-264728-B-5 MS
 Client ID: FSMW13B-083022
 Sample Type: MS
 Inject. Date: 09-Sep-2022 04:13:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-5 MS
 Misc. Info.: 460-0150151-024
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:58:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.264	1.265	-0.001	90	3370	20.0	15.0	
4 Dichlorodifluoromethane	85	1.287	1.288	-0.001	99	56029	20.0	17.7	
5 Chlorodifluoromethane	67	1.310	1.311	-0.001	97	8608	20.0	17.9	
6 Chloromethane	50	1.447	1.448	-0.001	100	77729	20.0	18.5	
7 Vinyl chloride	62	1.515	1.516	-0.001	99	55331	20.0	17.9	
8 Butadiene	54	1.538	1.539	-0.001	95	51550	20.0	16.4	
9 Bromomethane	94	1.778	1.779	-0.001	97	26283	20.0	19.3	
10 Chloroethane	64	1.858	1.859	-0.001	99	31918	20.0	20.2	
11 Trichlorofluoromethane	101	2.017	2.019	-0.002	96	60882	20.0	18.2	
12 Dichlorofluoromethane	67	2.017	2.019	-0.002	94	90576	20.0	19.0	
13 Pentane	43	2.063	2.064	-0.001	95	138409	40.0	32.4	
14 Ethanol	46	2.200	2.201	-0.001	98	4722	800.0	565.3	
15 Ethyl ether	59	2.234	2.236	-0.002	92	35954	20.0	18.9	
16 2-Methyl-1,3-butadiene	53	2.257	2.258	-0.001	99	41129	20.0	17.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.280	2.281	-0.001	97	31251	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.337	2.338	-0.001	98	62081	20.0	20.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.394	2.395	-0.001	97	38290	20.0	18.9	
19 Acrolein	56	2.394	2.395	-0.001	97	12387	40.0	39.0	
21 1,1-Dichloroethene	96	2.417	2.430	-0.013	97	37879	20.0	20.4	
22 Acetone	43	2.508	2.510	-0.002	85	64293	100.0	88.4	
23 Iodomethane	142	2.565	2.567	-0.002	98	34203	20.0	13.5	
24 Carbon disulfide	76	2.588	2.589	-0.001	100	152353	20.0	20.4	
25 Isopropyl alcohol	45	2.600	2.601	-0.001	96	16123	200.0	156.8	
26 3-Chloro-1-propene	76	2.714	2.726	-0.012	87	25764	20.0	19.6	
28 Methyl acetate	43	2.737	2.738	-0.001	78	75563	40.0	37.3	
27 Cyclopentene	67	2.737	2.738	-0.001	91	105492	20.0	18.1	
29 Acetonitrile	41	2.782	2.784	-0.002	99	62606	200.0	199.8	
* 30 TBA-d9 (IS)	65	2.839	2.841	-0.002	95	198437	1000.0	1000.0	
31 Methylene Chloride	84	2.839	2.841	-0.002	60	51315	20.0	21.5	
32 2-Methyl-2-propanol	59	2.908	2.909	-0.001	98	25295	200.0	176.5	
33 Methyl tert-butyl ether	73	2.988	2.989	-0.001	96	120790	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.011	3.023	-0.012	99	43580	20.0	20.6	
35 Acrylonitrile	53	3.091	3.092	-0.001	94	180724	200.0	203.8	
36 Hexane	57	3.159	3.160	-0.001	92	48703	20.0	15.9	
37 Isopropyl ether	45	3.365	3.366	-0.001	97	184646	20.0	20.3	
38 1,1-Dichloroethane	63	3.399	3.400	-0.001	99	97450	20.0	21.1	
39 Vinyl acetate	43	3.410	3.411	-0.001	100	234104	40.0	42.2	
40 2-Chloro-1,3-butadiene	88	3.433	3.434	-0.001	93	39829	20.0	21.2	
41 Tert-butyl ethyl ether	59	3.673	3.674	-0.001	87	136698	20.0	20.1	
42 2,2-Dichloropropane	79	3.867	3.868	-0.001	55	20055	20.0	18.7	a
* 43 2-Butanone-d5	46	3.867	3.868	-0.001	95	303612	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.890	3.902	-0.012	94	50204	20.0	22.2	
46 2-Butanone (MEK)	72	3.924	3.925	-0.001	94	21738	100.0	98.4	
45 Ethyl acetate	70	3.924	3.925	-0.001	95	8472	40.0	40.0	
47 Methyl acrylate	55	3.970	3.971	-0.001	100	38057	20.0	18.7	
48 Propionitrile	54	4.050	4.051	-0.001	97	65073	200.0	214.8	
50 Chlorobromomethane	128	4.118	4.119	-0.001	98	26435	20.0	24.2	
49 Tetrahydrofuran	72	4.118	4.119	-0.001	90	8989	40.0	38.6	
51 Methacrylonitrile	67	4.141	4.142	-0.001	98	193197	200.0	212.7	
52 Chloroform	83	4.164	4.165	-0.001	97	87367	20.0	21.9	
53 Cyclohexane	84	4.278	4.291	-0.013	96	53596	20.0	18.2	
54 1,1,1-Trichloroethane	97	4.301	4.302	-0.001	97	66685	20.0	21.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.324	4.325	-0.001	96	110884	50.0	52.7	
56 Carbon tetrachloride	117	4.415	4.416	-0.001	97	58733	20.0	21.7	
57 1,1-Dichloropropene	75	4.449	4.450	-0.001	93	59463	20.0	19.2	
58 Isobutyl alcohol	43	4.598	4.599	-0.001	92	48724	500.0	408.1	
59 Isooctane	57	4.609	4.610	-0.001	96	86191	20.0	15.6	
60 Benzene	78	4.643	4.644	-0.001	97	190703	20.0	20.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.666	4.667	-0.001	0	134055	50.0	48.7	
63 Tert-amyl methyl ether	55	4.712	4.713	-0.001	71	40128	20.0	20.5	
62 Isopropyl acetate	43	4.712	4.713	-0.001	92	149816	20.0	20.0	
64 1,2-Dichloroethane	62	4.735	4.736	-0.001	96	71586	20.0	21.1	
65 n-Heptane	57	4.792	4.804	-0.012	96	18625	20.0	15.9	
* 66 Fluorobenzene	96	4.929	4.930	-0.001	98	472294	50.0	50.0	
67 n-Butanol	56	5.271	5.261	0.010	95	10296	500.0	332.6	
68 Trichloroethene	95	5.271	5.272	-0.001	97	47097	20.0	21.2	
69 Methylcyclohexane	83	5.397	5.398	-0.001	93	53266	20.0	17.6	
70 Ethyl acrylate	55	5.397	5.409	-0.012	98	104543	20.0	18.4	
71 1,2-Dichloropropane	63	5.557	5.558	-0.001	88	55624	20.0	20.7	
* 72 1,4-Dioxane-d8	96	5.637	5.638	-0.001	0	24558	1000.0	1000.0	
73 Methyl methacrylate	100	5.648	5.649	-0.001	95	18646	40.0	41.6	
75 1,4-Dioxane	88	5.682	5.683	-0.001	39	3895	400.0	420.0	
74 Dibromomethane	93	5.694	5.695	-0.001	96	32805	20.0	21.8	
76 n-Propyl acetate	43	5.705	5.706	-0.001	98	67536	20.0	18.2	
77 Dichlorobromomethane	83	5.842	5.843	-0.001	98	65085	20.0	20.8	
78 2-Nitropropane	41	6.173	6.186	-0.013	97	24647	40.0	36.1	
80 Epichlorohydrin	57	6.287	6.288	-0.001	99	39037	400.0	205.5	
81 cis-1,3-Dichloropropene	75	6.333	6.346	-0.013	99	75128	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.504	6.517	-0.013	98	233103	100.0	100.7	
\$ 83 Toluene-d8 (Surr)	98	6.573	6.585	-0.012	98	399599	50.0	49.5	
84 Toluene	91	6.653	6.654	-0.001	93	185040	20.0	20.0	
85 trans-1,3-Dichloropropene	75	7.018	7.019	-0.001	96	67588	20.0	18.7	
86 Ethyl methacrylate	69	7.052	7.053	-0.001	95	46760	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.223	7.225	-0.002	94	39971	20.0	21.0	
88 Tetrachloroethene	166	7.258	7.270	-0.012	97	81833	20.0	39.3	
89 1,3-Dichloropropane	76	7.429	7.442	-0.013	97	71052	20.0	19.3	
90 2-Hexanone	58	7.509	7.510	-0.001	99	70240	100.0	94.0	
91 n-Butyl acetate	43	7.623	7.624	-0.001	96	68131	20.0	16.8	
92 Chlorodibromomethane	129	7.669	7.670	-0.001	97	48767	20.0	21.6	
93 Ethylene Dibromide	107	7.817	7.818	-0.001	98	45096	20.0	21.3	
* 94 Chlorobenzene-d5	117	8.365	8.366	-0.001	88	370466	50.0	50.0	
95 Chlorobenzene	112	8.399	8.401	-0.002	94	125711	20.0	21.0	
96 Ethylbenzene	106	8.502	8.515	-0.013	99	59318	20.0	19.4	
97 1,1,1,2-Tetrachloroethane	131	8.525	8.526	-0.001	95	46532	20.0	22.0	
98 m-Xylene & p-Xylene	106	8.673	8.675	-0.002	0	70541	20.0	19.2	
99 o-Xylene	106	9.187	9.188	-0.001	93	71886	20.0	19.3	
100 n-Butyl acrylate	73	9.187	9.188	-0.001	75	28612	20.0	17.5	
101 Styrene	104	9.221	9.223	-0.002	94	127563	20.0	20.9	
102 Amyl acetate (mixed isomers)	43	9.450	9.451	-0.001	87	75659	20.0	15.0	
103 Bromoform	173	9.450	9.462	-0.012	65	33932	20.0	23.2	
104 Isopropylbenzene	105	9.587	9.588	-0.001	97	171216	20.0	19.3	
\$ 105 4-Bromofluorobenzene	174	9.792	9.793	-0.001	96	133711	50.0	53.0	
106 Bromobenzene	156	9.906	9.919	-0.013	96	55673	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.964	9.965	-0.001	97	61218	20.0	19.3	
108 N-Propylbenzene	91	9.986	9.988	-0.002	99	216059	20.0	17.6	
109 1,2,3-Trichloropropane	110	10.009	10.010	-0.001	96	14416	20.0	20.1	
110 trans-1,4-Dichloro-2-butene	53	10.021	10.033	-0.012	89	16649	20.0	16.3	
111 2-Chlorotoluene	91	10.078	10.079	-0.001	98	162735	20.0	18.8	
112 4-Ethyltoluene	105	10.089	10.090	-0.001	97	187823	20.0	18.8	
113 1,3,5-Trimethylbenzene	105	10.146	10.147	-0.001	92	153816	20.0	18.6	
114 4-Chlorotoluene	91	10.180	10.182	-0.002	98	152413	20.0	18.7	
115 Butyl Methacrylate	87	10.249	10.250	-0.001	97	50318	20.0	14.4	
116 tert-Butylbenzene	119	10.397	10.399	-0.002	93	122004	20.0	18.6	
117 1,2,4-Trimethylbenzene	105	10.454	10.456	-0.002	98	163671	20.0	19.0	
118 sec-Butylbenzene	105	10.569	10.570	-0.001	99	171257	20.0	17.6	
120 1,3-Dichlorobenzene	146	10.671	10.684	-0.013	93	102249	20.0	20.8	
119 4-Isopropyltoluene	119	10.683	10.684	-0.001	98	152652	20.0	18.3	
* 121 1,4-Dichlorobenzene-d4	152	10.728	10.730	-0.002	96	218238	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.751	10.752	-0.001	95	104389	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	10.763	10.764	-0.001	99	183180	20.0	19.6	
124 Benzyl chloride	91	10.854	10.855	-0.001	98	82425	20.0	15.7	
125 2,3-Dihydroindene	117	10.900	10.901	-0.001	95	177780	20.0	19.9	
126 p-Diethylbenzene	119	10.945	10.947	-0.002	94	80363	20.0	18.8	
127 n-Butylbenzene	92	10.957	10.958	-0.001	97	79369	20.0	18.1	
128 1,2-Dichlorobenzene	146	11.002	11.004	-0.002	96	101196	20.0	20.9	
129 1,2,4,5-Tetramethylbenzene	119	11.436	11.437	-0.001	98	158389	20.0	19.0	
130 1,2-Dibromo-3-Chloropropane	157	11.505	11.517	-0.012	93	11339	20.0	19.8	
131 1,3,5-Trichlorobenzene	180	11.585	11.597	-0.012	97	73366	20.0	20.5	
132 1,2,4-Trichlorobenzene	180	11.973	11.974	-0.001	94	65080	20.0	20.8	
133 Hexachlorobutadiene	225	12.030	12.043	-0.013	94	21197	20.0	19.8	
134 Naphthalene	128	12.133	12.145	-0.012	99	150898	20.0	18.5	
135 1,2,3-Trichlorobenzene	180	12.281	12.294	-0.013	95	59207	20.0	20.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 137 Xylenes, Total	100				0		40.0	38.4	
S 138 Total BTEX	1				0		100.0	98.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158	Amount Added: 20.00	Units: uL	
524freon_00056	Amount Added: 20.00	Units: uL	
GASES Li_00492	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79830.D

Injection Date: 09-Sep-2022 04:13:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-5 MS

Worklist Smp#: 24

Client ID: FSMW13B-083022

Purge Vol: 5.000 mL

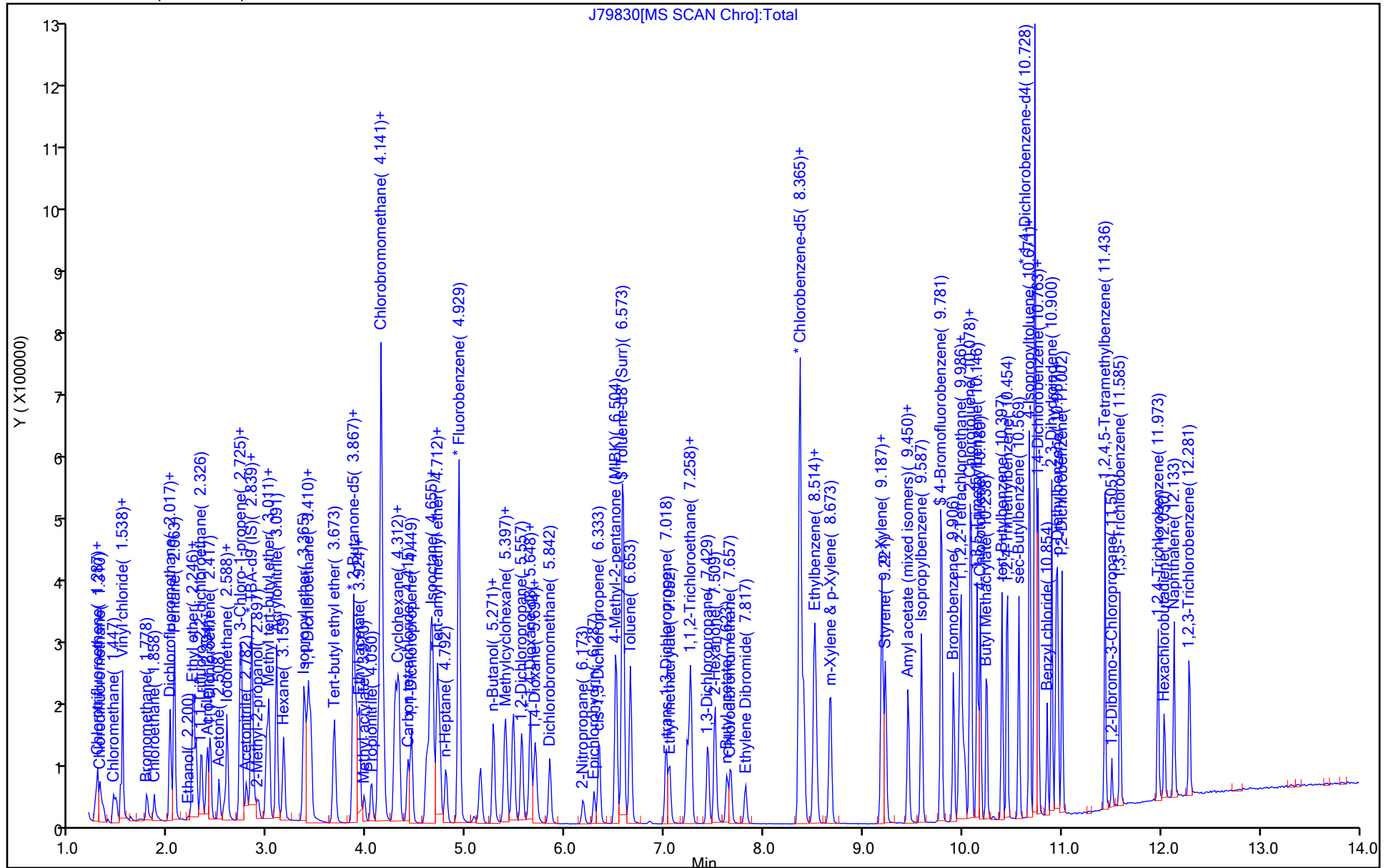
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79830.D
 Lims ID: 460-264728-B-5 MS
 Client ID: FSMW13B-083022
 Sample Type: MS
 Inject. Date: 09-Sep-2022 04:13:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-5 MS
 Misc. Info.: 460-0150151-024
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:58:31

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.7	105.31
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.7	97.42
\$ 83 Toluene-d8 (Surr)	50.0	49.5	98.90
\$ 105 4-Bromofluorobenzene	50.0	53.0	105.92

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW6B-083122 MS</u>	Lab Sample ID: <u>460-264728-10 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79832.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 10:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 05:04</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.3		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.20
75-34-3	1,1-Dichloroethane	18.0		1.0	0.26
75-35-4	1,1-Dichloroethene	18.6		1.0	0.26
107-06-2	1,2-Dichloroethane	19.1		1.0	0.43
78-87-5	1,2-Dichloropropane	18.8		1.0	0.35
78-93-3	2-Butanone (MEK)	96.8		5.0	1.9
591-78-6	2-Hexanone	89.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	95.7		5.0	1.3
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	19.2		1.0	0.20
75-27-4	Bromodichloromethane	18.9		1.0	0.34
75-25-2	Bromoform	22.0		1.0	0.54
74-83-9	Bromomethane	17.1		1.0	0.55
75-15-0	Carbon disulfide	18.0		1.0	0.82
56-23-5	Carbon tetrachloride	19.6		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
74-97-5	Chlorobromomethane	21.8		1.0	0.41
75-00-3	Chloroethane	17.3		1.0	0.32
67-66-3	Chloroform	19.5		1.0	0.33
74-87-3	Chloromethane	16.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.2		1.0	0.22
100-41-4	Ethylbenzene	18.4		1.0	0.30
75-09-2	Methylene Chloride	18.7		1.0	0.32
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	24.5		1.0	0.25
108-88-3	Toluene	18.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.8		1.0	0.22
79-01-6	Trichloroethene	20.3		1.0	0.31
75-01-4	Vinyl chloride	16.0		1.0	0.17
1330-20-7	Xylenes, Total	36.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW6B-083122 MS Lab Sample ID: 460-264728-10 MS
Matrix: Water Lab File ID: J79832.D
Analysis Method: 8260D Date Collected: 08/31/2022 10:35
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 05:04
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
2037-26-5	Toluene-d8 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79832.D
 Lims ID: 460-264728-B-10 MS
 Client ID: FSMW6B-083122
 Sample Type: MS
 Inject. Date: 09-Sep-2022 05:04:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-10 MS
 Misc. Info.: 460-0150151-026
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:59:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.263	1.265	-0.002	95	3641	20.0	15.5	
4 Dichlorodifluoromethane	85	1.286	1.288	-0.002	99	51670	20.0	15.7	
5 Chlorodifluoromethane	67	1.309	1.311	-0.002	97	8012	20.0	15.9	
6 Chloromethane	50	1.446	1.448	-0.002	100	69936	20.0	16.0	
7 Vinyl chloride	62	1.515	1.516	-0.001	99	51375	20.0	16.0	
8 Butadiene	54	1.537	1.539	-0.002	95	48426	20.0	14.8	
9 Bromomethane	94	1.777	1.779	-0.002	99	24374	20.0	17.1	
10 Chloroethane	64	1.857	1.859	-0.002	98	28463	20.0	17.3	
11 Trichlorofluoromethane	101	2.017	2.019	-0.002	97	57248	20.0	16.4	
12 Dichlorofluoromethane	67	2.017	2.019	-0.002	93	84089	20.0	16.9	
13 Pentane	43	2.063	2.064	-0.001	95	127625	40.0	28.7	
14 Ethanol	46	2.200	2.201	-0.001	96	11511	800.0	1300.4	
15 Ethyl ether	59	2.234	2.236	-0.002	94	36140	20.0	18.3	
16 2-Methyl-1,3-butadiene	53	2.257	2.258	-0.001	98	38467	20.0	15.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.280	2.281	-0.001	96	30313	20.0	19.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.325	2.338	-0.013	99	56778	20.0	17.6	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.382	2.395	-0.013	97	37658	20.0	17.8	
19 Acrolein	56	2.394	2.395	-0.001	95	12031	40.0	35.7	
21 1,1-Dichloroethene	96	2.417	2.430	-0.013	99	36060	20.0	18.6	
22 Acetone	43	2.508	2.510	-0.002	85	66338	100.0	87.0	
23 Iodomethane	142	2.565	2.567	-0.002	99	40856	20.0	15.4	
24 Carbon disulfide	76	2.588	2.589	-0.001	100	140310	20.0	18.0	
25 Isopropyl alcohol	45	2.599	2.601	-0.002	98	32142	200.0	294.9	
26 3-Chloro-1-propene	76	2.713	2.726	-0.013	89	25074	20.0	18.3	
28 Methyl acetate	43	2.736	2.738	-0.002	84	69663	40.0	32.9	
27 Cyclopentene	67	2.736	2.738	-0.002	92	99876	20.0	16.4	
29 Acetonitrile	41	2.782	2.784	-0.002	98	66162	200.0	199.2	
* 30 TBA-d9 (IS)	65	2.839	2.841	-0.002	93	210289	1000.0	1000.0	
31 Methylene Chloride	84	2.839	2.841	-0.002	67	46535	20.0	18.7	
32 2-Methyl-2-propanol	59	2.907	2.909	-0.002	98	40645	200.0	267.6	
33 Methyl tert-butyl ether	73	2.987	2.989	-0.002	96	116630	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.010	3.023	-0.013	99	41221	20.0	18.7	
35 Acrylonitrile	53	3.090	3.092	-0.002	94	171453	200.0	182.5	
36 Hexane	57	3.159	3.160	-0.001	93	46231	20.0	14.5	
37 Isopropyl ether	45	3.364	3.366	-0.002	96	166072	20.0	17.5	
38 1,1-Dichloroethane	63	3.398	3.400	-0.002	99	86747	20.0	18.0	
39 Vinyl acetate	43	3.410	3.411	-0.001	100	212997	40.0	36.8	
40 2-Chloro-1,3-butadiene	88	3.433	3.434	-0.001	92	36761	20.0	18.8	
41 Tert-butyl ethyl ether	59	3.672	3.674	-0.002	88	131280	20.0	18.5	
42 2,2-Dichloropropane	79	3.866	3.868	-0.002	54	19181	20.0	17.1	a
* 43 2-Butanone-d5	46	3.866	3.868	-0.002	94	318350	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.889	3.902	-0.013	94	49953	20.0	21.2	
46 2-Butanone (MEK)	72	3.924	3.925	-0.001	95	22427	100.0	96.8	
45 Ethyl acetate	70	3.924	3.925	-0.001	95	8641	40.0	38.9	
47 Methyl acrylate	55	3.969	3.971	-0.002	99	40160	20.0	18.9	
48 Propionitrile	54	4.049	4.051	-0.002	97	65578	200.0	204.3	
50 Chlorobromomethane	128	4.106	4.119	-0.013	98	24826	20.0	21.8	
49 Tetrahydrofuran	72	4.118	4.119	-0.001	94	10105	40.0	41.4	
51 Methacrylonitrile	67	4.140	4.142	-0.002	97	190013	200.0	200.6	
52 Chloroform	83	4.163	4.165	-0.002	98	81117	20.0	19.5	
53 Cyclohexane	84	4.277	4.291	-0.014	97	52126	20.0	17.0	
54 1,1,1-Trichloroethane	97	4.300	4.302	-0.002	98	63750	20.0	19.6	
\$ 55 Dibromofluoromethane (Surr)	113	4.323	4.325	-0.002	96	112359	50.0	51.2	
56 Carbon tetrachloride	117	4.414	4.416	-0.002	98	55260	20.0	19.6	
57 1,1-Dichloropropene	75	4.449	4.450	-0.001	94	57882	20.0	17.9	
58 Isobutyl alcohol	43	4.597	4.599	-0.002	95	66627	500.0	526.6	
59 Isooctane	57	4.609	4.610	-0.001	95	87481	20.0	15.2	
60 Benzene	78	4.643	4.644	-0.001	97	181454	20.0	19.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.666	4.667	-0.001	0	136668	50.0	47.6	
63 Tert-amyl methyl ether	55	4.711	4.713	-0.002	71	40211	20.0	19.7	
62 Isopropyl acetate	43	4.711	4.713	-0.002	92	145199	20.0	18.5	
64 1,2-Dichloroethane	62	4.734	4.736	-0.002	97	67799	20.0	19.1	
65 n-Heptane	57	4.791	4.804	-0.013	96	18178	20.0	14.9	
* 66 Fluorobenzene	96	4.928	4.930	-0.002	98	492597	50.0	50.0	
67 n-Butanol	56	5.259	5.261	-0.002	96	24352	500.0	742.3	
68 Trichloroethene	95	5.271	5.272	-0.001	97	47005	20.0	20.3	
69 Methylcyclohexane	83	5.385	5.398	-0.013	93	53730	20.0	17.0	
70 Ethyl acrylate	55	5.396	5.409	-0.013	98	103904	20.0	17.5	
71 1,2-Dichloropropane	63	5.556	5.558	-0.002	90	52814	20.0	18.8	
* 72 1,4-Dioxane-d8	96	5.625	5.638	-0.013	0	27848	1000.0	1000.0	
73 Methyl methacrylate	100	5.647	5.649	-0.002	95	19361	40.0	41.5	
75 1,4-Dioxane	88	5.682	5.683	-0.001	49	11322	400.0	1024.1	
74 Dibromomethane	93	5.682	5.695	-0.013	97	31508	20.0	20.0	
76 n-Propyl acetate	43	5.705	5.706	-0.001	98	68520	20.0	17.7	
77 Dichlorobromomethane	83	5.842	5.843	-0.001	98	61942	20.0	18.9	
78 2-Nitropropane	41	6.173	6.186	-0.013	99	23835	40.0	33.0	
80 Epichlorohydrin	57	6.287	6.288	-0.001	99	39746	400.0	199.5	
81 cis-1,3-Dichloropropene	75	6.333	6.346	-0.014	98	72600	20.0	17.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.504	6.517	-0.013	98	232442	100.0	95.7	
\$ 83 Toluene-d8 (Surr)	98	6.572	6.585	-0.013	98	405745	50.0	48.9	
84 Toluene	91	6.652	6.654	-0.002	93	175681	20.0	18.5	
85 trans-1,3-Dichloropropene	75	7.018	7.019	-0.001	98	65965	20.0	17.8	
86 Ethyl methacrylate	69	7.052	7.053	-0.001	96	46842	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.223	7.225	-0.002	95	38389	20.0	19.6	
88 Tetrachloroethene	166	7.257	7.270	-0.013	97	52539	20.0	24.5	
89 1,3-Dichloropropane	76	7.429	7.442	-0.013	98	69098	20.0	18.3	
90 2-Hexanone	58	7.508	7.510	-0.002	98	70078	100.0	89.4	
91 n-Butyl acetate	43	7.623	7.624	-0.001	96	69105	20.0	16.6	
92 Chlorodibromomethane	129	7.657	7.670	-0.013	98	47923	20.0	20.6	
93 Ethylene Dibromide	107	7.817	7.818	-0.001	99	42406	20.0	19.5	
* 94 Chlorobenzene-d5	117	8.365	8.366	-0.001	87	380611	50.0	50.0	
95 Chlorobenzene	112	8.399	8.401	-0.002	95	120039	20.0	19.5	
96 Ethylbenzene	106	8.502	8.515	-0.013	99	57882	20.0	18.4	
97 1,1,1,2-Tetrachloroethane	131	8.525	8.526	-0.001	96	43268	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.662	8.675	-0.013	0	68840	20.0	18.2	
99 o-Xylene	106	9.187	9.188	-0.001	93	69896	20.0	18.2	
100 n-Butyl acrylate	73	9.187	9.188	-0.001	79	29021	20.0	17.3	
101 Styrene	104	9.221	9.223	-0.002	95	121680	20.0	19.4	
102 Amyl acetate (mixed isomers)	43	9.449	9.451	-0.002	88	74523	20.0	14.7	
103 Bromoform	173	9.449	9.462	-0.013	65	33065	20.0	22.0	
104 Isopropylbenzene	105	9.586	9.588	-0.002	97	168288	20.0	18.5	
\$ 105 4-Bromofluorobenzene	174	9.780	9.793	-0.013	93	140891	50.0	54.3	
106 Bromobenzene	156	9.906	9.919	-0.013	96	53604	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.963	9.965	-0.002	97	58137	20.0	18.3	
108 N-Propylbenzene	91	9.986	9.988	-0.002	99	207865	20.0	16.9	
109 1,2,3-Trichloropropane	110	10.009	10.010	-0.001	96	14281	20.0	19.9	
110 trans-1,4-Dichloro-2-butene	53	10.020	10.033	-0.013	87	16536	20.0	16.1	
111 2-Chlorotoluene	91	10.077	10.079	-0.002	98	156393	20.0	18.0	
112 4-Ethyltoluene	105	10.089	10.090	-0.001	97	178633	20.0	17.9	
113 1,3,5-Trimethylbenzene	105	10.146	10.147	-0.001	93	148879	20.0	17.9	
114 4-Chlorotoluene	91	10.180	10.182	-0.002	98	145314	20.0	17.8	
115 Butyl Methacrylate	87	10.248	10.250	-0.002	96	49751	20.0	14.1	
116 tert-Butylbenzene	119	10.397	10.399	-0.002	94	118231	20.0	17.9	
117 1,2,4-Trimethylbenzene	105	10.454	10.456	-0.002	97	154682	20.0	17.9	
118 sec-Butylbenzene	105	10.568	10.570	-0.002	99	171548	20.0	17.6	
120 1,3-Dichlorobenzene	146	10.671	10.684	-0.013	94	100283	20.0	20.3	
119 4-Isopropyltoluene	119	10.671	10.684	-0.013	97	146267	20.0	17.5	
* 121 1,4-Dichlorobenzene-d4	152	10.728	10.730	-0.002	96	219026	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.751	10.752	-0.001	96	99194	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.762	10.764	-0.002	99	168721	20.0	18.0	
124 Benzyl chloride	91	10.854	10.855	-0.001	98	78593	20.0	14.9	
125 2,3-Dihydroindene	117	10.899	10.901	-0.002	95	169153	20.0	18.9	
126 p-Diethylbenzene	119	10.945	10.947	-0.002	94	78425	20.0	18.3	
127 n-Butylbenzene	92	10.956	10.958	-0.002	97	78920	20.0	18.0	
128 1,2-Dichlorobenzene	146	11.002	11.004	-0.002	96	96239	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	11.436	11.437	-0.001	98	149174	20.0	17.8	
130 1,2-Dibromo-3-Chloropropane	157	11.504	11.517	-0.013	93	12050	20.0	20.9	
131 1,3,5-Trichlorobenzene	180	11.584	11.597	-0.013	97	70971	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	11.972	11.974	-0.002	94	66044	20.0	21.0	
133 Hexachlorobutadiene	225	12.029	12.043	-0.014	94	22118	20.0	20.6	
134 Naphthalene	128	12.132	12.145	-0.013	99	160951	20.0	19.6	
135 1,2,3-Trichlorobenzene	180	12.281	12.294	-0.013	96	62101	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 137 Xylenes, Total	100				0		40.0	36.4	
S 138 Total BTEX	1				0		100.0	92.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158	Amount Added: 20.00	Units: uL	
524freon_00056	Amount Added: 20.00	Units: uL	
GASES Li_00492	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79832.D

Injection Date: 09-Sep-2022 05:04:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-10 MS

Worklist Smp#: 26

Client ID: FSMW6B-083122

Purge Vol: 5.000 mL

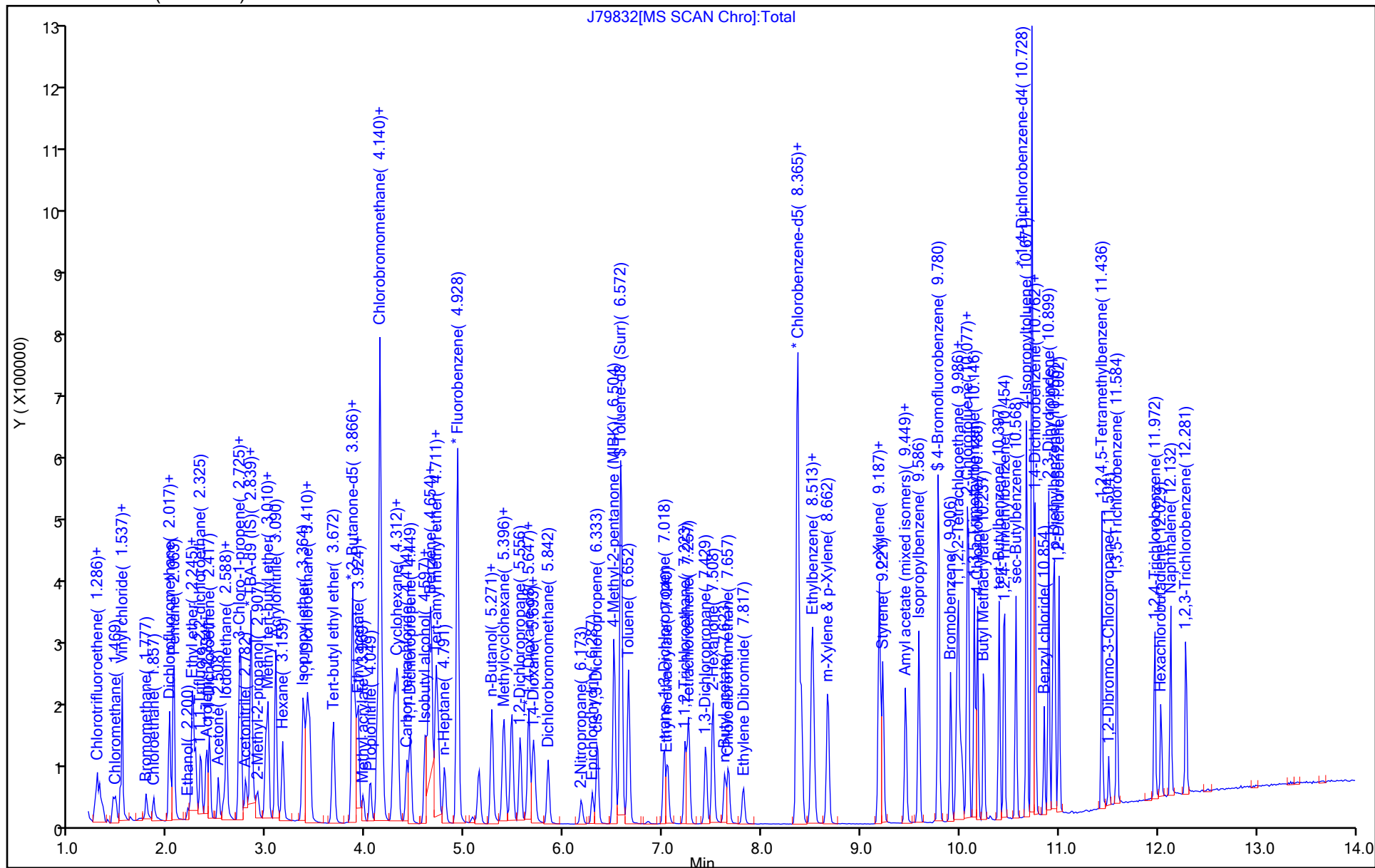
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79832.D
 Lims ID: 460-264728-B-10 MS
 Client ID: FSMW6B-083122
 Sample Type: MS
 Inject. Date: 09-Sep-2022 05:04:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-10 MS
 Misc. Info.: 460-0150151-026
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:59:14

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	51.2	102.32
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.6	95.23
\$ 83 Toluene-d8 (Surr)	50.0	48.9	97.75
\$ 105 4-Bromofluorobenzene	50.0	54.3	108.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW13B-083022 MSD</u>	Lab Sample ID: <u>460-264728-5 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79831.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/30/2022 17:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 04:38</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.20
75-34-3	1,1-Dichloroethane	21.8		1.0	0.26
75-35-4	1,1-Dichloroethene	21.0		1.0	0.26
107-06-2	1,2-Dichloroethane	21.3		1.0	0.43
78-87-5	1,2-Dichloropropane	21.0		1.0	0.35
78-93-3	2-Butanone (MEK)	99.3		5.0	1.9
591-78-6	2-Hexanone	100		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	1.3
67-64-1	Acetone	90.1		5.0	4.4
71-43-2	Benzene	21.2		1.0	0.20
75-27-4	Bromodichloromethane	21.3		1.0	0.34
75-25-2	Bromoform	23.7		1.0	0.54
74-83-9	Bromomethane	19.8		1.0	0.55
75-15-0	Carbon disulfide	21.5		1.0	0.82
56-23-5	Carbon tetrachloride	22.5		1.0	0.21
108-90-7	Chlorobenzene	21.7		1.0	0.38
74-97-5	Chlorobromomethane	24.9		1.0	0.41
75-00-3	Chloroethane	20.8		1.0	0.32
67-66-3	Chloroform	22.9		1.0	0.33
74-87-3	Chloromethane	19.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.22
100-41-4	Ethylbenzene	20.5		1.0	0.30
75-09-2	Methylene Chloride	21.3		1.0	0.32
100-42-5	Styrene	21.6		1.0	0.42
127-18-4	Tetrachloroethene	40.4		1.0	0.25
108-88-3	Toluene	20.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.22
79-01-6	Trichloroethene	22.1		1.0	0.31
75-01-4	Vinyl chloride	19.2		1.0	0.17
1330-20-7	Xylenes, Total	40.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW13B-083022 MSD Lab Sample ID: 460-264728-5 MSD
Matrix: Water Lab File ID: J79831.D
Analysis Method: 8260D Date Collected: 08/30/2022 17:40
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 04:38
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
2037-26-5	Toluene-d8 (Surr)	96		80-120
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79831.D
 Lims ID: 460-264728-B-5 MSD
 Client ID: FSMW13B-083022
 Sample Type: MSD
 Inject. Date: 09-Sep-2022 04:38:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-5 MSD
 Misc. Info.: 460-0150151-025
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:58:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.265	1.265	0.000	94	4118	20.0	18.1	
4 Dichlorodifluoromethane	85	1.287	1.288	-0.001	100	60062	20.0	18.8	
5 Chlorodifluoromethane	67	1.310	1.311	-0.001	97	9559	20.0	19.7	
6 Chloromethane	50	1.447	1.448	-0.001	100	82688	20.0	19.5	
7 Vinyl chloride	62	1.516	1.516	0.000	99	59766	20.0	19.2	
8 Butadiene	54	1.539	1.539	0.000	95	55838	20.0	17.6	
9 Bromomethane	94	1.778	1.779	-0.001	98	27317	20.0	19.8	
10 Chloroethane	64	1.858	1.859	-0.001	98	33118	20.0	20.8	
11 Trichlorofluoromethane	101	2.018	2.019	-0.001	97	62678	20.0	18.6	
12 Dichlorofluoromethane	67	2.018	2.019	-0.001	91	94134	20.0	19.6	
13 Pentane	43	2.052	2.064	-0.012	97	146692	40.0	34.1	
14 Ethanol	46	2.201	2.201	0.000	99	11159	800.0	1213.1	
15 Ethyl ether	59	2.235	2.236	-0.001	92	39409	20.0	20.6	
16 2-Methyl-1,3-butadiene	53	2.258	2.258	0.000	98	44630	20.0	18.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.281	2.281	0.000	97	33399	20.0	22.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.326	2.338	-0.012	97	61988	20.0	19.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.383	2.395	-0.012	97	41972	20.0	20.5	
19 Acrolein	56	2.395	2.395	0.000	96	13327	40.0	38.1	
21 1,1-Dichloroethene	96	2.418	2.430	-0.012	94	39318	20.0	21.0	
22 Acetone	43	2.509	2.510	-0.001	85	70653	100.0	90.1	
23 Iodomethane	142	2.566	2.567	-0.001	98	39952	20.0	15.6	
24 Carbon disulfide	76	2.589	2.589	0.000	100	162766	20.0	21.5	
25 Isopropyl alcohol	45	2.600	2.601	-0.001	98	33926	200.0	299.5	
26 3-Chloro-1-propene	76	2.715	2.726	-0.011	90	27953	20.0	21.1	
28 Methyl acetate	43	2.737	2.738	-0.001	79	76832	40.0	37.5	
27 Cyclopentene	67	2.737	2.738	-0.001	92	113418	20.0	19.2	
29 Acetonitrile	41	2.783	2.784	-0.001	99	68764	200.0	199.3	
* 30 TBA-d9 (IS)	65	2.840	2.841	-0.001	92	218529	1000.0	1000.0	
31 Methylene Chloride	84	2.840	2.841	-0.001	57	51454	20.0	21.3	
32 2-Methyl-2-propanol	59	2.909	2.909	0.000	97	44207	200.0	280.1	
33 Methyl tert-butyl ether	73	2.989	2.989	0.000	97	127376	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.011	3.023	-0.012	99	45703	20.0	21.4	
35 Acrylonitrile	53	3.091	3.092	-0.001	94	186092	200.0	190.6	
36 Hexane	57	3.160	3.160	0.000	92	52246	20.0	16.9	
37 Isopropyl ether	45	3.365	3.366	-0.001	96	188229	20.0	20.5	
38 1,1-Dichloroethane	63	3.388	3.400	-0.012	99	101731	20.0	21.8	
39 Vinyl acetate	43	3.411	3.411	0.000	100	243302	40.0	43.5	
40 2-Chloro-1,3-butadiene	88	3.434	3.434	0.000	93	42016	20.0	22.1	
41 Tert-butyl ethyl ether	59	3.674	3.674	0.000	87	143119	20.0	20.8	
42 2,2-Dichloropropane	79	3.868	3.868	0.000	59	21649	20.0	20.0	
* 43 2-Butanone-d5	46	3.868	3.868	0.000	95	327487	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.890	3.902	-0.012	94	53808	20.0	23.6	
46 2-Butanone (MEK)	72	3.925	3.925	0.000	94	23661	100.0	99.3	
45 Ethyl acetate	70	3.925	3.925	0.000	95	9188	40.0	40.2	
47 Methyl acrylate	55	3.970	3.971	-0.001	99	43990	20.0	21.4	
48 Propionitrile	54	4.050	4.051	-0.001	97	74398	200.0	223.0	
50 Chlorobromomethane	128	4.119	4.119	0.000	98	27445	20.0	24.9	
49 Tetrahydrofuran	72	4.119	4.119	0.000	91	10693	40.0	42.6	
51 Methacrylonitrile	67	4.142	4.142	0.000	97	210440	200.0	229.5	
52 Chloroform	83	4.164	4.165	-0.001	98	92242	20.0	22.9	
53 Cyclohexane	84	4.279	4.291	-0.012	98	57835	20.0	19.5	
54 1,1,1-Trichloroethane	97	4.301	4.302	-0.001	98	71344	20.0	22.7	
\$ 55 Dibromofluoromethane (Surr)	113	4.324	4.325	-0.001	96	112490	50.0	52.9	
56 Carbon tetrachloride	117	4.416	4.416	0.000	98	61418	20.0	22.5	
57 1,1-Dichloropropene	75	4.450	4.450	0.000	94	65466	20.0	20.9	
58 Isobutyl alcohol	43	4.598	4.599	-0.001	96	74251	500.0	564.7	
59 Isooctane	57	4.610	4.610	0.000	95	99970	20.0	18.0	
60 Benzene	78	4.644	4.644	0.000	97	200116	20.0	21.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	0	137192	50.0	49.4	
63 Tert-amyl methyl ether	55	4.712	4.713	-0.001	71	44798	20.0	22.7	
62 Isopropyl acetate	43	4.712	4.713	-0.001	92	168436	20.0	22.2	
64 1,2-Dichloroethane	62	4.735	4.736	-0.001	96	72972	20.0	21.3	
65 n-Heptane	57	4.792	4.804	-0.012	96	20310	20.0	17.2	
* 66 Fluorobenzene	96	4.929	4.930	-0.001	98	476746	50.0	50.0	
67 n-Butanol	56	5.260	5.261	-0.001	95	24650	500.0	723.1	
68 Trichloroethene	95	5.272	5.272	0.000	97	49443	20.0	22.1	
69 Methylcyclohexane	83	5.386	5.398	-0.012	93	58742	20.0	19.2	
70 Ethyl acrylate	55	5.397	5.409	-0.012	98	113382	20.0	19.8	
71 1,2-Dichloropropane	63	5.557	5.558	-0.001	88	57154	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.637	5.638	-0.001	0	27939	1000.0	1000.0	
73 Methyl methacrylate	100	5.649	5.649	0.000	95	21618	40.0	47.8	
75 1,4-Dioxane	88	5.683	5.683	0.000	46	11721	400.0	1054.2	
74 Dibromomethane	93	5.683	5.695	-0.012	97	33927	20.0	22.3	
76 n-Propyl acetate	43	5.706	5.706	0.000	98	75900	20.0	20.2	
77 Dichlorobromomethane	83	5.843	5.843	0.000	98	67446	20.0	21.3	
78 2-Nitropropane	41	6.174	6.186	-0.012	99	25728	40.0	34.2	
80 Epichlorohydrin	57	6.288	6.288	0.000	99	43627	400.0	212.9	
81 cis-1,3-Dichloropropene	75	6.334	6.346	-0.012	97	80208	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.505	6.517	-0.012	99	256958	100.0	102.9	
\$ 83 Toluene-d8 (Surr)	98	6.573	6.585	-0.012	99	397150	50.0	48.0	
84 Toluene	91	6.653	6.654	-0.001	93	194161	20.0	20.5	
85 trans-1,3-Dichloropropene	75	7.007	7.019	-0.012	98	70733	20.0	19.1	
86 Ethyl methacrylate	69	7.053	7.053	0.000	95	49768	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
87 1,1,2-Trichloroethane	83	7.224	7.225	-0.001	95	41138	20.0	21.1	
88 Tetrachloroethene	166	7.258	7.270	-0.012	98	86230	20.0	40.4	
89 1,3-Dichloropropane	76	7.430	7.442	-0.012	98	75332	20.0	20.0	
90 2-Hexanone	58	7.510	7.510	0.000	99	80833	100.0	100.3	
91 n-Butyl acetate	43	7.624	7.624	0.000	96	77070	20.0	18.6	
92 Chlorodibromomethane	129	7.658	7.670	-0.012	98	51920	20.0	22.4	
93 Ethylene Dibromide	107	7.818	7.818	0.000	99	45500	20.0	21.0	
* 94 Chlorobenzene-d5	117	8.366	8.366	0.000	88	379320	50.0	50.0	
95 Chlorobenzene	112	8.400	8.401	-0.001	94	133019	20.0	21.7	
96 Ethylbenzene	106	8.503	8.515	-0.012	99	64230	20.0	20.5	
97 1,1,1,2-Tetrachloroethane	131	8.526	8.526	0.000	95	47494	20.0	22.0	
98 m-Xylene & p-Xylene	106	8.663	8.675	-0.012	0	75612	20.0	20.1	
99 o-Xylene	106	9.188	9.188	0.000	93	77181	20.0	20.2	
100 n-Butyl acrylate	73	9.188	9.188	0.000	69	32536	20.0	19.4	
101 Styrene	104	9.222	9.223	-0.001	94	134891	20.0	21.6	
102 Amyl acetate (mixed isomers)	43	9.450	9.451	-0.001	87	84787	20.0	16.4	
103 Bromoform	173	9.450	9.462	-0.012	64	35434	20.0	23.7	
104 Isopropylbenzene	105	9.587	9.588	-0.001	97	187312	20.0	20.6	
\$ 105 4-Bromofluorobenzene	174	9.782	9.793	-0.011	93	137699	50.0	53.3	
106 Bromobenzene	156	9.907	9.919	-0.012	96	60198	20.0	21.9	
107 1,1,2,2-Tetrachloroethane	83	9.964	9.965	-0.001	97	64783	20.0	20.0	
108 N-Propylbenzene	91	9.987	9.988	-0.001	99	230470	20.0	18.4	
109 1,2,3-Trichloropropane	110	10.010	10.010	0.000	96	15718	20.0	21.5	
110 trans-1,4-Dichloro-2-butene	53	10.021	10.033	-0.012	86	18226	20.0	17.4	
111 2-Chlorotoluene	91	10.078	10.079	-0.001	98	173023	20.0	19.5	
112 4-Ethyltoluene	105	10.090	10.090	0.000	97	201921	20.0	19.8	
113 1,3,5-Trimethylbenzene	105	10.147	10.147	0.000	93	163452	20.0	19.3	
114 4-Chlorotoluene	91	10.181	10.182	-0.001	97	161498	20.0	19.4	
115 Butyl Methacrylate	87	10.238	10.250	-0.012	97	56317	20.0	15.7	
116 tert-Butylbenzene	119	10.398	10.399	-0.001	93	129688	20.0	19.3	
117 1,2,4-Trimethylbenzene	105	10.455	10.456	-0.001	98	174477	20.0	19.8	
118 sec-Butylbenzene	105	10.569	10.570	-0.001	99	190792	20.0	19.2	
120 1,3-Dichlorobenzene	146	10.672	10.684	-0.012	88	111963	20.0	22.3	
119 4-Isopropyltoluene	119	10.672	10.684	-0.012	97	161281	20.0	19.0	
* 121 1,4-Dichlorobenzene-d4	152	10.729	10.730	-0.001	95	222949	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.752	10.752	0.000	95	113618	20.0	21.7	
123 1,2,3-Trimethylbenzene	105	10.763	10.764	-0.001	99	195597	20.0	20.5	
124 Benzyl chloride	91	10.855	10.855	0.000	98	88090	20.0	16.4	
125 2,3-Dihydroindene	117	10.900	10.901	-0.001	95	188261	20.0	20.6	
126 p-Diethylbenzene	119	10.946	10.947	-0.001	94	90086	20.0	20.6	
127 n-Butylbenzene	92	10.957	10.958	-0.001	97	86772	20.0	19.4	
128 1,2-Dichlorobenzene	146	11.003	11.004	-0.001	96	107822	20.0	21.7	
129 1,2,4,5-Tetramethylbenzene	119	11.437	11.437	0.000	98	165745	20.0	19.5	
130 1,2-Dibromo-3-Chloropropane	157	11.505	11.517	-0.012	94	12950	20.0	22.1	
131 1,3,5-Trichlorobenzene	180	11.585	11.597	-0.012	97	79759	20.0	21.8	
132 1,2,4-Trichlorobenzene	180	11.974	11.974	0.000	93	72921	20.0	22.8	
133 Hexachlorobutadiene	225	12.031	12.043	-0.012	95	24890	20.0	22.7	
134 Naphthalene	128	12.133	12.145	-0.012	99	175548	20.0	21.0	
135 1,2,3-Trichlorobenzene	180	12.282	12.294	-0.012	95	67092	20.0	22.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.9	
S 137 Xylenes, Total	100				0		40.0	40.3	
S 138 Total BTEX	1				0		100.0	102.5	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00158	Amount Added: 20.00	Units: uL	
524freon_00056	Amount Added: 20.00	Units: uL	
GASES Li_00492	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79831.D

Injection Date: 09-Sep-2022 04:38:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-5 MSD

Worklist Smp#: 25

Client ID: FSMW13B-083022

Purge Vol: 5.000 mL

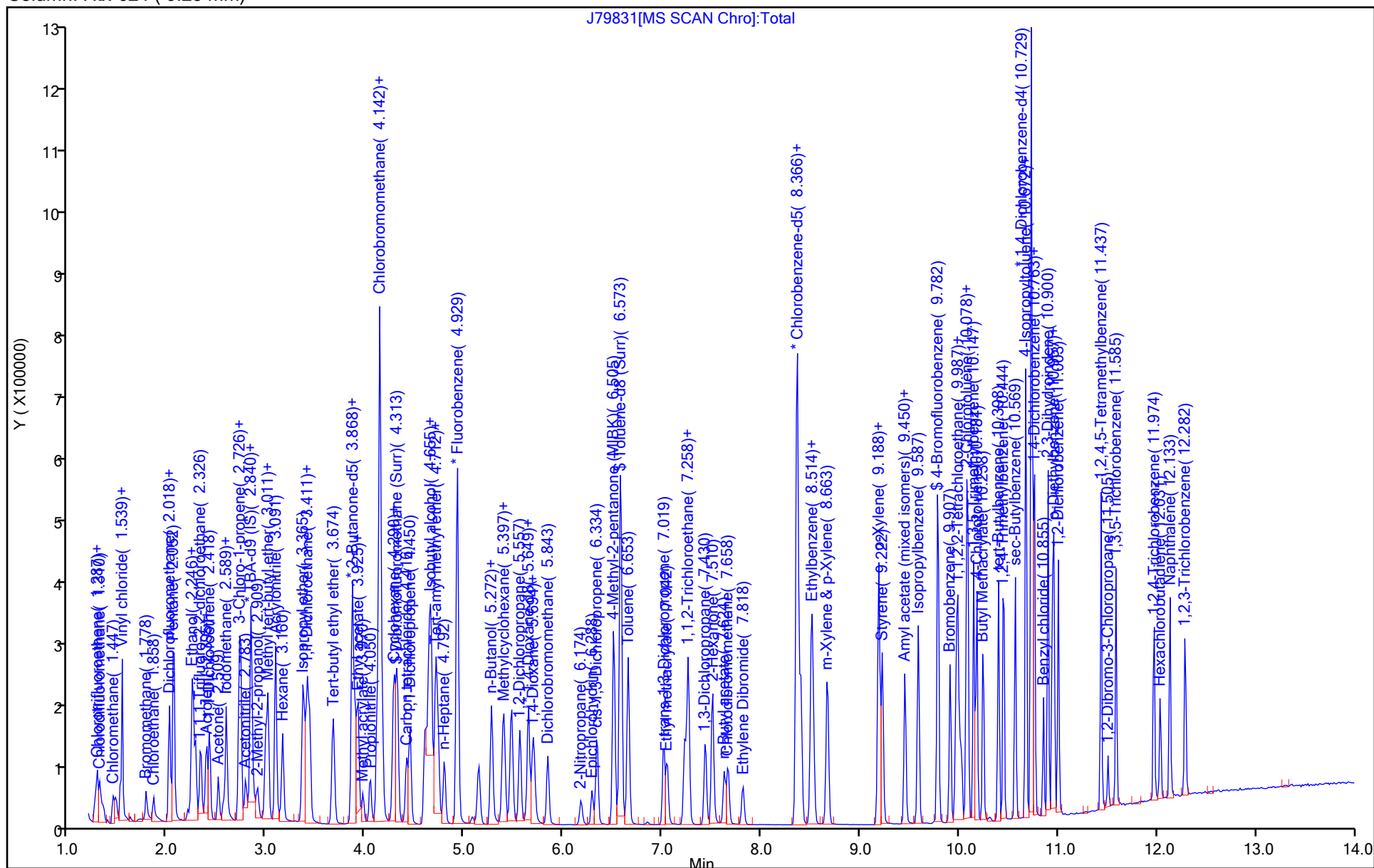
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79831.D
 Lims ID: 460-264728-B-5 MSD
 Client ID: FSMW13B-083022
 Sample Type: MSD
 Inject. Date: 09-Sep-2022 04:38:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-5 MSD
 Misc. Info.: 460-0150151-025
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:58:51

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.9	105.84
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.4	98.77
\$ 83 Toluene-d8 (Surr)	50.0	48.0	96.00
\$ 105 4-Bromofluorobenzene	50.0	53.3	106.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264728-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW6B-083122 MSD</u>	Lab Sample ID: <u>460-264728-10 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79833.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 10:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 05:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865303</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.7		1.0	0.20
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.5		1.0	0.26
107-06-2	1,2-Dichloroethane	21.8		1.0	0.43
78-87-5	1,2-Dichloropropane	21.2		1.0	0.35
78-93-3	2-Butanone (MEK)	114		5.0	1.9
591-78-6	2-Hexanone	109		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	1.3
67-64-1	Acetone	94.4		5.0	4.4
71-43-2	Benzene	21.8		1.0	0.20
75-27-4	Bromodichloromethane	21.3		1.0	0.34
75-25-2	Bromoform	25.7		1.0	0.54
74-83-9	Bromomethane	19.2		1.0	0.55
75-15-0	Carbon disulfide	20.4		1.0	0.82
56-23-5	Carbon tetrachloride	22.5		1.0	0.21
108-90-7	Chlorobenzene	22.3		1.0	0.38
74-97-5	Chlorobromomethane	24.8		1.0	0.41
75-00-3	Chloroethane	19.2		1.0	0.32
67-66-3	Chloroform	22.3		1.0	0.33
74-87-3	Chloromethane	18.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	24.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.22
100-41-4	Ethylbenzene	20.9		1.0	0.30
75-09-2	Methylene Chloride	21.1		1.0	0.32
100-42-5	Styrene	22.5		1.0	0.42
127-18-4	Tetrachloroethene	27.7		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.7		1.0	0.22
79-01-6	Trichloroethene	22.8		1.0	0.31
75-01-4	Vinyl chloride	18.6		1.0	0.17
1330-20-7	Xylenes, Total	42.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1
SDG No.: _____
Client Sample ID: FSMW6B-083122 MSD Lab Sample ID: 460-264728-10 MSD
Matrix: Water Lab File ID: J79833.D
Analysis Method: 8260D Date Collected: 08/31/2022 10:35
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 05:29
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865303 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		70-128
2037-26-5	Toluene-d8 (Surr)	81		80-120
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79833.D
 Lims ID: 460-264728-B-10 MSD
 Client ID: FSMW6B-083122
 Sample Type: MSD
 Inject. Date: 09-Sep-2022 05:29:30 ALS Bottle#: 26 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-10 MSD
 Misc. Info.: 460-0150151-027
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:59:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.263	1.265	-0.002	95	4495	20.0	19.1	
4 Dichlorodifluoromethane	85	1.286	1.288	-0.002	99	59697	20.0	18.0	
5 Chlorodifluoromethane	67	1.309	1.311	-0.002	96	9775	20.0	19.4	
6 Chloromethane	50	1.446	1.448	-0.002	100	79942	20.0	18.2	
7 Vinyl chloride	62	1.514	1.516	-0.002	99	59931	20.0	18.6	
8 Butadiene	54	1.537	1.539	-0.002	95	54930	20.0	16.7	
9 Bromomethane	94	1.777	1.779	-0.002	99	27412	20.0	19.2	
10 Chloroethane	64	1.857	1.859	-0.002	98	31700	20.0	19.2	
11 Trichlorofluoromethane	101	2.017	2.019	-0.002	97	65208	20.0	18.7	
12 Dichlorofluoromethane	67	2.017	2.019	-0.002	92	96029	20.0	19.2	
13 Pentane	43	2.062	2.064	-0.002	95	145636	40.0	32.6	
14 Ethanol	46	2.199	2.201	-0.002	98	11546	800.0	1252.0	
15 Ethyl ether	59	2.233	2.236	-0.003	93	40935	20.0	20.6	
16 2-Methyl-1,3-butadiene	53	2.256	2.258	-0.002	99	44127	20.0	17.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.279	2.281	-0.002	98	35257	20.0	22.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.336	2.338	-0.002	96	66021	20.0	20.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.393	2.395	-0.002	98	43318	20.0	20.4	
19 Acrolein	56	2.393	2.395	-0.002	96	14985	40.0	42.7	
21 1,1-Dichloroethene	96	2.416	2.430	-0.014	97	41674	20.0	21.5	
22 Acetone	43	2.507	2.510	-0.003	85	73711	100.0	94.4	
23 Iodomethane	142	2.565	2.567	-0.002	97	46883	20.0	17.6	
24 Carbon disulfide	76	2.587	2.589	-0.002	100	160128	20.0	20.4	
25 Isopropyl alcohol	45	2.599	2.601	-0.002	98	35273	200.0	310.6	
26 3-Chloro-1-propene	76	2.713	2.726	-0.013	87	28284	20.0	20.5	
28 Methyl acetate	43	2.736	2.738	-0.002	78	76663	40.0	36.1	
27 Cyclopentene	67	2.736	2.738	-0.002	92	112530	20.0	18.4	
29 Acetonitrile	41	2.781	2.784	-0.003	98	70615	200.0	204.1	
* 30 TBA-d9 (IS)	65	2.839	2.841	-0.002	93	219086	1000.0	1000.0	
31 Methylene Chloride	84	2.839	2.841	-0.002	58	52793	20.0	21.1	
32 2-Methyl-2-propanol	59	2.907	2.909	-0.002	98	43580	200.0	275.4	
33 Methyl tert-butyl ether	73	2.987	2.989	-0.002	97	134114	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
34 trans-1,2-Dichloroethene	96	3.010	3.023	-0.013	99	47766	20.0	21.5	
35 Acrylonitrile	53	3.090	3.092	-0.002	93	193763	200.0	197.9	
36 Hexane	57	3.158	3.160	-0.002	94	54342	20.0	16.9	
37 Isopropyl ether	45	3.364	3.366	-0.002	97	192794	20.0	20.2	
38 1,1-Dichloroethane	63	3.398	3.400	-0.002	99	100196	20.0	20.7	
39 Vinyl acetate	43	3.409	3.411	-0.002	100	241501	40.0	41.6	
40 2-Chloro-1,3-butadiene	88	3.432	3.434	-0.002	93	41566	20.0	21.1	
41 Tert-butyl ethyl ether	59	3.672	3.674	-0.002	88	154706	20.0	21.7	
42 2,2-Dichloropropane	79	3.866	3.868	-0.002	55	20852	20.0	18.6	a
* 43 2-Butanone-d5	46	3.866	3.868	-0.002	95	325986	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.889	3.902	-0.013	94	57887	20.0	24.4	
46 2-Butanone (MEK)	72	3.923	3.925	-0.002	95	27133	100.0	114.4	
45 Ethyl acetate	70	3.923	3.925	-0.002	95	10508	40.0	46.2	
47 Methyl acrylate	55	3.969	3.971	-0.002	99	45740	20.0	21.5	
48 Propionitrile	54	4.049	4.051	-0.002	97	77151	200.0	230.7	
50 Chlorobromomethane	128	4.117	4.119	-0.002	97	28363	20.0	24.8	
49 Tetrahydrofuran	72	4.117	4.119	-0.002	94	10985	40.0	44.0	
51 Methacrylonitrile	67	4.140	4.142	-0.002	97	223094	200.0	234.6	
52 Chloroform	83	4.163	4.165	-0.002	97	92934	20.0	22.3	
53 Cyclohexane	84	4.277	4.291	-0.014	97	62236	20.0	20.2	
54 1,1,1-Trichloroethane	97	4.300	4.302	-0.002	97	72765	20.0	22.3	
\$ 55 Dibromofluoromethane (Surr)	113	4.323	4.325	-0.002	96	95190	50.0	43.2	
56 Carbon tetrachloride	117	4.414	4.416	-0.002	97	63649	20.0	22.5	
57 1,1-Dichloropropene	75	4.448	4.450	-0.002	94	67602	20.0	20.8	
58 Isobutyl alcohol	43	4.597	4.599	-0.002	96	76941	500.0	583.7	
59 Isooctane	57	4.608	4.610	-0.002	89	102688	20.0	17.8	
60 Benzene	78	4.642	4.644	-0.002	98	208093	20.0	21.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.665	4.667	-0.002	0	114211	50.0	39.6	
63 Tert-amyl methyl ether	55	4.711	4.713	-0.002	72	44964	20.0	22.0	
62 Isopropyl acetate	43	4.711	4.713	-0.002	92	175633	20.0	22.3	
64 1,2-Dichloroethane	62	4.734	4.736	-0.002	97	77507	20.0	21.8	
65 n-Heptane	57	4.791	4.804	-0.013	97	21282	20.0	17.4	
* 66 Fluorobenzene	96	4.928	4.930	-0.002	98	494526	50.0	50.0	
67 n-Butanol	56	5.259	5.261	-0.002	97	27864	500.0	815.3	
68 Trichloroethene	95	5.270	5.272	-0.002	97	53027	20.0	22.8	
69 Methylcyclohexane	83	5.385	5.398	-0.014	94	62034	20.0	19.5	
70 Ethyl acrylate	55	5.396	5.409	-0.013	98	121495	20.0	20.4	
71 1,2-Dichloropropane	63	5.556	5.558	-0.002	89	59694	20.0	21.2	
* 72 1,4-Dioxane-d8	96	5.636	5.638	-0.002	0	29007	1000.0	1000.0	
73 Methyl methacrylate	100	5.647	5.649	-0.002	95	22960	40.0	49.0	
75 1,4-Dioxane	88	5.681	5.683	-0.002	88	11990	400.0	1039.9	
74 Dibromomethane	93	5.693	5.695	-0.002	97	36384	20.0	23.1	
76 n-Propyl acetate	43	5.704	5.706	-0.002	98	80663	20.0	20.7	
77 Dichlorobromomethane	83	5.841	5.843	-0.002	98	69782	20.0	21.3	
78 2-Nitropropane	41	6.172	6.186	-0.014	97	28195	40.0	37.4	
80 Epichlorohydrin	57	6.286	6.288	-0.002	99	43057	400.0	211.1	
81 cis-1,3-Dichloropropene	75	6.344	6.346	-0.002	96	84013	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.503	6.517	-0.014	98	272496	100.0	109.6	
\$ 83 Toluene-d8 (Surr)	98	6.572	6.585	-0.013	98	339881	50.0	40.5	
84 Toluene	91	6.652	6.654	-0.002	94	201767	20.0	21.0	
85 trans-1,3-Dichloropropene	75	7.006	7.019	-0.013	99	74096	20.0	19.7	
86 Ethyl methacrylate	69	7.051	7.053	-0.002	96	53349	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.223	7.225	-0.002	94	42923	20.0	21.7	
88 Tetrachloroethene	166	7.257	7.270	-0.013	97	59966	20.0	27.7	
89 1,3-Dichloropropane	76	7.428	7.442	-0.014	98	78606	20.0	20.5	
90 2-Hexanone	58	7.508	7.510	-0.002	99	87324	100.0	108.8	
91 n-Butyl acetate	43	7.622	7.624	-0.002	97	80425	20.0	19.1	
92 Chlorodibromomethane	129	7.668	7.670	-0.002	99	54894	20.0	23.4	
93 Ethylene Dibromide	107	7.816	7.818	-0.002	97	49981	20.0	22.7	
* 94 Chlorobenzene-d5	117	8.364	8.366	-0.002	88	385194	50.0	50.0	
95 Chlorobenzene	112	8.399	8.401	-0.002	95	139039	20.0	22.3	
96 Ethylbenzene	106	8.501	8.515	-0.014	99	66507	20.0	20.9	
97 1,1,1,2-Tetrachloroethane	131	8.524	8.526	-0.002	95	49532	20.0	22.5	
98 m-Xylene & p-Xylene	106	8.661	8.675	-0.014	0	79502	20.0	20.8	
99 o-Xylene	106	9.186	9.188	-0.002	93	83179	20.0	21.4	
100 n-Butyl acrylate	73	9.186	9.188	-0.002	68	33938	20.0	20.0	
101 Styrene	104	9.221	9.223	-0.002	95	142879	20.0	22.5	
102 Amyl acetate (mixed isomers)	43	9.449	9.451	-0.002	87	89555	20.0	17.3	
103 Bromoform	173	9.449	9.462	-0.013	64	39064	20.0	25.7	
104 Isopropylbenzene	105	9.586	9.588	-0.002	97	193642	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	9.791	9.793	-0.002	96	116486	50.0	44.4	
106 Bromobenzene	156	9.906	9.919	-0.013	96	62167	20.0	22.6	
107 1,1,2,2-Tetrachloroethane	83	9.963	9.965	-0.002	98	68503	20.0	21.1	
108 N-Propylbenzene	91	9.985	9.988	-0.003	99	245092	20.0	19.5	
109 1,2,3-Trichloropropane	110	10.008	10.010	-0.002	97	16623	20.0	22.7	
110 trans-1,4-Dichloro-2-butene	53	10.020	10.033	-0.013	86	18637	20.0	17.8	
111 2-Chlorotoluene	91	10.077	10.079	-0.002	98	179360	20.0	20.2	
112 4-Ethyltoluene	105	10.088	10.090	-0.002	97	209731	20.0	20.6	
113 1,3,5-Trimethylbenzene	105	10.145	10.147	-0.002	93	174731	20.0	20.6	
114 4-Chlorotoluene	91	10.180	10.182	-0.002	97	165669	20.0	19.9	
115 Butyl Methacrylate	87	10.248	10.250	-0.002	97	58077	20.0	16.2	
116 tert-Butylbenzene	119	10.396	10.399	-0.003	94	139618	20.0	20.8	
117 1,2,4-Trimethylbenzene	105	10.454	10.456	-0.002	98	182761	20.0	20.7	
118 sec-Butylbenzene	105	10.568	10.570	-0.002	99	194604	20.0	19.5	
120 1,3-Dichlorobenzene	146	10.670	10.684	-0.014	95	113331	20.0	22.5	
119 4-Isopropyltoluene	119	10.682	10.684	-0.002	98	170485	20.0	20.0	
* 121 1,4-Dichlorobenzene-d4	152	10.728	10.730	-0.002	96	223435	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.750	10.752	-0.002	96	116922	20.0	22.3	
123 1,2,3-Trimethylbenzene	105	10.762	10.764	-0.002	99	196387	20.0	20.6	
124 Benzyl chloride	91	10.853	10.855	-0.002	98	90470	20.0	16.8	
125 2,3-Dihydroindene	117	10.899	10.901	-0.002	95	195498	20.0	21.4	
126 p-Diethylbenzene	119	10.944	10.947	-0.003	93	91603	20.0	20.9	
127 n-Butylbenzene	92	10.956	10.958	-0.002	98	88277	20.0	19.7	
128 1,2-Dichlorobenzene	146	11.002	11.004	-0.002	96	111273	20.0	22.4	
129 1,2,4,5-Tetramethylbenzene	119	11.435	11.437	-0.002	98	174157	20.0	20.4	
130 1,2-Dibromo-3-Chloropropane	157	11.504	11.517	-0.013	94	13912	20.0	23.7	
131 1,3,5-Trichlorobenzene	180	11.584	11.597	-0.013	97	82278	20.0	22.5	
132 1,2,4-Trichlorobenzene	180	11.972	11.974	-0.002	94	76396	20.0	23.8	
133 Hexachlorobutadiene	225	12.029	12.043	-0.014	94	25089	20.0	22.9	
134 Naphthalene	128	12.132	12.145	-0.013	99	191677	20.0	22.9	
135 1,2,3-Trichlorobenzene	180	12.280	12.294	-0.014	95	71622	20.0	23.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	46.0	
S 137 Xylenes, Total	100				0		40.0	42.2	
S 138 Total BTEX	1				0		100.0	105.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158	Amount Added: 20.00	Units: uL	
524freon_00056	Amount Added: 20.00	Units: uL	
GASES Li_00492	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79833.D

Injection Date: 09-Sep-2022 05:29:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264728-B-10 MSD

Worklist Smp#: 27

Client ID: FSMW6B-083122

Purge Vol: 5.000 mL

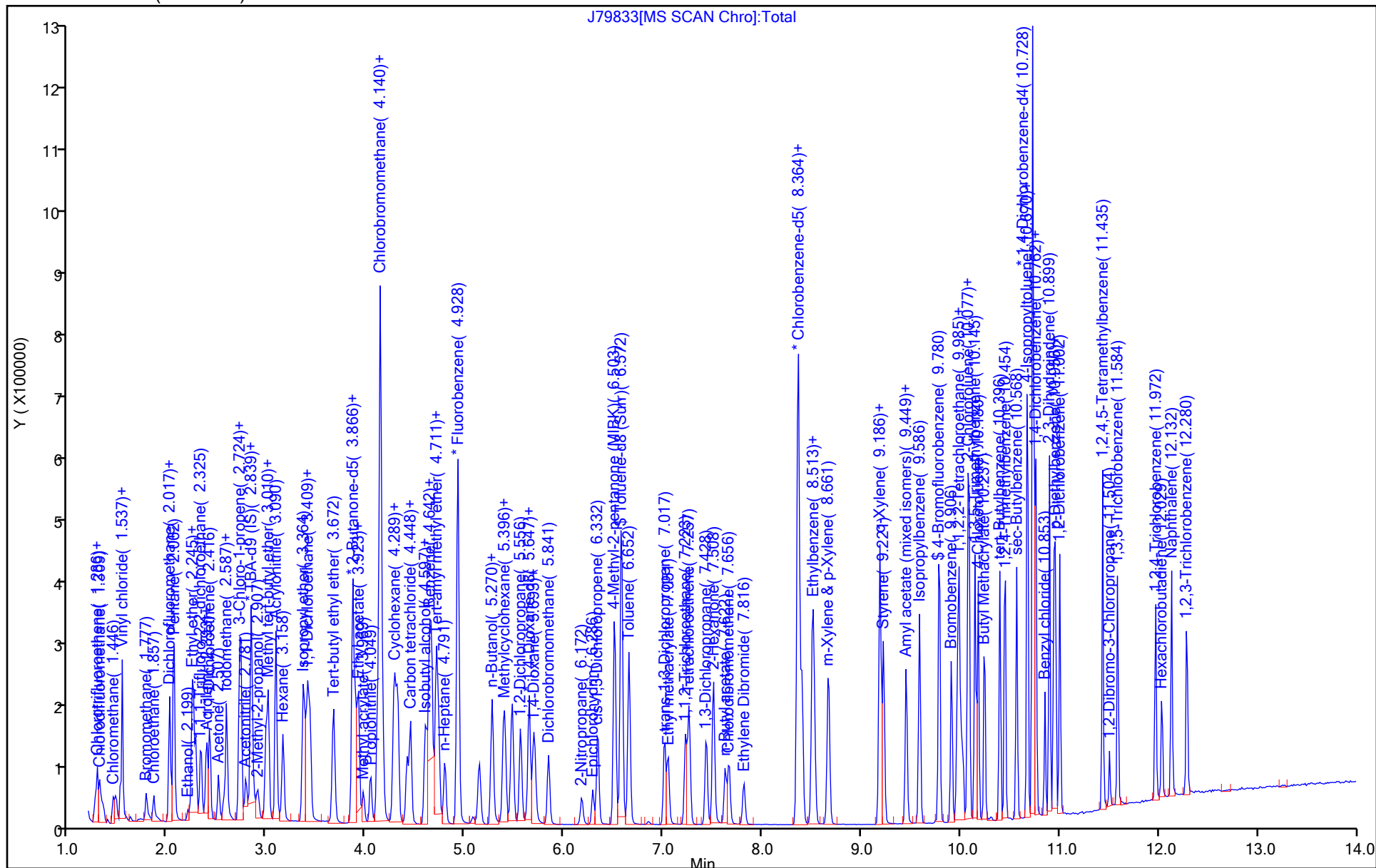
Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\J79833.D
 Lims ID: 460-264728-B-10 MSD
 Client ID: FSMW6B-083122
 Sample Type: MSD
 Inject. Date: 09-Sep-2022 05:29:30 ALS Bottle#: 26 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264728-B-10 MSD
 Misc. Info.: 460-0150151-027
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220908-150151.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 20:49:38 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1667

First Level Reviewer: KG2Q

Date: 09-Sep-2022 05:59:40

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	43.2	86.34
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	39.6	79.27
\$ 83 Toluene-d8 (Surr)	50.0	40.5	80.91
\$ 105 4-Bromofluorobenzene	50.0	44.4	88.75

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Instrument ID: CVOAMS8 Start Date: 08/31/2022 12:09Analysis Batch Number: 864088 End Date: 08/31/2022 18:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-864088/1		08/31/2022 12:09	1	J79476.D	Rtx-624 0.25 (mm)
STD7 460-864088/3 IC		08/31/2022 12:56	1	J79478.D	Rtx-624 0.25 (mm)
STD1 460-864088/4 IC		08/31/2022 13:22	1	J79479.D	Rtx-624 0.25 (mm)
STD5 460-864088/5 IC		08/31/2022 13:47	1	J79480.D	Rtx-624 0.25 (mm)
STD20 460-864088/6 ICIS		08/31/2022 14:12	1	J79481.D	Rtx-624 0.25 (mm)
STD50 460-864088/7 IC		08/31/2022 14:37	1	J79482.D	Rtx-624 0.25 (mm)
STD200 460-864088/8 IC		08/31/2022 15:02	1	J79483.D	Rtx-624 0.25 (mm)
STD500 460-864088/9 IC		08/31/2022 15:27	1	J79484.D	Rtx-624 0.25 (mm)
ICV 460-864088/17		08/31/2022 18:48	1	J79492.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Instrument ID: CVOAMS8 Start Date: 09/08/2022 19:24Analysis Batch Number: 865303 End Date: 09/09/2022 05:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-865303/3		09/08/2022 19:24	1	J79809.D	Rtx-624 0.25 (mm)
LCS 460-865303/4		09/08/2022 19:51	1	J79810.D	Rtx-624 0.25 (mm)
ZZZZZ		09/08/2022 20:16	1		Rtx-624 0.25 (mm)
MB 460-865303/9		09/08/2022 21:56	1	J79815.D	Rtx-624 0.25 (mm)
460-264728-12	TRIP BLANK	09/08/2022 22:21	1	J79816.D	Rtx-624 0.25 (mm)
460-264728-8	EB01-083122	09/08/2022 22:46	1	J79817.D	Rtx-624 0.25 (mm)
460-264728-1	FSMW14C-083022	09/08/2022 23:11	1	J79818.D	Rtx-624 0.25 (mm)
460-264728-2	FSMW14A-083022	09/08/2022 23:36	1	J79819.D	Rtx-624 0.25 (mm)
460-264728-3	FSMW13C-083022	09/09/2022 00:02	1	J79820.D	Rtx-624 0.25 (mm)
460-264728-4	FSMW14B-083022	09/09/2022 00:27	1	J79821.D	Rtx-624 0.25 (mm)
460-264728-5	FSMW13B-083022	09/09/2022 00:52	1	J79822.D	Rtx-624 0.25 (mm)
460-264728-6	FSMW13A-083122	09/09/2022 01:17	1	J79823.D	Rtx-624 0.25 (mm)
460-264728-7	DUP01-083122	09/09/2022 01:43	1	J79824.D	Rtx-624 0.25 (mm)
460-264728-9	FSMW8A-083122	09/09/2022 02:08	1	J79825.D	Rtx-624 0.25 (mm)
460-264728-10	FSMW6B-083122	09/09/2022 02:33	1	J79826.D	Rtx-624 0.25 (mm)
460-264728-11	FSMW9A-083122	09/09/2022 02:58	1	J79827.D	Rtx-624 0.25 (mm)
460-264728-13	FSMW4B-083122	09/09/2022 03:23	1	J79828.D	Rtx-624 0.25 (mm)
460-264728-14	FSMW2A-083122	09/09/2022 03:48	1	J79829.D	Rtx-624 0.25 (mm)
460-264728-5 MS	FSMW13B-083022 MS	09/09/2022 04:13	1	J79830.D	Rtx-624 0.25 (mm)
460-264728-5 MSD	FSMW13B-083022 MSD	09/09/2022 04:38	1	J79831.D	Rtx-624 0.25 (mm)
460-264728-10 MS	FSMW6B-083122 MS	09/09/2022 05:04	1	J79832.D	Rtx-624 0.25 (mm)
460-264728-10 MSD	FSMW6B-083122 MSD	09/09/2022 05:29	1	J79833.D	Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Batch Number: 864088 Batch Start Date: 08/31/22 12:09 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00145	524freon 00056	8260 SP 00157	8260ISNEW 00171
BFB 460-864088/1		8260D		5 mL	5 mL				
STD7 460-864088/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-864088/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-864088/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-864088/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-864088/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-864088/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-864088/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-864088/17		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00158	8260SURR250 00232	8FreonHi 00048	8FreonsSS 00048	ACROLEIN SP 00141	ACROLEIN W 00143
BFB 460-864088/1		8260D							
STD7 460-864088/3 IC		8260D			1 uL				
STD1 460-864088/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-864088/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-864088/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-864088/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-864088/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-864088/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-864088/17		8260D			1 uL		20 uL	4 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.

8260D

Page 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Batch Number: 864088 Batch Start Date: 08/31/22 12:09 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00103	BFB 00032	Ethanol mix 00068	GAS C SP 00477	GAS Hi 00423	GASES Li 00491
BFB 460-864088/1		8260D			1 uL				
STD7 460-864088/3 IC		8260D		20 uL					2.5 uL
STD1 460-864088/4 IC		8260D							10 uL
STD5 460-864088/5 IC		8260D							10 uL
STD20 460-864088/6 ICIS		8260D							20 uL
STD50 460-864088/7 IC		8260D							50 uL
STD200 460-864088/8 IC		8260D				20 uL		20 uL	
STD500 460-864088/9 IC		8260D				50 uL		50 uL	
ICV 460-864088/17		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00127	MIX I Hi 00154				
BFB 460-864088/1		8260D							
STD7 460-864088/3 IC		8260D							
STD1 460-864088/4 IC		8260D							
STD5 460-864088/5 IC		8260D							
STD20 460-864088/6 ICIS		8260D							
STD50 460-864088/7 IC		8260D							
STD200 460-864088/8 IC		8260D		20 uL	20 uL				
STD500 460-864088/9 IC		8260D		50 uL	50 uL				
ICV 460-864088/17		8260D							

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.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Batch Number: 864088 Batch Start Date: 08/31/22 12:09 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description

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.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Batch Number: 865303 Batch Start Date: 09/08/22 19:24 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00056	8260ISNEW 00171	8260MIX1COMB 00158
CCVIS 460-865303/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-865303/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-865303/9		8260D		5 mL	5 mL			1 uL	
460-264728-B-12	TRIP BLANK	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-8	EB01-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-1	FSMW14C-083022	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-2	FSMW14A-083022	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-3	FSMW13C-083022	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-4	FSMW14B-083022	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-5	FSMW13B-083022	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-6	FSMW13A-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-7	DUP01-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-9	FSMW8A-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-10	FSMW6B-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-11	FSMW9A-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-13	FSMW4B-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-14	FSMW2A-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264728-B-5 MS	FSMW13B-083022	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-264728-B-5 MSD	FSMW13B-083022	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-264728-B-10 MS	FSMW6B-083122	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-264728-B-10 MSD	FSMW6B-083122	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURRE250 00232	ACROLEIN W 00143	GASES Li 00492			
CCVIS 460-865303/3		8260D		1 uL	4 uL	20 uL			
LCS 460-865303/4		8260D		1 uL	4 uL	20 uL			
MB 460-865303/9		8260D		1 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264728-1

SDG No.: _____

Batch Number: 865303 Batch Start Date: 09/08/22 19:24 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURRE250 00232	ACROLEIN W 00143	GASES Li 00492			
460-264728-B-12	TRIP BLANK	8260D	T	1 uL					
460-264728-B-8	EB01-083122	8260D	T	1 uL					
460-264728-B-1	FSMW14C-083022	8260D	T	1 uL					
460-264728-B-2	FSMW14A-083022	8260D	T	1 uL					
460-264728-B-3	FSMW13C-083022	8260D	T	1 uL					
460-264728-B-4	FSMW14B-083022	8260D	T	1 uL					
460-264728-B-5	FSMW13B-083022	8260D	T	1 uL					
460-264728-B-6	FSMW13A-083122	8260D	T	1 uL					
460-264728-B-7	DUP01-083122	8260D	T	1 uL					
460-264728-B-9	FSMW8A-083122	8260D	T	1 uL					
460-264728-B-10	FSMW6B-083122	8260D	T	1 uL					
460-264728-B-11	FSMW9A-083122	8260D	T	1 uL					
460-264728-B-13	FSMW4B-083122	8260D	T	1 uL					
460-264728-B-14	FSMW2A-083122	8260D	T	1 uL					
460-264728-B-5 MS	FSMW13B-083022	8260D	T	1 uL	4 uL	20 uL			
460-264728-B-5 MSD	FSMW13B-083022	8260D	T	1 uL	4 uL	20 uL			
460-264728-B-10 MS	FSMW6B-083122	8260D	T	1 uL	4 uL	20 uL			
460-264728-B-10 MSD	FSMW6B-083122	8260D	T	1 uL	4 uL	20 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

629017

Environment Testing
America

Address: _____

ASTARK@ensaf.com

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact		Project Manager: Alex Stark		Site Contact: Nick Stark		Date:	
Company Name: ENSAFE		Tel/Email: 860-920-5172		Lab Contact:		COC No: 1 of 2 COCs	
Address: 1233 Sigsbee Hwy		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Sampler: MBS / MB	
City/State/Zip: Westfield CT		☐ CALENDAR DAYS ☐ WORKING DAYS		Filtered Sample (Y / N)		For Lab Use Only:	
Phone: 860-920-5172		TAT if different from Below		Matrix		Walk-in Client:	
Fax: _____		☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		# of Cont.		Lab Sampling:	
Project Name: SANDERS / GRASS ST.		Sample Date		Sample Type (C=Comp, G=Grab)		Job / SDG No.: 264728	
Site: _____		Sample Time		Sample		Sample Specific Notes:	
P O # _____							
FSMW14C-083022		8/30/22	1335	G	WG	3	1
FSMW14A-083022		8/30/22	1350	G	WG	3	2
FSMW13C-083022		8/30/22	1605	G	WG	3	3
FSMW14B-083022		8/30/22	1600	G	WG	3	4
FSMW13B-083022		8/30/22	1740	G	WG	9	5
FSMW13A-083122		8/31/22	0355	G	WG	3	6
DUPO1-083122		8/31/22	0857	G	WG	3	7
EBO1-083122		8/31/22	0910	G	-	3	8
FSMW8A-083122		8/31/22	1005	G	WG	3	9
FSMW6B-083122		8/31/22	1035	G	WG	9	10
FSMW9A-083122		8/31/22	1240	G	WG	3	11
TRIB Blank		8/24/22	-	-	-	2	12

460-264728 Chain of Custody

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Therm ID No.: _____

Relinquished by: Date/Time: 8/31/22 15:00

Relinquished by: Date/Time: 8/31/22 17:00

Relinquished by: Date/Time: 09/01/22 18:00

Address: _____

Astark@ensafe.com

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Company Name: <u>EN Safe</u> Address: <u>1233 Sivas Deon Hwy</u> City/State/Zip: <u>Wentworth, CT</u> Phone: <u>860-920-5172</u> Fax: <u>—</u> Project Name: <u>SANDERS / FROST ST</u> Site: <u>—</u> PO # <u>—</u>		Client Contact Project Manager: <u>ALEX STARK</u> Tel/Email: <u>860-920-5172</u>		Site Contact: <u>ALEX STARK</u> Lab Contact: <u>—</u>		Date: <u>—</u> Carrier: <u>—</u>		COC No: <u>—</u> <u>2</u> of <u>2</u> COCs											
Analysis Turnaround Time ☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Sample Identification <u>FSMW4B-083122</u> <u>FSMW2A-083122</u>		Sample Date <u>8/31/22</u> <u>8/31/22</u>		Sample Time <u>1306</u> <u>1425</u>		Sample Type (C=Comp, G=Grab) <u>G</u> <u>G</u>		Matrix <u>UG</u> <u>UG</u>		# of Cont. <u>3</u> <u>3</u>							
Filtered Sample (Y / N) <u>—</u>		Perform MS / MSD (Y / N) <u>—</u>		For Lab Use Only: Walk-in Client: <u>—</u> Lab Sampling: <u>—</u> Job / SDG No.: <u>264728</u>		Sampler: <u>—</u>		Sample Specific Notes: <u>13</u> <u>14</u>											
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other <u>—</u>										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <u>2</u>									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown										☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months									
Special Instructions/QC Requirements & Comments:																			
Custody Seals Intact: ☐ Yes ☐ No					Cooler Temp. (°C): Obs'd: _____ Cor'd: _____					Therm ID No.: _____									
Relinquished by: <u>[Signature]</u>					Received by: <u>[Signature]</u>					Date/Time: <u>8/31/22 1500</u>									
Relinquished by: <u>[Signature]</u>					Received by: <u>[Signature]</u>					Date/Time: <u>8/31/22 1700</u>									
Relinquished by: <u>[Signature]</u>					Received in Laboratory by: <u>[Signature]</u>					Date/Time: <u>8/31/22 1500</u>									

Cooler Temperatures

3

2322

Login Sample Receipt Checklist

Client: EnSafe, Inc.

Job Number: 460-264728-1

Login Number: 264728

List Number: 1

Creator: Casallas, Angela C

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	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	

ANALYTICAL REPORT

Job Number: 460-264899-1

Job Description: Frost St, Westbury, NY

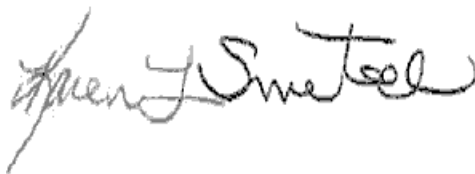
For:

EnSafe, Inc.

5724 Summer Trees Drive

Memphis, TN 38134

Attention: Tina Clemmey



Approved for release.
Karen L. Smetanka
Project Manager I
9/14/2022 8:31 AM

Karen L Smetanka, Project Manager I
777 New Durham Road, Edison, NJ, 08817
karen.Smetanka@et.eurofinsus.com
09/14/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

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 Environment Testing Northeast, LLC 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 Edison

777 New Durham Road, Edison, NJ 08817

Tel (732) 549-3900 Fax (732) 549-3679 www.EurofinsUS.com



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CASE NARRATIVE

Client: EnSafe, Inc.

Project: Frost St, Westbury, NY

Report Number: 460-264899-1

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 9/1/2022 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6° C.

Receipt Exceptions

Per laboratory policy the Trip Blank sample date/time was changed to reflect the latest sample date/time of the sampling event. TRIP BLANK (460-264899-7)

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 FSMW4A-083122 (460-264899-1), DUP02-083122 (460-264899-2), FSMW1A-083122 (460-264899-3), LFR1-090122 (460-264899-4), EB02-090122 (460-264899-5), FSMW3A-090122 (460-264899-6) and TRIP BLANK (460-264899-7) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 09/09/2022 and 09/10/2022.

Toluene-d8 (Surr) failed the surrogate recovery criteria low for FSMW4A-083122 (460-264899-1). Refer to the QC report for details.

The continuing calibration verification (CCV) associated with batch 460-865501 and batch 460-865576 recovered above the upper control limit for Bromochloromethane. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-264899-1	FSMW4A-083122	Water	08/31/22 14:59	09/01/22 19:00
460-264899-2	DUP02-083122	Water	08/31/22 15:02	09/01/22 19:00
460-264899-3	FSMW1A-083122	Water	08/31/22 16:25	09/01/22 19:00
460-264899-4	LFR1-090122	Water	09/01/22 08:45	09/01/22 19:00
460-264899-5	EB02-090122	Water	09/01/22 09:05	09/01/22 19:00
460-264899-6	FSMW3A-090122	Water	09/01/22 09:16	09/01/22 19:00
460-264899-7	TRIP BLANK	Water	09/01/22 09:16	09/01/22 19:00

Detection Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: FSMW4A-083122

Lab Sample ID: 460-264899-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	23		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.66	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: DUP02-083122

Lab Sample ID: 460-264899-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	24		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.40	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FSMW1A-083122

Lab Sample ID: 460-264899-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	23		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	3.7		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: LFR1-090122

Lab Sample ID: 460-264899-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.6		5.0	4.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	130		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.29	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	16		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: EB02-090122

Lab Sample ID: 460-264899-5

No Detections.

Client Sample ID: FSMW3A-090122

Lab Sample ID: 460-264899-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.3		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	47		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	9.6		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-264899-7

No Detections.

Method Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

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

Protocol References:

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

Laboratory References:

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

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: FSMW4A-083122

Lab Sample ID: 460-264899-1

Date Collected: 08/31/22 14:59

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 03:23	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/10/22 03:23	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/10/22 03:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/10/22 03:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/10/22 03:23	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/10/22 03:23	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/10/22 03:23	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/10/22 03:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/10/22 03:23	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/10/22 03:23	1
Acetone	4.4	U	5.0	4.4	ug/L			09/10/22 03:23	1
Benzene	0.20	U	1.0	0.20	ug/L			09/10/22 03:23	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/10/22 03:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/10/22 03:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/10/22 03:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/10/22 03:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/10/22 03:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/10/22 03:23	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/10/22 03:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/10/22 03:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/10/22 03:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/10/22 03:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/10/22 03:23	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 03:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/10/22 03:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/10/22 03:23	1
Styrene	0.42	U	1.0	0.42	ug/L			09/10/22 03:23	1
Tetrachloroethene	23		1.0	0.25	ug/L			09/10/22 03:23	1
Toluene	0.38	U	1.0	0.38	ug/L			09/10/22 03:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/10/22 03:23	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 03:23	1
Trichloroethene	0.66 J		1.0	0.31	ug/L			09/10/22 03:23	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/10/22 03:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/10/22 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		70 - 128		09/10/22 03:23	1
Toluene-d8 (Surr)	77	S1-	80 - 120		09/10/22 03:23	1
4-Bromofluorobenzene	84		76 - 120		09/10/22 03:23	1
Dibromofluoromethane (Surr)	95		77 - 124		09/10/22 03:23	1

Client Sample ID: DUP02-083122

Lab Sample ID: 460-264899-2

Date Collected: 08/31/22 15:02

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 03:48	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/10/22 03:48	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/10/22 03:48	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: DUP02-083122

Lab Sample ID: 460-264899-2

Date Collected: 08/31/22 15:02

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 03:48	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/10/22 03:48	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/10/22 03:48	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/10/22 03:48	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/10/22 03:48	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/10/22 03:48	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/10/22 03:48	1
Acetone	4.4	U	5.0	4.4	ug/L			09/10/22 03:48	1
Benzene	0.20	U	1.0	0.20	ug/L			09/10/22 03:48	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/10/22 03:48	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/10/22 03:48	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/10/22 03:48	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/10/22 03:48	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/10/22 03:48	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/10/22 03:48	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/10/22 03:48	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/10/22 03:48	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/10/22 03:48	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/10/22 03:48	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/10/22 03:48	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 03:48	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/10/22 03:48	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/10/22 03:48	1
Styrene	0.42	U	1.0	0.42	ug/L			09/10/22 03:48	1
Tetrachloroethene	24		1.0	0.25	ug/L			09/10/22 03:48	1
Toluene	0.38	U	1.0	0.38	ug/L			09/10/22 03:48	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/10/22 03:48	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 03:48	1
Trichloroethene	0.40 J		1.0	0.31	ug/L			09/10/22 03:48	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/10/22 03:48	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/10/22 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 128		09/10/22 03:48	1
Toluene-d8 (Surr)	93		80 - 120		09/10/22 03:48	1
4-Bromofluorobenzene	101		76 - 120		09/10/22 03:48	1
Dibromofluoromethane (Surr)	111		77 - 124		09/10/22 03:48	1

Client Sample ID: FSMW1A-083122

Lab Sample ID: 460-264899-3

Date Collected: 08/31/22 16:25

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 04:13	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/10/22 04:13	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/10/22 04:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/10/22 04:13	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/10/22 04:13	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/10/22 04:13	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: FSMW1A-083122

Lab Sample ID: 460-264899-3

Date Collected: 08/31/22 16:25

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 04:13	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/10/22 04:13	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/10/22 04:13	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/10/22 04:13	1
Acetone	4.4	U	5.0	4.4	ug/L			09/10/22 04:13	1
Benzene	0.20	U	1.0	0.20	ug/L			09/10/22 04:13	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/10/22 04:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/10/22 04:13	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/10/22 04:13	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/10/22 04:13	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/10/22 04:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/10/22 04:13	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/10/22 04:13	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/10/22 04:13	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/10/22 04:13	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/10/22 04:13	1
cis-1,2-Dichloroethene	2.7		1.0	0.22	ug/L			09/10/22 04:13	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 04:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/10/22 04:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/10/22 04:13	1
Styrene	0.42	U	1.0	0.42	ug/L			09/10/22 04:13	1
Tetrachloroethene	23		1.0	0.25	ug/L			09/10/22 04:13	1
Toluene	0.38	U	1.0	0.38	ug/L			09/10/22 04:13	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/10/22 04:13	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 04:13	1
Trichloroethene	3.7		1.0	0.31	ug/L			09/10/22 04:13	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/10/22 04:13	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/10/22 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		09/10/22 04:13	1
Toluene-d8 (Surr)	95		80 - 120		09/10/22 04:13	1
4-Bromofluorobenzene	101		76 - 120		09/10/22 04:13	1
Dibromofluoromethane (Surr)	111		77 - 124		09/10/22 04:13	1

Client Sample ID: LFR1-090122

Lab Sample ID: 460-264899-4

Date Collected: 09/01/22 08:45

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 13:03	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/10/22 13:03	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/10/22 13:03	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/10/22 13:03	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/10/22 13:03	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/10/22 13:03	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/10/22 13:03	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/10/22 13:03	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/10/22 13:03	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: LFR1-090122

Lab Sample ID: 460-264899-4

Date Collected: 09/01/22 08:45

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 13:03	1
Acetone	6.6		5.0	4.4	ug/L			09/10/22 13:03	1
Benzene	0.20	U	1.0	0.20	ug/L			09/10/22 13:03	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/10/22 13:03	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/10/22 13:03	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/10/22 13:03	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/10/22 13:03	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/10/22 13:03	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/10/22 13:03	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/10/22 13:03	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/10/22 13:03	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/10/22 13:03	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/10/22 13:03	1
cis-1,2-Dichloroethene	14		1.0	0.22	ug/L			09/10/22 13:03	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 13:03	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/10/22 13:03	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/10/22 13:03	1
Styrene	0.42	U	1.0	0.42	ug/L			09/10/22 13:03	1
Tetrachloroethene	130		1.0	0.25	ug/L			09/10/22 13:03	1
Toluene	0.38	U	1.0	0.38	ug/L			09/10/22 13:03	1
trans-1,2-Dichloroethene	0.29 J		1.0	0.24	ug/L			09/10/22 13:03	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 13:03	1
Trichloroethene	16		1.0	0.31	ug/L			09/10/22 13:03	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/10/22 13:03	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/10/22 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 128		09/10/22 13:03	1
Toluene-d8 (Surr)	95		80 - 120		09/10/22 13:03	1
4-Bromofluorobenzene	102		76 - 120		09/10/22 13:03	1
Dibromofluoromethane (Surr)	107		77 - 124		09/10/22 13:03	1

Client Sample ID: EB02-090122

Lab Sample ID: 460-264899-5

Date Collected: 09/01/22 09:05

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/09/22 23:12	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 23:12	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 23:12	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 23:12	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 23:12	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 23:12	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 23:12	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 23:12	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 23:12	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 23:12	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 23:12	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 23:12	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: EB02-090122

Lab Sample ID: 460-264899-5

Date Collected: 09/01/22 09:05

Matrix: Water

Date Received: 09/01/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 23:12	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 23:12	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 23:12	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 23:12	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 23:12	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 23:12	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 23:12	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 23:12	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 23:12	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 23:12	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/09/22 23:12	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 23:12	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 23:12	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 23:12	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 23:12	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/09/22 23:12	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 23:12	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 23:12	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 23:12	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/09/22 23:12	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 23:12	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 128		09/09/22 23:12	1
Toluene-d8 (Surr)	96		80 - 120		09/09/22 23:12	1
4-Bromofluorobenzene	104		76 - 120		09/09/22 23:12	1
Dibromofluoromethane (Surr)	108		77 - 124		09/09/22 23:12	1

Client Sample ID: FSMW3A-090122

Lab Sample ID: 460-264899-6

Date Collected: 09/01/22 09:16

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 13:28	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/10/22 13:28	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/10/22 13:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/10/22 13:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/10/22 13:28	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/10/22 13:28	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/10/22 13:28	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/10/22 13:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/10/22 13:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/10/22 13:28	1
Acetone	4.4	U	5.0	4.4	ug/L			09/10/22 13:28	1
Benzene	0.20	U	1.0	0.20	ug/L			09/10/22 13:28	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/10/22 13:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/10/22 13:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/10/22 13:28	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: FSMW3A-090122

Lab Sample ID: 460-264899-6

Date Collected: 09/01/22 09:16

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/10/22 13:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/10/22 13:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/10/22 13:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/10/22 13:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/10/22 13:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/10/22 13:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/10/22 13:28	1
cis-1,2-Dichloroethene	9.3		1.0	0.22	ug/L			09/10/22 13:28	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 13:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/10/22 13:28	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/10/22 13:28	1
Styrene	0.42	U	1.0	0.42	ug/L			09/10/22 13:28	1
Tetrachloroethene	47		1.0	0.25	ug/L			09/10/22 13:28	1
Toluene	0.38	U	1.0	0.38	ug/L			09/10/22 13:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/10/22 13:28	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 13:28	1
Trichloroethene	9.6		1.0	0.31	ug/L			09/10/22 13:28	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/10/22 13:28	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/10/22 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		09/10/22 13:28	1
Toluene-d8 (Surr)	95		80 - 120		09/10/22 13:28	1
4-Bromofluorobenzene	105		76 - 120		09/10/22 13:28	1
Dibromofluoromethane (Surr)	107		77 - 124		09/10/22 13:28	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-264899-7

Date Collected: 09/01/22 09:16

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/09/22 22:47	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 22:47	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 22:47	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 22:47	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 22:47	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 22:47	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 22:47	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 22:47	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 22:47	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 22:47	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 22:47	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 22:47	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 22:47	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 22:47	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 22:47	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 22:47	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 22:47	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 22:47	1

Eurofins Edison

Client Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-264899-7

Date Collected: 09/01/22 09:16

Matrix: Water

Date Received: 09/01/22 19:00

Method: 8260D - 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			09/09/22 22:47	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 22:47	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 22:47	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 22:47	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/09/22 22:47	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 22:47	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 22:47	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 22:47	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 22:47	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/09/22 22:47	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 22:47	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 22:47	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 22:47	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/09/22 22:47	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 22:47	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 128		09/09/22 22:47	1
Toluene-d8 (Surr)	96		80 - 120		09/09/22 22:47	1
4-Bromofluorobenzene	104		76 - 120		09/09/22 22:47	1
Dibromofluoromethane (Surr)	109		77 - 124		09/09/22 22:47	1

Surrogate Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA	TOL	BFB	DBFM
		(70-128)	(80-120)	(76-120)	(77-124)
460-264899-1	FSMW4A-083122	88	77 S1-	84	95
460-264899-2	DUP02-083122	103	93	101	111
460-264899-3	FSMW1A-083122	98	95	101	111
460-264899-4	LFR1-090122	102	95	102	107
460-264899-5	EB02-090122	99	96	104	108
460-264899-6	FSMW3A-090122	98	95	105	107
460-264899-7	TRIP BLANK	99	96	104	109
LCS 460-865501/3	Lab Control Sample	80	83	93	87
LCS 460-865576/3	Lab Control Sample	95	98	110	104
LCSD 460-865501/4	Lab Control Sample Dup	93	98	110	103
LCSD 460-865576/4	Lab Control Sample Dup	93	97	109	103
MB 460-865501/8	Method Blank	97	94	104	108
MB 460-865576/8	Method Blank	97	95	105	108

Surrogate Legend

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

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

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

Lab Sample ID: MB 460-865501/8

Matrix: Water

Analysis Batch: 865501

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			09/09/22 20:34	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/09/22 20:34	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/09/22 20:34	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/09/22 20:34	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/09/22 20:34	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/09/22 20:34	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/09/22 20:34	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/09/22 20:34	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/09/22 20:34	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/09/22 20:34	1
Acetone	4.4	U	5.0	4.4	ug/L			09/09/22 20:34	1
Benzene	0.20	U	1.0	0.20	ug/L			09/09/22 20:34	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/09/22 20:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/09/22 20:34	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/09/22 20:34	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/09/22 20:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/09/22 20:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/09/22 20:34	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/09/22 20:34	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/09/22 20:34	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/09/22 20:34	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/09/22 20:34	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/09/22 20:34	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 20:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/09/22 20:34	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/09/22 20:34	1
Styrene	0.42	U	1.0	0.42	ug/L			09/09/22 20:34	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/09/22 20:34	1
Toluene	0.38	U	1.0	0.38	ug/L			09/09/22 20:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/09/22 20:34	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/09/22 20:34	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/09/22 20:34	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/09/22 20:34	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/09/22 20:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 128		09/09/22 20:34	1
Toluene-d8 (Surr)	94		80 - 120		09/09/22 20:34	1
4-Bromofluorobenzene	104		76 - 120		09/09/22 20:34	1
Dibromofluoromethane (Surr)	108		77 - 124		09/09/22 20:34	1

Lab Sample ID: LCS 460-865501/3

Matrix: Water

Analysis Batch: 865501

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	68 - 128
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	63 - 139

Eurofins Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

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

Lab Sample ID: LCS 460-865501/3

Matrix: Water

Analysis Batch: 865501

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	20.3		ug/L		101	74 - 125
1,1-Dichloroethane	20.0	18.9		ug/L		95	73 - 130
1,1-Dichloroethene	20.0	20.4		ug/L		102	68 - 133
1,2-Dichloroethane	20.0	20.2		ug/L		101	66 - 129
1,2-Dichloropropane	20.0	19.5		ug/L		97	68 - 128
2-Butanone (MEK)	100	111		ug/L		111	61 - 128
2-Hexanone	100	107		ug/L		107	61 - 134
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	69 - 128
Acetone	100	99.1		ug/L		99	61 - 134
Benzene	20.0	20.3		ug/L		102	71 - 126
Bromodichloromethane	20.0	19.9		ug/L		99	76 - 121
Bromoform	20.0	22.9		ug/L		115	48 - 144
Bromomethane	20.0	19.6		ug/L		98	32 - 150
Carbon disulfide	20.0	19.4		ug/L		97	64 - 138
Carbon tetrachloride	20.0	20.9		ug/L		104	61 - 131
Chlorobenzene	20.0	20.8		ug/L		104	80 - 120
Chlorobromomethane	20.0	23.3		ug/L		116	67 - 126
Chloroethane	20.0	18.7		ug/L		94	42 - 150
Chloroform	20.0	20.9		ug/L		104	78 - 125
Chloromethane	20.0	16.7		ug/L		83	43 - 150
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	78 - 121
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	74 - 125
Ethylbenzene	20.0	19.8		ug/L		99	78 - 120
Methylene Chloride	20.0	19.4		ug/L		97	74 - 127
Styrene	20.0	20.8		ug/L		104	75 - 127
Tetrachloroethene	20.0	23.4		ug/L		117	70 - 127
Toluene	20.0	19.7		ug/L		98	78 - 120
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	74 - 126
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	66 - 127
Trichloroethene	20.0	20.6		ug/L		103	71 - 121
Vinyl chloride	20.0	16.5		ug/L		82	55 - 144
Xylenes, Total	40.0	40.0		ug/L		100	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 128
Toluene-d8 (Surr)	83		80 - 120
4-Bromofluorobenzene	93		76 - 120
Dibromofluoromethane (Surr)	87		77 - 124

Lab Sample ID: LCSD 460-865501/4

Matrix: Water

Analysis Batch: 865501

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	22.4		ug/L		112	68 - 128	8	30
1,1,2,2-Tetrachloroethane	20.0	18.4		ug/L		92	63 - 139	2	30
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125	0	30
1,1-Dichloroethane	20.0	19.7		ug/L		98	73 - 130	4	30

Eurofins Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

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

Lab Sample ID: LCSD 460-865501/4

Matrix: Water

Analysis Batch: 865501

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	21.3		ug/L		107	68 - 133	5	30
1,2-Dichloroethane	20.0	20.2		ug/L		101	66 - 129	0	30
1,2-Dichloropropane	20.0	19.8		ug/L		99	68 - 128	2	30
2-Butanone (MEK)	100	116		ug/L		116	61 - 128	5	30
2-Hexanone	100	105		ug/L		105	61 - 134	1	30
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	69 - 128	1	30
Acetone	100	97.6		ug/L		98	61 - 134	2	30
Benzene	20.0	21.4		ug/L		107	71 - 126	5	30
Bromodichloromethane	20.0	20.7		ug/L		103	76 - 121	4	30
Bromoform	20.0	23.4		ug/L		117	48 - 144	2	30
Bromomethane	20.0	20.6		ug/L		103	32 - 150	5	30
Carbon disulfide	20.0	20.3		ug/L		102	64 - 138	5	30
Carbon tetrachloride	20.0	22.3		ug/L		111	61 - 131	6	30
Chlorobenzene	20.0	21.9		ug/L		110	80 - 120	5	30
Chlorobromomethane	20.0	24.1		ug/L		120	67 - 126	3	30
Chloroethane	20.0	18.7		ug/L		94	42 - 150	0	30
Chloroform	20.0	21.8		ug/L		109	78 - 125	4	30
Chloromethane	20.0	17.7		ug/L		88	43 - 150	6	30
cis-1,2-Dichloroethene	20.0	22.9		ug/L		115	78 - 121	8	30
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	74 - 125	1	30
Ethylbenzene	20.0	20.7		ug/L		104	78 - 120	5	30
Methylene Chloride	20.0	20.4		ug/L		102	74 - 127	5	30
Styrene	20.0	22.2		ug/L		111	75 - 127	7	30
Tetrachloroethene	20.0	24.5		ug/L		122	70 - 127	4	30
Toluene	20.0	20.8		ug/L		104	78 - 120	6	30
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	74 - 126	7	30
trans-1,3-Dichloropropene	20.0	19.0		ug/L		95	66 - 127	2	30
Trichloroethene	20.0	21.7		ug/L		108	71 - 121	5	30
Vinyl chloride	20.0	18.0		ug/L		90	55 - 144	9	30
Xylenes, Total	40.0	42.7		ug/L		107	78 - 120	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 128
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene	110		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Lab Sample ID: MB 460-865576/8

Matrix: Water

Analysis Batch: 865576

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			09/10/22 10:58	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/10/22 10:58	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/10/22 10:58	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/10/22 10:58	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/10/22 10:58	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/10/22 10:58	1

Eurofins Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

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

Lab Sample ID: MB 460-865576/8

Matrix: Water

Analysis Batch: 865576

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			09/10/22 10:58	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			09/10/22 10:58	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/10/22 10:58	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/10/22 10:58	1
Acetone	4.4	U	5.0	4.4	ug/L			09/10/22 10:58	1
Benzene	0.20	U	1.0	0.20	ug/L			09/10/22 10:58	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/10/22 10:58	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/10/22 10:58	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/10/22 10:58	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/10/22 10:58	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/10/22 10:58	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/10/22 10:58	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			09/10/22 10:58	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/10/22 10:58	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/10/22 10:58	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/10/22 10:58	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/10/22 10:58	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 10:58	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/10/22 10:58	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/10/22 10:58	1
Styrene	0.42	U	1.0	0.42	ug/L			09/10/22 10:58	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/10/22 10:58	1
Toluene	0.38	U	1.0	0.38	ug/L			09/10/22 10:58	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/10/22 10:58	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/10/22 10:58	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/10/22 10:58	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/10/22 10:58	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/10/22 10:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 128		09/10/22 10:58	1
Toluene-d8 (Surr)	95		80 - 120		09/10/22 10:58	1
4-Bromofluorobenzene	105		76 - 120		09/10/22 10:58	1
Dibromofluoromethane (Surr)	108		77 - 124		09/10/22 10:58	1

Lab Sample ID: LCS 460-865576/3

Matrix: Water

Analysis Batch: 865576

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	21.2		ug/L		106	68 - 128
1,1,2,2-Tetrachloroethane	20.0	18.4		ug/L		92	63 - 139
1,1,2-Trichloroethane	20.0	20.0		ug/L		100	74 - 125
1,1-Dichloroethane	20.0	20.6		ug/L		103	73 - 130
1,1-Dichloroethene	20.0	20.2		ug/L		101	68 - 133
1,2-Dichloroethane	20.0	20.3		ug/L		101	66 - 129
1,2-Dichloropropane	20.0	19.8		ug/L		99	68 - 128
2-Butanone (MEK)	100	102		ug/L		102	61 - 128

Eurofins Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

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

Lab Sample ID: LCS 460-865576/3

Matrix: Water

Analysis Batch: 865576

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	101		ug/L		101	61 - 134
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	69 - 128
Acetone	100	94.6		ug/L		95	61 - 134
Benzene	20.0	20.5		ug/L		103	71 - 126
Bromodichloromethane	20.0	20.2		ug/L		101	76 - 121
Bromoform	20.0	22.5		ug/L		113	48 - 144
Bromomethane	20.0	20.2		ug/L		101	32 - 150
Carbon disulfide	20.0	20.2		ug/L		101	64 - 138
Carbon tetrachloride	20.0	21.6		ug/L		108	61 - 131
Chlorobenzene	20.0	21.2		ug/L		106	80 - 120
Chlorobromomethane	20.0	23.4		ug/L		117	67 - 126
Chloroethane	20.0	19.2		ug/L		96	42 - 150
Chloroform	20.0	20.8		ug/L		104	78 - 125
Chloromethane	20.0	16.7		ug/L		84	43 - 150
cis-1,2-Dichloroethene	20.0	22.0		ug/L		110	78 - 121
cis-1,3-Dichloropropene	20.0	18.9		ug/L		95	74 - 125
Ethylbenzene	20.0	19.6		ug/L		98	78 - 120
Methylene Chloride	20.0	20.3		ug/L		102	74 - 127
Styrene	20.0	21.1		ug/L		106	75 - 127
Tetrachloroethene	20.0	23.2		ug/L		116	70 - 127
Toluene	20.0	20.2		ug/L		101	78 - 120
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	74 - 126
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	66 - 127
Trichloroethene	20.0	20.8		ug/L		104	71 - 121
Vinyl chloride	20.0	17.1		ug/L		85	55 - 144
Xylenes, Total	40.0	40.0		ug/L		100	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 128
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene	110		76 - 120
Dibromofluoromethane (Surr)	104		77 - 124

Lab Sample ID: LCSD 460-865576/4

Matrix: Water

Analysis Batch: 865576

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	21.1		ug/L		105	68 - 128	0	30
1,1,2,2-Tetrachloroethane	20.0	17.9		ug/L		89	63 - 139	3	30
1,1,2-Trichloroethane	20.0	19.3		ug/L		97	74 - 125	3	30
1,1-Dichloroethane	20.0	18.7		ug/L		94	73 - 130	10	30
1,1-Dichloroethene	20.0	19.1		ug/L		95	68 - 133	6	30
1,2-Dichloroethane	20.0	19.9		ug/L		99	66 - 129	2	30
1,2-Dichloropropane	20.0	18.7		ug/L		93	68 - 128	6	30
2-Butanone (MEK)	100	105		ug/L		105	61 - 128	2	30
2-Hexanone	100	99.7		ug/L		100	61 - 134	1	30
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	69 - 128	0	30

Eurofins Edison

QC Sample Results

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

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

Lab Sample ID: LCSD 460-865576/4

Matrix: Water

Analysis Batch: 865576

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
Acetone	100	92.7		ug/L		93	61 - 134	2	30
Benzene	20.0	19.6		ug/L		98	71 - 126	5	30
Bromodichloromethane	20.0	19.6		ug/L		98	76 - 121	3	30
Bromoform	20.0	22.2		ug/L		111	48 - 144	1	30
Bromomethane	20.0	20.1		ug/L		101	32 - 150	1	30
Carbon disulfide	20.0	19.5		ug/L		98	64 - 138	3	30
Carbon tetrachloride	20.0	20.7		ug/L		104	61 - 131	4	30
Chlorobenzene	20.0	20.5		ug/L		102	80 - 120	4	30
Chlorobromomethane	20.0	23.2		ug/L		116	67 - 126	1	30
Chloroethane	20.0	18.2		ug/L		91	42 - 150	6	30
Chloroform	20.0	20.3		ug/L		102	78 - 125	2	30
Chloromethane	20.0	15.9		ug/L		80	43 - 150	5	30
cis-1,2-Dichloroethene	20.0	21.3		ug/L		107	78 - 121	3	30
cis-1,3-Dichloropropene	20.0	18.3		ug/L		92	74 - 125	3	30
Ethylbenzene	20.0	19.0		ug/L		95	78 - 120	3	30
Methylene Chloride	20.0	19.4		ug/L		97	74 - 127	5	30
Styrene	20.0	20.6		ug/L		103	75 - 127	2	30
Tetrachloroethene	20.0	22.2		ug/L		111	70 - 127	4	30
Toluene	20.0	19.2		ug/L		96	78 - 120	5	30
trans-1,2-Dichloroethene	20.0	19.9		ug/L		99	74 - 126	3	30
trans-1,3-Dichloropropene	20.0	18.1		ug/L		91	66 - 127	3	30
Trichloroethene	20.0	20.4		ug/L		102	71 - 121	2	30
Vinyl chloride	20.0	16.2		ug/L		81	55 - 144	5	30
Xylenes, Total	40.0	38.5		ug/L		96	78 - 120	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 128
Toluene-d8 (Surr)	97		80 - 120
4-Bromofluorobenzene	109		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Definitions/Glossary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

QC Association Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

GC/MS VOA

Analysis Batch: 865501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-264899-1	FSMW4A-083122	Total/NA	Water	8260D	
460-264899-2	DUP02-083122	Total/NA	Water	8260D	
460-264899-3	FSMW1A-083122	Total/NA	Water	8260D	
460-264899-5	EB02-090122	Total/NA	Water	8260D	
460-264899-7	TRIP BLANK	Total/NA	Water	8260D	
MB 460-865501/8	Method Blank	Total/NA	Water	8260D	
LCS 460-865501/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-865501/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 865576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-264899-4	LFR1-090122	Total/NA	Water	8260D	
460-264899-6	FSMW3A-090122	Total/NA	Water	8260D	
MB 460-865576/8	Method Blank	Total/NA	Water	8260D	
LCS 460-865576/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-865576/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Client Sample ID: FSMW4A-083122

Lab Sample ID: 460-264899-1

Date Collected: 08/31/22 14:59

Matrix: Water

Date Received: 09/01/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865501	MZS	EET EDI	09/10/22 03:23

Client Sample ID: DUP02-083122

Lab Sample ID: 460-264899-2

Date Collected: 08/31/22 15:02

Matrix: Water

Date Received: 09/01/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865501	MZS	EET EDI	09/10/22 03:48

Client Sample ID: FSMW1A-083122

Lab Sample ID: 460-264899-3

Date Collected: 08/31/22 16:25

Matrix: Water

Date Received: 09/01/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865501	MZS	EET EDI	09/10/22 04:13

Client Sample ID: LFR1-090122

Lab Sample ID: 460-264899-4

Date Collected: 09/01/22 08:45

Matrix: Water

Date Received: 09/01/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865576	MZS	EET EDI	09/10/22 13:03

Client Sample ID: EB02-090122

Lab Sample ID: 460-264899-5

Date Collected: 09/01/22 09:05

Matrix: Water

Date Received: 09/01/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865501	MZS	EET EDI	09/09/22 23:12

Client Sample ID: FSMW3A-090122

Lab Sample ID: 460-264899-6

Date Collected: 09/01/22 09:16

Matrix: Water

Date Received: 09/01/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865576	MZS	EET EDI	09/10/22 13:28

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-264899-7

Date Collected: 09/01/22 09:16

Matrix: Water

Date Received: 09/01/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	865501	MZS	EET EDI	09/09/22 22:47

Laboratory References:

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

Eurofins Edison

Accreditation/Certification Summary

Client: EnSafe, Inc.
Project/Site: Frost St, Westbury, NY

Job ID: 460-264899-1

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264899-1
 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 #
FSMW4A-083122	460-264899-1	95	88	77 S1-	84
DUP02-083122	460-264899-2	111	103	93	101
FSMW1A-083122	460-264899-3	111	98	95	101
LFR1-090122	460-264899-4	107	102	95	102
EB02-090122	460-264899-5	108	99	96	104
FSMW3A-090122	460-264899-6	107	98	95	105
TRIP BLANK	460-264899-7	109	99	96	104
	MB 460-865501/8	108	97	94	104
	MB 460-865576/8	108	97	95	105
	LCS 460-865501/3	87	80	83	93
	LCS 460-865576/3	104	95	98	110
	LCSD 460-865501/4	103	93	98	110
	LCSD 460-865576/4	103	93	97	109

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264899-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: J79865.D
 Lab ID: LCS 460-865501/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.8	104	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	63-139	
1,1,2-Trichloroethane	20.0	20.3	101	74-125	
1,1-Dichloroethane	20.0	18.9	95	73-130	
1,1-Dichloroethene	20.0	20.4	102	68-133	
1,2-Dichloroethane	20.0	20.2	101	66-129	
1,2-Dichloropropane	20.0	19.5	97	68-128	
2-Butanone (MEK)	100	111	111	61-128	
2-Hexanone	100	107	107	61-134	
4-Methyl-2-pentanone (MIBK)	100	105	105	69-128	
Acetone	100	99.1	99	61-134	
Benzene	20.0	20.3	102	71-126	
Bromodichloromethane	20.0	19.9	99	76-121	
Bromoform	20.0	22.9	115	48-144	
Bromomethane	20.0	19.6	98	32-150	
Carbon disulfide	20.0	19.4	97	64-138	
Carbon tetrachloride	20.0	20.9	104	61-131	
Chlorobenzene	20.0	20.8	104	80-120	
Chlorobromomethane	20.0	23.3	116	67-126	
Chloroethane	20.0	18.7	94	42-150	
Chloroform	20.0	20.9	104	78-125	
Chloromethane	20.0	16.7	83	43-150	
cis-1,2-Dichloroethene	20.0	21.2	106	78-121	
cis-1,3-Dichloropropene	20.0	19.7	99	74-125	
Ethylbenzene	20.0	19.8	99	78-120	
Methylene Chloride	20.0	19.4	97	74-127	
Styrene	20.0	20.8	104	75-127	
Tetrachloroethene	20.0	23.4	117	70-127	
Toluene	20.0	19.7	98	78-120	
trans-1,2-Dichloroethene	20.0	20.0	100	74-126	
trans-1,3-Dichloropropene	20.0	19.4	97	66-127	
Trichloroethene	20.0	20.6	103	71-121	
Vinyl chloride	20.0	16.5	82	55-144	
Xylenes, Total	40.0	40.0	100	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264899-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: J79897.D
 Lab ID: LCS 460-865576/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.2	106	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	63-139	
1,1,2-Trichloroethane	20.0	20.0	100	74-125	
1,1-Dichloroethane	20.0	20.6	103	73-130	
1,1-Dichloroethene	20.0	20.2	101	68-133	
1,2-Dichloroethane	20.0	20.3	101	66-129	
1,2-Dichloropropane	20.0	19.8	99	68-128	
2-Butanone (MEK)	100	102	102	61-128	
2-Hexanone	100	101	101	61-134	
4-Methyl-2-pentanone (MIBK)	100	103	103	69-128	
Acetone	100	94.6	95	61-134	
Benzene	20.0	20.5	103	71-126	
Bromodichloromethane	20.0	20.2	101	76-121	
Bromoform	20.0	22.5	113	48-144	
Bromomethane	20.0	20.2	101	32-150	
Carbon disulfide	20.0	20.2	101	64-138	
Carbon tetrachloride	20.0	21.6	108	61-131	
Chlorobenzene	20.0	21.2	106	80-120	
Chlorobromomethane	20.0	23.4	117	67-126	
Chloroethane	20.0	19.2	96	42-150	
Chloroform	20.0	20.8	104	78-125	
Chloromethane	20.0	16.7	84	43-150	
cis-1,2-Dichloroethene	20.0	22.0	110	78-121	
cis-1,3-Dichloropropene	20.0	18.9	95	74-125	
Ethylbenzene	20.0	19.6	98	78-120	
Methylene Chloride	20.0	20.3	102	74-127	
Styrene	20.0	21.1	106	75-127	
Tetrachloroethene	20.0	23.2	116	70-127	
Toluene	20.0	20.2	101	78-120	
trans-1,2-Dichloroethene	20.0	20.4	102	74-126	
trans-1,3-Dichloropropene	20.0	18.6	93	66-127	
Trichloroethene	20.0	20.8	104	71-121	
Vinyl chloride	20.0	17.1	85	55-144	
Xylenes, Total	40.0	40.0	100	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264899-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: J79866.D
 Lab ID: LCSD 460-865501/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	22.4	112	8	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	2	30	63-139	
1,1,2-Trichloroethane	20.0	20.2	101	0	30	74-125	
1,1-Dichloroethane	20.0	19.7	98	4	30	73-130	
1,1-Dichloroethene	20.0	21.3	107	5	30	68-133	
1,2-Dichloroethane	20.0	20.2	101	0	30	66-129	
1,2-Dichloropropane	20.0	19.8	99	2	30	68-128	
2-Butanone (MEK)	100	116	116	5	30	61-128	
2-Hexanone	100	105	105	1	30	61-134	
4-Methyl-2-pentanone (MIBK)	100	106	106	1	30	69-128	
Acetone	100	97.6	98	2	30	61-134	
Benzene	20.0	21.4	107	5	30	71-126	
Bromodichloromethane	20.0	20.7	103	4	30	76-121	
Bromoform	20.0	23.4	117	2	30	48-144	
Bromomethane	20.0	20.6	103	5	30	32-150	
Carbon disulfide	20.0	20.3	102	5	30	64-138	
Carbon tetrachloride	20.0	22.3	111	6	30	61-131	
Chlorobenzene	20.0	21.9	110	5	30	80-120	
Chlorobromomethane	20.0	24.1	120	3	30	67-126	
Chloroethane	20.0	18.7	94	0	30	42-150	
Chloroform	20.0	21.8	109	4	30	78-125	
Chloromethane	20.0	17.7	88	6	30	43-150	
cis-1,2-Dichloroethene	20.0	22.9	115	8	30	78-121	
cis-1,3-Dichloropropene	20.0	20.0	100	1	30	74-125	
Ethylbenzene	20.0	20.7	104	5	30	78-120	
Methylene Chloride	20.0	20.4	102	5	30	74-127	
Styrene	20.0	22.2	111	7	30	75-127	
Tetrachloroethene	20.0	24.5	122	4	30	70-127	
Toluene	20.0	20.8	104	6	30	78-120	
trans-1,2-Dichloroethene	20.0	21.4	107	7	30	74-126	
trans-1,3-Dichloropropene	20.0	19.0	95	2	30	66-127	
Trichloroethene	20.0	21.7	108	5	30	71-121	
Vinyl chloride	20.0	18.0	90	9	30	55-144	
Xylenes, Total	40.0	42.7	107	6	30	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: J79898.D

Lab ID: LCSD 460-865576/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	21.1	105	0	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.9	89	3	30	63-139	
1,1,2-Trichloroethane	20.0	19.3	97	3	30	74-125	
1,1-Dichloroethane	20.0	18.7	94	10	30	73-130	
1,1-Dichloroethene	20.0	19.1	95	6	30	68-133	
1,2-Dichloroethane	20.0	19.9	99	2	30	66-129	
1,2-Dichloropropane	20.0	18.7	93	6	30	68-128	
2-Butanone (MEK)	100	105	105	2	30	61-128	
2-Hexanone	100	99.7	100	1	30	61-134	
4-Methyl-2-pentanone (MIBK)	100	103	103	0	30	69-128	
Acetone	100	92.7	93	2	30	61-134	
Benzene	20.0	19.6	98	5	30	71-126	
Bromodichloromethane	20.0	19.6	98	3	30	76-121	
Bromoform	20.0	22.2	111	1	30	48-144	
Bromomethane	20.0	20.1	101	1	30	32-150	
Carbon disulfide	20.0	19.5	98	3	30	64-138	
Carbon tetrachloride	20.0	20.7	104	4	30	61-131	
Chlorobenzene	20.0	20.5	102	4	30	80-120	
Chlorobromomethane	20.0	23.2	116	1	30	67-126	
Chloroethane	20.0	18.2	91	6	30	42-150	
Chloroform	20.0	20.3	102	2	30	78-125	
Chloromethane	20.0	15.9	80	5	30	43-150	
cis-1,2-Dichloroethene	20.0	21.3	107	3	30	78-121	
cis-1,3-Dichloropropene	20.0	18.3	92	3	30	74-125	
Ethylbenzene	20.0	19.0	95	3	30	78-120	
Methylene Chloride	20.0	19.4	97	5	30	74-127	
Styrene	20.0	20.6	103	2	30	75-127	
Tetrachloroethene	20.0	22.2	111	4	30	70-127	
Toluene	20.0	19.2	96	5	30	78-120	
trans-1,2-Dichloroethene	20.0	19.9	99	3	30	74-126	
trans-1,3-Dichloropropene	20.0	18.1	91	3	30	66-127	
Trichloroethene	20.0	20.4	102	2	30	71-121	
Vinyl chloride	20.0	16.2	81	5	30	55-144	
Xylenes, Total	40.0	38.5	96	4	30	78-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-264899-1
SDG No.: _____
Lab File ID: J79870.D Lab Sample ID: MB 460-865501/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS8 Date Analyzed: 09/09/2022 20:34
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 460-865501/3	J79865.D	09/09/2022 18:29
	LCSD 460-865501/4	J79866.D	09/09/2022 18:54
TRIP BLANK	460-264899-7	J79875.D	09/09/2022 22:47
EB02-090122	460-264899-5	J79876.D	09/09/2022 23:12
FSMW4A-083122	460-264899-1	J79886.D	09/10/2022 03:23
DUP02-083122	460-264899-2	J79887.D	09/10/2022 03:48
FSMW1A-083122	460-264899-3	J79888.D	09/10/2022 04:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-264899-1
SDG No.: _____
Lab File ID: J79902.D Lab Sample ID: MB 460-865576/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS8 Date Analyzed: 09/10/2022 10:58
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 460-865576/3	J79897.D	09/10/2022 08:53
	LCSD 460-865576/4	J79898.D	09/10/2022 09:18
LFR1-090122	460-264899-4	J79907.D	09/10/2022 13:03
FSMW3A-090122	460-264899-6	J79908.D	09/10/2022 13:28

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

Lab Name: Eurofins Edison Job No.: 460-264899-1
 SDG No.: _____
 Lab File ID: J79476.D BFB Injection Date: 08/31/2022
 Instrument ID: CVOAMS8 BFB Injection Time: 12:09
 Analysis Batch No.: 864088

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	129.1
96	5 - 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	77.5
175	5 - 9% of m/z 174	7.3
176	95 -105% of m/z 174	96.5
177	5 - 10% of m/z 176	7.0

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 460-864088/3	J79478.D	08/31/2022	12:56
	STD1 460-864088/4	J79479.D	08/31/2022	13:22
	STD5 460-864088/5	J79480.D	08/31/2022	13:47
	STD20 460-864088/6	J79481.D	08/31/2022	14:12
	STD50 460-864088/7	J79482.D	08/31/2022	14:37
	STD200 460-864088/8	J79483.D	08/31/2022	15:02
	STD500 460-864088/9	J79484.D	08/31/2022	15:27
	ICV 460-864088/17	J79492.D	08/31/2022	18:48

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

Lab Name: Eurofins Edison Job No.: 460-264899-1
 SDG No.: _____
 Sample No.: STD20 460-864088/6 Date Analyzed: 08/31/2022 14:12
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79481.D Heated Purge: (Y/N) N
 Calibration ID: 91280

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	198143	2.85	304569	3.87	474521	4.94	
UPPER LIMIT	396286	3.35	609138	4.37	949042	5.44	
LOWER LIMIT	99072	2.35	152285	3.37	237261	4.44	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-864088/17		210422	2.85	311704	3.88	474276	4.94

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 Edison Job No.: 460-264899-1
 SDG No.: _____
 Sample No.: STD20 460-864088/6 Date Analyzed: 08/31/2022 14:12
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79481.D Heated Purge: (Y/N) N
 Calibration ID: 91280

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	24096	5.64	358389	8.38	188817	10.74	
UPPER LIMIT	48192	6.14	716778	8.88	377634	11.24	
LOWER LIMIT	12048	5.14	179195	7.88	94409	10.24	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-864088/17		26315	5.63	357660	8.37	199566	10.74

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 Edison Job No.: 460-264899-1
 SDG No.: _____
 Sample No.: CCVIS 460-865501/2 Date Analyzed: 09/09/2022 18:04
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79864.D Heated Purge: (Y/N) N
 Calibration ID: 91280

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		181000	2.84	284839	3.87	490754	4.93
UPPER LIMIT		362000	3.34	569678	4.37	981508	5.43
LOWER LIMIT		90500	2.34	142420	3.37	245377	4.43
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-865501/3		189124	2.84	286241	3.87	495698	4.93
LCSD 460-865501/4		181925	2.84	279366	3.86	494188	4.93
MB 460-865501/8		170879	2.83	264639	3.86	467988	4.92
460-264899-7	TRIP BLANK	169151	2.83	263237	3.86	457425	4.92
460-264899-5	EB02-090122	168092	2.83	255767	3.85	452329	4.92
460-264899-1	FSMW4A-083122	169845	2.83	257270	3.85	427227	4.92
460-264899-2	DUP02-083122	159849	2.83	260962	3.85	434735	4.92
460-264899-3	FSMW1A-083122	158329	2.83	254225	3.86	435602	4.92

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 Edison Job No.: 460-264899-1
 SDG No.: _____
 Sample No.: CCVIS 460-865501/2 Date Analyzed: 09/09/2022 18:04
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79864.D Heated Purge: (Y/N) N
 Calibration ID: 91280

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		25823	5.62	380970	8.36	226569	10.73
UPPER LIMIT		51646	6.12	761940	8.86	453138	11.23
LOWER LIMIT		12912	5.12	190485	7.86	113285	10.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-865501/3		26251	5.62	381825	8.35	226272	10.73
LCSD 460-865501/4		26220	5.62	385468	8.36	228036	10.73
MB 460-865501/8		21207	5.62	362317	8.35	212154	10.73
460-264899-7	TRIP BLANK	20129	5.61	347440	8.35	196481	10.73
460-264899-5	EB02-090122	18694	5.62	340552	8.35	197557	10.73
460-264899-1	FSMW4A-083122	18667	5.62	334555	8.35	192315	10.73
460-264899-2	DUP02-083122	18070	5.62	328571	8.35	187533	10.73
460-264899-3	FSMW1A-083122	17624	5.61	320642	8.35	185782	10.73

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 Edison Job No.: 460-264899-1
 SDG No.: _____
 Sample No.: CCVIS 460-865576/2 Date Analyzed: 09/10/2022 08:27
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79896.D Heated Purge: (Y/N) N
 Calibration ID: 91280

		TBA _d 9		BUT		FB		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		184366	2.83	284974	3.86	470829	4.92	
UPPER LIMIT		368732	3.33	569948	4.36	941658	5.42	
LOWER LIMIT		92183	2.33	142487	3.36	235415	4.42	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-865576/3		194248	2.83	291517	3.85	475541	4.92	
LCSD 460-865576/4		190540	2.83	285943	3.86	482026	4.92	
MB 460-865576/8		171327	2.83	265075	3.85	460545	4.92	
460-264899-4		LFR1-090122	176550	2.83	276441	3.85	444768	4.92
460-264899-6		FSMW3A-090122	184646	2.83	275893	3.85	443914	4.92

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 Edison Job No.: 460-264899-1
 SDG No.: _____
 Sample No.: CCVIS 460-865576/2 Date Analyzed: 09/10/2022 08:27
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J79896.D Heated Purge: (Y/N) N
 Calibration ID: 91280

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24720	5.63	371205	8.35	221873	10.72
UPPER LIMIT		49440	6.13	742410	8.85	443746	11.22
LOWER LIMIT		12360	5.13	185603	7.85	110937	10.22
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-865576/3		27669	5.62	373654	8.35	218548	10.73
LCSD 460-865576/4		27143	5.61	380334	8.35	226613	10.72
MB 460-865576/8		20280	5.61	350601	8.35	203033	10.73
460-264899-4	LFR1-090122	20686	5.62	339077	8.35	196953	10.73
460-264899-6	FSMW3A-090122	20523	5.61	338027	8.35	194812	10.73

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW4A-083122</u>	Lab Sample ID: <u>460-264899-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79886.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 14:59</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/10/2022 03:23</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865501</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	0.20	U	1.0	0.20
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	23		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.66	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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: FSMW4A-083122 Lab Sample ID: 460-264899-1
Matrix: Water Lab File ID: J79886.D
Analysis Method: 8260D Date Collected: 08/31/2022 14:59
Sample wt/vol: 5 (mL) Date Analyzed: 09/10/2022 03:23
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865501 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
2037-26-5	Toluene-d8 (Surr)	77	S1-	80-120
460-00-4	4-Bromofluorobenzene	84		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79886.D
 Lims ID: 460-264899-A-1
 Client ID: FSMW4A-083122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 03:23:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-1
 Misc. Info.: 460-0150196-024
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 14:42:50 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 10:20:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.826	2.837	-0.011	75	169845	1000.0	
* 43 2-Butanone-d5	46	3.854	3.865	-0.011	85	257270	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.310	4.310	0.000	96	90004	47.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.653	4.652	0.001	0	109618	44.0	
* 66 Fluorobenzene	96	4.915	4.926	-0.011	98	427227	50.0	
68 Trichloroethene	95	5.269	5.269	0.000	94	1317	0.6556	
* 72 1,4-Dioxane-d8	96	5.623	5.623	0.000	0	18667	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.571	6.570	0.001	98	281766	38.6	
88 Tetrachloroethene	166	7.244	7.255	-0.011	97	42826	22.8	
* 94 Chlorobenzene-d5	117	8.352	8.363	-0.011	88	334555	50.0	
\$ 105 4-Bromofluorobenzene	174	9.779	9.779	0.000	94	95939	42.1	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.726	0.000	95	192315	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79886.D

Injection Date: 10-Sep-2022 03:23:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264899-A-1

Lab Sample ID: 460-264899-1

Worklist Smp#: 24

Client ID: FSMW4A-083122

Purge Vol: 5.000 mL

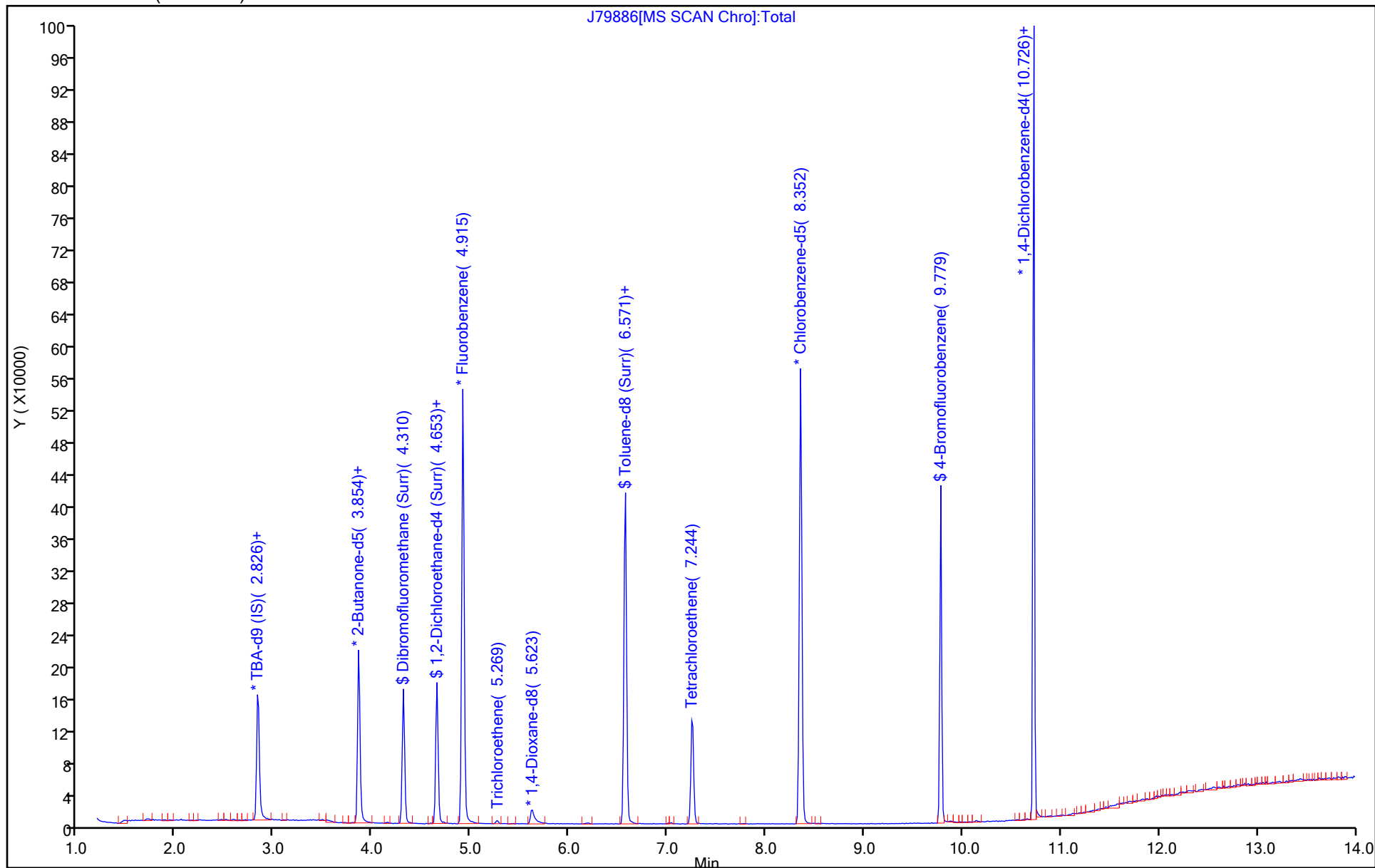
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79886.D
 Lims ID: 460-264899-A-1
 Client ID: FSMW4A-083122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 03:23:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-1
 Misc. Info.: 460-0150196-024
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 14:42:50 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 10:20:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	47.3	94.50
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	44.0	88.07
\$ 83 Toluene-d8 (Surr)	50.0	38.6	77.23
\$ 105 4-Bromofluorobenzene	50.0	42.1	84.15

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79886.D

Injection Date: 10-Sep-2022 03:23:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-1

Lab Sample ID: 460-264899-1

Client ID: FSMW4A-083122

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

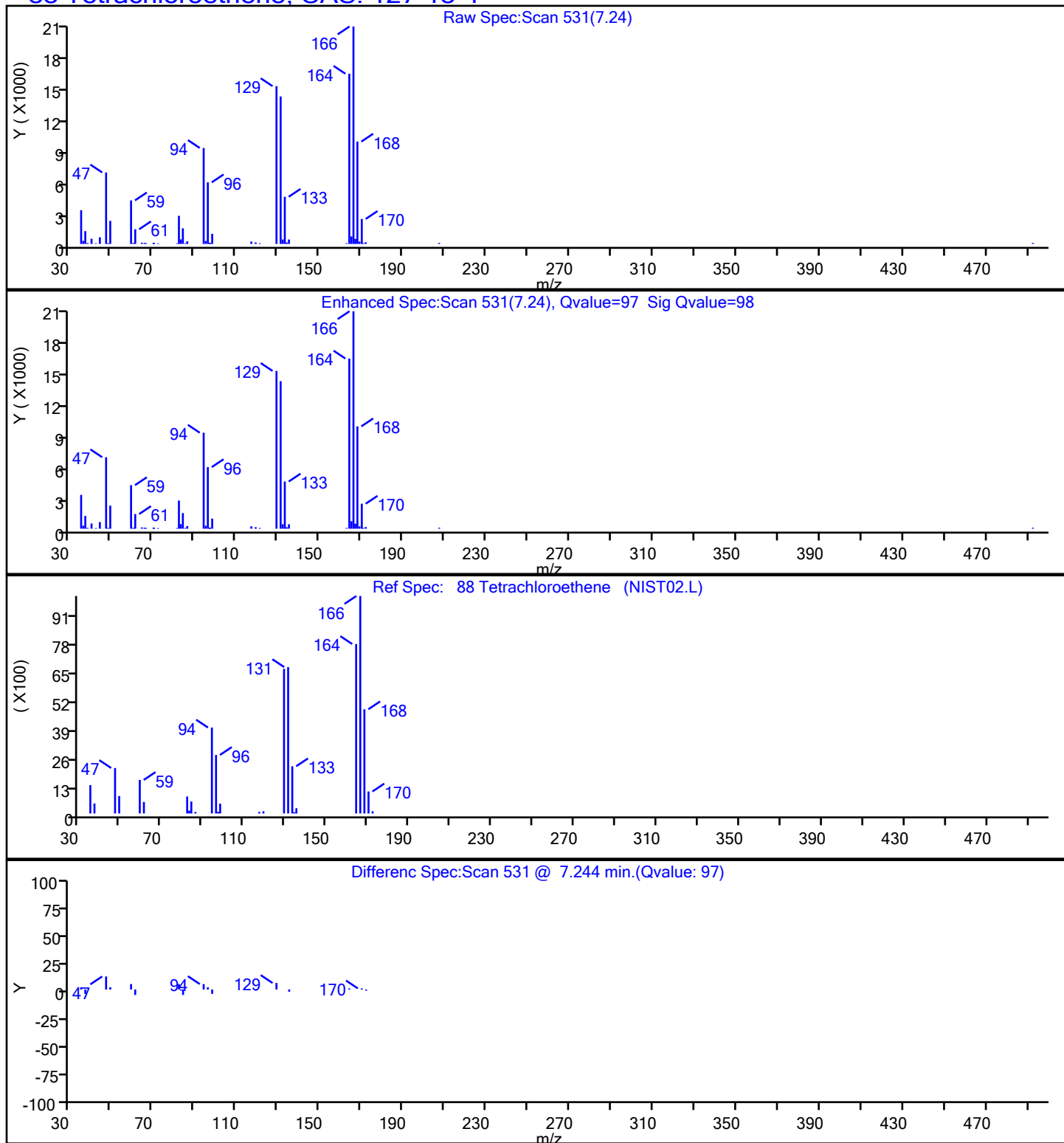
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79886.D

Injection Date: 10-Sep-2022 03:23:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-1

Lab Sample ID: 460-264899-1

Client ID: FSMW4A-083122

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

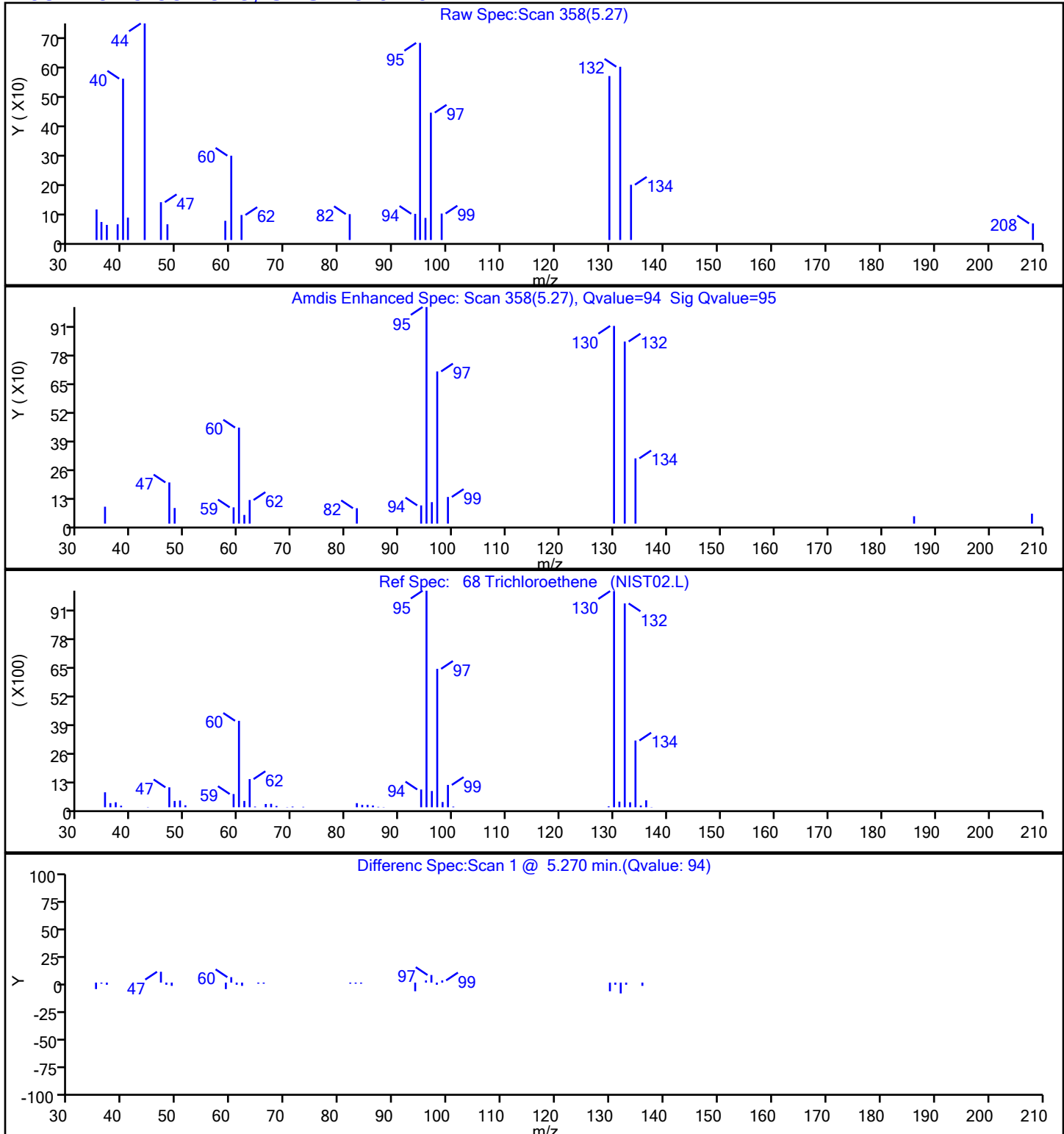
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79886.D

Injection Date: 10-Sep-2022 03:23:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-1

Lab Sample ID: 460-264899-1

Client ID: FSMW4A-083122

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

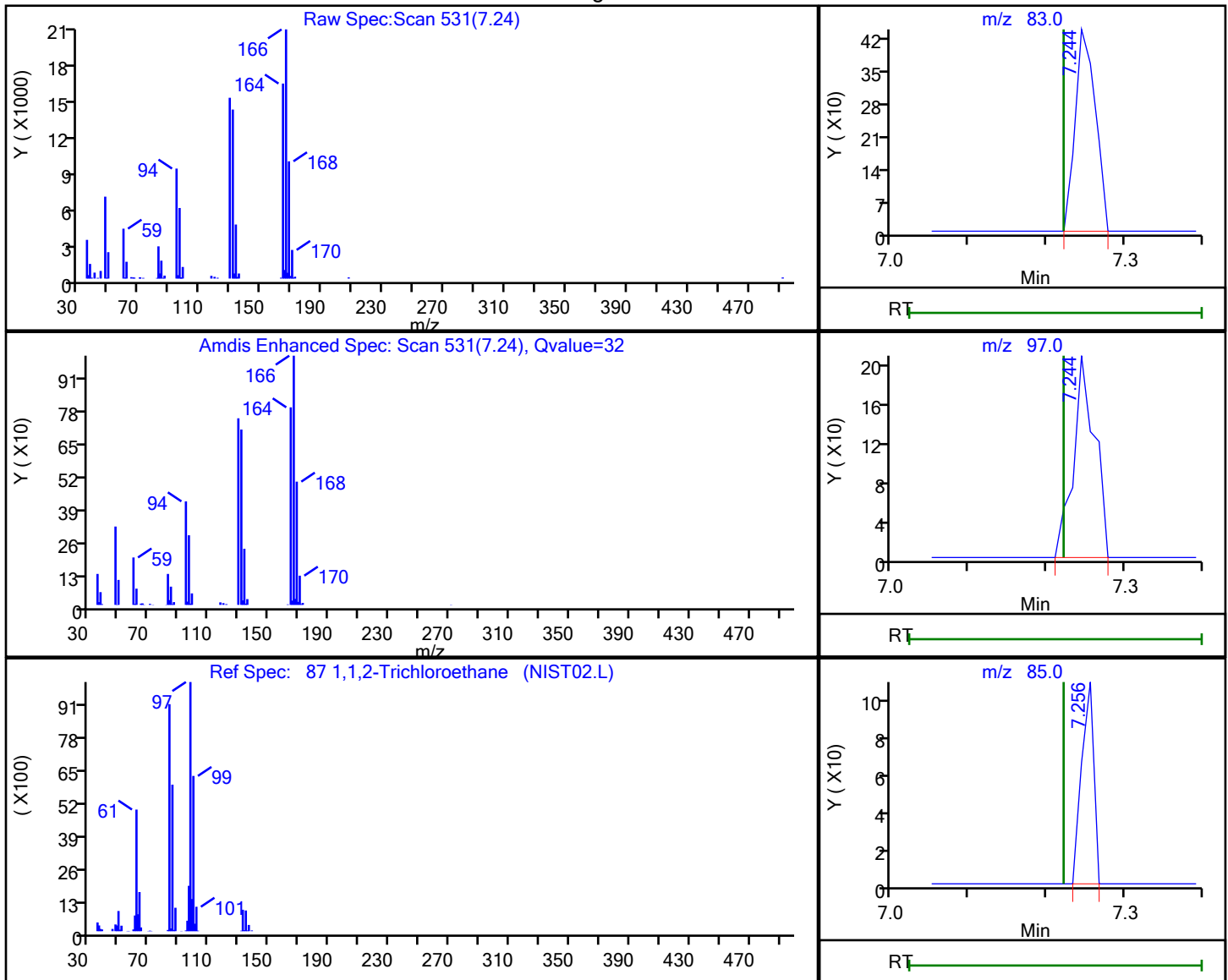
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.24	83.00	785	0.456096
7.24	97.00	386	
7.26	85.00	115	

Reviewer: RD6L, 10-Sep-2022 10:19:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP02-083122</u>	Lab Sample ID: <u>460-264899-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79887.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 15:02</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/10/2022 03:48</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865501</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	0.20	U	1.0	0.20
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	24		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.40	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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: DUP02-083122 Lab Sample ID: 460-264899-2
Matrix: Water Lab File ID: J79887.D
Analysis Method: 8260D Date Collected: 08/31/2022 15:02
Sample wt/vol: 5 (mL) Date Analyzed: 09/10/2022 03:48
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865501 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
2037-26-5	Toluene-d8 (Surr)	93		80-120
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79887.D
 Lims ID: 460-264899-A-2
 Client ID: DUP02-083122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 03:48:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-2
 Misc. Info.: 460-0150196-025
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 14:42:50 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 10:21:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.826	2.837	-0.011	75	159849	1000.0	
* 43 2-Butanone-d5	46	3.854	3.865	-0.011	86	260962	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.310	4.310	0.000	96	107291	55.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.653	4.652	0.001	0	129999	51.3	
* 66 Fluorobenzene	96	4.916	4.926	-0.010	98	434735	50.0	
68 Trichloroethene	95	5.269	5.269	0.000	91	824	0.4031	Ma
* 72 1,4-Dioxane-d8	96	5.623	5.623	0.000	0	18070	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.571	6.570	0.001	98	334872	46.7	
88 Tetrachloroethene	166	7.245	7.255	-0.010	98	45019	24.4	
* 94 Chlorobenzene-d5	117	8.352	8.363	-0.011	88	328571	50.0	
\$ 105 4-Bromofluorobenzene	174	9.779	9.779	0.000	94	112700	50.3	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.726	0.001	95	187533	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79887.D

Injection Date: 10-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264899-A-2

Lab Sample ID: 460-264899-2

Worklist Smp#: 25

Client ID: DUP02-083122

Purge Vol: 5.000 mL

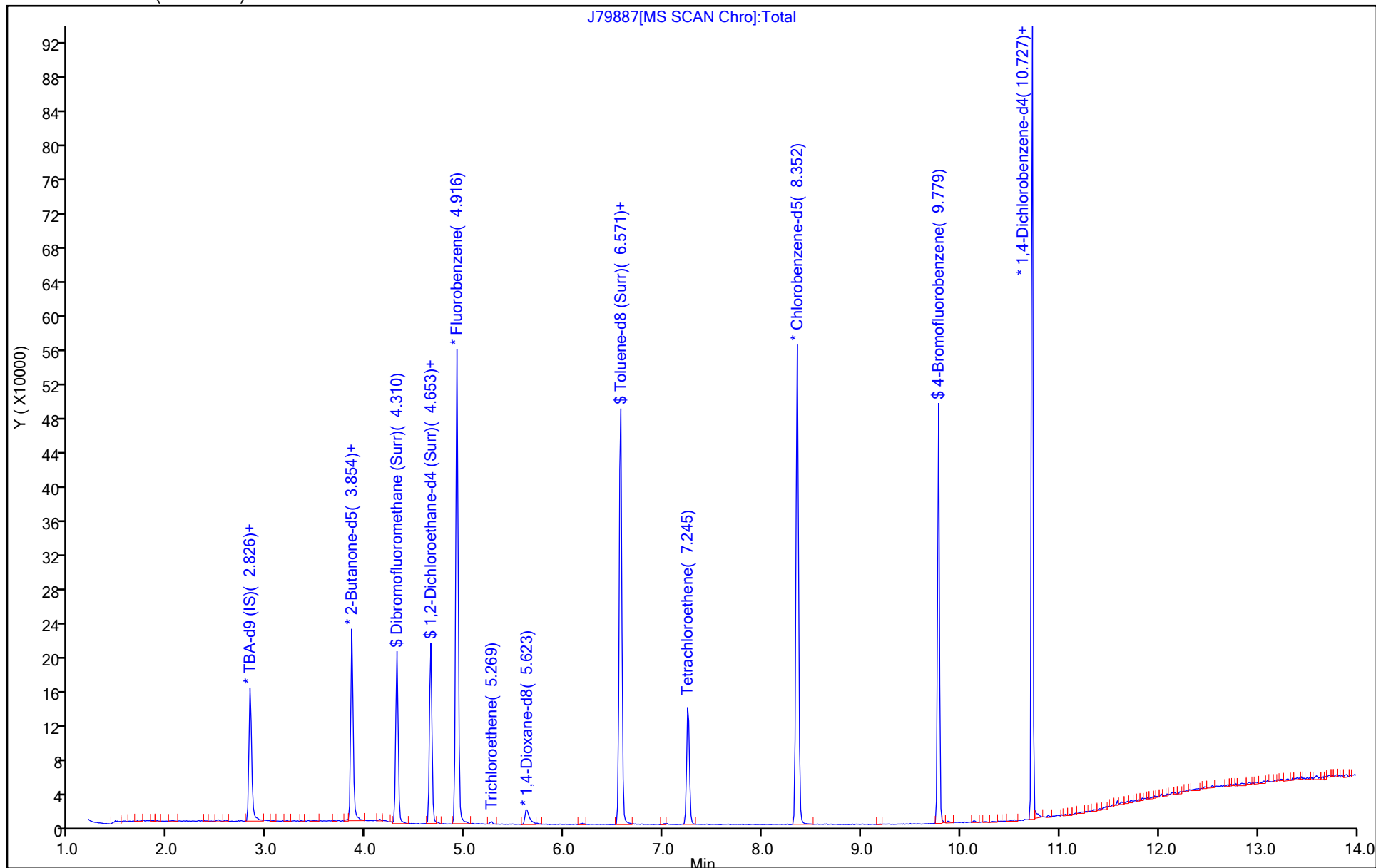
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79887.D
 Lims ID: 460-264899-A-2
 Client ID: DUP02-083122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 03:48:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-2
 Misc. Info.: 460-0150196-025
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 14:42:50 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 10:21:18

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	55.4	110.71
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	51.3	102.64
\$ 83 Toluene-d8 (Surr)	50.0	46.7	93.45
\$ 105 4-Bromofluorobenzene	50.0	50.3	100.66

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79887.D

Injection Date: 10-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-2

Lab Sample ID: 460-264899-2

Client ID: DUP02-083122

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

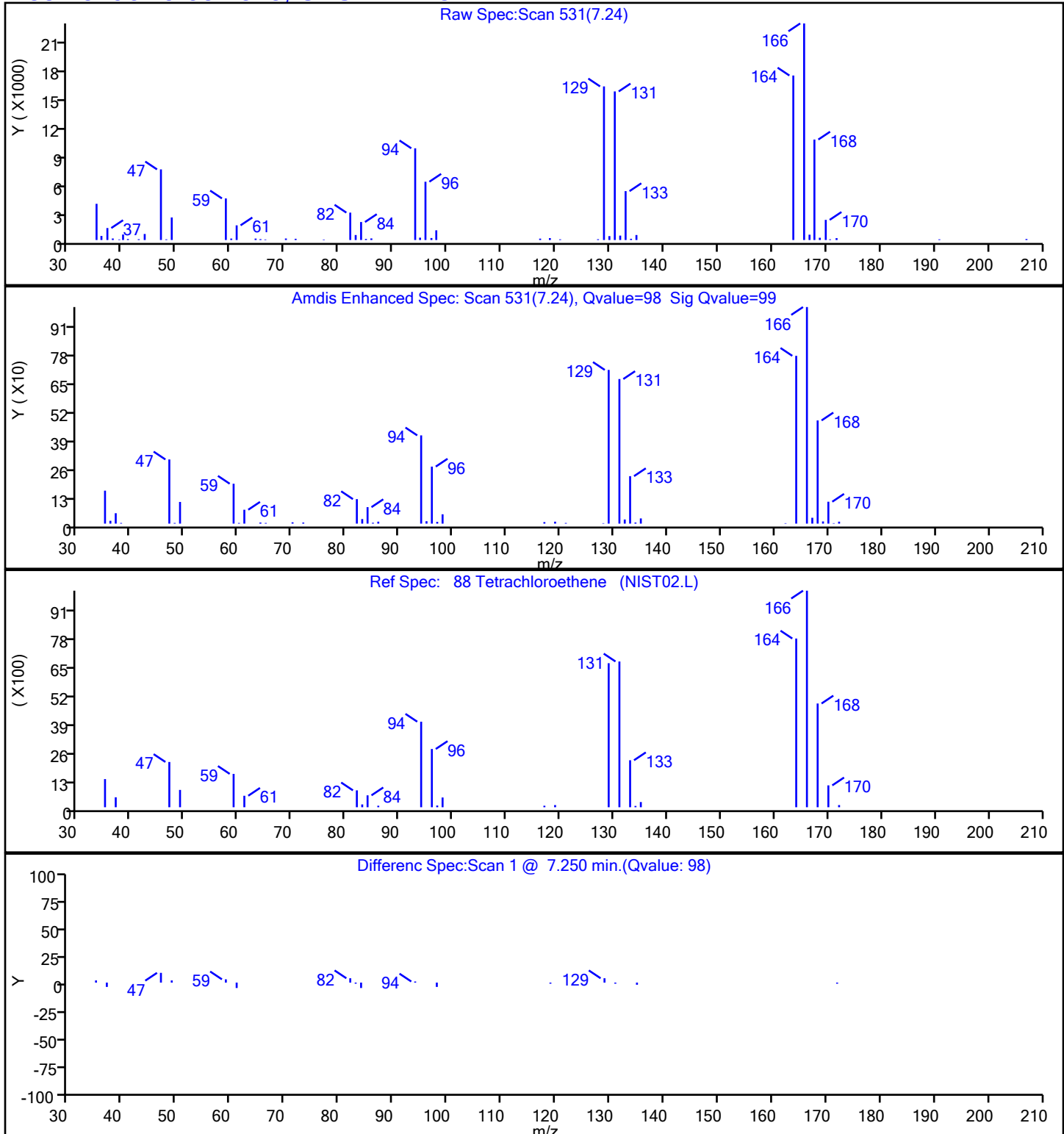
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79887.D

Injection Date: 10-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-2

Lab Sample ID: 460-264899-2

Client ID: DUP02-083122

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

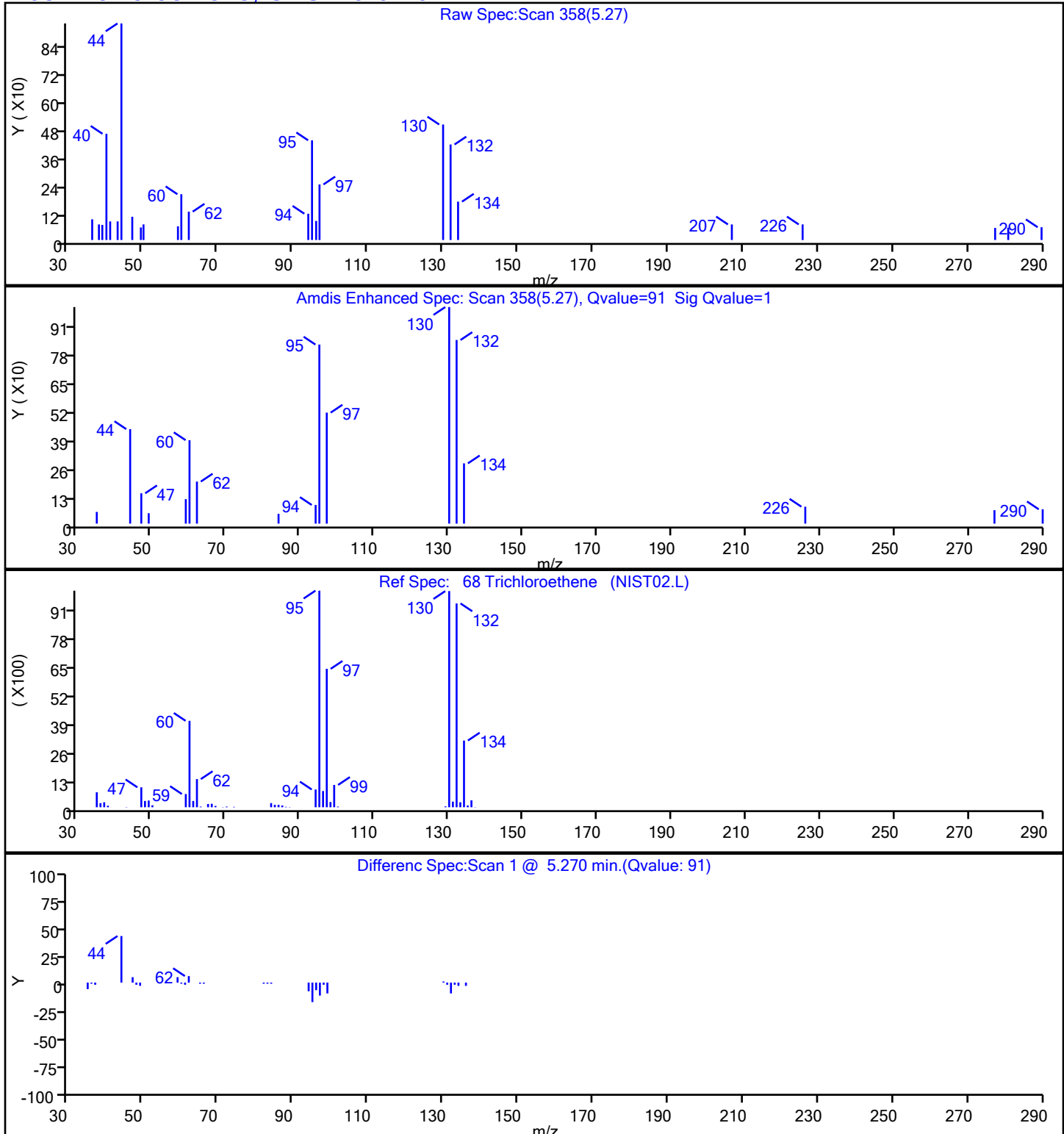
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79887.D

Injection Date: 10-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-2

Lab Sample ID: 460-264899-2

Client ID: DUP02-083122

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

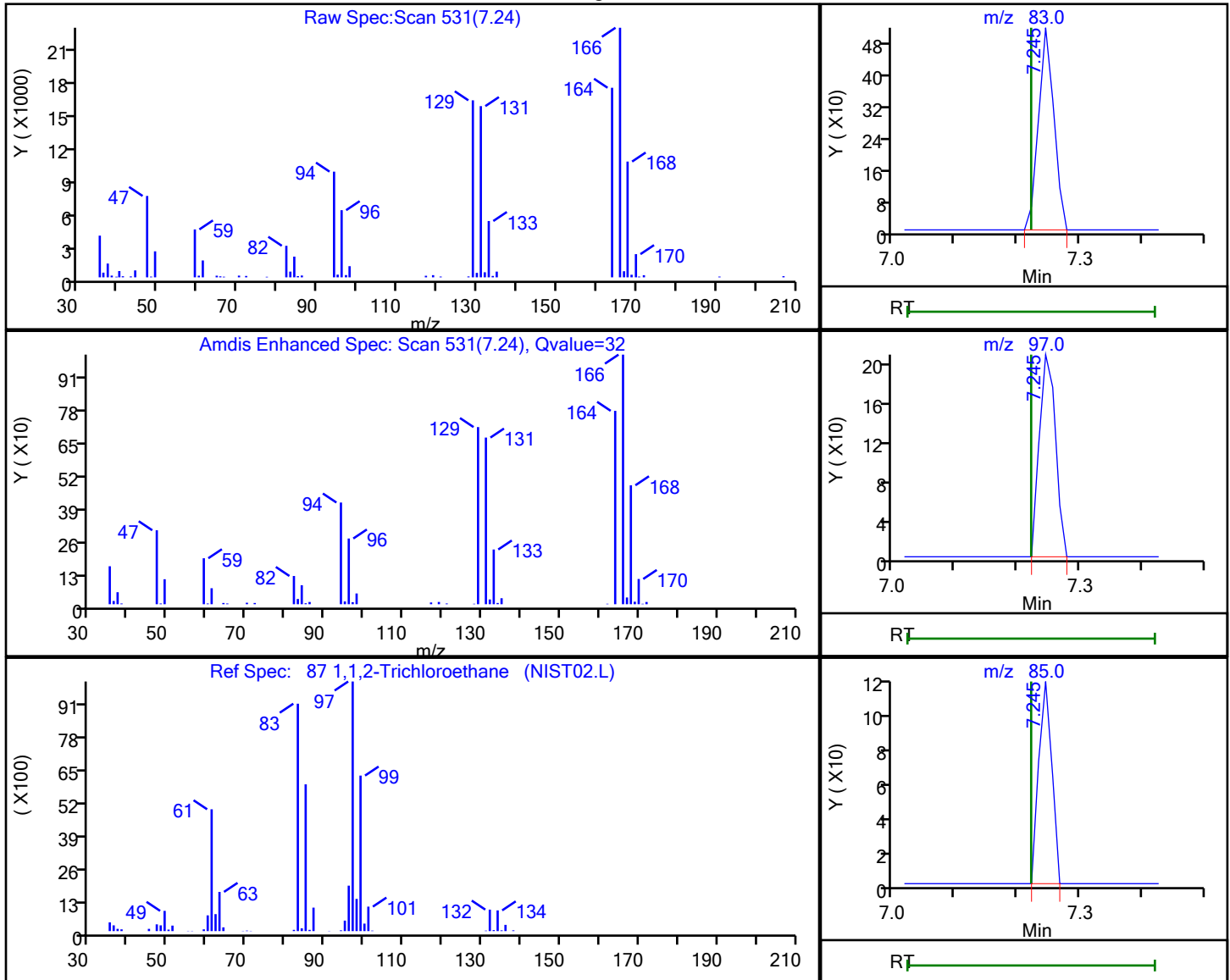
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.24	83.00	892	0.527703
7.24	97.00	369	
7.24	85.00	162	

Reviewer: RD6L, 10-Sep-2022 10:20:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79887.D

Injection Date: 10-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-2

Lab Sample ID: 460-264899-2

Client ID: DUP02-083122

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

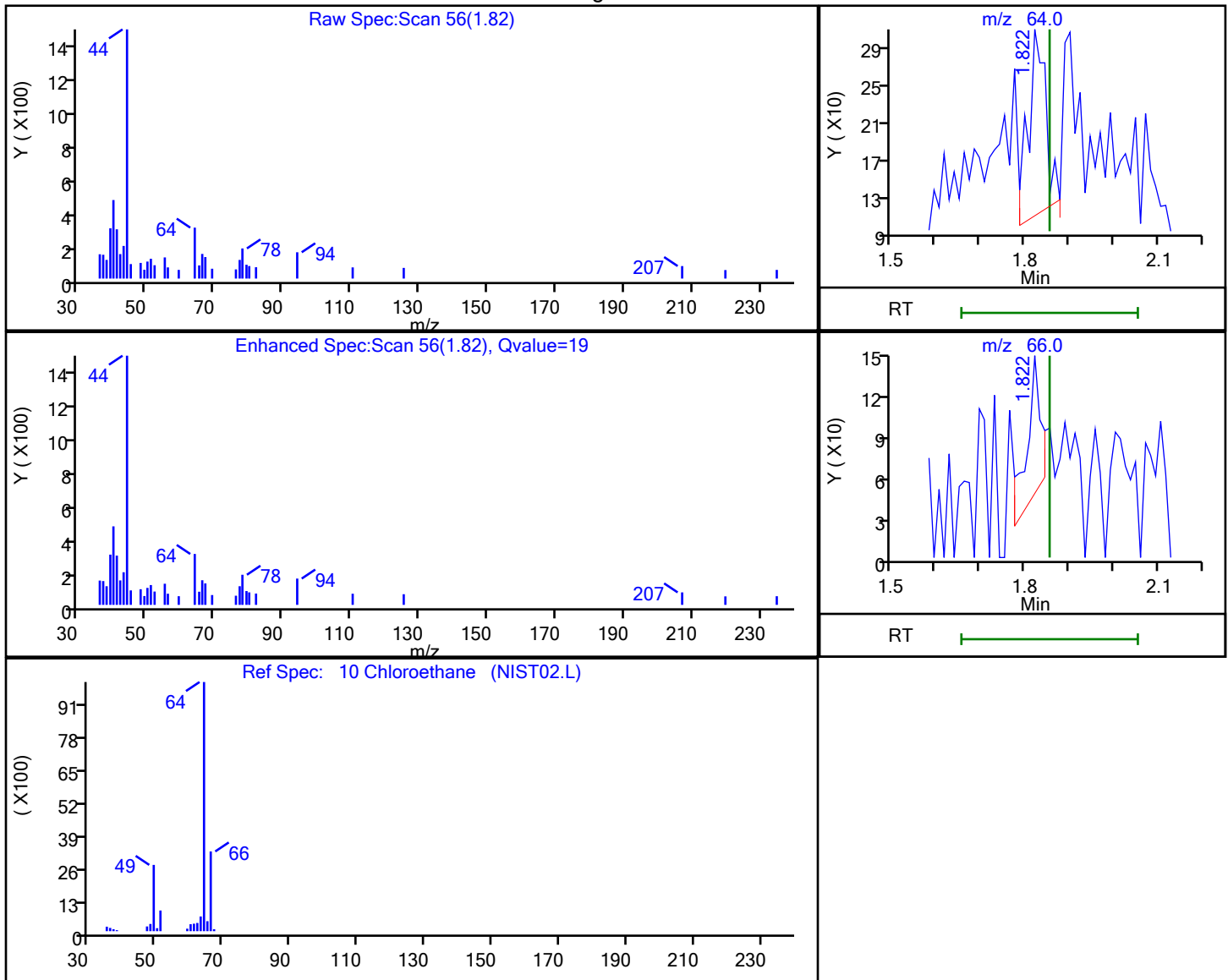
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.82	64.00	535	0.368490
1.82	66.00	224	

Reviewer: RD6L, 10-Sep-2022 10:20:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79887.D

Injection Date: 10-Sep-2022 03:48:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-2

Lab Sample ID: 460-264899-2

Client ID: DUP02-083122

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

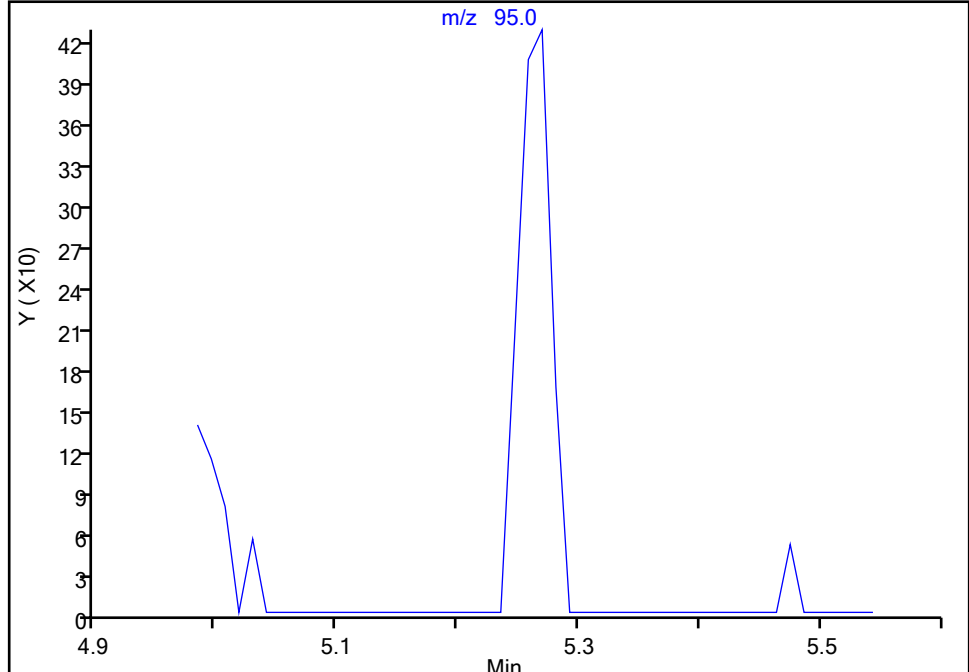
68 Trichloroethene, CAS: 79-01-6

Signal: 1

Not Detected

Expected RT: 5.27

Processing Integration Results



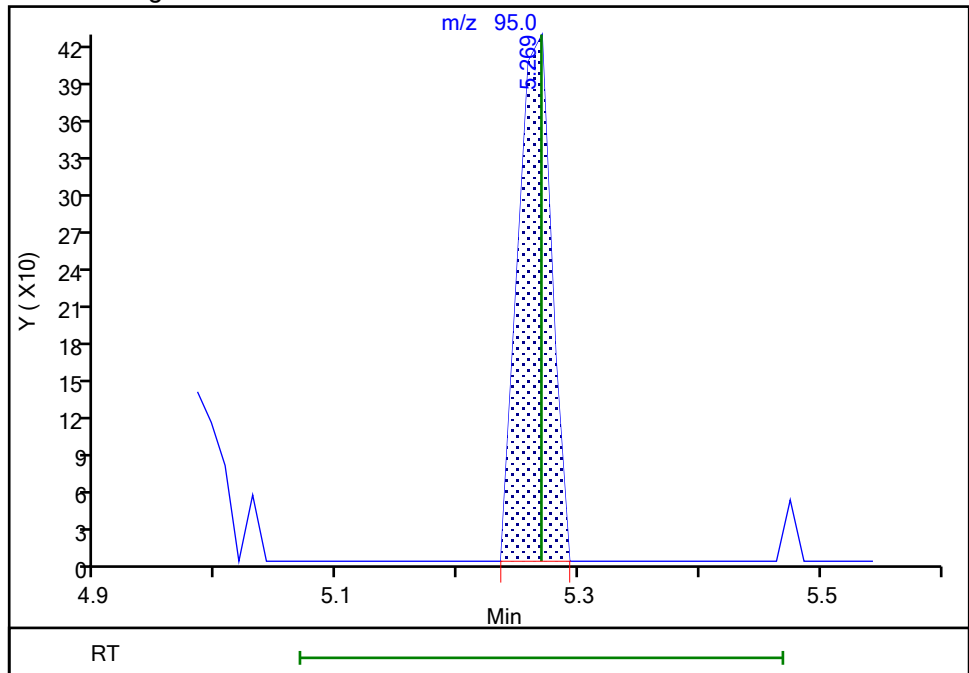
RT: 5.27

Area: 824

Amount: 0.403105

Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 10-Sep-2022 10:20:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW1A-083122</u>	Lab Sample ID: <u>460-264899-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79888.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>08/31/2022 16:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/10/2022 04:13</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865501</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	0.20	U	1.0	0.20
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	2.7		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	23		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	3.7		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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: FSMW1A-083122 Lab Sample ID: 460-264899-3
Matrix: Water Lab File ID: J79888.D
Analysis Method: 8260D Date Collected: 08/31/2022 16:25
Sample wt/vol: 5 (mL) Date Analyzed: 09/10/2022 04:13
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865501 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
2037-26-5	Toluene-d8 (Surr)	95		80-120
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79888.D
 Lims ID: 460-264899-A-3
 Client ID: FSMW1A-083122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 04:13:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-3
 Misc. Info.: 460-0150196-026
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 14:42:50 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 10:21:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.828	2.837	-0.009	75	158329	1000.0	
* 43 2-Butanone-d5	46	3.856	3.865	-0.009	86	254225	250.0	
44 cis-1,2-Dichloroethene	96	3.890	3.887	0.003	93	5566	2.67	
\$ 55 Dibromofluoromethane (Surr)	113	4.313	4.310	0.003	96	107528	55.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.655	4.652	0.003	0	124546	49.1	
* 66 Fluorobenzene	96	4.918	4.926	-0.008	98	435602	50.0	
68 Trichloroethene	95	5.260	5.269	-0.009	97	7522	3.67	
* 72 1,4-Dioxane-d8	96	5.614	5.623	-0.009	0	17624	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.562	6.570	-0.008	98	332140	47.5	
88 Tetrachloroethene	166	7.247	7.255	-0.008	97	41803	23.2	
* 94 Chlorobenzene-d5	117	8.354	8.363	-0.009	88	320642	50.0	
\$ 105 4-Bromofluorobenzene	174	9.781	9.779	0.002	96	110418	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.729	10.726	0.003	96	185782	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79888.D

Injection Date: 10-Sep-2022 04:13:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264899-A-3

Lab Sample ID: 460-264899-3

Worklist Smp#: 26

Client ID: FSMW1A-083122

Purge Vol: 5.000 mL

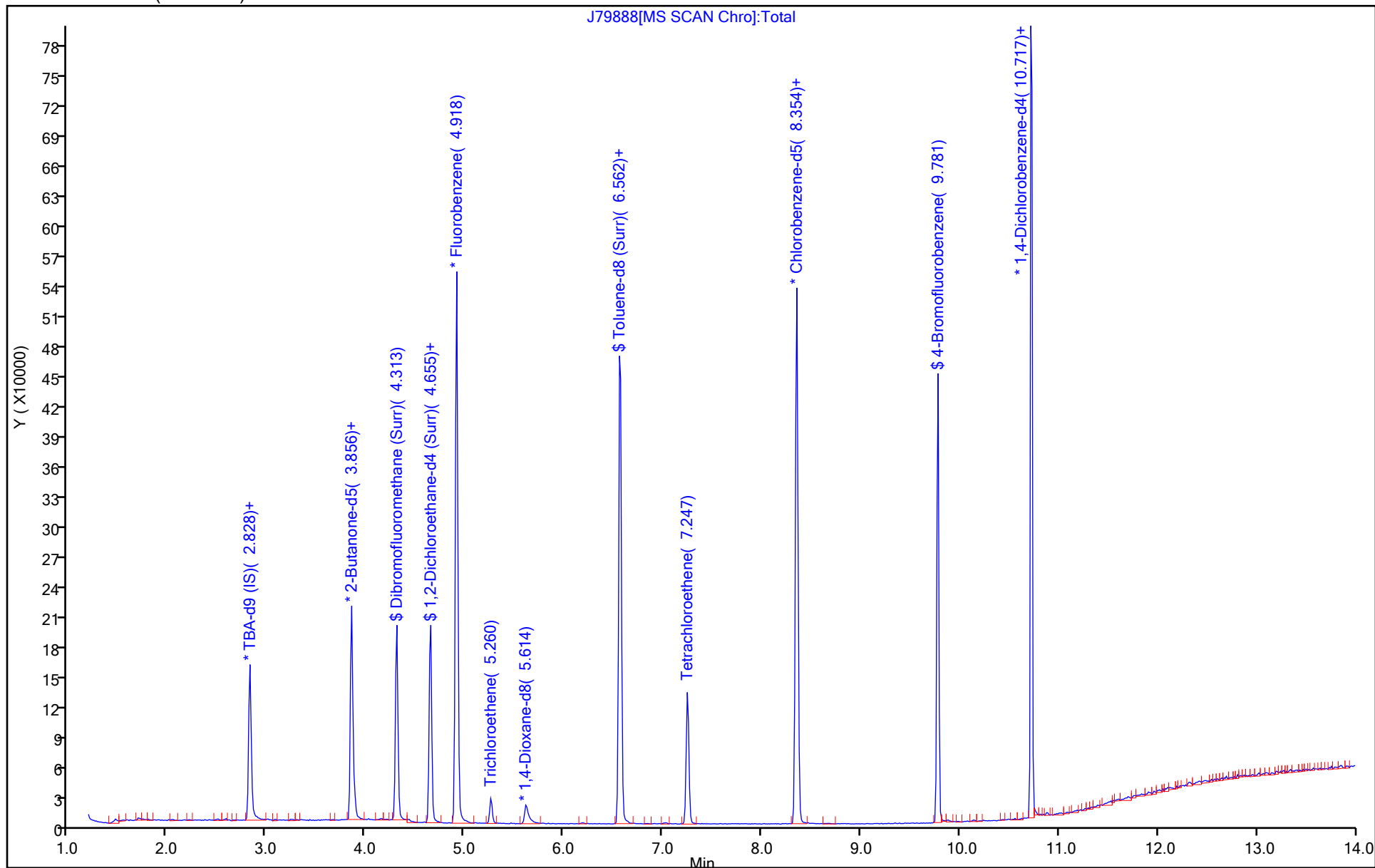
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79888.D
 Lims ID: 460-264899-A-3
 Client ID: FSMW1A-083122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 04:13:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-3
 Misc. Info.: 460-0150196-026
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 14:42:50 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 10:21:46

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	55.4	110.73
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.14
\$ 83 Toluene-d8 (Surr)	50.0	47.5	94.98
\$ 105 4-Bromofluorobenzene	50.0	50.5	101.06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79888.D

Injection Date: 10-Sep-2022 04:13:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-3

Lab Sample ID: 460-264899-3

Client ID: FSMW1A-083122

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

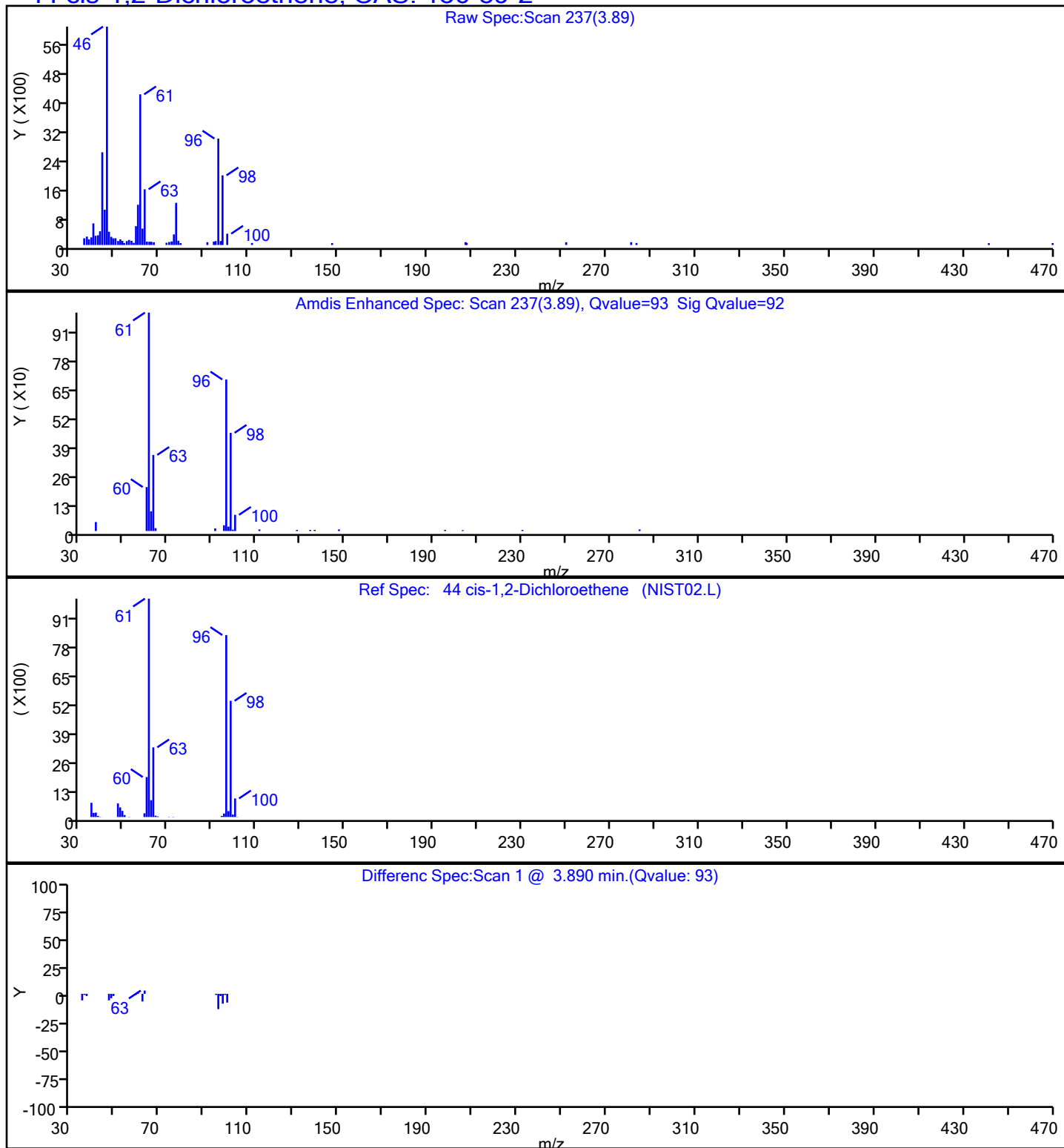
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79888.D

Injection Date: 10-Sep-2022 04:13:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-3

Lab Sample ID: 460-264899-3

Client ID: FSMW1A-083122

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

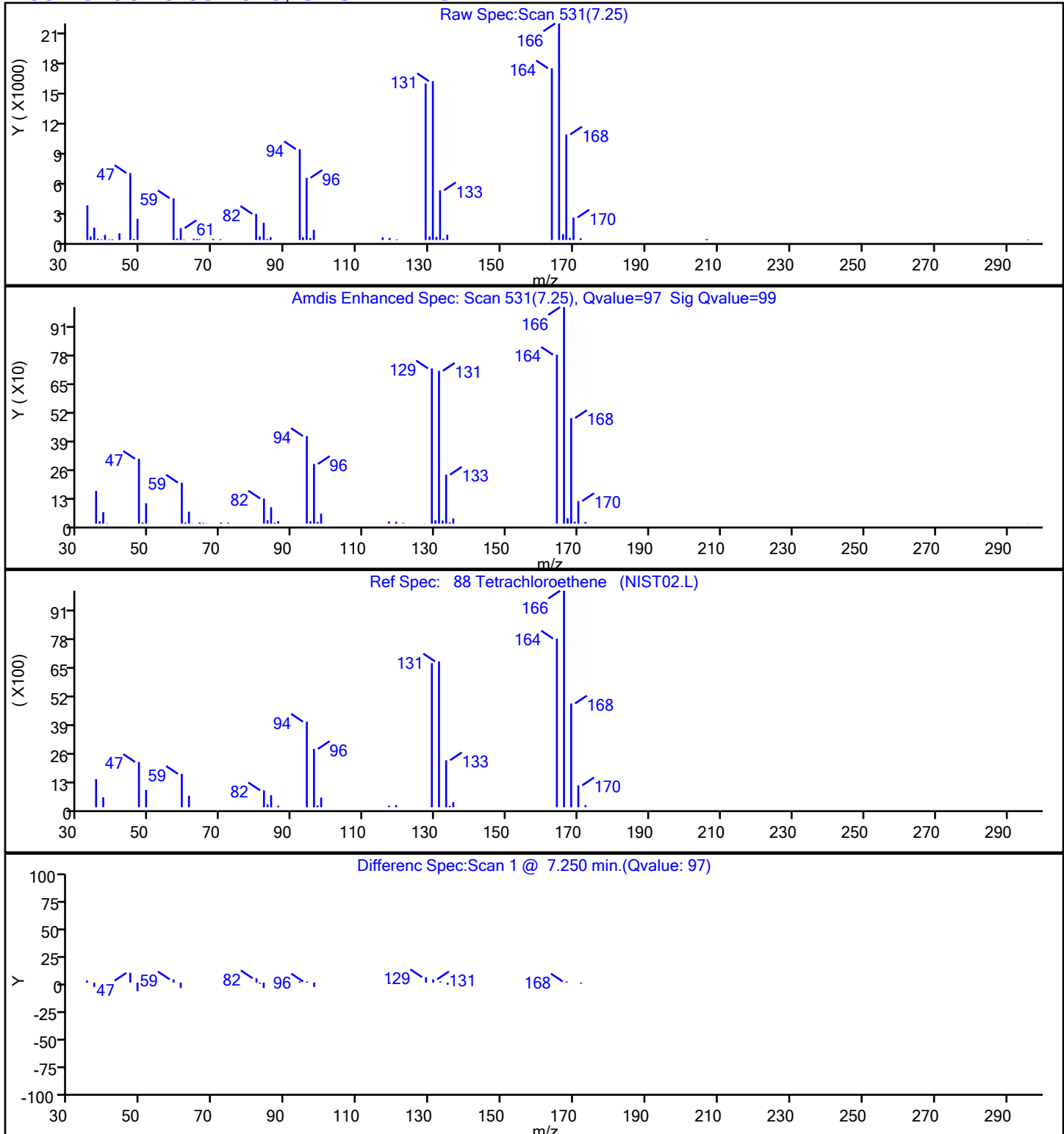
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79888.D

Injection Date: 10-Sep-2022 04:13:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-3

Lab Sample ID: 460-264899-3

Client ID: FSMW1A-083122

Operator ID:

ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL

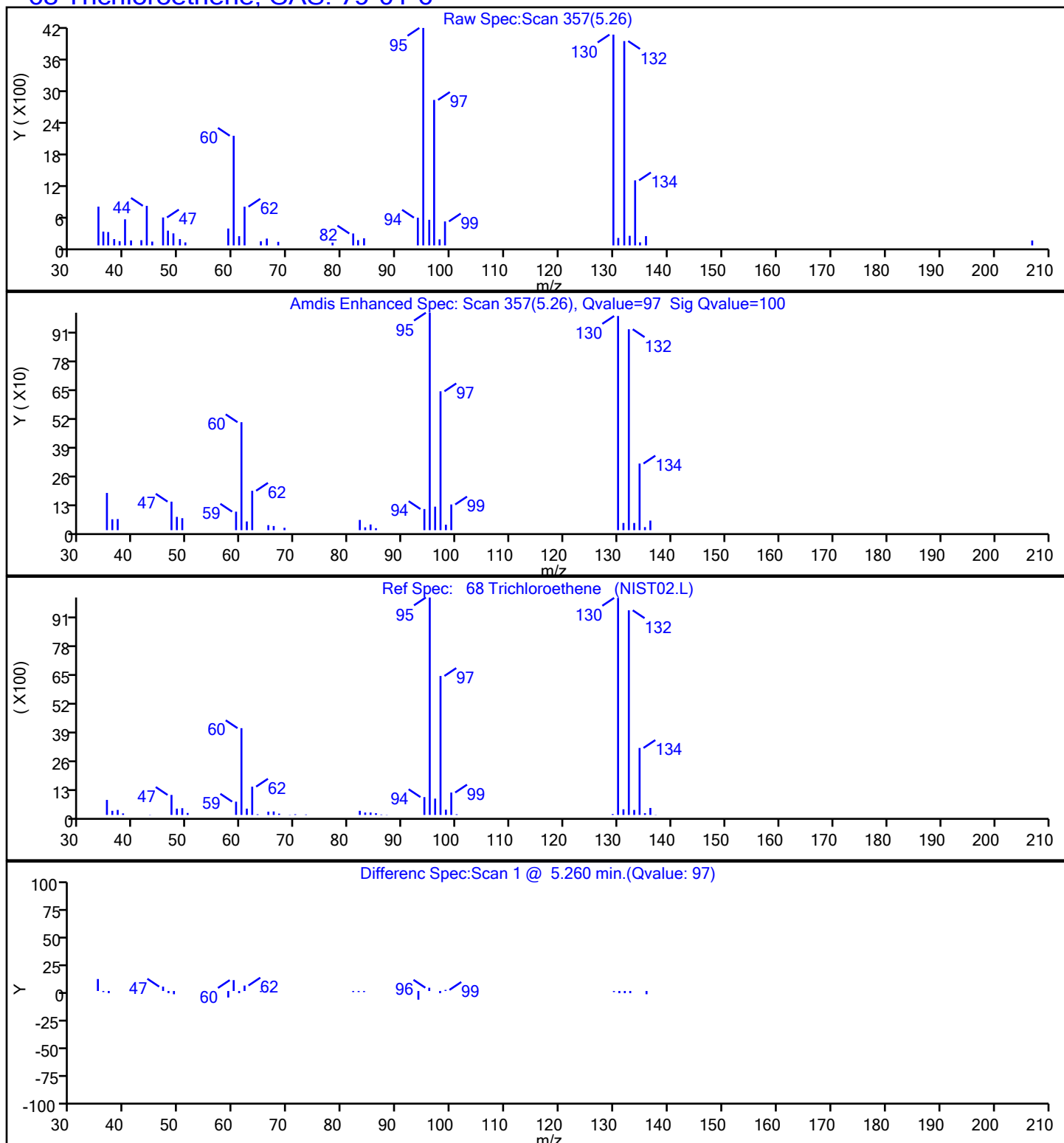
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79888.D

Injection Date: 10-Sep-2022 04:13:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-3

Lab Sample ID: 460-264899-3

Client ID: FSMW1A-083122

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

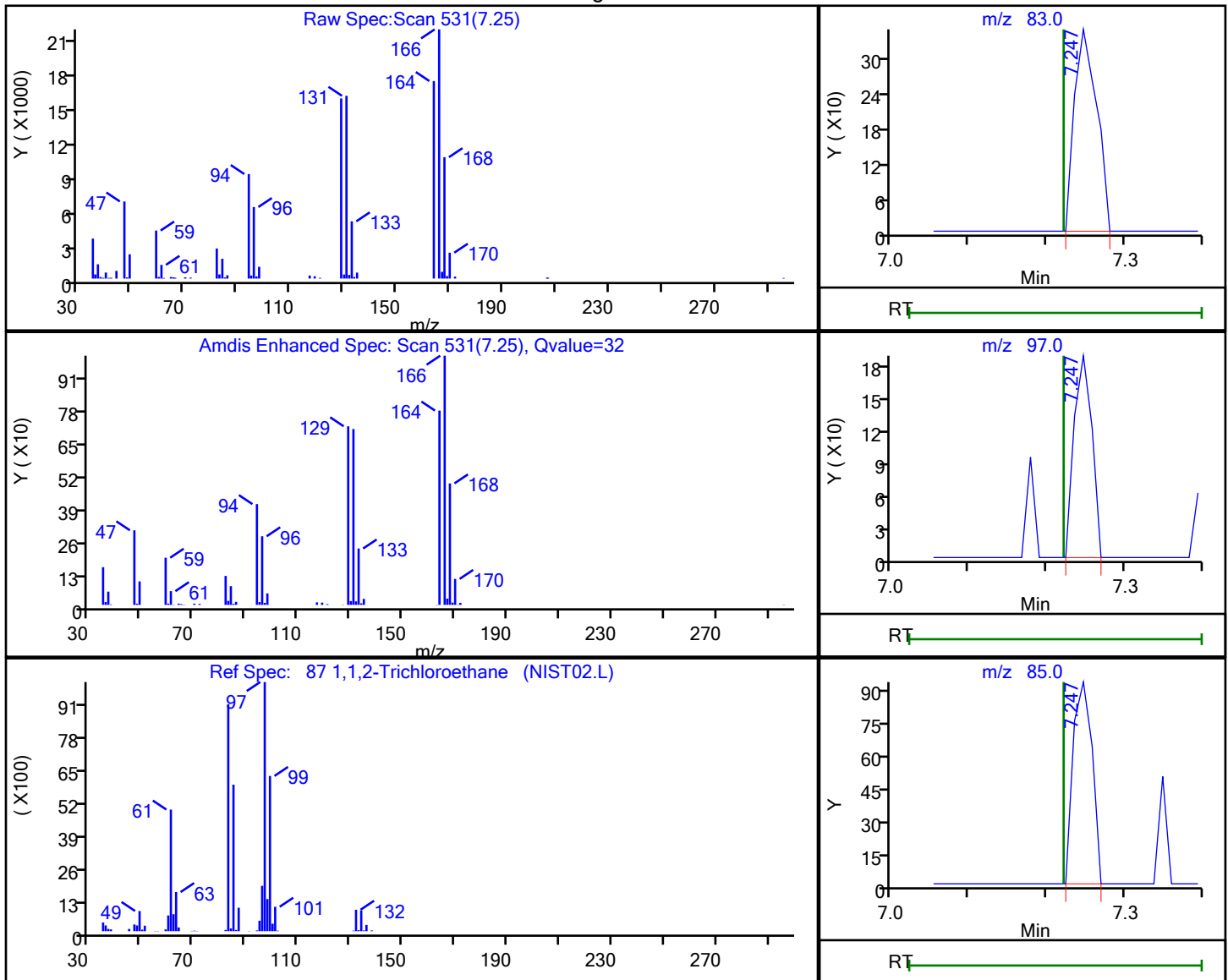
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.25	83.00	702	0.425570
7.25	97.00	290	
7.25	85.00	160	

Reviewer: RD6L, 10-Sep-2022 10:21:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: <u>LFR1-090122</u>	Lab Sample ID: <u>460-264899-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79907.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/01/2022 08:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/10/2022 13:03</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865576</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	0.20	U	1.0	0.20
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	6.6		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	14		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	130		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.29	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	16		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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: LFR1-090122 Lab Sample ID: 460-264899-4
Matrix: Water Lab File ID: J79907.D
Analysis Method: 8260D Date Collected: 09/01/2022 08:45
Sample wt/vol: 5 (mL) Date Analyzed: 09/10/2022 13:03
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865576 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
2037-26-5	Toluene-d8 (Surr)	95		80-120
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D
 Lims ID: 460-264899-B-4
 Client ID: LFR1-090122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 13:03:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-B-4
 Misc. Info.: 460-0150210-013
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:54:31 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:26:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.507	2.497	0.010	82	4350	6.57	
* 30 TBA-d9 (IS)	65	2.827	2.828	-0.001	75	176550	1000.0	
34 trans-1,2-Dichloroethene	96	2.998	2.999	-0.001	97	579	0.2902	
* 43 2-Butanone-d5	46	3.854	3.855	-0.001	86	276441	250.0	
44 cis-1,2-Dichloroethene	96	3.889	3.878	0.011	93	30713	14.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.311	4.312	-0.001	96	106044	53.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.654	4.643	0.011	0	131643	50.8	
* 66 Fluorobenzene	96	4.916	4.917	-0.001	98	444768	50.0	
68 Trichloroethene	95	5.259	5.260	-0.001	97	34192	16.3	
* 72 1,4-Dioxane-d8	96	5.624	5.625	-0.001	0	20686	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.560	6.561	-0.001	98	350817	47.4	
88 Tetrachloroethene	166	7.245	7.246	-0.001	97	241840	126.8	
* 94 Chlorobenzene-d5	117	8.353	8.354	-0.001	88	339077	50.0	
\$ 105 4-Bromofluorobenzene	174	9.780	9.781	-0.001	96	118336	51.2	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.717	0.010	95	196953	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D

Injection Date: 10-Sep-2022 13:03:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264899-B-4

Lab Sample ID: 460-264899-4

Worklist Smp#: 13

Client ID: LFR1-090122

Purge Vol: 5.000 mL

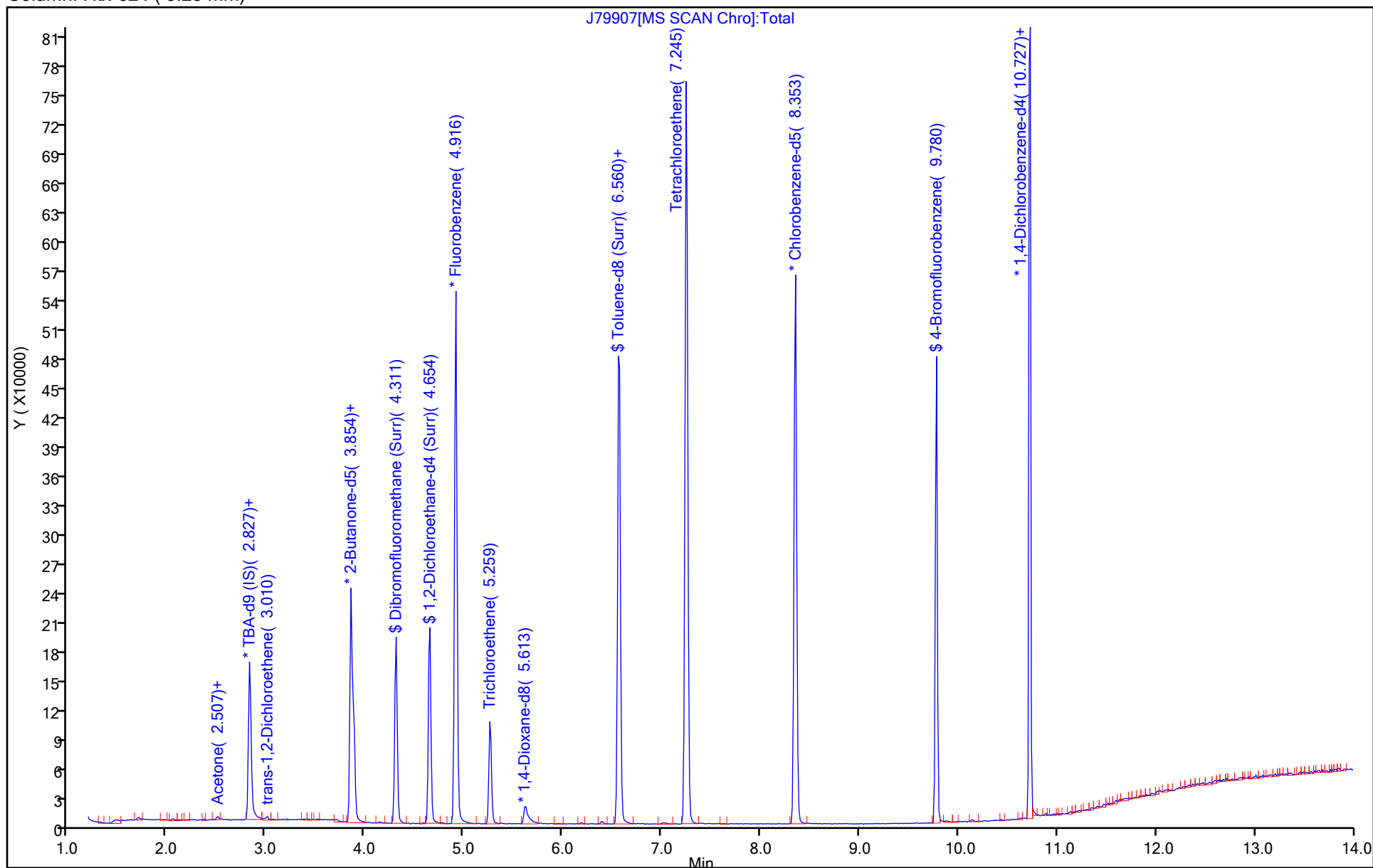
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D
 Lims ID: 460-264899-B-4
 Client ID: LFR1-090122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 13:03:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-B-4
 Misc. Info.: 460-0150210-013
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:54:31 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:26:16

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.5	106.95
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	50.8	101.59
\$ 83 Toluene-d8 (Surr)	50.0	47.4	94.87
\$ 105 4-Bromofluorobenzene	50.0	51.2	102.42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D

Injection Date: 10-Sep-2022 13:03:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-B-4

Lab Sample ID: 460-264899-4

Client ID: LFR1-090122

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

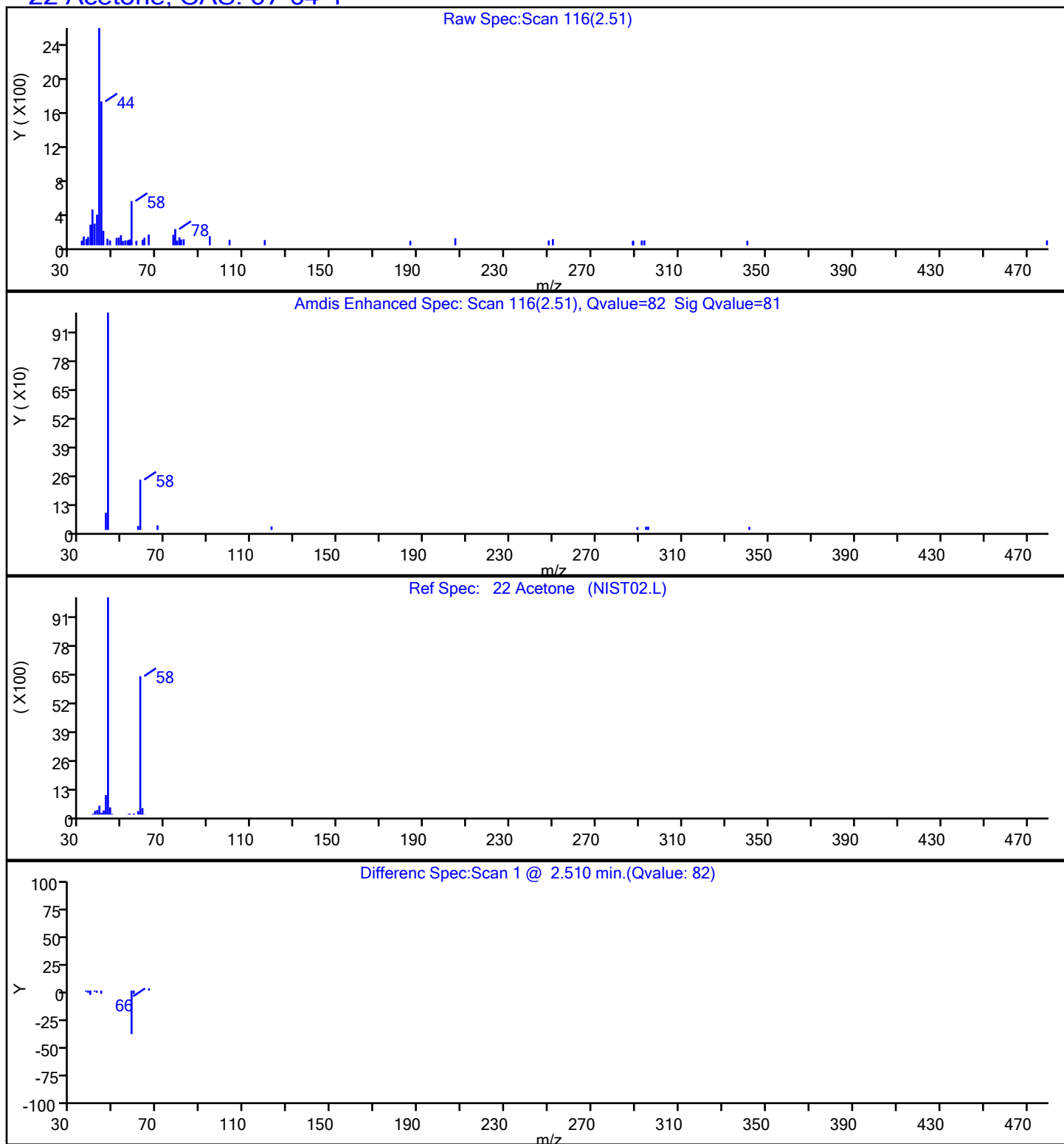
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D

Injection Date: 10-Sep-2022 13:03:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-B-4

Lab Sample ID: 460-264899-4

Client ID: LFR1-090122

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

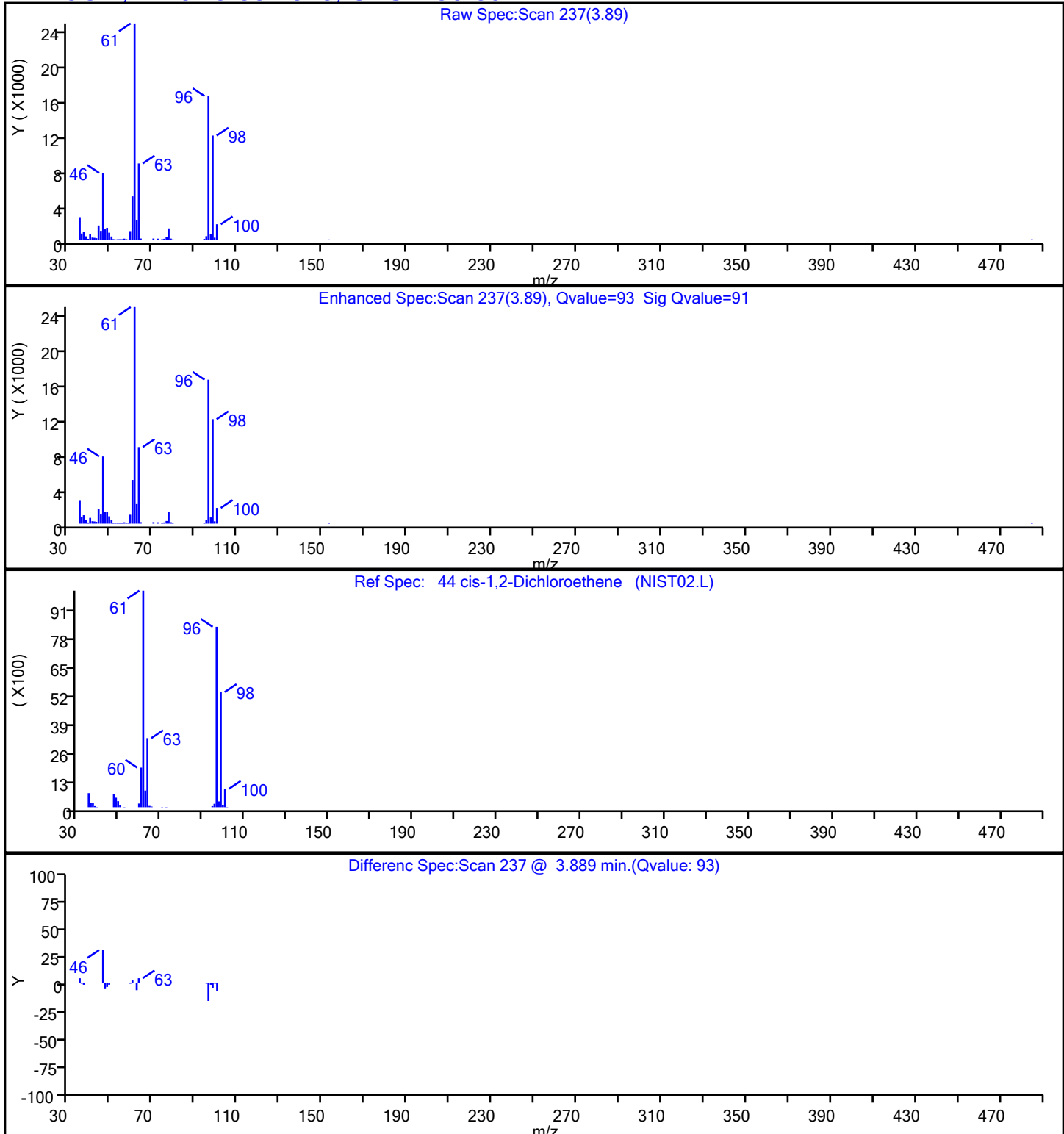
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D

Injection Date: 10-Sep-2022 13:03:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-B-4

Lab Sample ID: 460-264899-4

Client ID: LFR1-090122

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

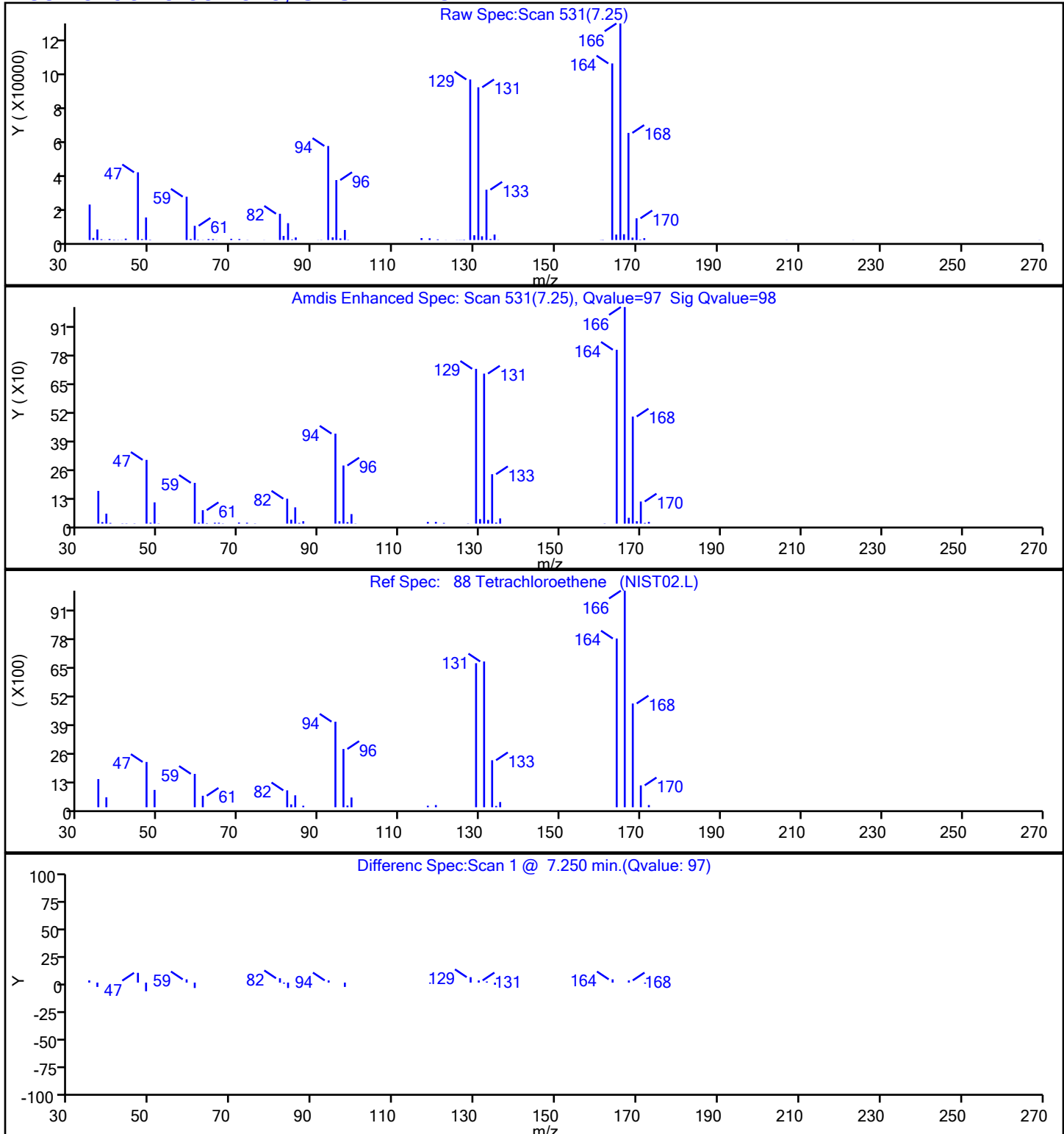
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D

Injection Date: 10-Sep-2022 13:03:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-B-4

Lab Sample ID: 460-264899-4

Client ID: LFR1-090122

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

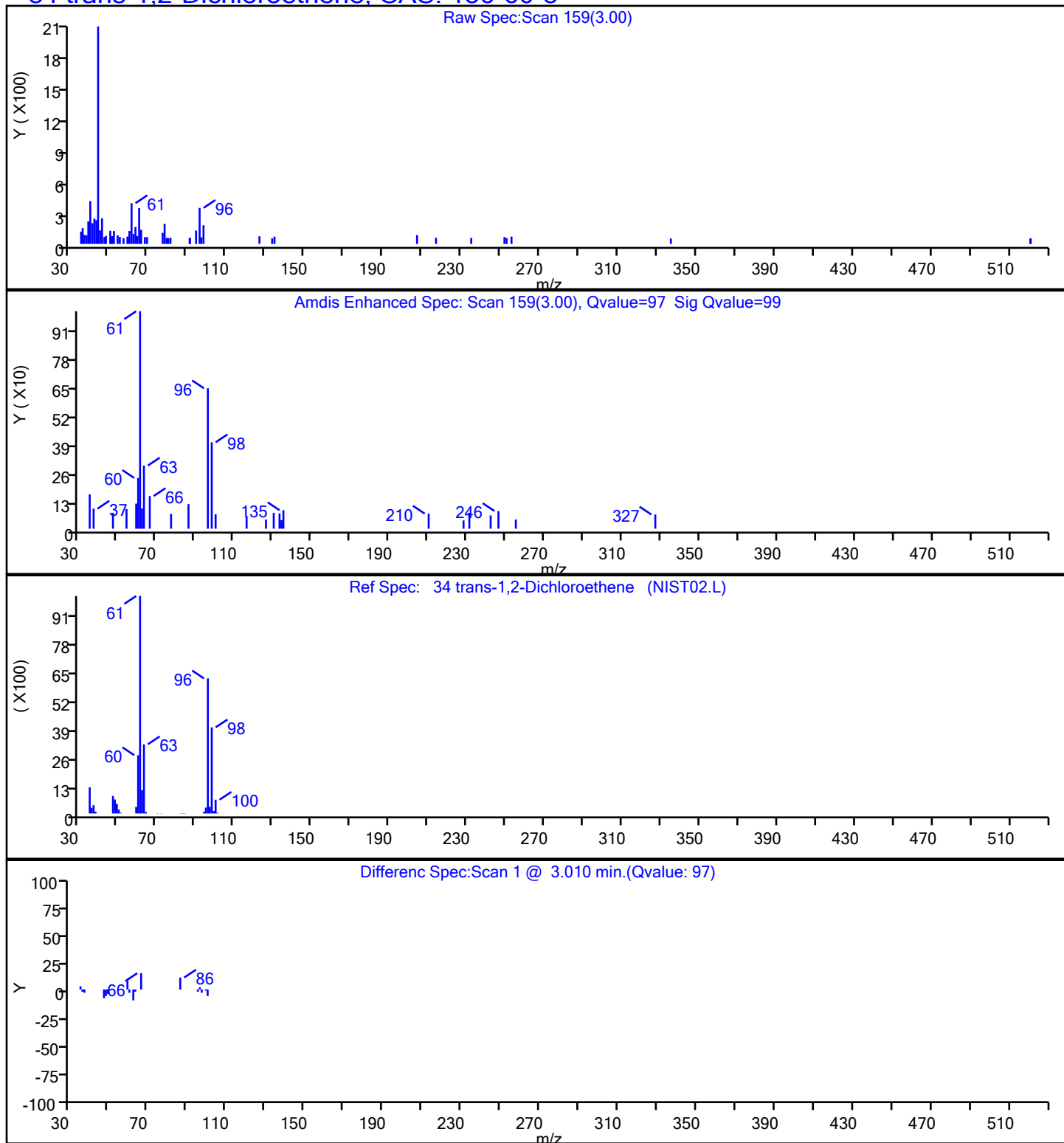
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D

Injection Date: 10-Sep-2022 13:03:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-B-4

Lab Sample ID: 460-264899-4

Client ID: LFR1-090122

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

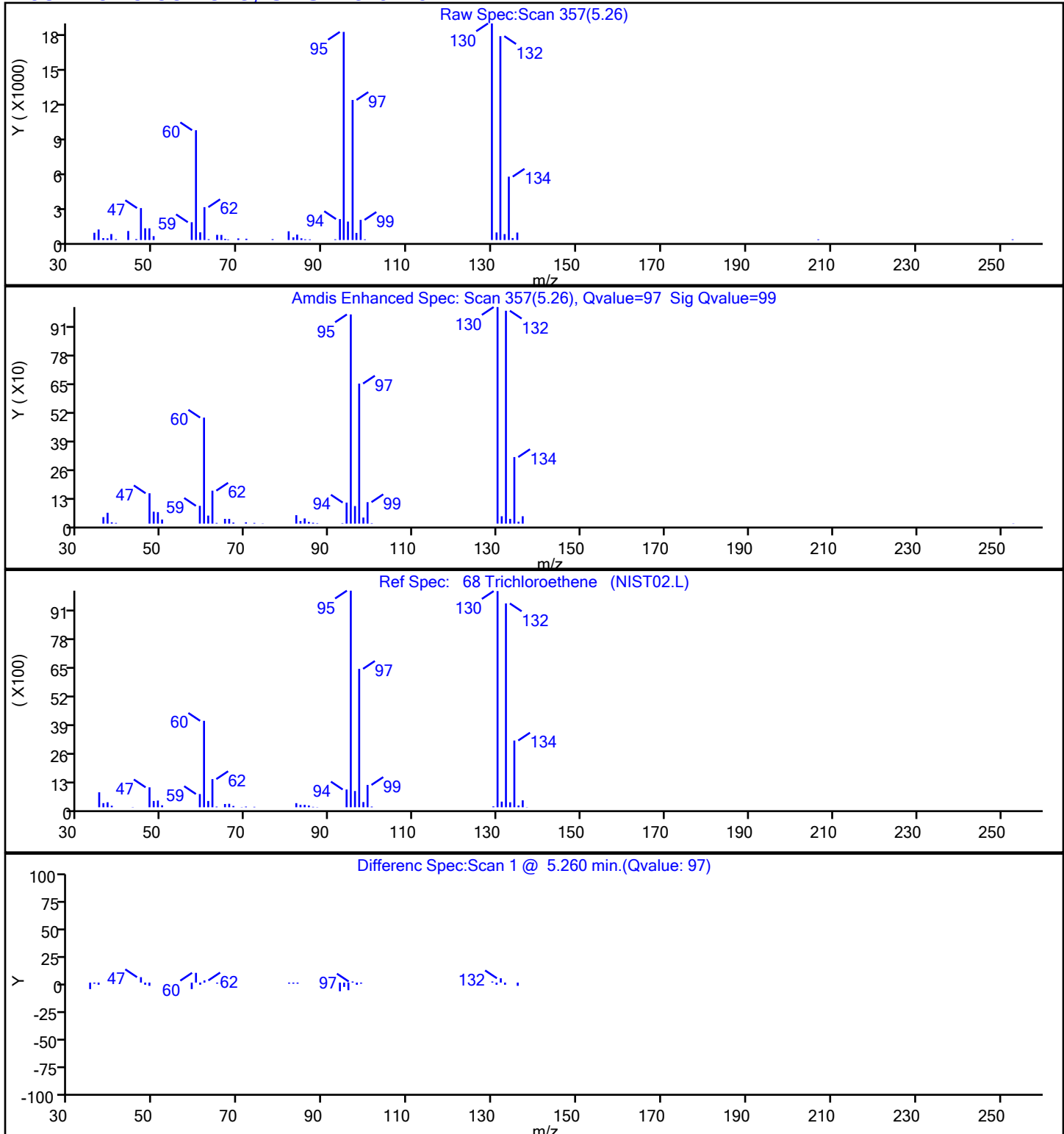
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79907.D

Injection Date: 10-Sep-2022 13:03:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-B-4

Lab Sample ID: 460-264899-4

Client ID: LFR1-090122

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

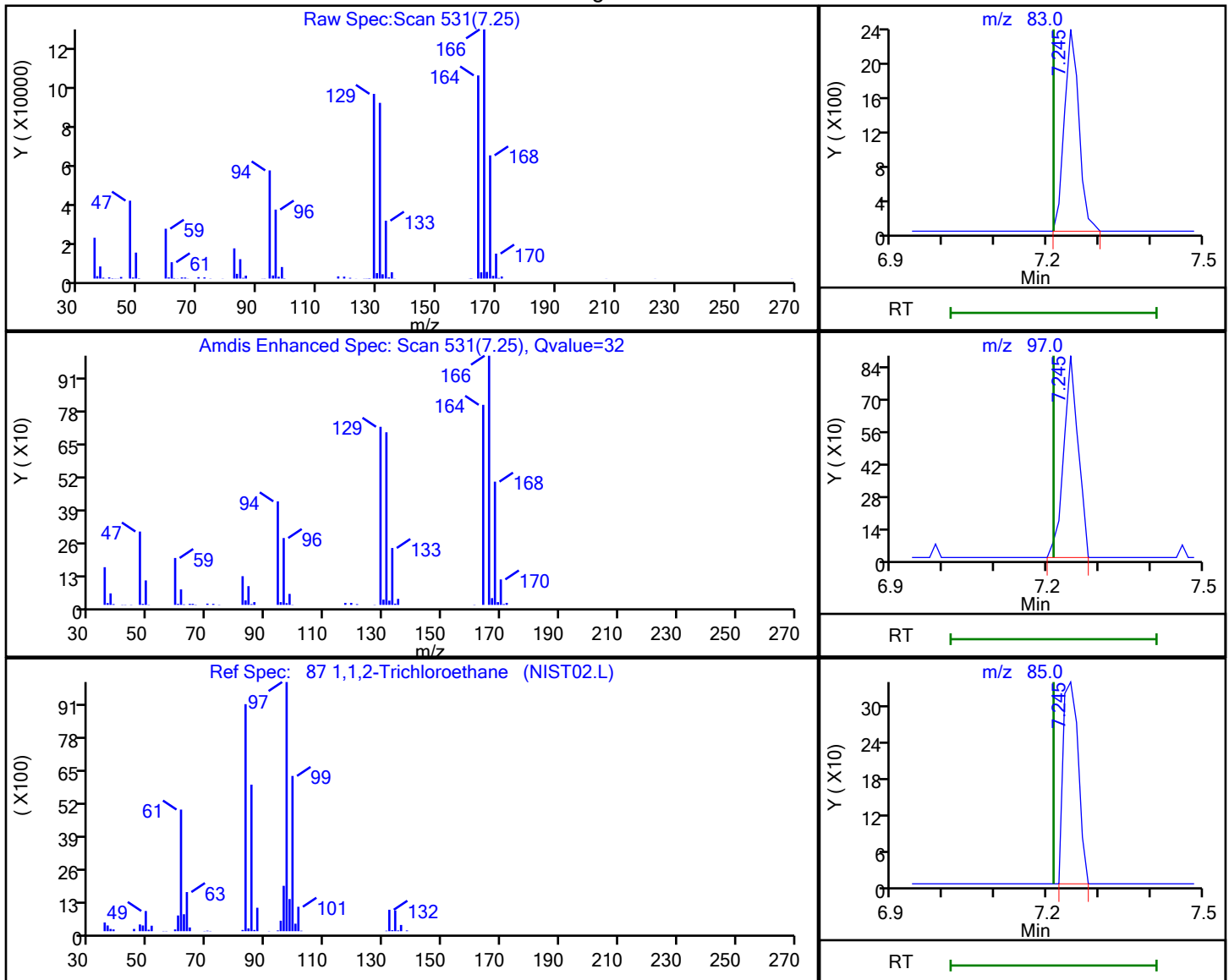
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.25	83.00	4542	2.603771
7.25	97.00	1723	
7.25	85.00	678	

Reviewer: RD6L, 10-Sep-2022 13:24:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: <u>EB02-090122</u>	Lab Sample ID: <u>460-264899-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79876.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/01/2022 09:05</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 23:12</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865501</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	0.20	U	1.0	0.20
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	0.22	U	1.0	0.22
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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: EB02-090122 Lab Sample ID: 460-264899-5
Matrix: Water Lab File ID: J79876.D
Analysis Method: 8260D Date Collected: 09/01/2022 09:05
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 23:12
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865501 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
2037-26-5	Toluene-d8 (Surr)	96		80-120
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79876.D
 Lims ID: 460-264899-A-5
 Client ID: EB02-090122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 23:12:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-5
 Misc. Info.: 460-0150196-014
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 23:57:01 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 23:57:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.826	2.837	-0.011	75	168092	1000.0	
* 43 2-Butanone-d5	46	3.854	3.865	-0.011	86	255767	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.310	4.310	0.000	96	108792	53.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.653	4.652	0.001	0	130593	49.5	
* 66 Fluorobenzene	96	4.915	4.926	-0.011	98	452329	50.0	
* 72 1,4-Dioxane-d8	96	5.623	5.623	0.000	0	18694	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.571	6.570	0.001	98	356081	47.9	
* 94 Chlorobenzene-d5	117	8.352	8.363	-0.011	88	340552	50.0	
\$ 105 4-Bromofluorobenzene	174	9.779	9.779	0.000	94	120590	52.0	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.726	0.001	95	197557	50.0	

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79876.D

Injection Date: 09-Sep-2022 23:12:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264899-A-5

Lab Sample ID: 460-264899-5

Worklist Smp#: 14

Client ID: EB02-090122

Purge Vol: 5.000 mL

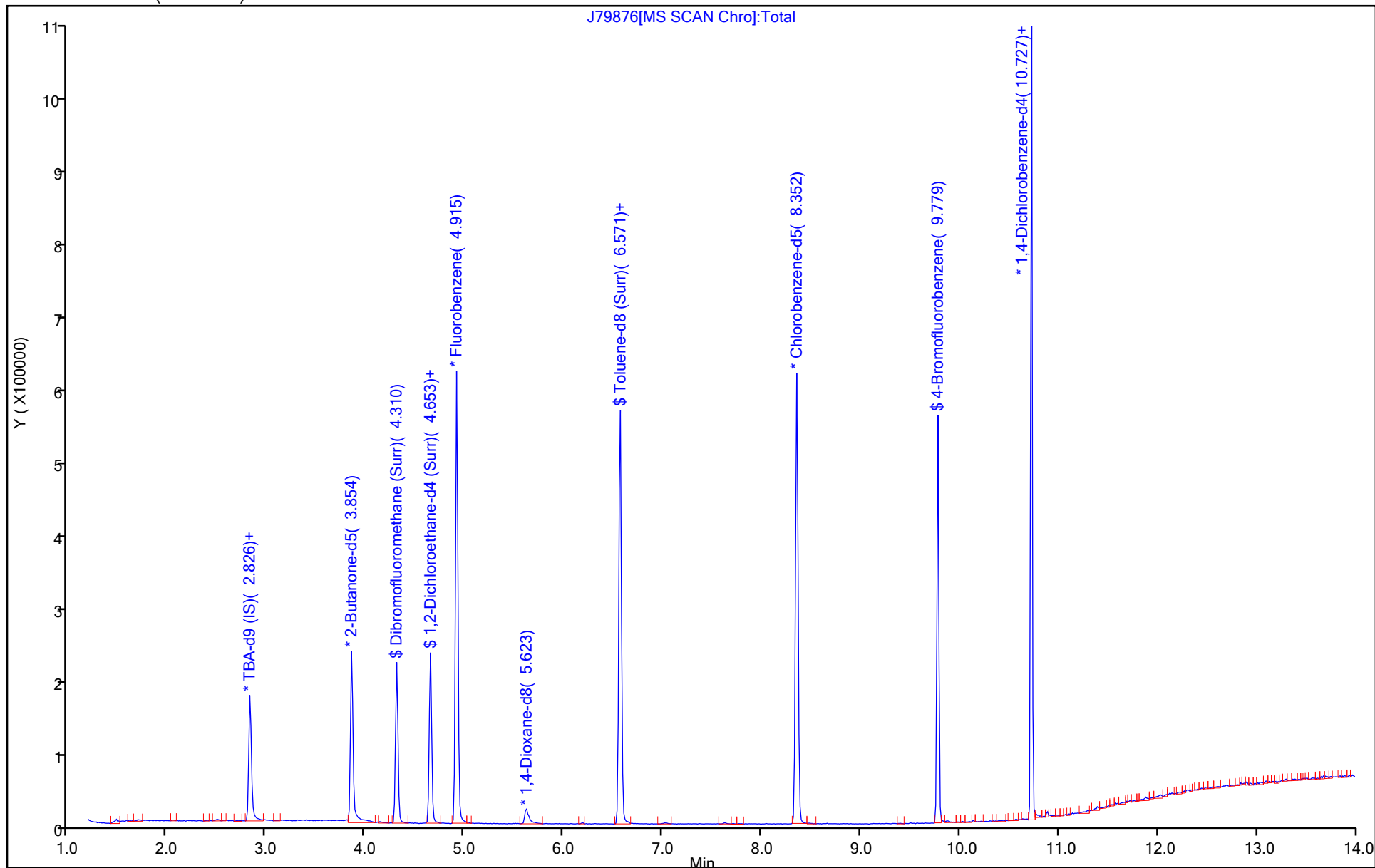
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79876.D
 Lims ID: 460-264899-A-5
 Client ID: EB02-090122
 Sample Type: Client
 Inject. Date: 09-Sep-2022 23:12:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-5
 Misc. Info.: 460-0150196-014
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 23:57:01 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 23:57:01

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.9	107.89
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.5	99.10
\$ 83 Toluene-d8 (Surr)	50.0	47.9	95.87
\$ 105 4-Bromofluorobenzene	50.0	52.0	103.92

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79876.D

Injection Date: 09-Sep-2022 23:12:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-5

Lab Sample ID: 460-264899-5

Client ID: EB02-090122

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

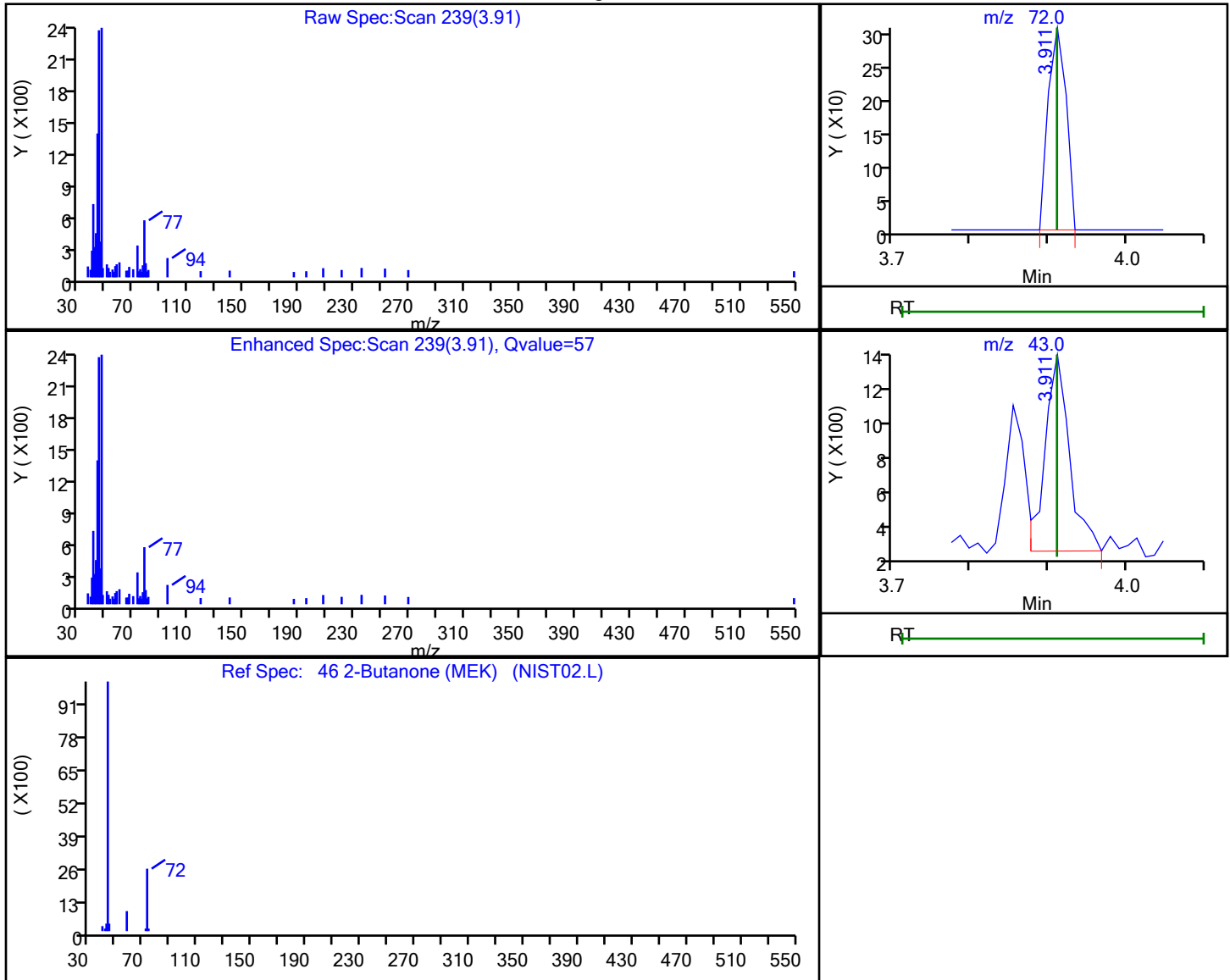
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.91	72.00	487	2.617512
3.91	43.00	2487	

Reviewer: HVW2, 09-Sep-2022 23:56:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: <u>FSMW3A-090122</u>	Lab Sample ID: <u>460-264899-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79908.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/01/2022 09:16</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/10/2022 13:28</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865576</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	0.20	U	1.0	0.20
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	9.3		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	47		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	0.22	U	1.0	0.22
79-01-6	Trichloroethene	9.6		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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: FSMW3A-090122 Lab Sample ID: 460-264899-6
Matrix: Water Lab File ID: J79908.D
Analysis Method: 8260D Date Collected: 09/01/2022 09:16
Sample wt/vol: 5 (mL) Date Analyzed: 09/10/2022 13:28
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865576 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
2037-26-5	Toluene-d8 (Surr)	95		80-120
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79908.D
 Lims ID: 460-264899-A-6
 Client ID: FSMW3A-090122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 13:28:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-6
 Misc. Info.: 460-0150210-014
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:54:31 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 14:28:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.826	2.828	-0.002	75	184646	1000.0	
* 43 2-Butanone-d5	46	3.854	3.855	-0.001	85	275893	250.0	
44 cis-1,2-Dichloroethene	96	3.888	3.878	0.010	94	19731	9.28	
\$ 55 Dibromofluoromethane (Surr)	113	4.311	4.312	-0.001	96	106147	53.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.653	4.643	0.010	0	127226	49.2	
* 66 Fluorobenzene	96	4.916	4.917	-0.001	98	443914	50.0	
68 Trichloroethene	95	5.258	5.260	-0.002	96	20048	9.60	
* 72 1,4-Dioxane-d8	96	5.612	5.625	-0.013	0	20523	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.571	6.561	0.010	99	348394	47.3	
88 Tetrachloroethene	166	7.245	7.246	-0.001	97	88426	46.5	
* 94 Chlorobenzene-d5	117	8.352	8.354	-0.002	88	338027	50.0	
\$ 105 4-Bromofluorobenzene	174	9.779	9.781	-0.002	96	121041	52.5	
* 121 1,4-Dichlorobenzene-d4	152	10.727	10.717	0.010	95	194812	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79908.D

Injection Date: 10-Sep-2022 13:28:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264899-A-6

Lab Sample ID: 460-264899-6

Worklist Smp#: 14

Client ID: FSMW3A-090122

Purge Vol: 5.000 mL

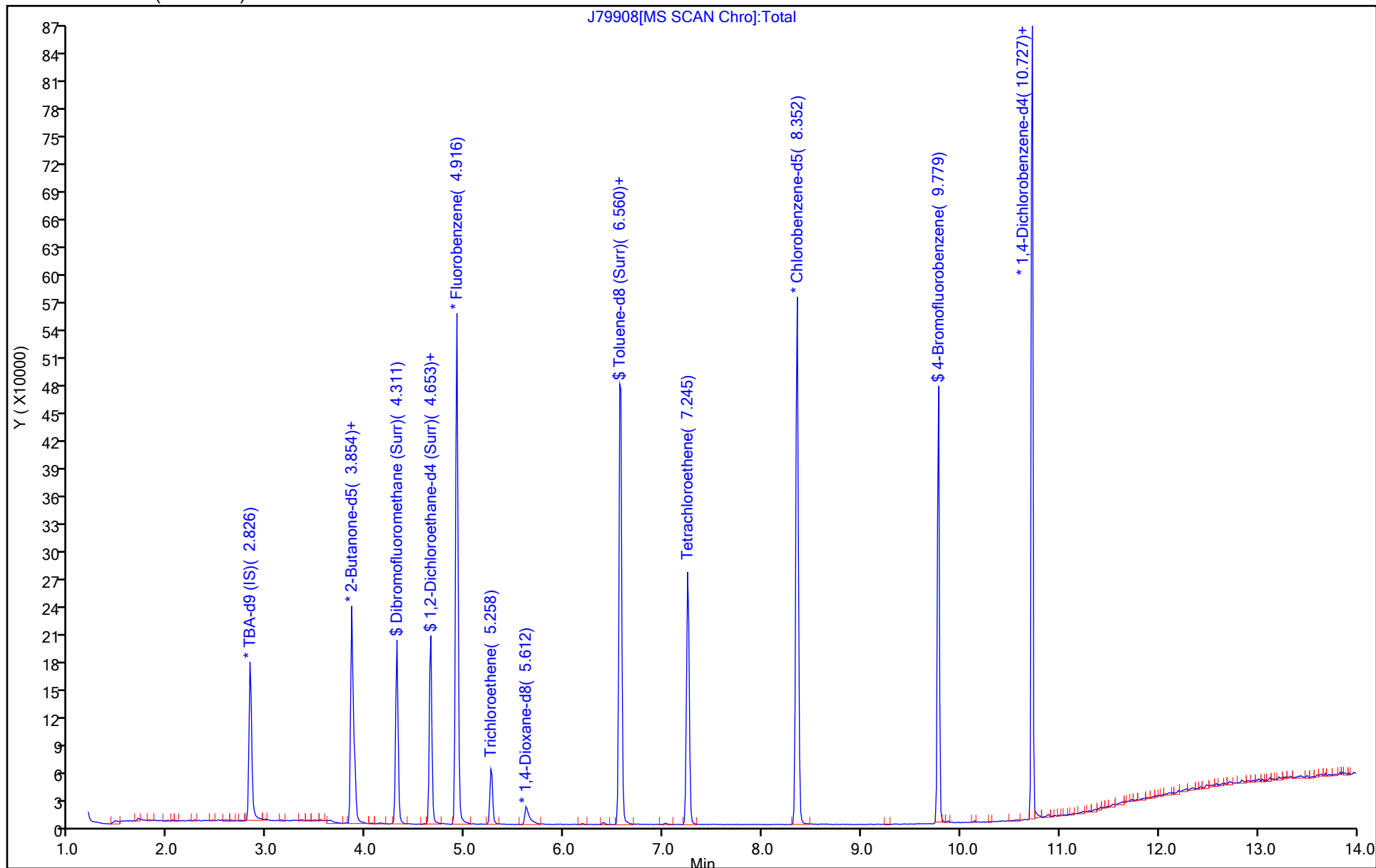
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79908.D
 Lims ID: 460-264899-A-6
 Client ID: FSMW3A-090122
 Sample Type: Client
 Inject. Date: 10-Sep-2022 13:28:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-6
 Misc. Info.: 460-0150210-014
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:54:31 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 14:28:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.6	107.26
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.2	98.37
\$ 83 Toluene-d8 (Surr)	50.0	47.3	94.51
\$ 105 4-Bromofluorobenzene	50.0	52.5	105.08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79908.D

Injection Date: 10-Sep-2022 13:28:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-6

Lab Sample ID: 460-264899-6

Client ID: FSMW3A-090122

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

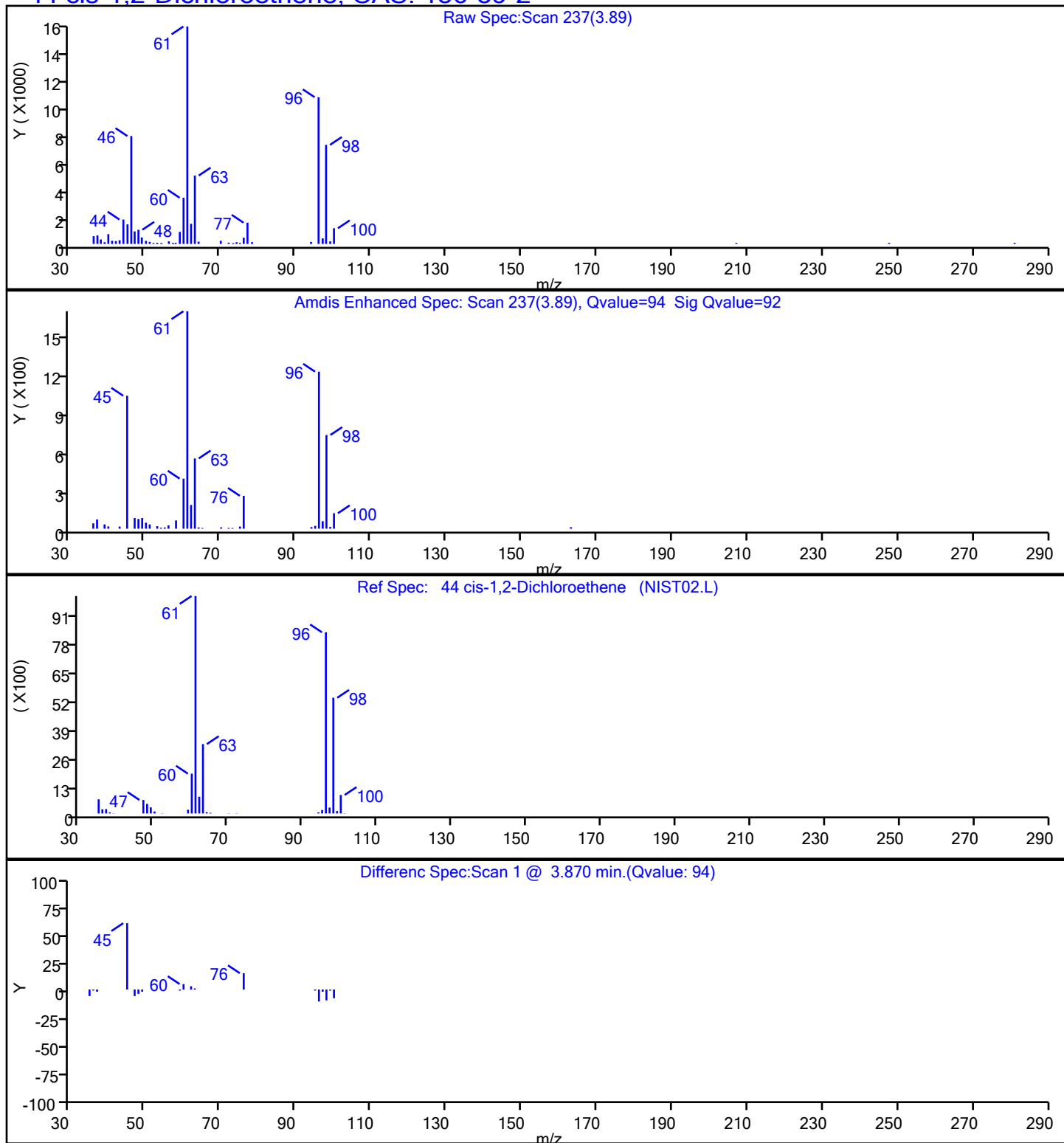
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79908.D

Injection Date: 10-Sep-2022 13:28:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-6

Lab Sample ID: 460-264899-6

Client ID: FSMW3A-090122

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

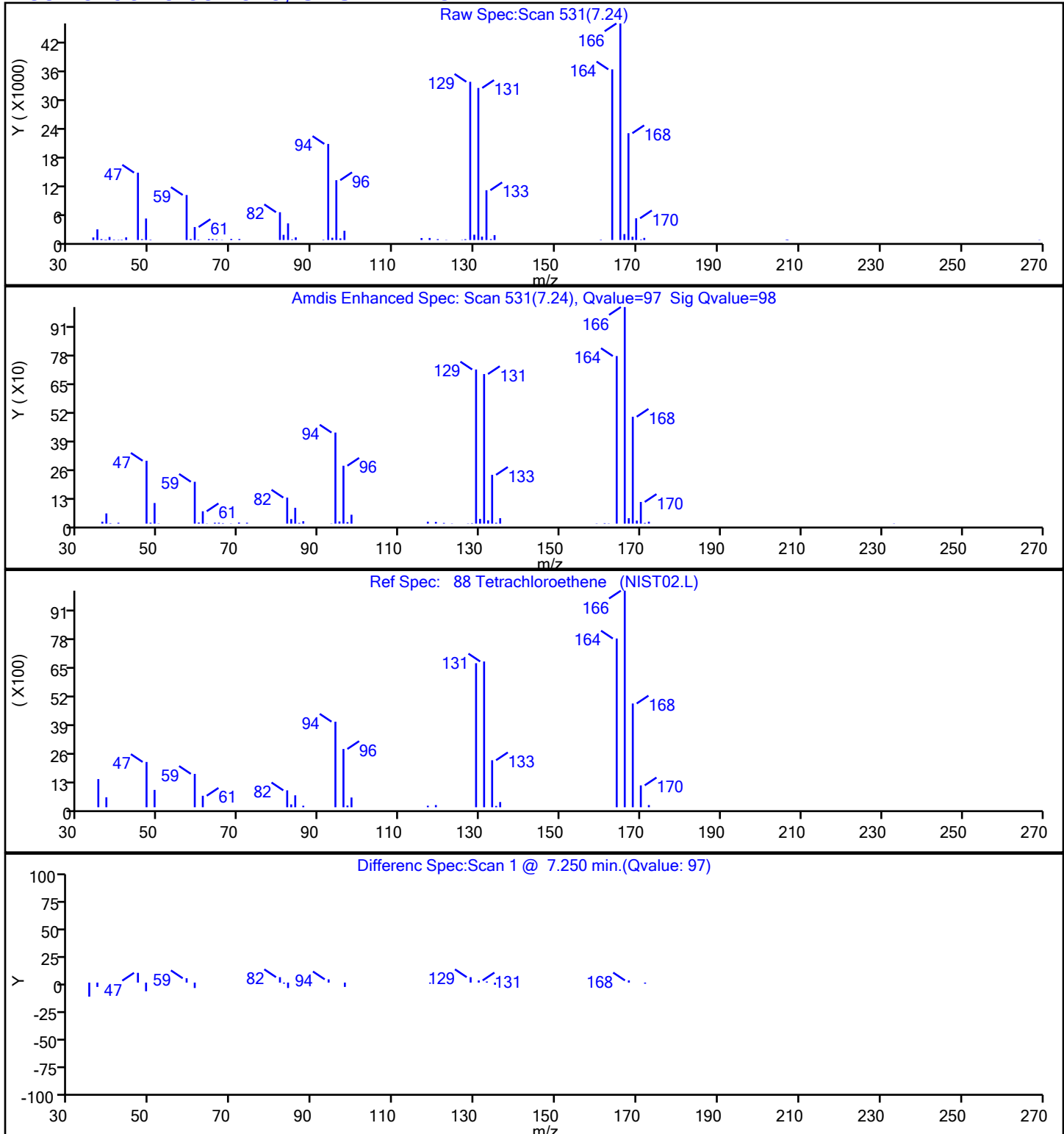
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79908.D

Injection Date: 10-Sep-2022 13:28:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-6

Lab Sample ID: 460-264899-6

Client ID: FSMW3A-090122

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

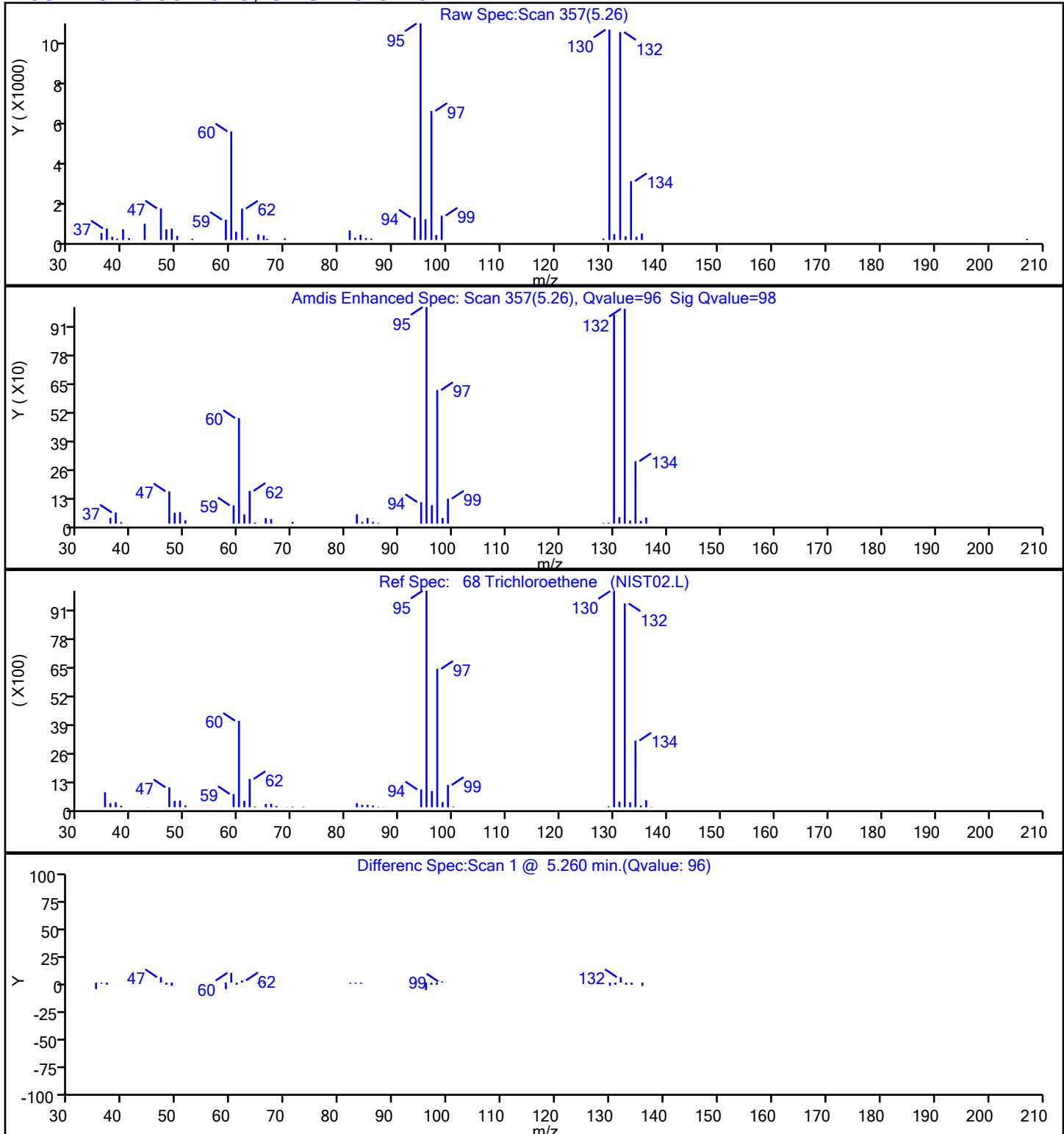
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Trichloroethene, CAS: 79-01-6

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79908.D

Injection Date: 10-Sep-2022 13:28:30

Instrument ID: CVOAMS8

Lims ID: 460-264899-A-6

Lab Sample ID: 460-264899-6

Client ID: FSMW3A-090122

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

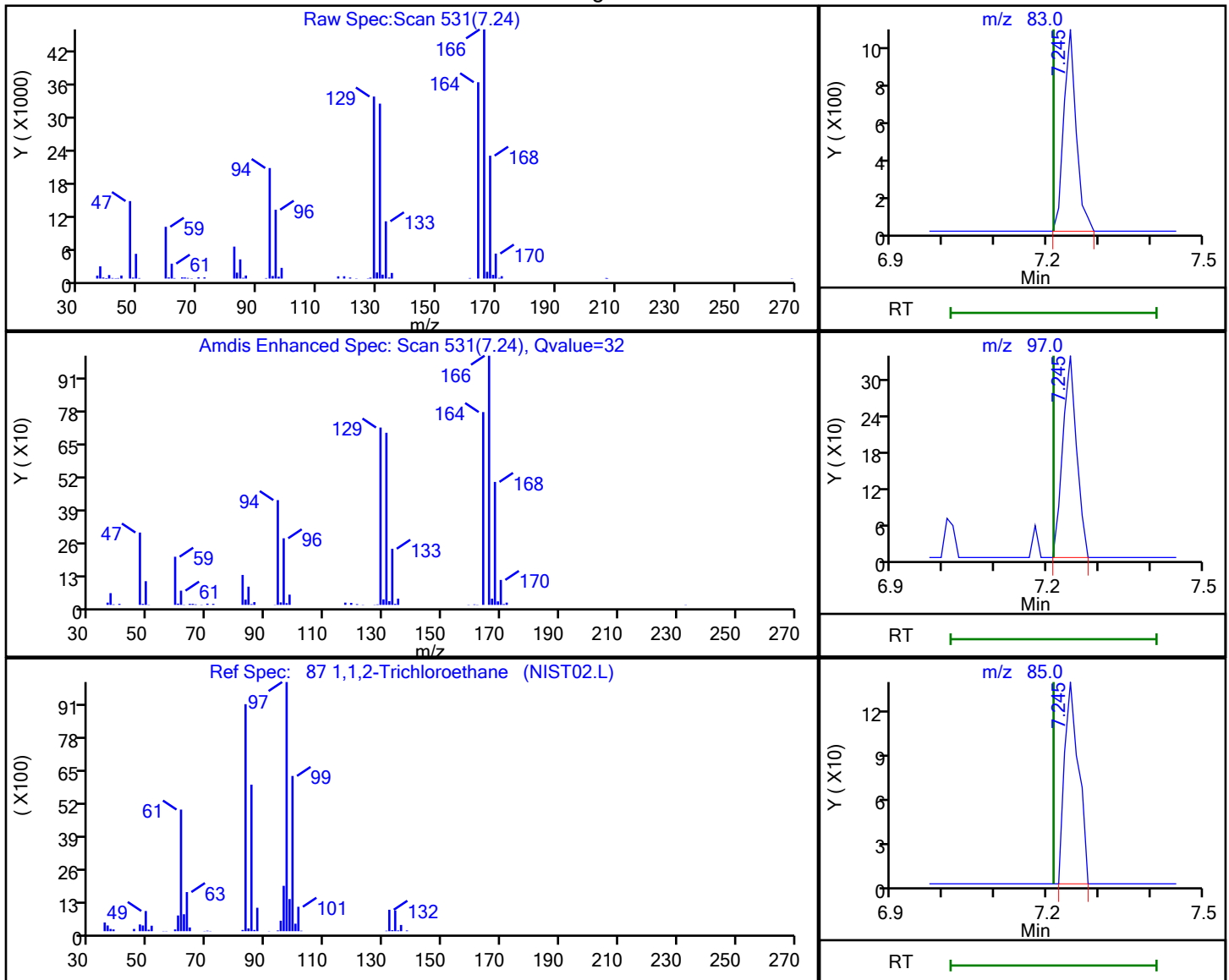
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.24	83.00	1807	1.039108
7.24	97.00	625	
7.24	85.00	250	

Reviewer: RD6L, 10-Sep-2022 14:28:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: <u>TRIP BLANK</u>	Lab Sample ID: <u>460-264899-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79875.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>09/01/2022 09:16</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 22:47</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865501</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	0.20	U	1.0	0.20
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	0.22	U	1.0	0.22
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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: TRIP BLANK Lab Sample ID: 460-264899-7
Matrix: Water Lab File ID: J79875.D
Analysis Method: 8260D Date Collected: 09/01/2022 09:16
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 22:47
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865501 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
2037-26-5	Toluene-d8 (Surr)	96		80-120
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79875.D
 Lims ID: 460-264899-A-7
 Client ID: TRIP BLANK
 Sample Type: Client
 Inject. Date: 09-Sep-2022 22:47:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-264899-A-7
 Misc. Info.: 460-0150196-013
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 23:55:51 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 23:56:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.828	2.837	-0.009	75	169151	1000.0	
* 43 2-Butanone-d5	46	3.856	3.865	-0.009	86	263237	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.313	4.310	0.003	95	110770	54.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.655	4.652	0.003	0	132038	49.5	
* 66 Fluorobenzene	96	4.918	4.926	-0.008	98	457425	50.0	
* 72 1,4-Dioxane-d8	96	5.614	5.623	-0.009	0	20129	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.573	6.570	0.003	98	365513	48.2	
* 94 Chlorobenzene-d5	117	8.354	8.363	-0.009	88	347440	50.0	
\$ 105 4-Bromofluorobenzene	174	9.781	9.779	0.002	95	122867	51.9	
* 121 1,4-Dichlorobenzene-d4	152	10.729	10.726	0.003	95	196481	50.0	

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79875.D

Injection Date: 09-Sep-2022 22:47:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-264899-A-7

Lab Sample ID: 460-264899-7

Worklist Smp#: 13

Client ID: TRIP BLANK

Purge Vol: 5.000 mL

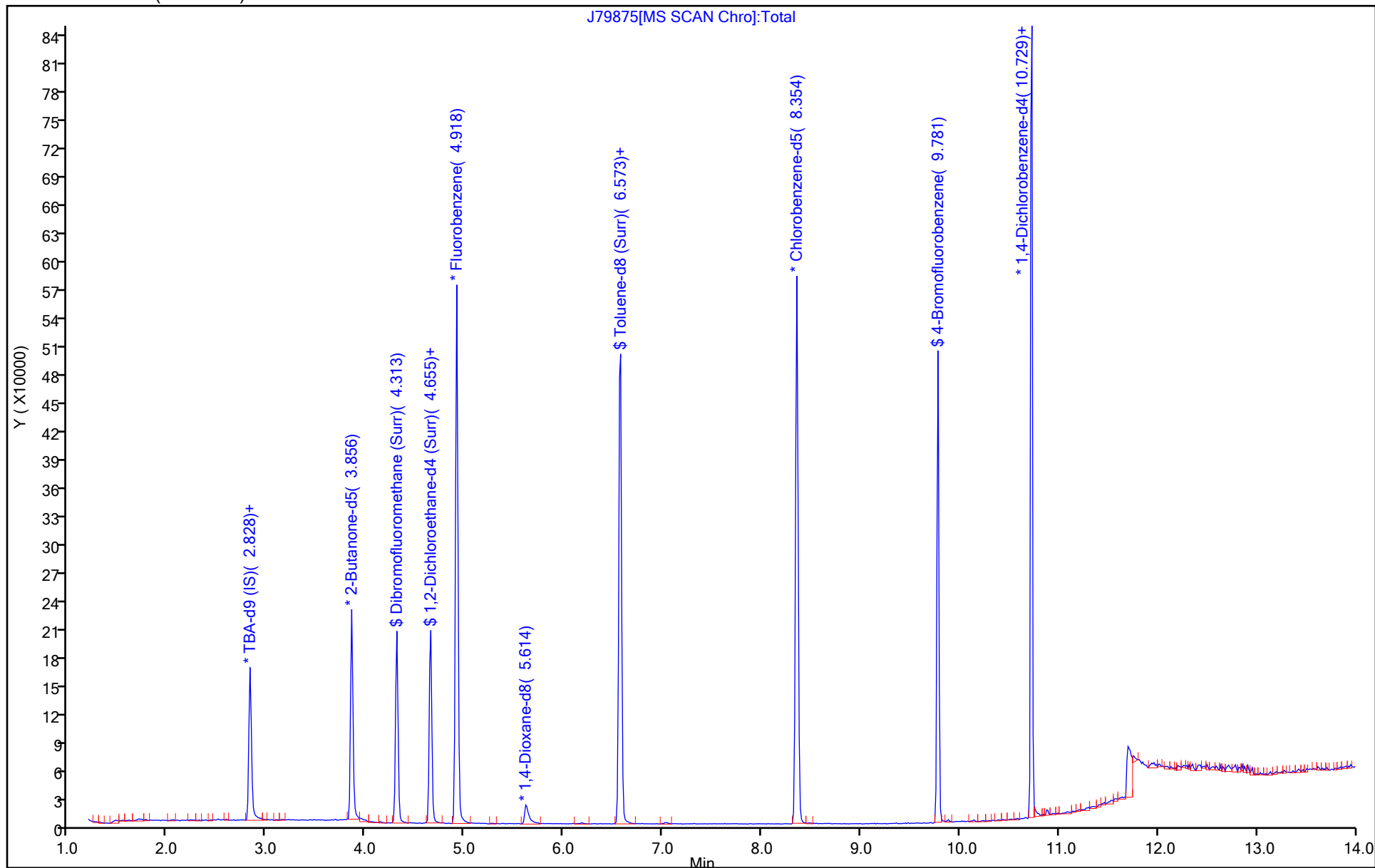
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79875.D
Lims ID: 460-264899-A-7
Client ID: TRIP BLANK
Sample Type: Client
Inject. Date: 09-Sep-2022 22:47:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-264899-A-7
Misc. Info.: 460-0150196-013
Operator ID: Instrument ID: CVOAMS8
Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Sep-2022 23:55:51 Calib Date: 31-Aug-2022 15:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 23:56:47

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.3	108.63
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.5	99.08
\$ 83 Toluene-d8 (Surr)	50.0	48.2	96.46
\$ 105 4-Bromofluorobenzene	50.0	51.9	103.78

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-864088/3	J79478.D
Level 2	STD1 460-864088/4	J79479.D
Level 3	STD5 460-864088/5	J79480.D
Level 4	STD20 460-864088/6	J79481.D
Level 5	STD50 460-864088/7	J79482.D
Level 6	STD200 460-864088/8	J79483.D
Level 7	STD500 460-864088/9	J79484.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	+++++ 0.0272	0.0206 0.0269	0.0194	0.0234	0.0255	Ave		0.023 8				13.8		20.0			
Dichlorodifluoromethane	+++++ 0.3782	0.3371 0.3700	0.2786	0.3166	0.3288	Ave		0.334 9			0.1000	10.9		20.0			
Chlorodifluoromethane	+++++ 0.0493	0.0611 0.0483	0.0445	0.0500	0.0527	Ave		0.051 0				11.1		20.0			
Chloromethane	+++++ 0.4454	0.5241 0.4568	0.3909	0.4180	0.4308	Ave		0.444 3			0.1000	10.2		20.0			
Vinyl chloride	+++++ 0.3330	0.3691 0.3296	0.2866	0.3151	0.3254	Ave		0.326 5			0.1000	8.2		20.0			
Butadiene	0.3398 0.3445	0.3894 0.3403	0.2879	0.3104	0.3198	Ave		0.333 2				9.6		20.0			
Bromomethane	+++++ 0.1541	0.1675 0.1617	0.1155	0.1324	0.1354	Ave		0.144 4			0.1000	13.8		20.0			
Chloroethane	+++++ 0.1775	0.1397 0.1724	0.1596	0.1720	0.1808	Ave		0.167 0			0.1000	9.1		20.0			
Dichlorofluoromethane	+++++ 0.4967	0.5611 0.4897	0.4640	0.5023	0.5143	Ave		0.504 7				6.4		20.0			
Trichlorofluoromethane	+++++ 0.3622	0.3633 0.3579	0.3237	0.3544	0.3583	Ave		0.353 3			0.1000	4.2		20.0			
Pentane	+++++ 0.4550	0.4701 0.4173	0.4092	0.4770	0.4822	Ave		0.451 8				6.9		20.0			
Ethanol	+++++ 0.0380	0.0455 0.0415	0.0423	0.0391	0.0461	Ave		0.042 1				7.8		20.0			
Ethyl ether	+++++ 0.2119	0.1873 0.2032	0.1752	0.2118	0.2163	Ave		0.200 9				8.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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-Methyl-1,3-butadiene	++++ 0.2617	0.2644 0.2527	0.2126	0.2587	0.2689	Ave		0.253 2				8.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.1670	0.1597 0.1436	0.1465	0.1659	0.1630	Ave		0.157 6				6.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.3373	0.3266 0.3435	0.2923	0.3178	0.3438	Ave		0.326 9				6.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2176	0.2128 0.2097	0.1920	0.2239	0.2310	Ave		0.214 5		0.1000		6.3		20.0			
Acrolein	++++ 1.5453	2.0355 1.5656	1.4703	1.4927	1.4984	Ave		1.601 3				13.5		20.0			
1,1-Dichloroethene	++++ 0.2015	0.1825 0.2012	0.1766	0.2073	0.2087	Ave		0.196 3		0.1000		6.9		20.0			
Acetone	++++ 0.6060	0.7721 0.5802	0.5034	0.5578	0.5728	Ave		0.598 7		0.0500		15.3		20.0			
Iodomethane	++++ 0.2623	0.0525 0.2371	0.0904	0.1887	0.2252	QuaF		0.269 9	-0.000065						0.9990		0.9900
Carbon disulfide	++++ 0.8094	0.7984 0.7792	0.7110	0.8290	0.8272	Ave		0.792 4		0.1000		5.6		20.0			
Isopropyl alcohol	++++ 0.5028	0.5727 0.5416	0.4454	0.5072	0.5401	Ave		0.518 3				8.5		20.0			
3-Chloro-1-propene	++++ 0.1432	0.1500 0.1316	0.1222	0.1467	0.1419	Ave		0.139 3				7.5		20.0			
Methyl acetate	++++ 0.2179	0.2320 0.2074	0.1898	0.2196	0.2215	Ave		0.214 7		0.1000		6.8		20.0			
Cyclopentene	++++ 0.6374	0.6418 0.6032	0.5485	0.6389	0.6378	Ave		0.617 9				6.0		20.0			
Acetonitrile	++++ 1.5385	1.2389 1.5668	1.7323	1.7961	1.6025	Ave		1.579 2				12.3		20.0			
Methylene Chloride	++++ 0.2516	0.2597 0.2446	0.2361	0.2611	0.2636	Ave		0.252 8		0.1000		4.3		20.0			
2-Methyl-2-propanol	++++ 0.7438	0.7059 0.7572	0.6542	0.7099	0.7631	Ave		0.722 3				5.7		20.0			
Methyl tert-butyl ether	++++ 0.6746	0.6033 0.6464	0.5475	0.6589	0.6777	Ave		0.634 7		0.1000		8.0		20.0			
trans-1,2-Dichloroethene	++++ 0.2256	0.2372 0.2219	0.1968	0.2335	0.2309	Ave		0.224 3		0.1000		6.5		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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
Acrylonitrile	5.1021 4.5330	4.2547 4.2297	3.9860	4.6745	4.5008	Ave		4.468 7				8.1		20.0			
Hexane	++++ 0.3209	0.3435 0.3074	0.2791	0.3455	0.3503	Ave		0.324 5				8.5		20.0			
Isopropyl ether	++++ 1.0096	0.9282 0.9459	0.8378	1.0194	1.0467	Ave		0.964 6				8.0		20.0			
1,1-Dichloroethane	++++ 0.4942	0.5186 0.4758	0.4302	0.5129	0.5082	Ave		0.490 0		0.2000		6.7		20.0			
Vinyl acetate	++++ 0.6162	0.5734 0.6048	0.4971	0.5728	0.6561	Ave		0.586 7				9.1		20.0			
2-Chloro-1,3-butadiene	++++ 0.2042	0.2008 0.2050	0.1706	0.2065	0.2068	Ave		0.199 0				7.1		20.0			
tert-butyl ethyl ether	++++ 0.7868	0.6116 0.7667	0.6011	0.7631	0.7910	Ave		0.720 0				12.3		20.0			
2,2-Dichloropropane	++++ 0.1126	0.1197 0.1092	0.1083	0.1173	0.1140	Ave		0.113 5				3.9		20.0			
cis-1,2-Dichloroethene	++++ 0.2503	0.2286 0.2486	0.2107	0.2471	0.2515	Ave		0.239 5		0.1000		6.9		20.0			
2-Butanone (MEK)	++++ 0.1909	0.1859 0.1877	0.1587	0.1857	0.1822	Ave		0.181 9		0.0500		6.4		20.0			
Ethyl acetate	++++ 0.1891	0.1581 0.1891	0.1427	0.1814	0.1864	Ave		0.174 5				11.2		20.0			
Methyl acrylate	++++ 0.2234	0.2149 0.2173	0.1926	0.2224	0.2206	Ave		0.215 2				5.3		20.0			
Propionitrile	++++ 1.5629	1.4731 1.5089	1.4221	1.5958	1.5955	Ave		1.526 4				4.6		20.0			
Chlorobromomethane	++++ 0.1172	0.1118 0.1130	0.1092	0.1227	0.1195	Ave		0.115 6				4.4		20.0			
Tetrahydrofuran	++++ 0.2029	0.1665 0.1981	0.1754	0.1983	0.2086	Ave		0.191 6				8.7		20.0			
Methacrylonitrile	++++ 0.1051	0.0838 0.1010	0.0831	0.1004	0.1036	Ave		0.096 2				10.4		20.0			
Chloroform	++++ 0.4360	0.4010 0.4359	0.3758	0.4418	0.4407	Ave		0.421 9		0.2000		6.5		20.0			
Cyclohexane	++++ 0.3234	0.2991 0.3146	0.2672	0.3244	0.3410	Ave		0.311 6		0.1000		8.2		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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
1,1,1-Trichloroethane	++++ 0.3474	0.3061 0.3428	0.2829	0.3503	0.3518	Ave		0.330 2			0.1000	8.7		20.0			
Carbon tetrachloride	++++ 0.3002	0.2717 0.2936	0.2542	0.2958	0.3002	Ave		0.286 0			0.1000	6.6		20.0			
1,1-Dichloropropene	++++ 0.3485	0.3048 0.3386	0.2745	0.3529	0.3517	Ave		0.328 5				9.7		20.0			
Isobutyl alcohol	++++ 0.6551	0.6169 0.6536	0.4564	0.5880	0.6399	Ave		0.601 7				12.6		20.0			
Isooctane	++++ 0.6330	0.5360 0.5978	0.4853	0.5999	0.6487	Ave		0.583 5				10.6		20.0			
Benzene	++++ 1.2730	1.2096 1.1768	1.1228	1.3378	1.3284	Ave		1.241 4			0.5000	6.9		20.0			
Isopropyl acetate	++++ 0.8734	0.6766 0.8748	0.6507	0.8035	0.8882	Ave		0.794 5				13.3		20.0			
Tert-amyl methyl ether	++++ 0.2032	0.2133 0.2053	0.2069	0.2047	0.2077	Ave		0.206 8				1.7		20.0			
1,2-Dichloroethane	++++ 0.3693	0.3708 0.3560	0.3093	0.3770	0.3750	Ave		0.359 6			0.1000	7.1		20.0			
n-Heptane	++++ 0.1291	0.1207 0.1224	0.1041	0.1289	0.1388	Ave		0.124 0				9.4		20.0			
n-Butanol	++++ 0.1831	++++ 0.2147	0.0762	0.1267	0.1793	Ave		0.156 0				35.0	*	20.0			
Trichloroethene	++++ 0.2482	0.2145 0.2439	0.2065	0.2489	0.2487	Ave		0.235 1			0.2000	8.2		20.0			
Methylcyclohexane	++++ 0.3506	0.2681 0.3371	0.2657	0.3422	0.3635	Ave		0.321 2			0.1000	13.4		20.0			
Ethyl acrylate	++++ 0.6636	0.5087 0.6445	0.4832	0.6386	0.6688	Ave		0.601 2				13.8		20.0			
1,2-Dichloropropane	++++ 0.3005	0.2744 0.2910	0.2503	0.2970	0.2971	Ave		0.285 1			0.1000	6.8		20.0			
Methyl methacrylate	++++ 0.0542	0.0370 0.0545	0.0379	0.0480	0.0527	Ave		0.047 4				16.9		20.0			
1,4-Dioxane	++++ 0.4676	0.2359 0.6860	0.6622	0.4908	0.6382	QuaF		0.364 2	0.0000320						0.9980		0.9900
Dibromomethane	++++ 0.1657	0.1513 0.1641	0.1438	0.1655	0.1668	Ave		0.159 5				6.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
n-Propyl acetate	++++ 0.4397	0.3289 0.4275	0.3286	0.4084	0.4304	Ave		0.393 9				13.1		20.0			
Bromodichloromethane	++++ 0.3505	0.3181 0.3479	0.2857	0.3440	0.3452	Ave		0.331 9			0.2000	7.7		20.0			
2-Nitropropane	++++ 3.6440	3.6763 3.6229	2.8801	3.2800	3.5254	Ave		3.438 1				9.0		20.0			
2-Chloroethyl vinyl ether	++++ 0.1806	0.1260 0.1807	0.1139	0.1567	0.1750	Ave		0.155 5				18.7		20.0			
Epichlorohydrin	0.1576 0.1723	0.1326 0.1704	0.1305	0.1642	0.1673	Ave		0.156 4				11.3		20.0			
cis-1,3-Dichloropropene	++++ 0.5942	0.5173 0.5590	0.4848	0.5781	0.5968	Ave		0.555 0			0.2000	8.1		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.1427	1.6124 2.0390	1.5200	2.0425	2.0844	Ave		1.906 8			0.0500	14.1		20.0			
Toluene	++++ 1.2791	1.2785 1.2031	1.0971	1.3183	1.3224	Ave		1.249 8			0.4000	6.9		20.0			
trans-1,3-Dichloropropene	++++ 0.5395	0.4501 0.5159	0.3952	0.5019	0.5218	Ave		0.487 4			0.1000	11.2		20.0			
Ethyl methacrylate	++++ 0.3127	0.2204 0.3143	0.2020	0.2683	0.2936	Ave		0.268 5				17.8		20.0			
1,1,2-Trichloroethane	++++ 0.2762	0.2459 0.2614	0.2263	0.2621	0.2714	Ave		0.257 2			0.1000	7.1		20.0			
Tetrachloroethene	++++ 0.2950	0.2744 0.2791	0.2446	0.2965	0.2978	Ave		0.281 2			0.2000	7.3		20.0			
1,3-Dichloropropane	++++ 0.5217	0.4965 0.4881	0.4364	0.5181	0.5233	Ave		0.497 4				6.7		20.0			
2-Hexanone	++++ 0.7220	0.5022 0.7124	0.4563	0.6428	0.6572	Ave		0.615 5			0.0500	18.0		20.0			
n-Butyl acetate	++++ 0.6188	0.4599 0.5639	0.4496	0.5742	0.6090	Ave		0.545 9				13.5		20.0			
Chlorodibromomethane	++++ 0.3390	0.2571 0.3259	0.2587	0.3203	0.3287	Ave		0.305 0			0.1000	12.1		20.0			
Ethylene Dibromide	++++ 0.3019	0.2769 0.2884	0.2505	0.2949	0.3031	Ave		0.286 0			0.1000	6.9		20.0			
Chlorobenzene	++++ 0.8413	0.8059 0.7968	0.7071	0.8425	0.8578	Ave		0.808 6			0.5000	6.8		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
Ethylbenzene	++++ 0.4528	0.3675 0.4441	0.3457	0.4218	0.4487	Ave		0.413 5			0.1000	11.1		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3101	0.2570 0.3005	0.2486	0.2924	0.3026	Ave		0.285 2				9.1		20.0			
m-Xylene & p-Xylene	++++ 0.5349	0.4370 0.5236	0.4095	0.5326	0.5409	Ave		0.496 4			0.1000	11.6		20.0			
n-Butyl acrylate	++++ 0.2618	0.1805 0.2603	0.1586	0.2154	0.2465	Ave		0.220 5				19.7		20.0			
o-Xylene	++++ 0.5515	0.4340 0.5388	0.4157	0.5352	0.5486	Ave		0.504 0			0.3000	12.3		20.0			
Styrene	++++ 0.9223	0.6427 0.8932	0.6841	0.8917	0.9093	Ave		0.823 9			0.3000	15.2		20.0			
Amyl acetate (mixed isomers)	++++ 1.2814	1.0538 1.2086	0.8817	1.2404	1.2726	Ave		1.156 4				13.7		20.0			
Bromoform	++++ 0.2265	0.1642 0.2192	0.1607	0.2041	0.2095	Ave		0.197 4			0.1000	14.3		20.0			
Isopropylbenzene	++++ 1.3415	1.0097 1.2366	0.9888	1.2728	1.3366	Ave		1.197 6			0.1000	13.3		20.0			
Bromobenzene	++++ 0.6481	0.5896 0.6040	0.5267	0.6714	0.6520	Ave		0.615 3				8.7		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7531	0.7255 0.7216	0.6372	0.7718	0.7534	Ave		0.727 1			0.3000	6.6		20.0			
N-Propylbenzene	++++ 3.0489	2.6401 2.7272	2.3551	2.9915	3.0714	Ave		2.805 7				10.1		20.0			
1,2,3-Trichloropropane	++++ 0.1763	0.1469 0.1656	0.1455	0.1742	0.1753	Ave		0.164 0				8.7		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2442	0.2524 0.2338	0.1930	0.2446	0.2386	Ave		0.234 4				9.1		20.0			
2-Chlorotoluene	++++ 2.1523	1.7898 2.0449	1.6674	2.1290	2.1405	Ave		1.987 3				10.4		20.0			
4-Ethyltoluene	++++ 2.5146	2.0219 2.3312	1.8838	2.4551	2.4965	Ave		2.283 8				11.7		20.0			
1,3,5-Trimethylbenzene	++++ 2.0687	1.7005 1.8945	1.5633	2.0506	2.1069	Ave		1.897 4				11.7		20.0			
4-Chlorotoluene	++++ 1.9667	1.6984 1.9973	1.5243	2.0462	1.9575	Ave		1.865 1				11.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
Butyl Methacrylate	++++ 0.8002	0.5053 0.7873	0.4899	0.7600	0.7784	QuaF		0.803 3	-0.000032						1.0000		0.9900
tert-Butylbenzene	++++ 1.6602	1.3056 1.5322	1.2481	1.6248	1.6541	Ave		1.504 2				12.2		20.0			
1,2,4-Trimethylbenzene	++++ 2.1473	1.7391 2.0259	1.6487	2.1209	2.1828	Ave		1.977 4				11.5		20.0			
sec-Butylbenzene	++++ 2.4276	1.9878 2.1988	1.8878	2.4041	2.4721	Ave		2.229 7				11.1		20.0			
1,3-Dichlorobenzene	++++ 1.2359	1.0228 1.1488	0.9731	1.1717	1.2079	Ave		1.126 7		0.6000		9.3		20.0			
4-Isopropyltoluene	++++ 2.1363	1.6574 1.9760	1.5033	2.0624	2.1092	Ave		1.907 4				13.8		20.0			
1,4-Dichlorobenzene	++++ 1.2112	1.1687 1.1828	1.0472	1.2287	1.2162	Ave		1.175 8		0.5000		5.7		20.0			
1,2,3-Trimethylbenzene	++++ 2.3514	1.8493 2.1680	1.8092	2.3426	2.3104	Ave		2.138 5				11.6		20.0			
Benzyl chloride	++++ 1.3530	1.0112 1.2831	0.9703	1.3091	1.2974	Ave		1.204 0				13.9		20.0			
Indan	++++ 2.2085	1.8924 1.9843	1.7608	2.1827	2.2532	Ave		2.047 0				9.7		20.0			
p-Diethylbenzene	++++ 1.0687	0.8487 1.0568	0.8051	1.0372	1.0549	Ave		0.978 5				12.1		20.0			
n-Butylbenzene	++++ 1.1202	0.8862 1.0009	0.8139	1.1022	1.0940	Ave		1.002 9				12.7		20.0			
1,2-Dichlorobenzene	++++ 1.1932	1.0564 1.1423	0.9371	1.1644	1.1774	Ave		1.111 8		0.4000		8.8		20.0			
1,2,4,5-Tetramethylbenzene	++++ 2.1055	1.6976 1.9336	1.5304	2.0363	2.1463	Ave		1.908 3				12.8		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1396	0.1147 0.1372	0.1173	0.1433	0.1362	Ave		0.131 4		0.0500		9.3		20.0			
1,3,5-Trichlorobenzene	++++ 0.8522	0.9348 0.7798	0.6656	0.8362	0.8462	Ave		0.819 1				11.0		20.0			
1,2,4-Trichlorobenzene	++++ 0.7831	0.6721 0.7211	0.6030	0.7560	0.7701	Ave		0.717 6		0.2000		9.6		20.0			
Hexachlorobutadiene	++++ 0.2449	0.2854 0.2230	0.2045	0.2568	0.2585	Ave		0.245 5				11.6		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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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								
Naphthalene	++++ 1.9994	1.9035 1.8441	1.5751	1.8993	2.0141	Ave		1.872 6				8.5		20.0			
1,2,3-Trichlorobenzene	++++ 0.6967	0.7453 0.6524	0.5764	0.6898	0.7009	Ave		0.676 9				8.5		20.0			
Dibromofluoromethane (Surr)	0.2245 0.2189	0.2272 0.2224	0.2232	0.2256	0.2187	Ave		0.222 9				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2935 0.2917	0.2970 0.2926	0.2960	0.2897	0.2789	Ave		0.291 3				2.1		20.0			
Toluene-d8 (Surr)	1.0932 1.1000	1.1097 1.0646	1.0898	1.0933	1.0837	Ave		1.090 6				1.3		20.0			
4-Bromofluorobenzene	0.3420 0.3482	0.3516 0.3335	0.3479	0.3215	0.3405	Ave		0.340 8				3.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-864088/3	J79478.D
Level 2	STD1 460-864088/4	J79479.D
Level 3	STD5 460-864088/5	J79480.D
Level 4	STD20 460-864088/6	J79481.D
Level 5	STD50 460-864088/7	J79482.D
Level 6	STD200 460-864088/8	J79483.D
Level 7	STD500 460-864088/9	J79484.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	Ave	++++ 54741	193 144843	907	4437	12284	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 761655	3160 1993003	13031	60091	158446	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 99374	573 260179	2081	9492	25398	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 897019	4913 2460345	18286	79331	207555	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 670587	3460 1775312	13406	59809	156816	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	809 693773	3650 1833119	13470	58909	154115	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 310333	1570 870846	5403	25135	65239	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 357441	1309 928557	7467	32642	87105	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1000278	5259 2637960	21704	95338	247797	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 729350	3405 1927579	15142	67275	172664	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	++++ 1832416	8813 4495428	38281	181065	464656	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	++++ 67320	353 197813	1664	6205	19639	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 426734	1756 1094259	8195	40198	104238	++++ 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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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-Methyl-1,3-butadiene	FB	Ave	++++ 526979	2478 1361048	9947	49112	129578	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 336234	1497 773316	6855	31483	78551	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 679271	3061 1850029	13673	60321	165639	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 438211	1995 1129499	8981	42489	111295	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 68423	1578 149233	5784	11831	31939	++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	++++ 405730	1711 1083748	8260	39348	100569	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 812496	4626 2079865	15307	67956	182557	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	QuaF	++++ 528180	492 1277167	4228	35812	108511	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 1629888	7484 4197114	33261	157360	398561	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 222653	1110 645368	4380	20101	57556	++++ 2000	10.0 5000	50.0	200	500
3-Chloro-1-propene	FB	Ave	++++ 288459	1406 708650	5716	27843	68385	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 877511	4349 2234476	17759	83381	213421	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1283537	6016 3248870	25661	121271	307305	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 681232	2401 1866798	17037	71176	170786	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 506702	2434 1317628	11044	49568	127036	++++ 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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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-Methyl-2-propanol	TBAd 9	Ave	++++ 329323	1368 902216	6434	28131	81330	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1358458	5655 3481658	25613	125060	326541	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 454380	2223 1195047	9207	44327	111234	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd 9	Ave	2034 2007145	8246 5039672	39201	185243	479664	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 646291	3220 1655942	13058	65587	168791	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2033017	8700 5094804	39192	193489	504335	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 995120	4861 2562895	20125	97358	244857	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 2481783	10749 6515146	46512	217463	632243	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 411128	1882 1104015	7983	39195	99633	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1584393	5733 4129688	28118	144835	381129	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 226789	1122 588330	5068	22271	54951	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 503950	2143 1338842	9857	46898	121190	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 255946	1114 672759	4826	22623	58076	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 101404	379 271200	1735	8839	23755	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	++++ 449880	2014 1170625	9012	42216	106287	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 692033	2855 1797812	13986	63241	170034	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++	1048	5109	23293	57579	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
			235999	608539				200	500			
Tetrahydrofuran	BUT	Ave	++++ 108806	399 284016	2133	9661	26587	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 2116958	7851 5442173	38855	190532	499305	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 878018	3759 2348009	17581	83860	212357	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 651243	2804 1694502	12501	61580	164330	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 699549	2869 1846243	13236	66485	169512	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 604553	2547 1581634	11890	56147	144667	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 701849	2857 1823941	12842	66989	169479	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 725188	2989 1947030	11222	58252	170497	++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	++++ 1274785	5024 3220175	22702	113865	312591	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 1962380	8392 5084847	38810	191788	482137	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1758887	6342 4711925	30442	152513	427956	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 409162	1999 1105865	9680	38853	100079	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 743665	3476 1917408	14469	71550	180705	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 260048	1131 659398	4868	24474	66875	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 202689	++++ 639502	1873	12549	47784	++++ 5000	++++ 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 499744	2011 1313512	9661	47237	119816	++++ 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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
Methylcyclohexane	FB	Ave	++++ 706058	2513 1815809	12428	64959	175172	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1336419	4768 3471379	22604	121214	322237	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 605120	2572 1567264	11709	56381	143166	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 218125	694 587324	3548	18235	50811	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	QuaF	++++ 59551	288 189121	1622	4731	17052	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 333752	1418 883703	6725	31407	80364	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 885513	3083 2302705	15370	77517	207363	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 705914	2982 1873903	13364	65289	166345	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd 9	Ave	++++ 322701	1425 863336	5665	25996	75144	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 364618	1184 975675	5342	29815	84546	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	972 924141	3178 2443846	15876	80018	213230	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 915946	3589 2415305	16756	82877	216608	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2872862	9660 7309694	46214	248833	664272	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 1971845	8870 5198714	37922	188985	479973	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 831703	3123 2229310	13661	71957	189375	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	++++ 629721	2066 1692763	9448	50928	141461	++++ 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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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-Trichloroethane	CBNZ d5	Ave	++++ 425722	1706 1129572	7822	37580	98518	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 454795	1904 1205887	8454	42510	108098	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 804229	3445 2109036	15083	74272	189935	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 967999	3009 2553947	13874	78306	209426	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 953920	3191 2436378	15542	82311	221049	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 522641	1784 1407994	8943	45921	119317	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 465329	1921 1246358	8660	42282	110022	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1296936	5591 3442855	24439	120784	311344	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 698093	2550 1918882	11950	60473	162847	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 477984	1783 1298397	8593	41923	109816	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 824540	3032 2262234	14155	76358	196307	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 403561	1252 1124897	5482	30877	89460	++++ 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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
o-Xylene	CBNZ d5	Ave	+++++	3011	14369	76721	199108	+++++	1.00	5.00	20.0	50.0
			850240	2327942				200	500			
Styrene	CBNZ d5	Ave	+++++	4459	23645	127837	330039	+++++	1.00	5.00	20.0	50.0
			1421706	3859471				200	500			
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++	3987	16956	93680	254881	+++++	1.00	5.00	20.0	50.0
			1103195	2938863				200	500			
Bromoform	CBNZ d5	Ave	+++++	1139	5553	29253	76049	+++++	1.00	5.00	20.0	50.0
			349166	947256				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	7005	34177	182457	485124	+++++	1.00	5.00	20.0	50.0
			2067940	5343277				200	500			
Bromobenzene	DCBd 4	Ave	+++++	2231	10129	50708	130593	+++++	1.00	5.00	20.0	50.0
			557974	1468646				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	2745	12254	58288	150890	+++++	1.00	5.00	20.0	50.0
			648354	1754706				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	9989	45292	225939	615138	+++++	1.00	5.00	20.0	50.0
			2624902	6631553				200	500			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	556	2798	13159	35100	+++++	1.00	5.00	20.0	50.0
			151738	402653				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	955	3711	18475	47784	+++++	1.00	5.00	20.0	50.0
			210227	568547				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	6772	32067	160793	428697	+++++	1.00	5.00	20.0	50.0
			1852942	4972428				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	7650	36228	185426	500008	+++++	1.00	5.00	20.0	50.0
			2164840	5668553				200	500			

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 1781010	6434 4606650	30064	154879	421967	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 1693158	6426 4856631	29314	154544	392056	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 688883	1912 1914411	9421	57401	155897	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1429330	4940 3725653	24003	122717	331280	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 1848627	6580 4926142	31707	160185	437174	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 2089955	7521 5346723	36305	181571	495108	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1064032	3870 2793444	18714	88491	241917	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 1839167	6271 4804893	28911	155764	422426	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1042715	4422 2876128	20140	92797	243587	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2024362	6997 5271697	34793	176931	462730	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1164806	3826 3119963	18661	98872	259836	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 1901315	7160 4825188	33863	164849	451266	++++ 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 Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
p-Diethylbenzene	DCBd 4	Ave	++++ 920055	3211 2569745	15483	78334	211271	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 964390	3353 2433771	15653	83242	219108	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1027292	3997 2777684	18022	87944	235807	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 1812656	6423 4701819	29432	153795	429869	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 120215	434 333589	2256	10824	27279	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 733719	3537 1896168	12801	63158	169472	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 674173	2543 1753333	11597	57095	154239	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 210851	1080 542147	3932	19392	51765	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 1721369	7202 4484193	30291	143448	403389	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 599809	2820 1586478	11085	52096	140385	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	106898 110206	106466 119811	104399	107068	105371	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	139735 146876	139214 157605	138462	137466	134369	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	386945	384940	376682	391817	393317	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-264899-1 Analy Batch No.: 864088

SDG No.: _____

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2022 12:56 Calibration End Date: 08/31/2022 15:27 Calibration ID: 91280

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
			423912	460023				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	121057	121963	120262	115236	123590	50.0	50.0	50.0	50.0	50.0
			134208	144106				50.0	50.0			

Curve Type Legend

Ave = Average ISTD

QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 31-Aug-2022 12:56:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0149864-003
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:12 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: K0HS

Date: 31-Aug-2022 14:03:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.547	1.539	0.008	89	809	0.2500	0.2550	M
* 30 TBA-d9 (IS)	65	2.849	2.852	-0.003	75	199328	1000.0	1000.0	
35 Acrylonitrile	53	3.100	3.092	0.008	91	2034	2.00	2.28	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	85	308404	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.333	4.325	0.008	95	106898	50.0	50.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.675	4.667	0.008	0	139735	50.0	50.4	
* 66 Fluorobenzene	96	4.938	4.941	-0.003	97	476093	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.634	5.637	-0.003	0	25176	1000.0	1000.0	
80 Epichlorohydrin	57	6.308	6.300	0.008	35	972	5.00	5.04	
\$ 83 Toluene-d8 (Surr)	98	6.593	6.585	0.008	98	386945	50.0	50.1	
* 94 Chlorobenzene-d5	117	8.374	8.377	-0.003	90	353969	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	88	121057	50.0	50.2	
* 121 1,4-Dichlorobenzene-d4	152	10.738	10.741	-0.003	98	190947	50.0	50.0	
135 1,2,3-Trichlorobenzene	180	12.302	12.305	-0.003	84	600		0.2321	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACRY/EPIH MIX_00103	Amount Added: 20.00	Units: uL	
Ethanol mix_00068	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00158	Amount Added: 0.00	Units: uL	
524freon_00056	Amount Added: 0.00	Units: uL	
GASES Li_00491	Amount Added: 2.50	Units: uL	
ACROLEIN W_00143	Amount Added: 0.00	Units: uL	
GAS Hi_00423	Amount Added: 0.00	Units: uL	
14DIOXINTER_00145	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 0.00	Units: uL	
MIX I Hi_00154	Amount Added: 0.00	Units: uL	
8FreonHi_00048	Amount Added: 0.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

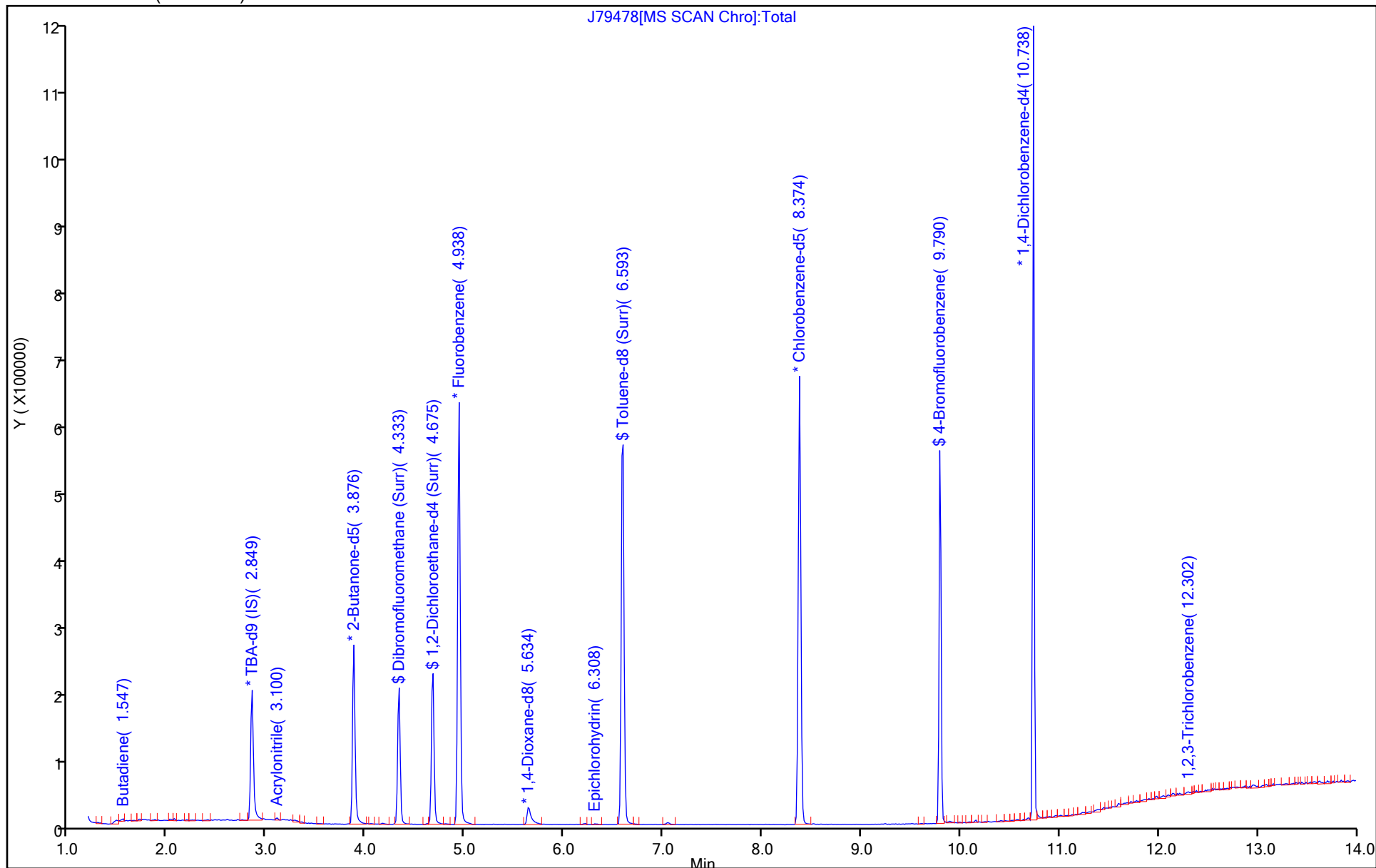
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

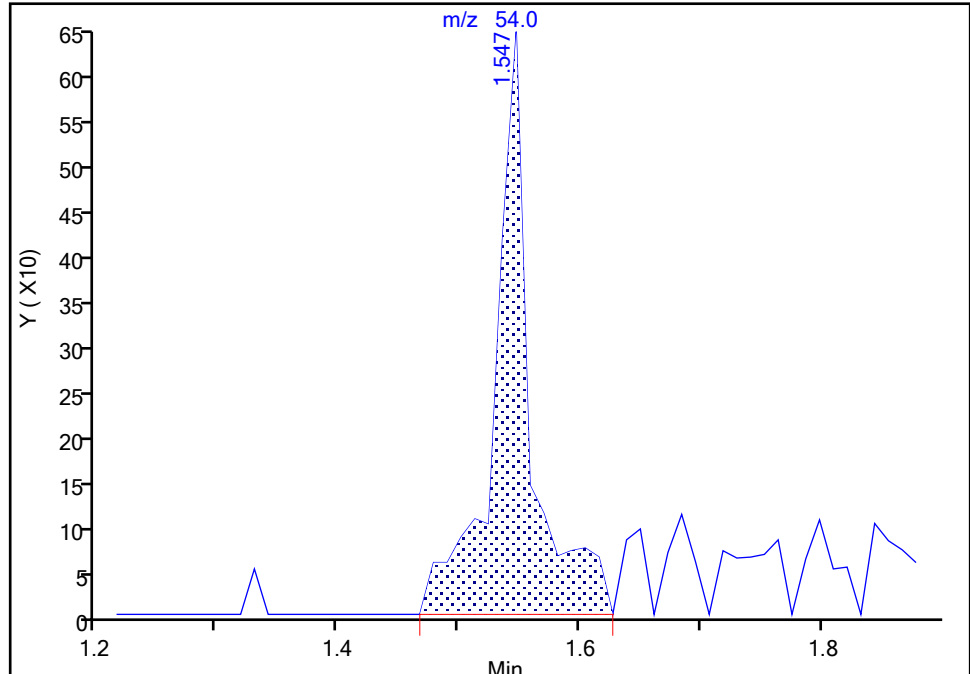
MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

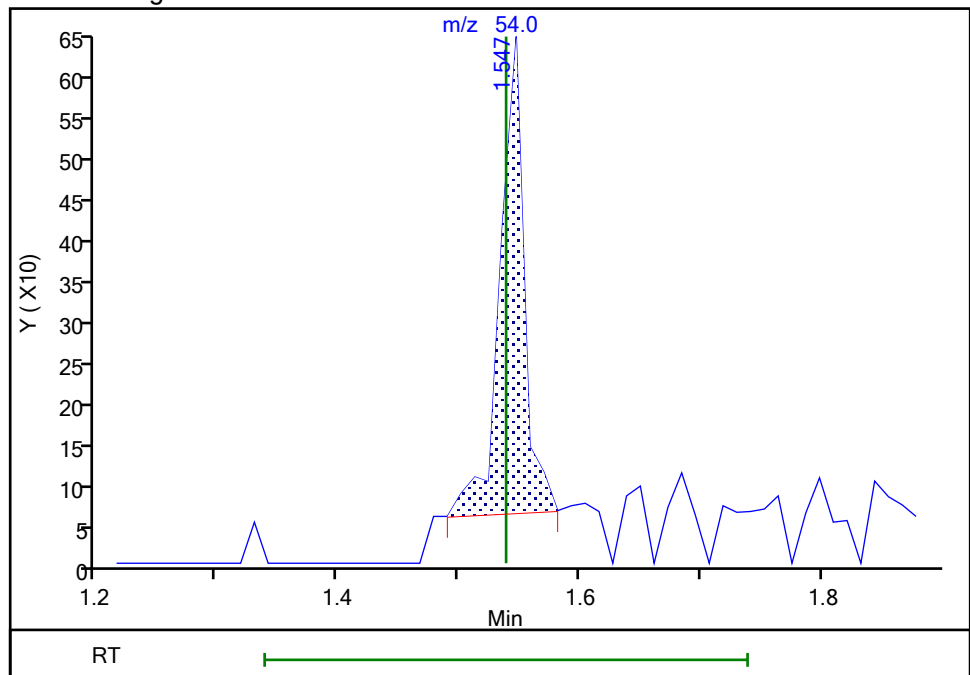
RT: 1.55
Area: 1356
Amount: 0.415531
Amount Units: ug/l

Processing Integration Results



RT: 1.55
Area: 809
Amount: 0.255008
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 17:59:32

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

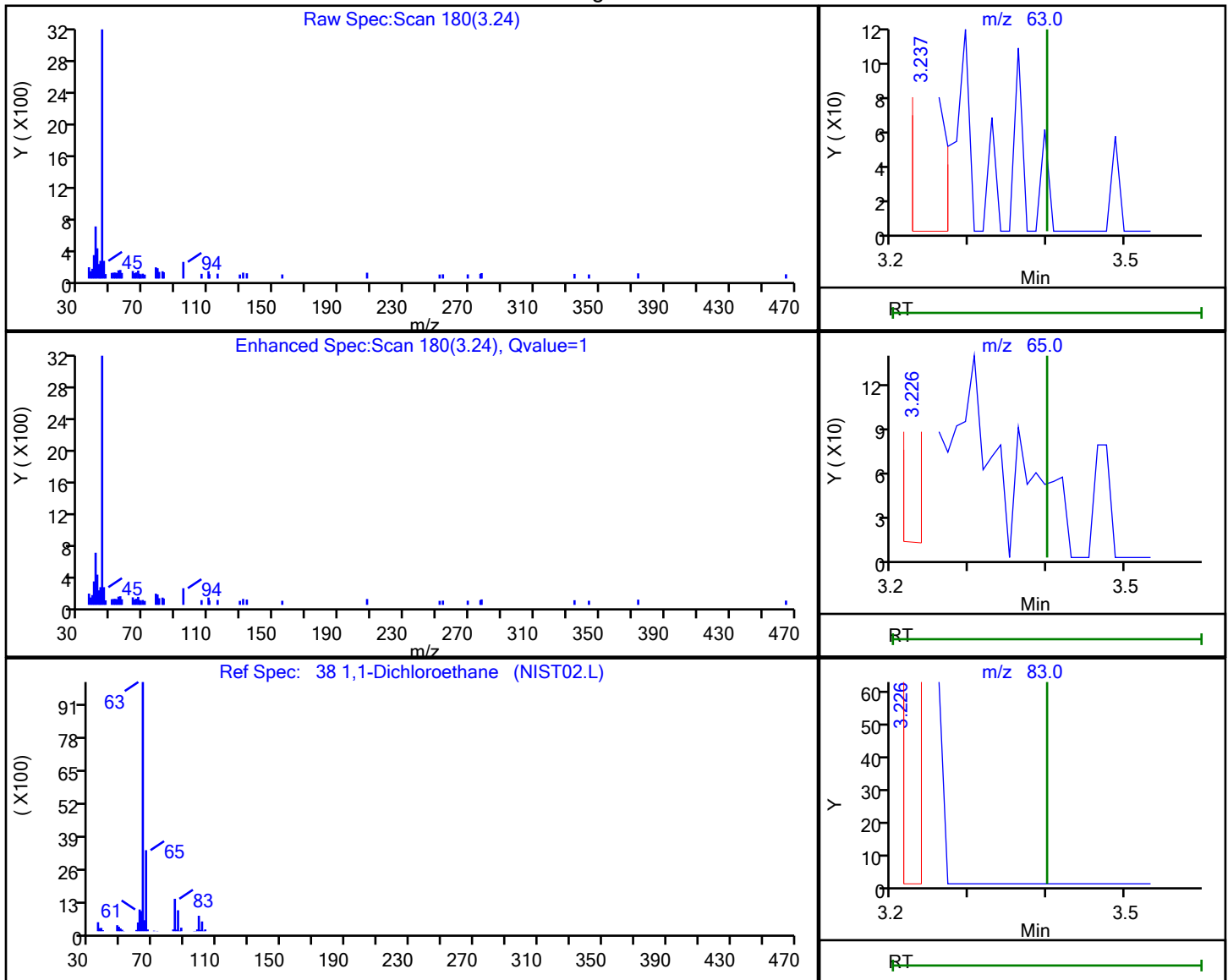
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.24	63.00	202	0.040907
3.23	65.00	144	
3.23	83.00	72	

Reviewer: K0HS, 31-Aug-2022 14:01:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

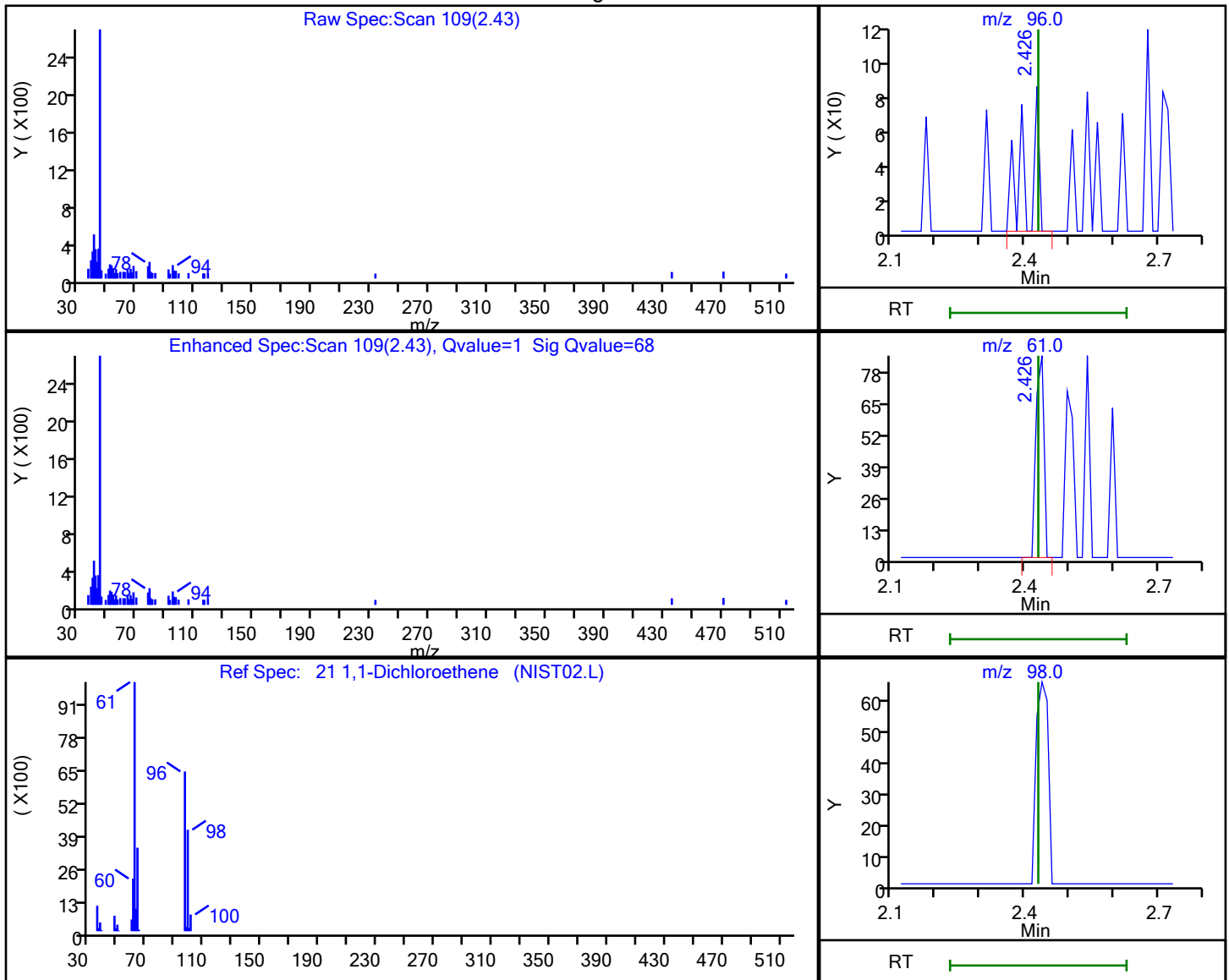
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.43	96.00	139	0.074365
2.43	61.00	106	
2.43	98.00	0	
2.43	63.00	0	

Reviewer: K0HS, 31-Aug-2022 14:02:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

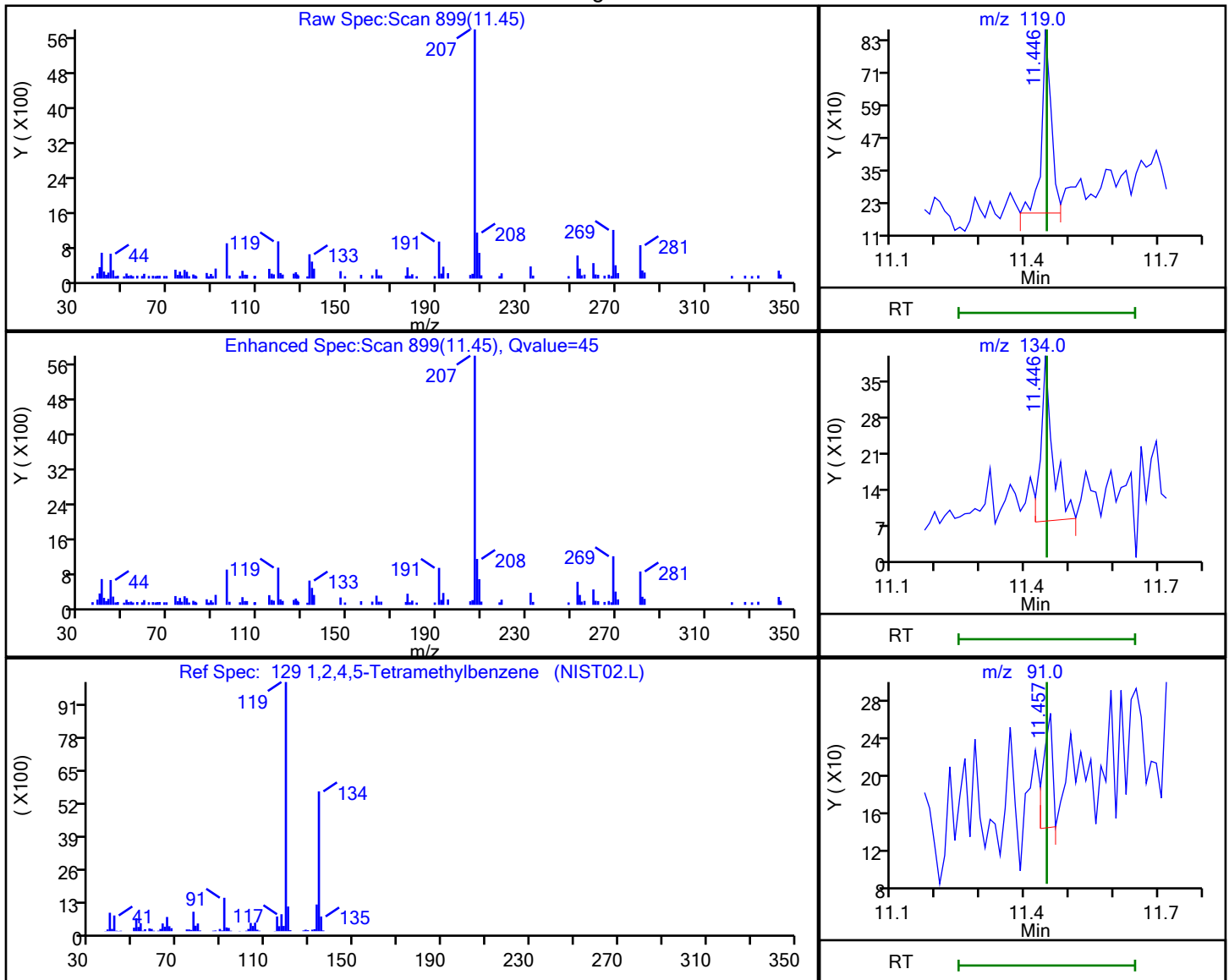
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.45	119.00	1025	0.158107
11.45	134.00	601	
11.46	91.00	177	

Reviewer: K0HS, 31-Aug-2022 14:02:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

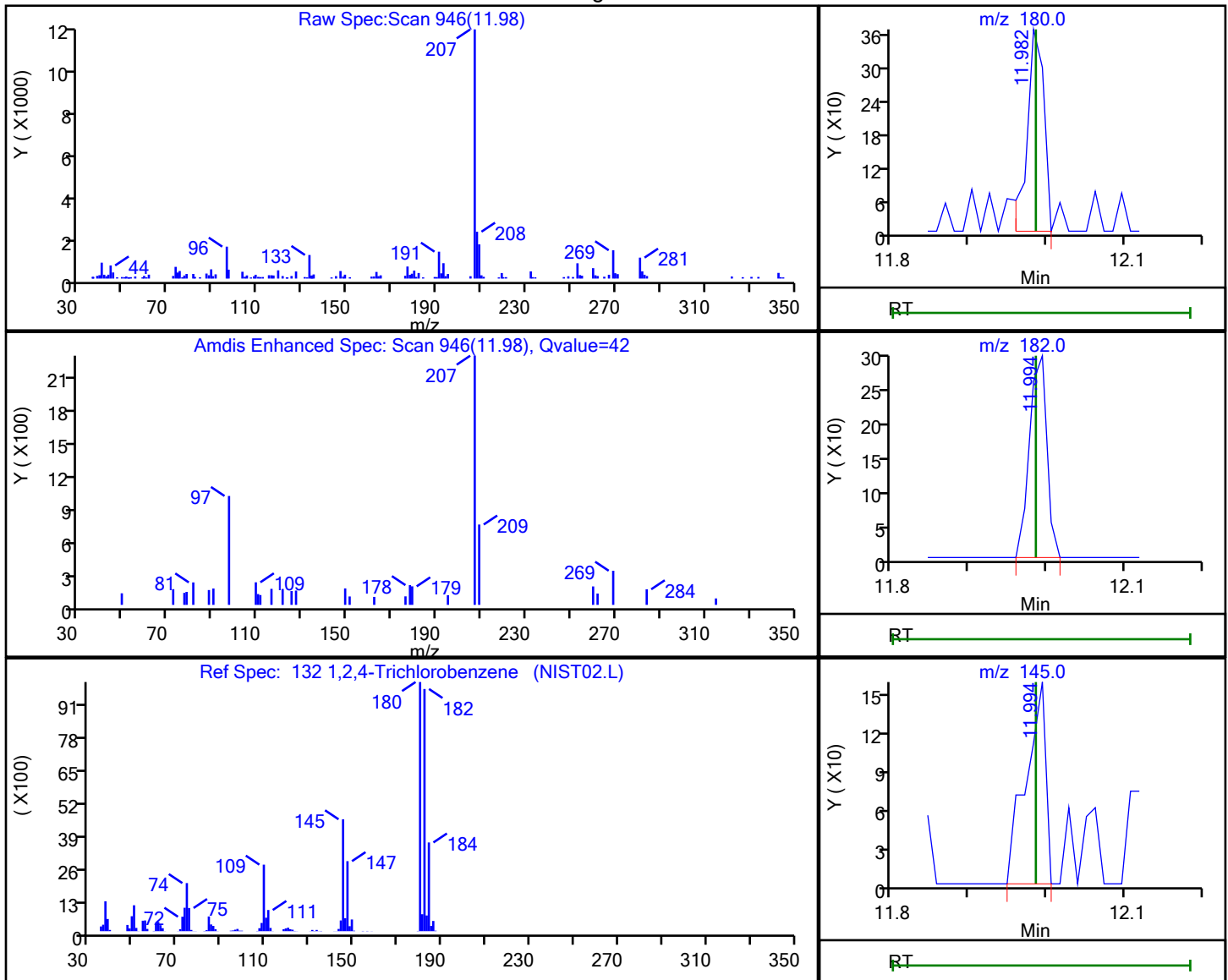
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.98	180.00	554	0.215838
11.99	182.00	458	
11.99	145.00	281	

Reviewer: K0HS, 31-Aug-2022 14:02:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

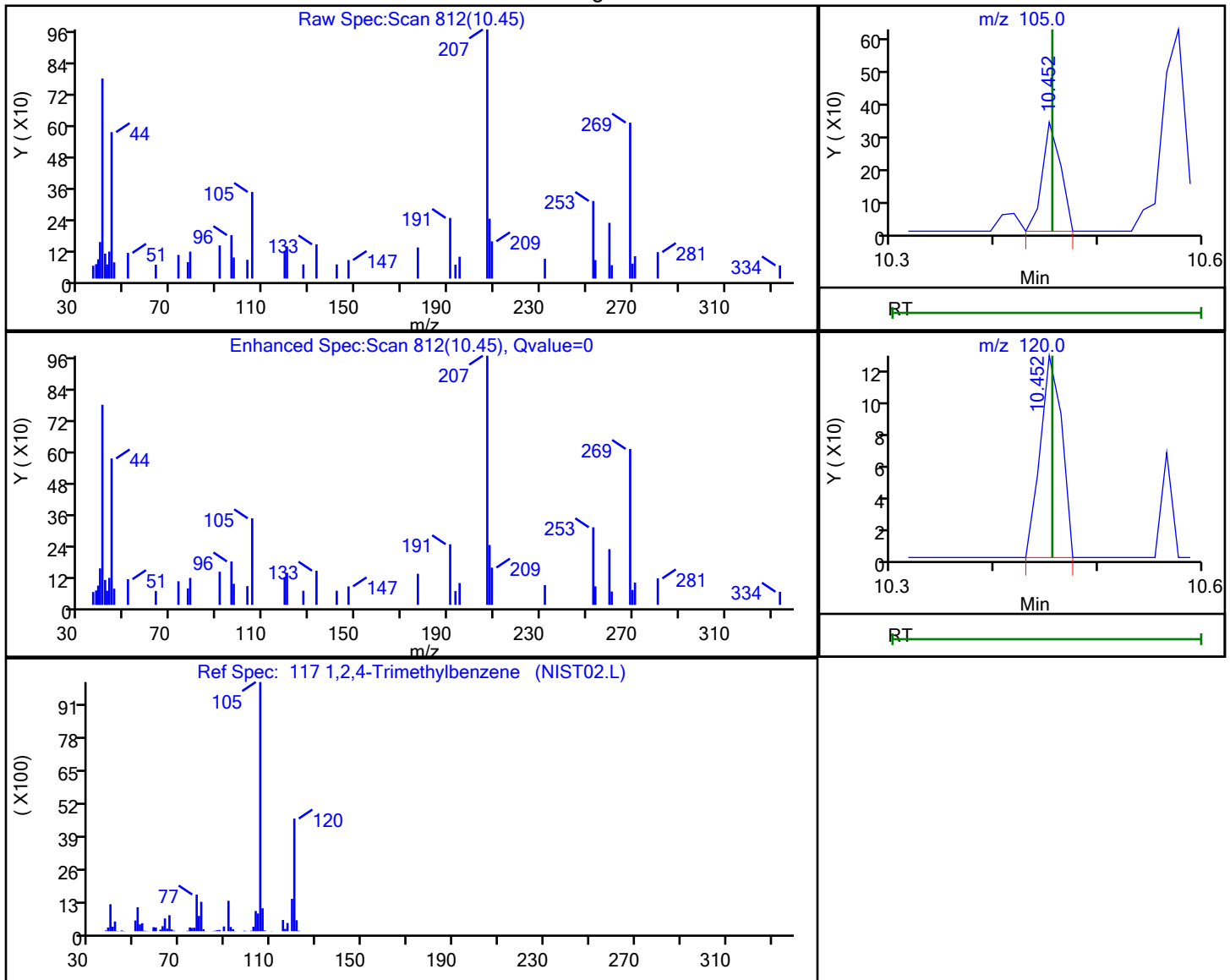
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.45	105.00	417	0.062788
10.45	120.00	182	

Reviewer: K0HS, 31-Aug-2022 14:02:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

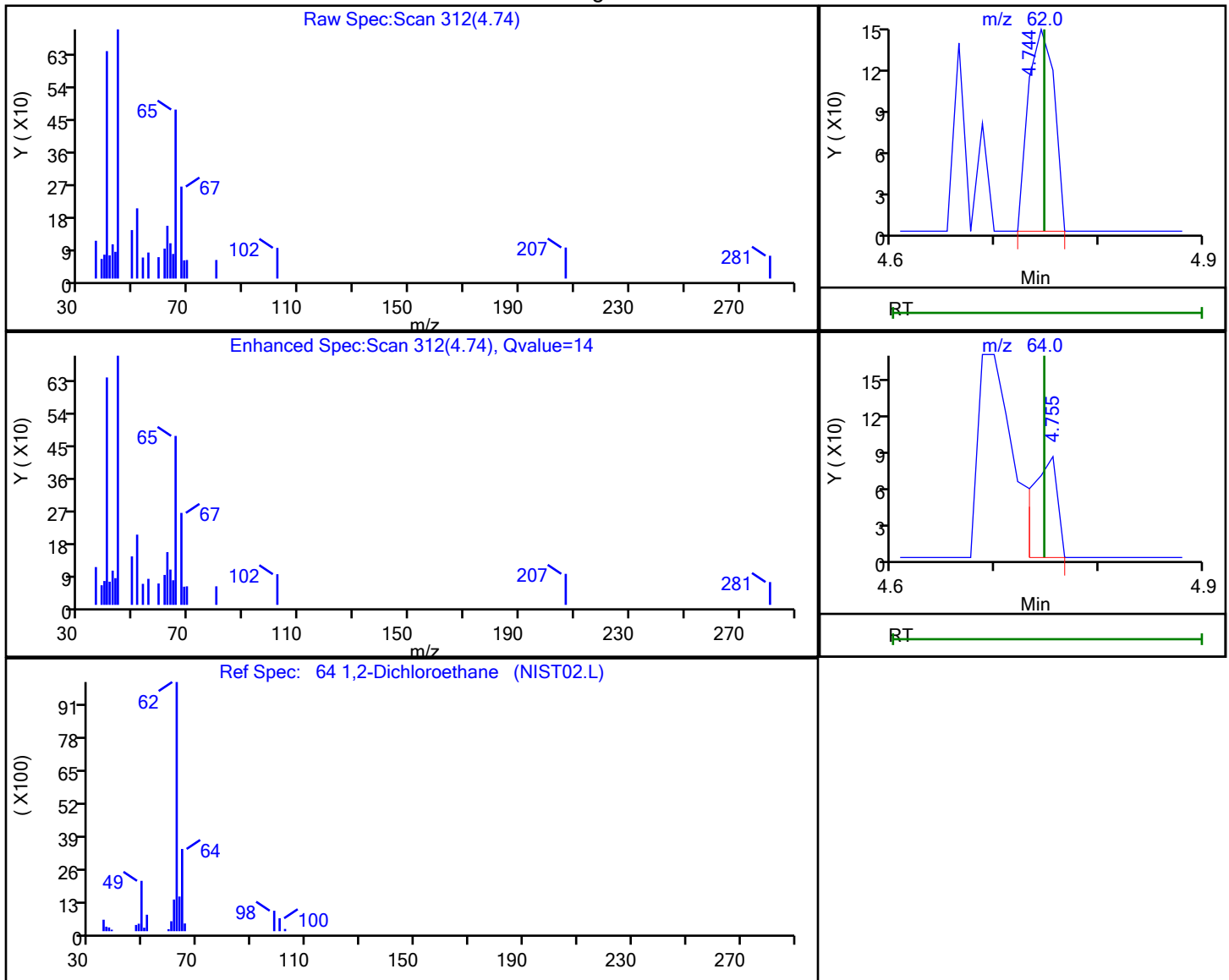
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.74	62.00	260	0.073632
4.76	64.00	145	

Reviewer: K0HS, 31-Aug-2022 14:02:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

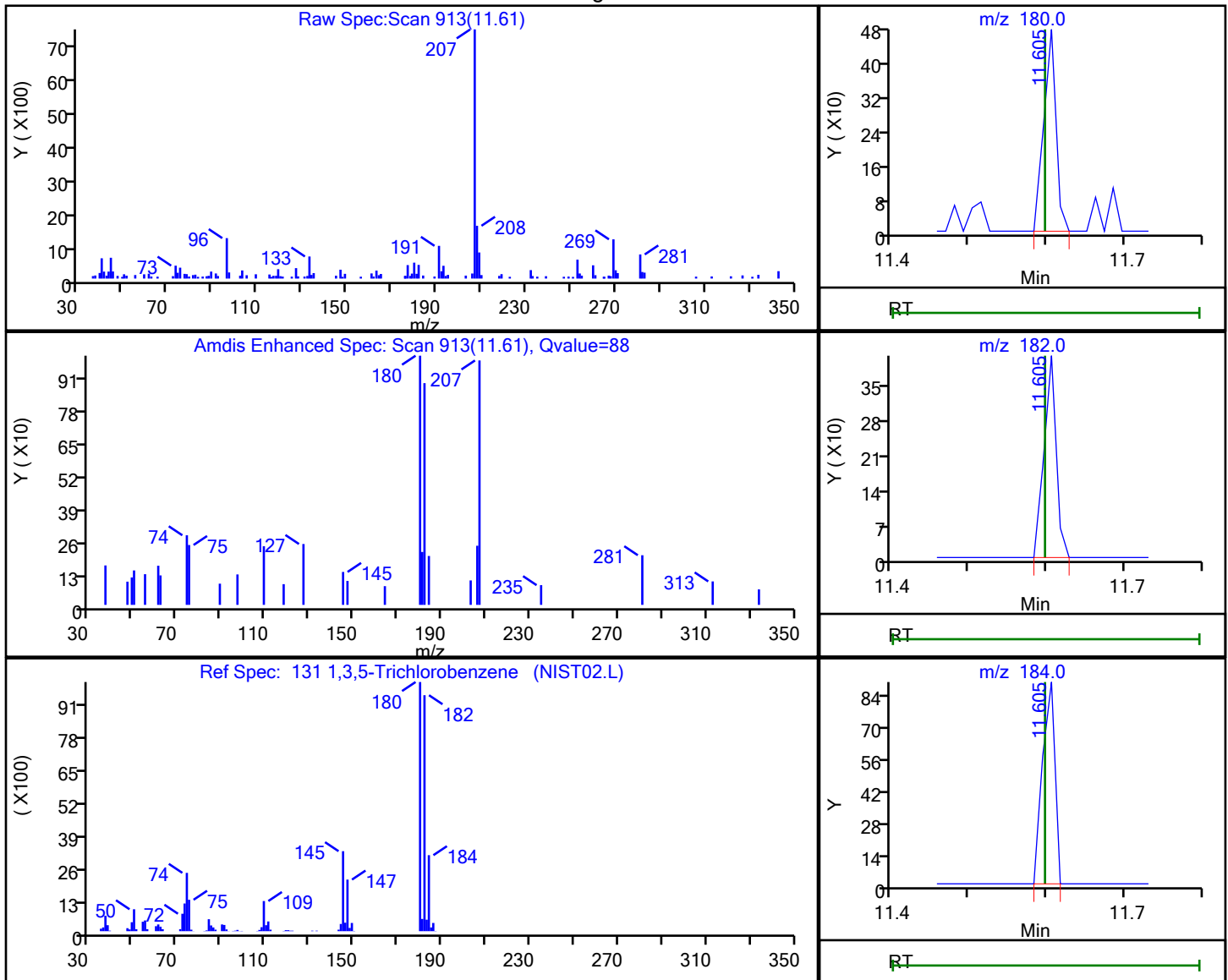
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.61	180.00	523	0.146498
11.61	182.00	447	
11.61	184.00	101	

Reviewer: K0HS, 31-Aug-2022 14:02:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

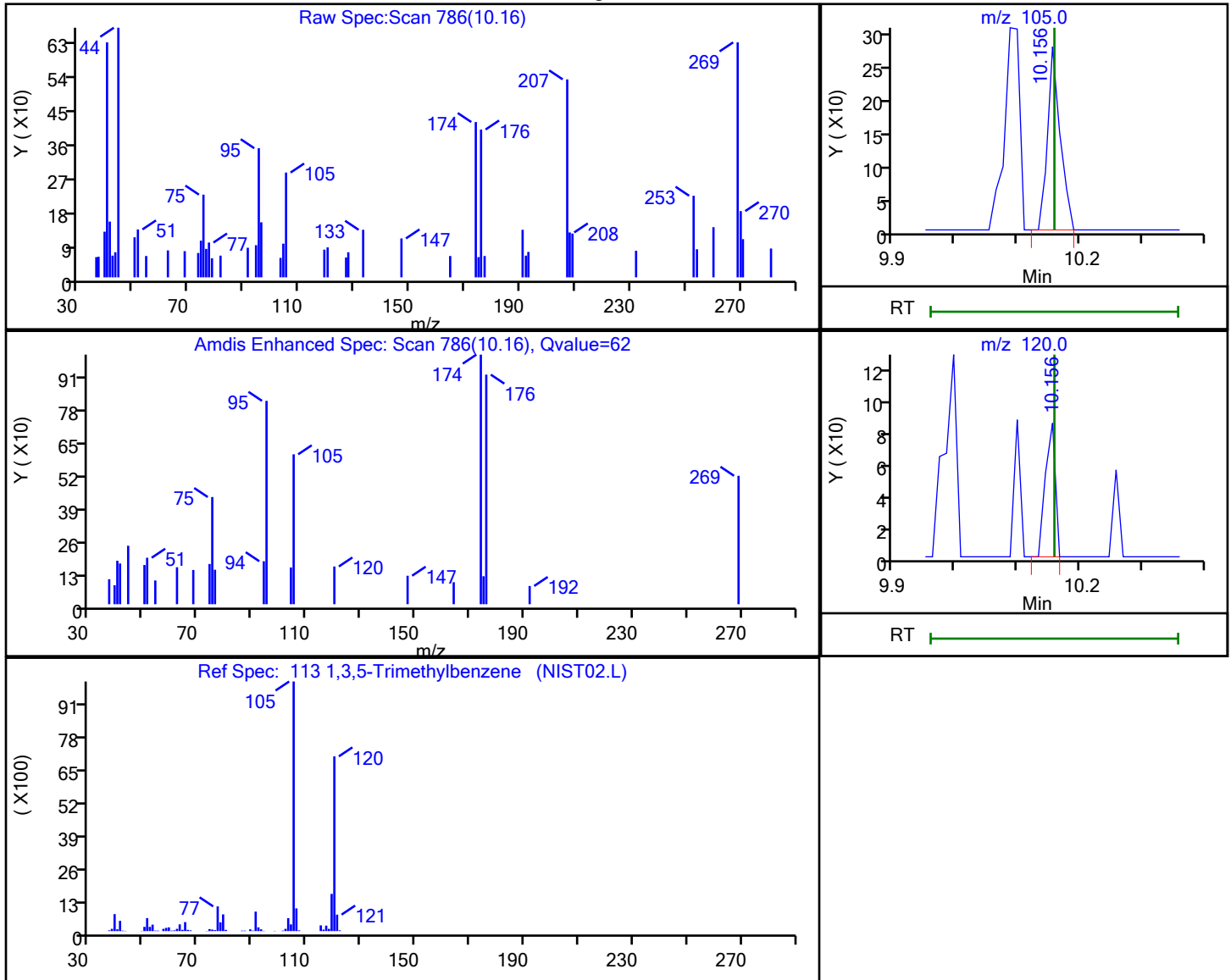
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.16	105.00	397	0.061133
10.16	120.00	89	

Reviewer: K0HS, 31-Aug-2022 14:02:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

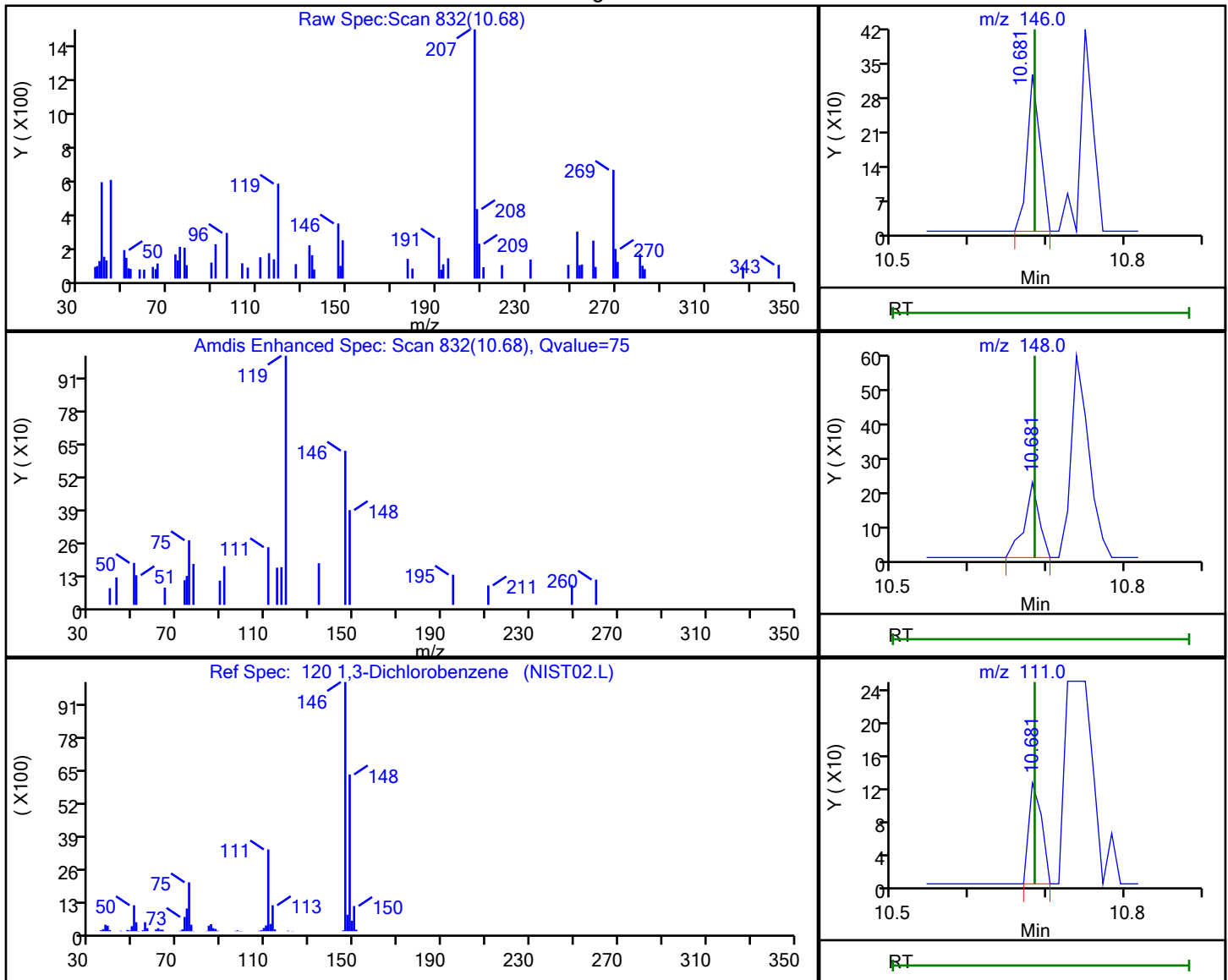
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.68	146.00	371	0.094979
10.68	148.00	299	
10.68	111.00	143	

Reviewer: K0HS, 31-Aug-2022 14:02:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

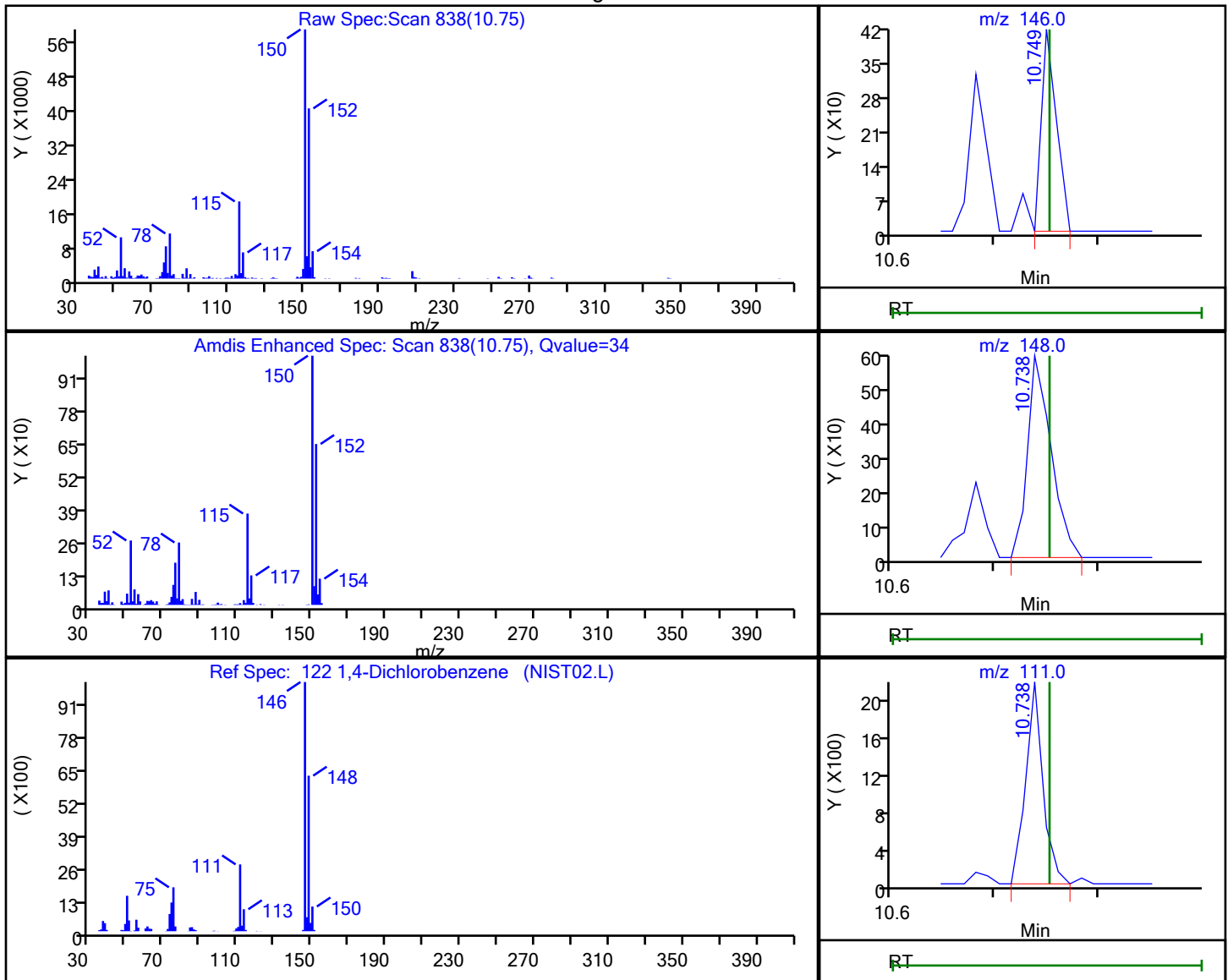
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.75	146.00	417	0.093429
10.74	148.00	952	
10.74	111.00	2524	

Reviewer: K0HS, 31-Aug-2022 14:02:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

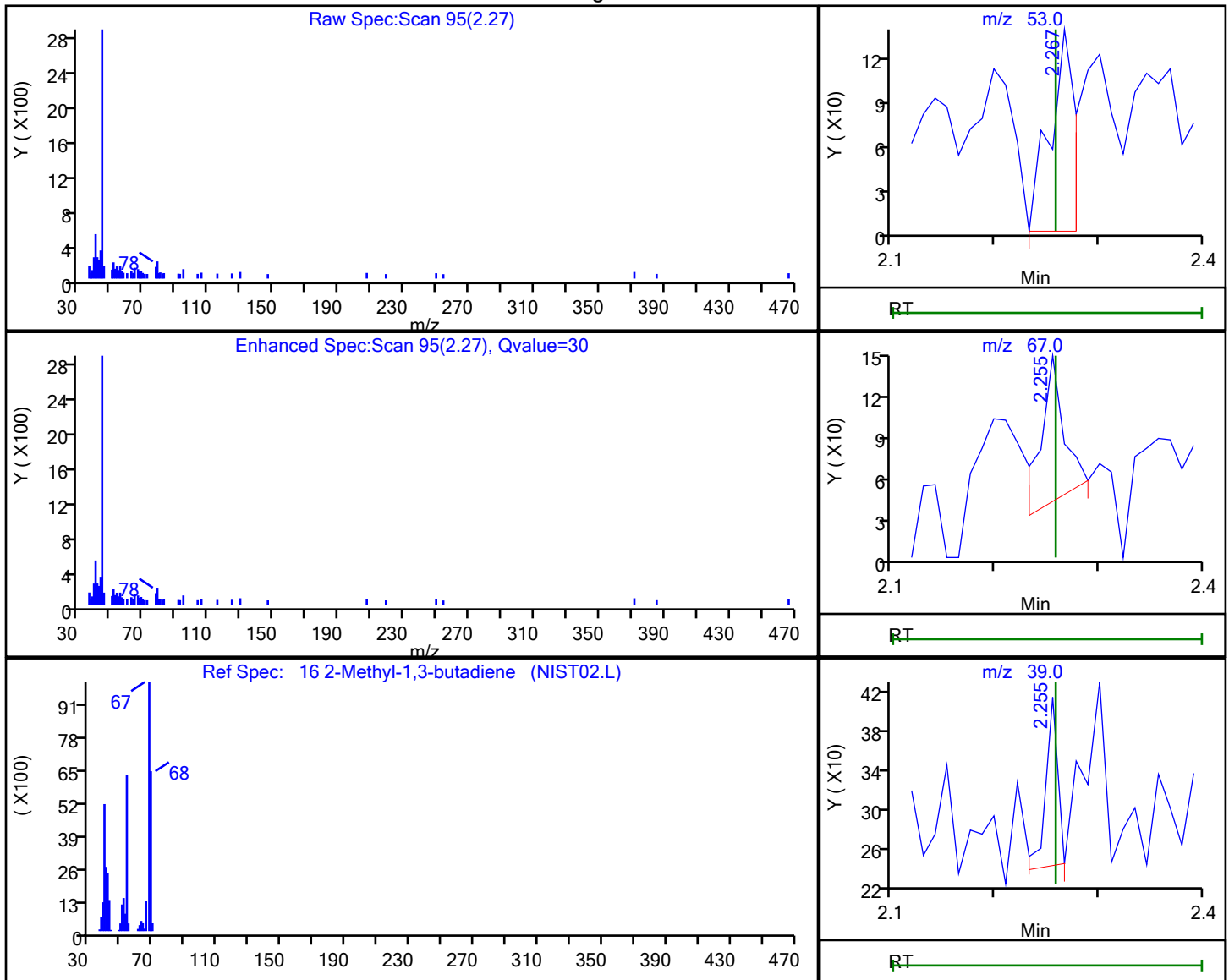
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.27	53.00	235	0.093355
2.26	67.00	164	
2.26	39.00	136	

Reviewer: K0HS, 31-Aug-2022 14:01:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

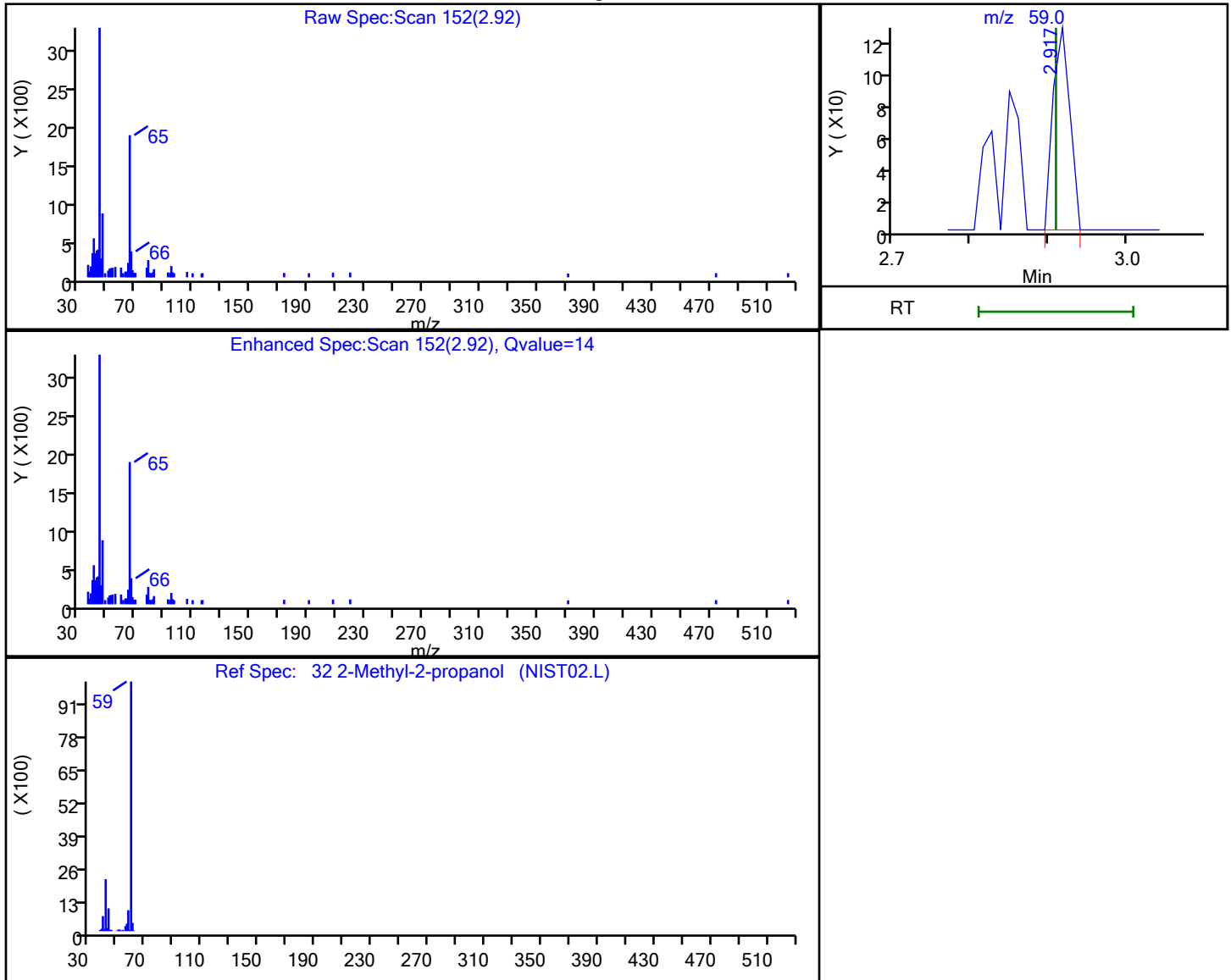
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.92	59.00	193	1.371742

Reviewer: K0HS, 31-Aug-2022 14:01:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

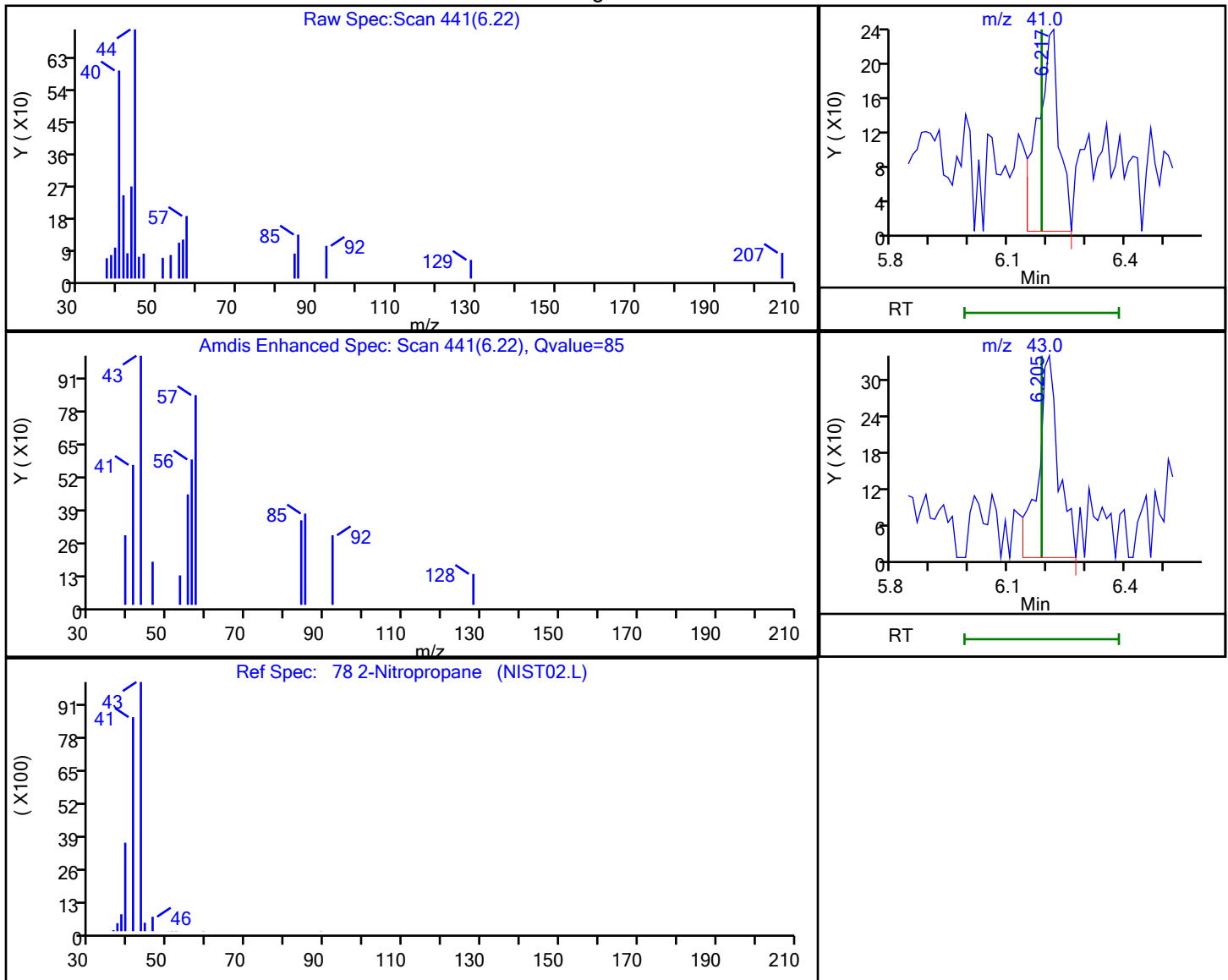
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.22	41.00	906	1.236359
6.21	43.00	1224	

Reviewer: K0HS, 31-Aug-2022 14:02:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

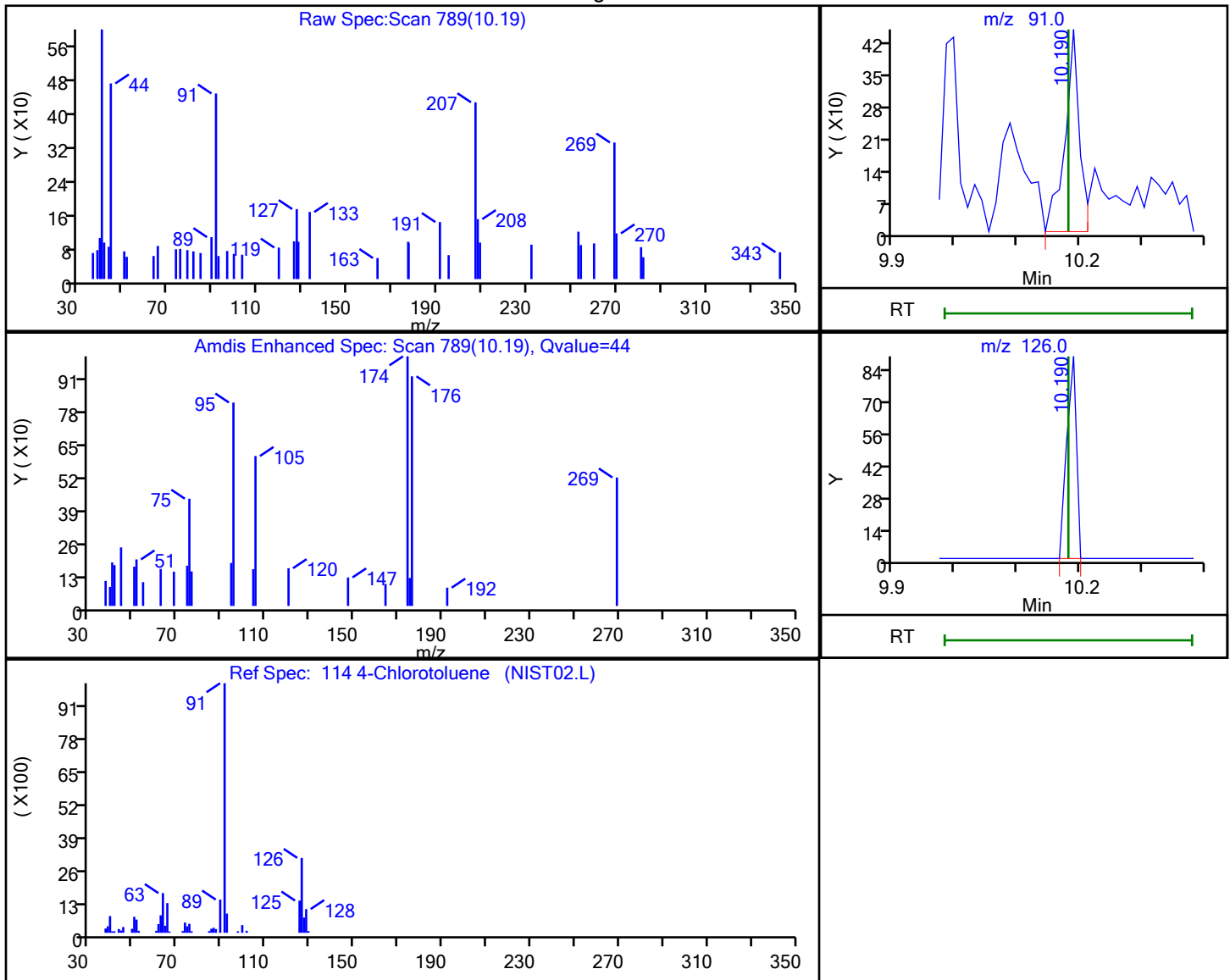
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.19	91.00	726	0.111934
10.19	126.00	97	

Reviewer: K0HS, 31-Aug-2022 14:02:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

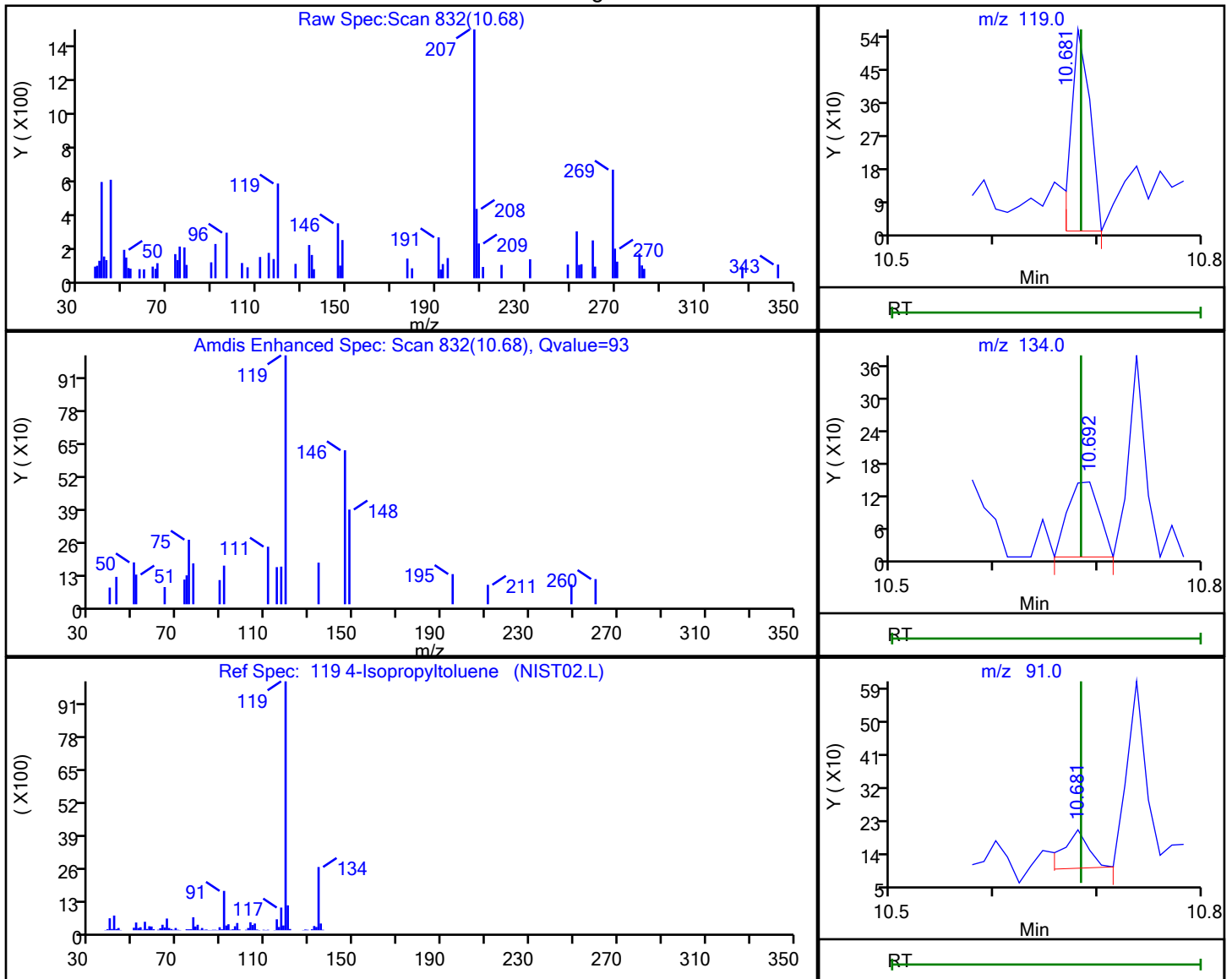
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.68	119.00	701	0.110751
10.69	134.00	292	
10.68	91.00	181	

Reviewer: K0HS, 31-Aug-2022 14:02:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

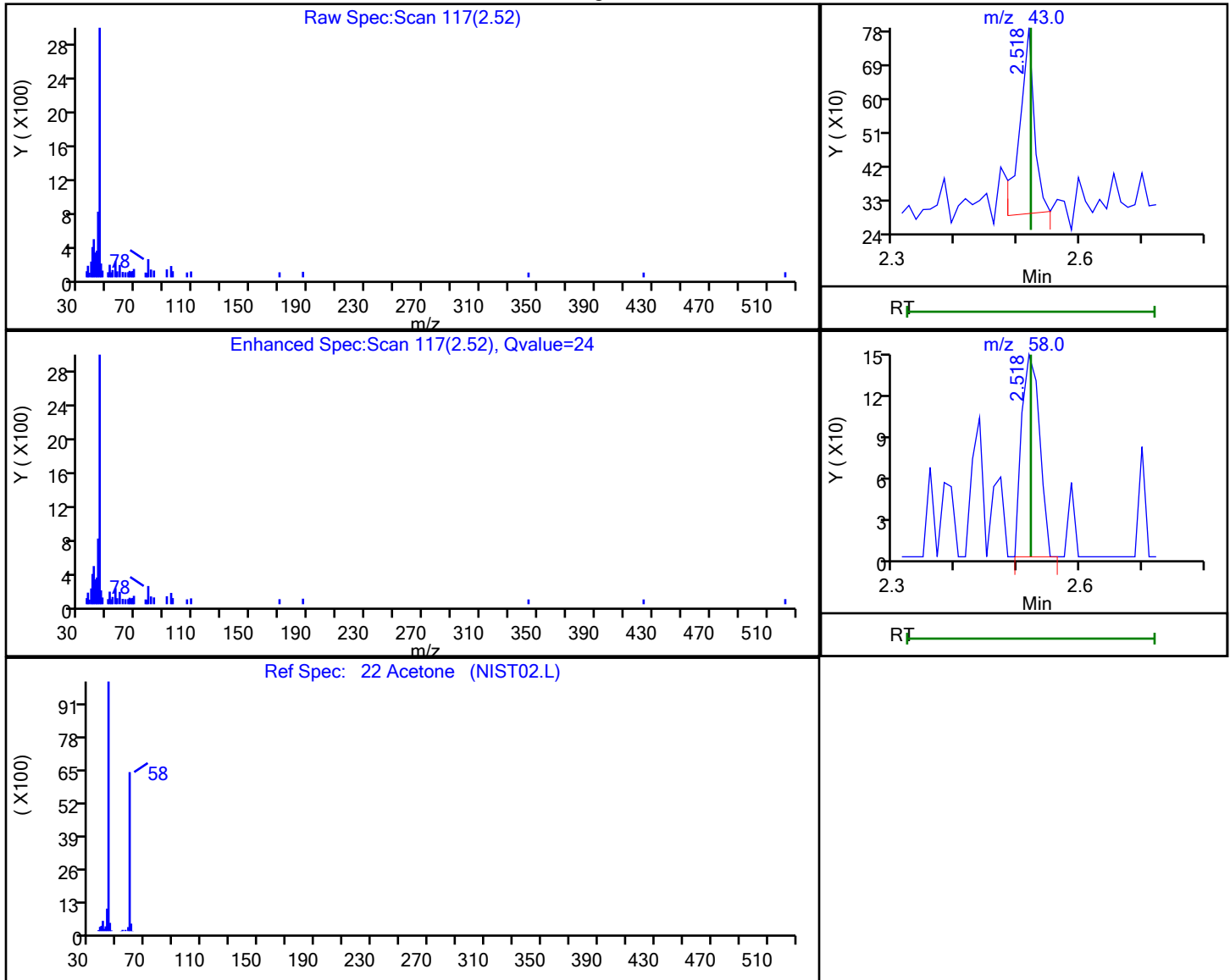
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.52	43.00	804	0.844078
2.52	58.00	296	

Reviewer: K0HS, 31-Aug-2022 14:01:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

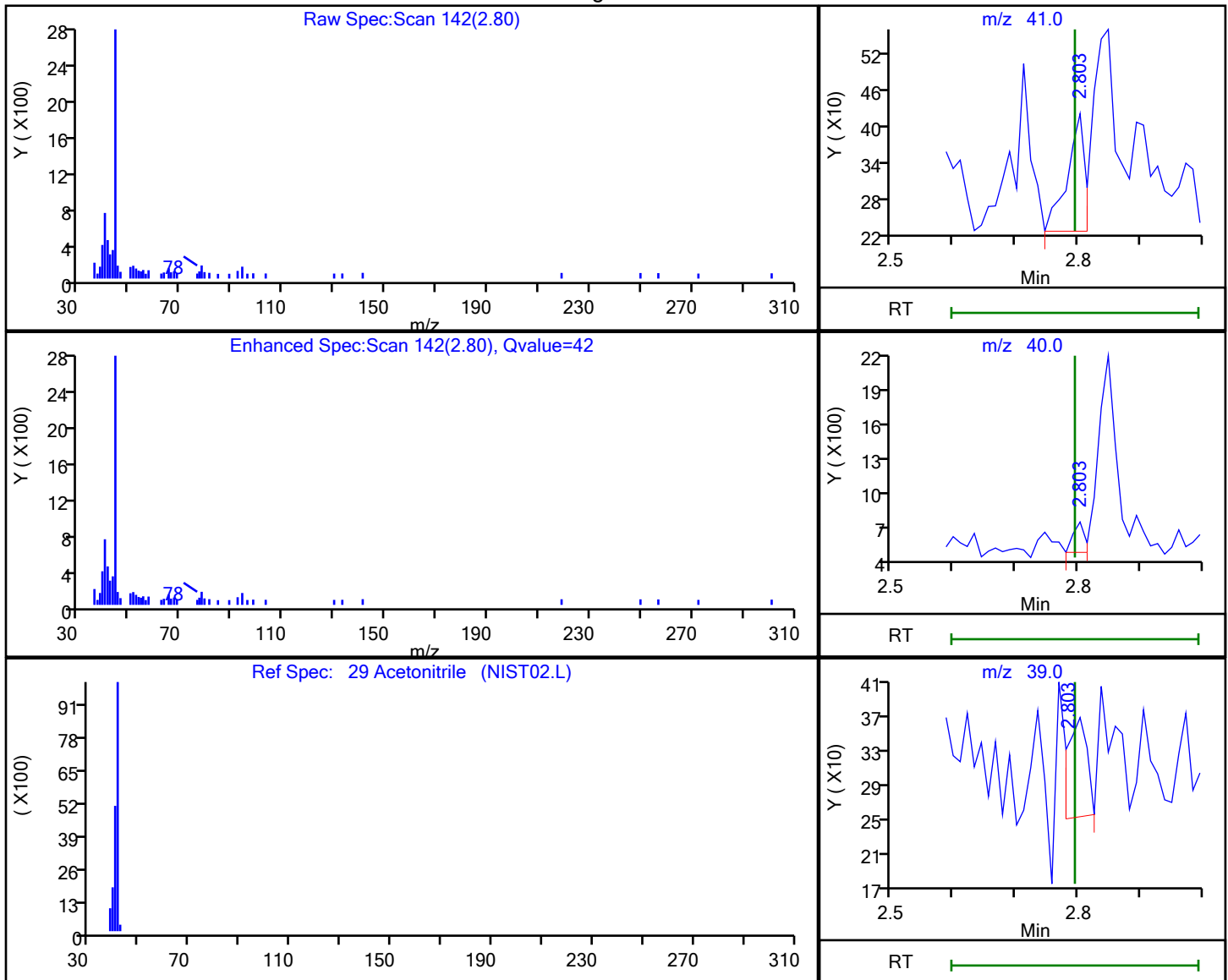
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.80	41.00	389	1.575283
2.80	40.00	340	
2.80	39.00	252	
2.79	38.00	49	

Reviewer: K0HS, 31-Aug-2022 14:01:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

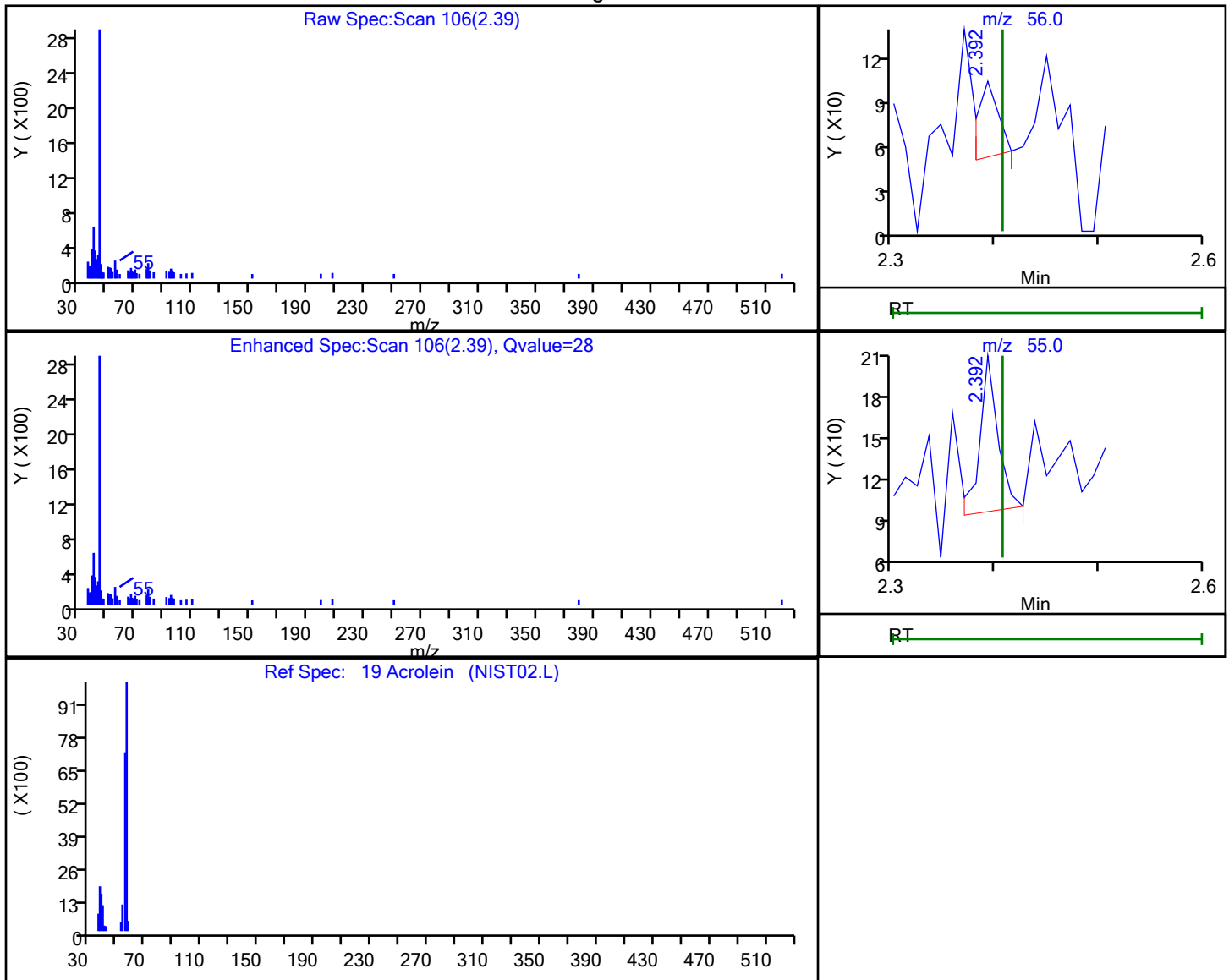
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.39	56.00	71	0.174990
2.39	55.00	130	

Reviewer: K0HS, 31-Aug-2022 14:01:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

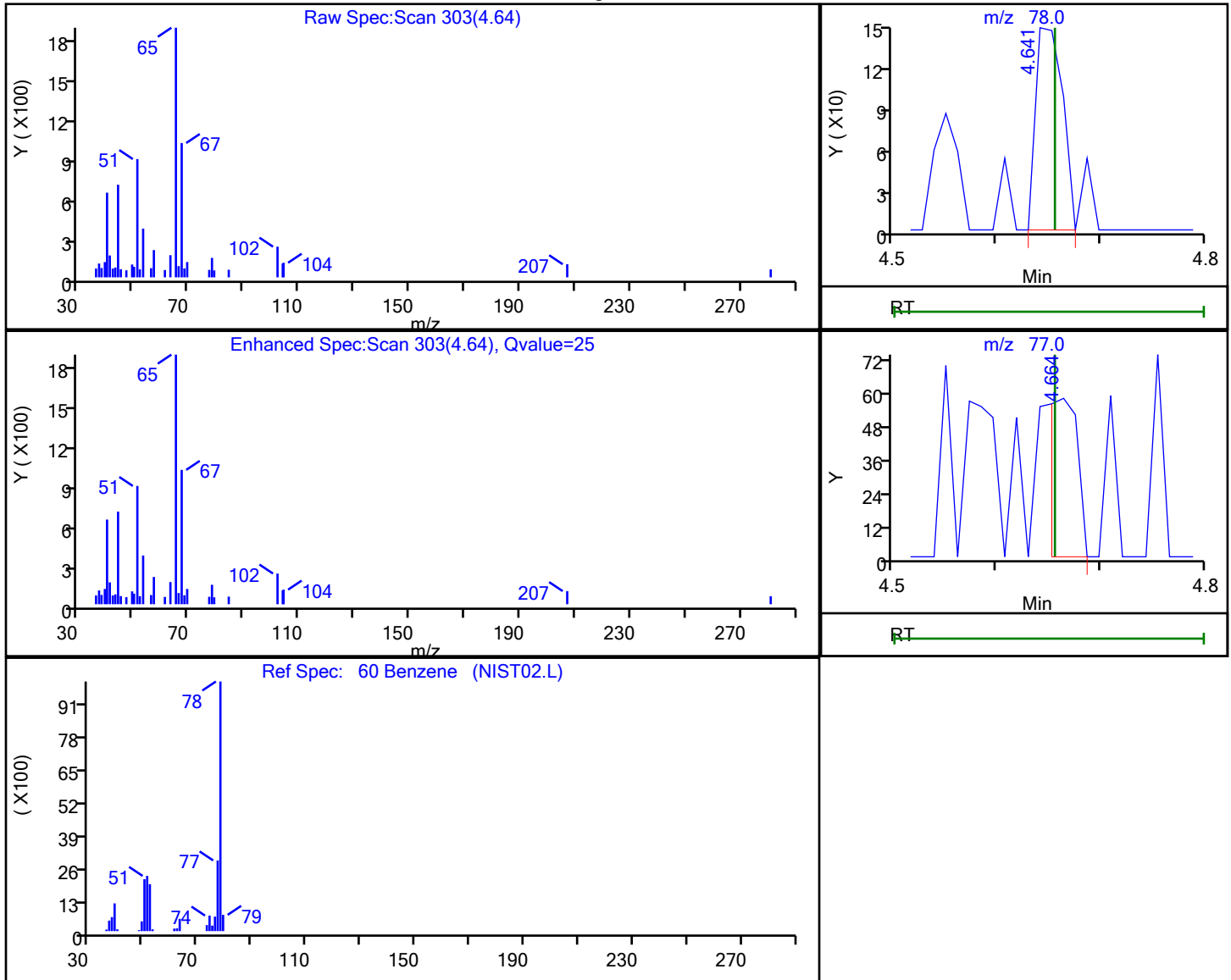
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.64	78.00	261	0.030480
4.66	77.00	114	

Reviewer: K0HS, 31-Aug-2022 14:02:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

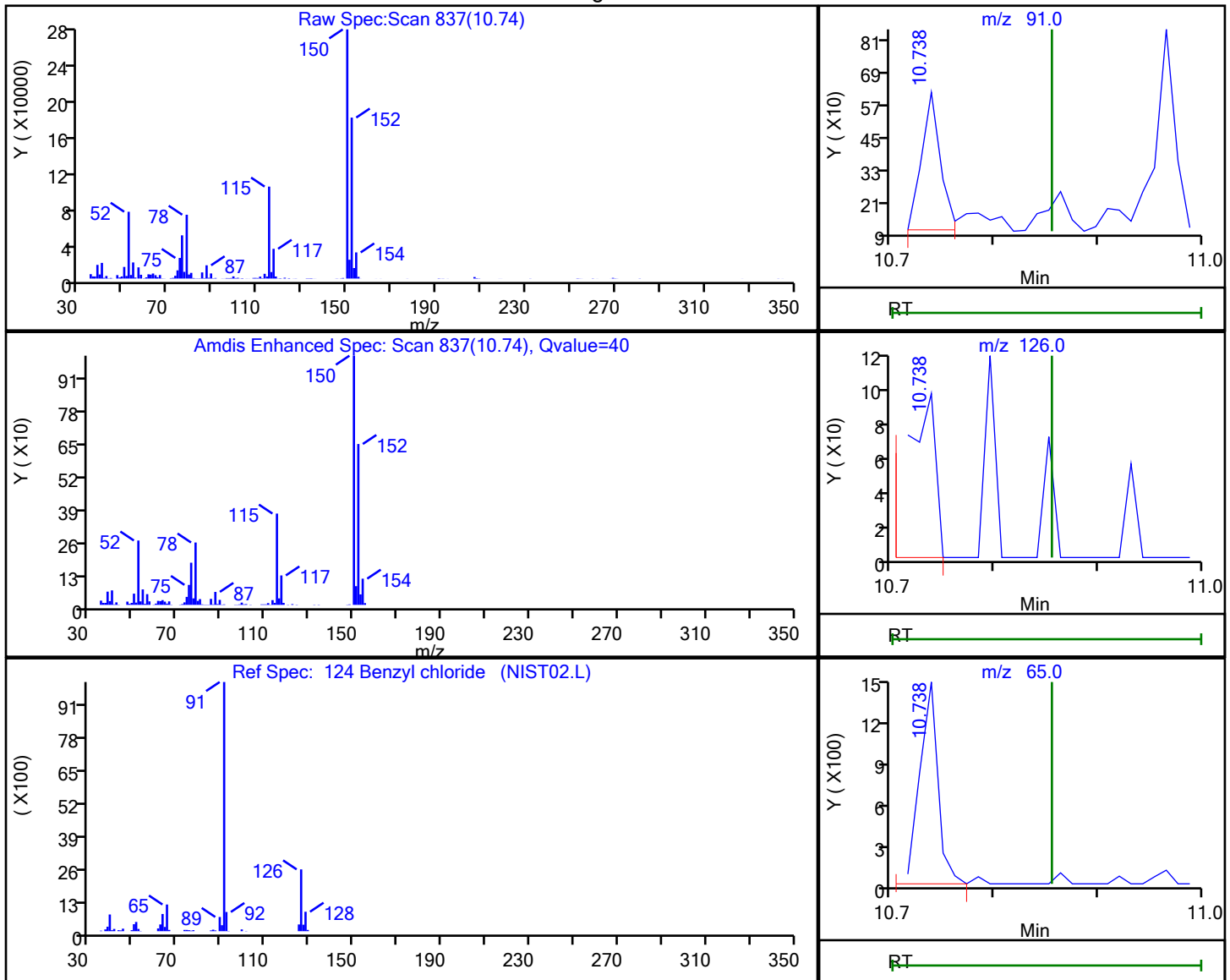
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.74	91.00	651	0.168578
10.74	126.00	153	
10.74	65.00	1779	

Reviewer: K0HS, 31-Aug-2022 14:02:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

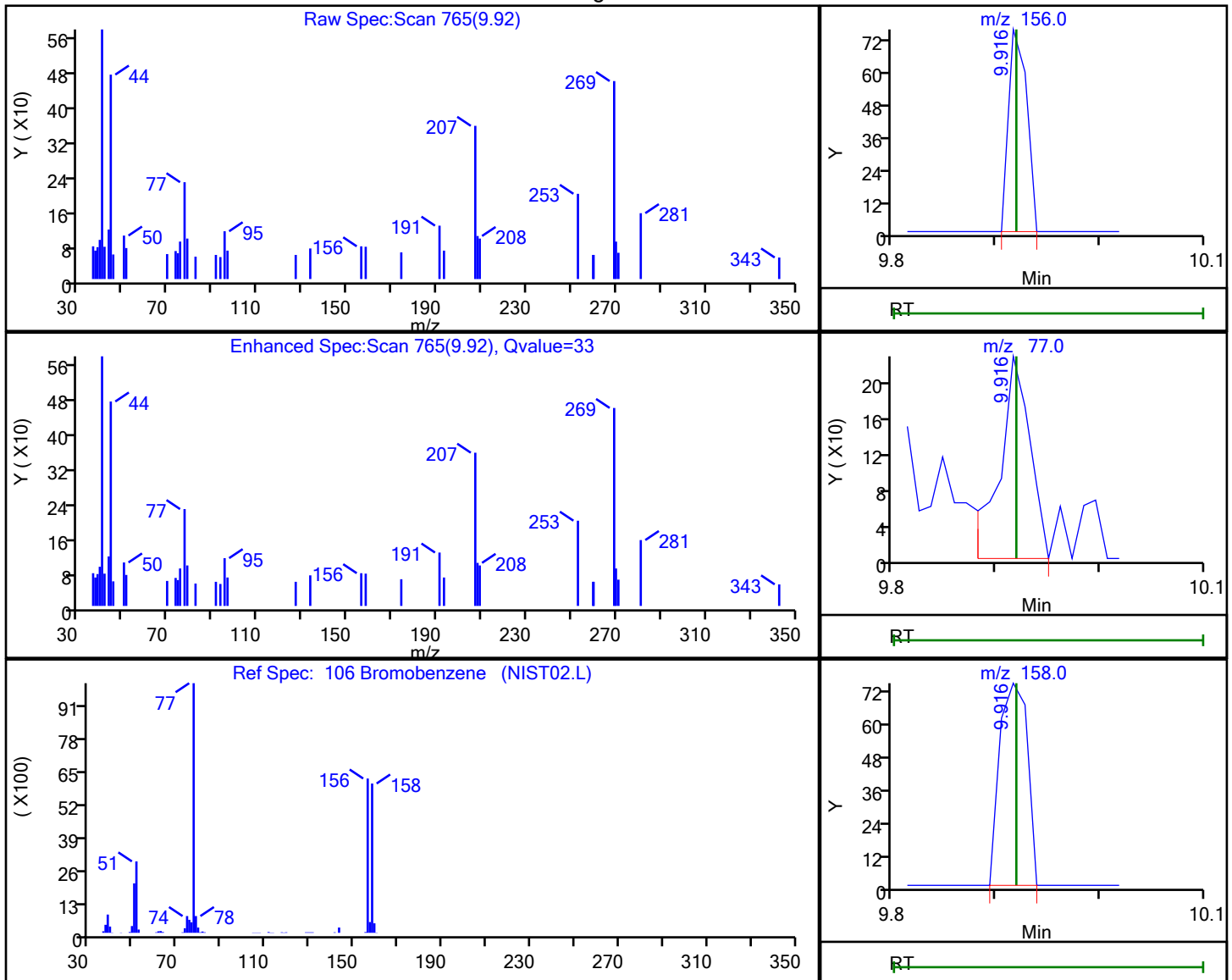
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.92	156.00	93	0.041300
9.92	77.00	466	
9.92	158.00	140	

Reviewer: K0HS, 31-Aug-2022 14:02:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

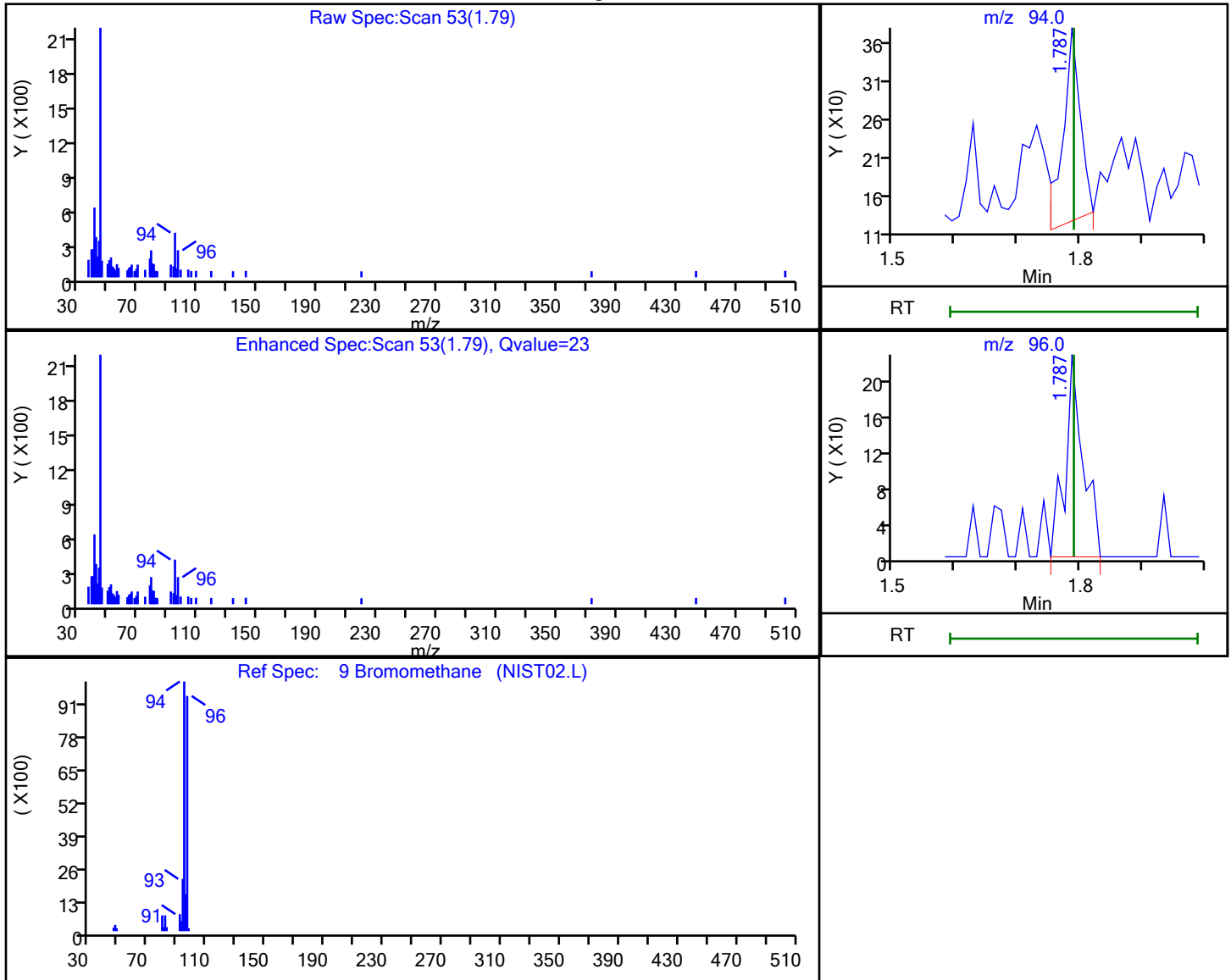
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.79	94.00	499	0.277927
1.79	96.00	461	

Reviewer: K0HS, 31-Aug-2022 14:01:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

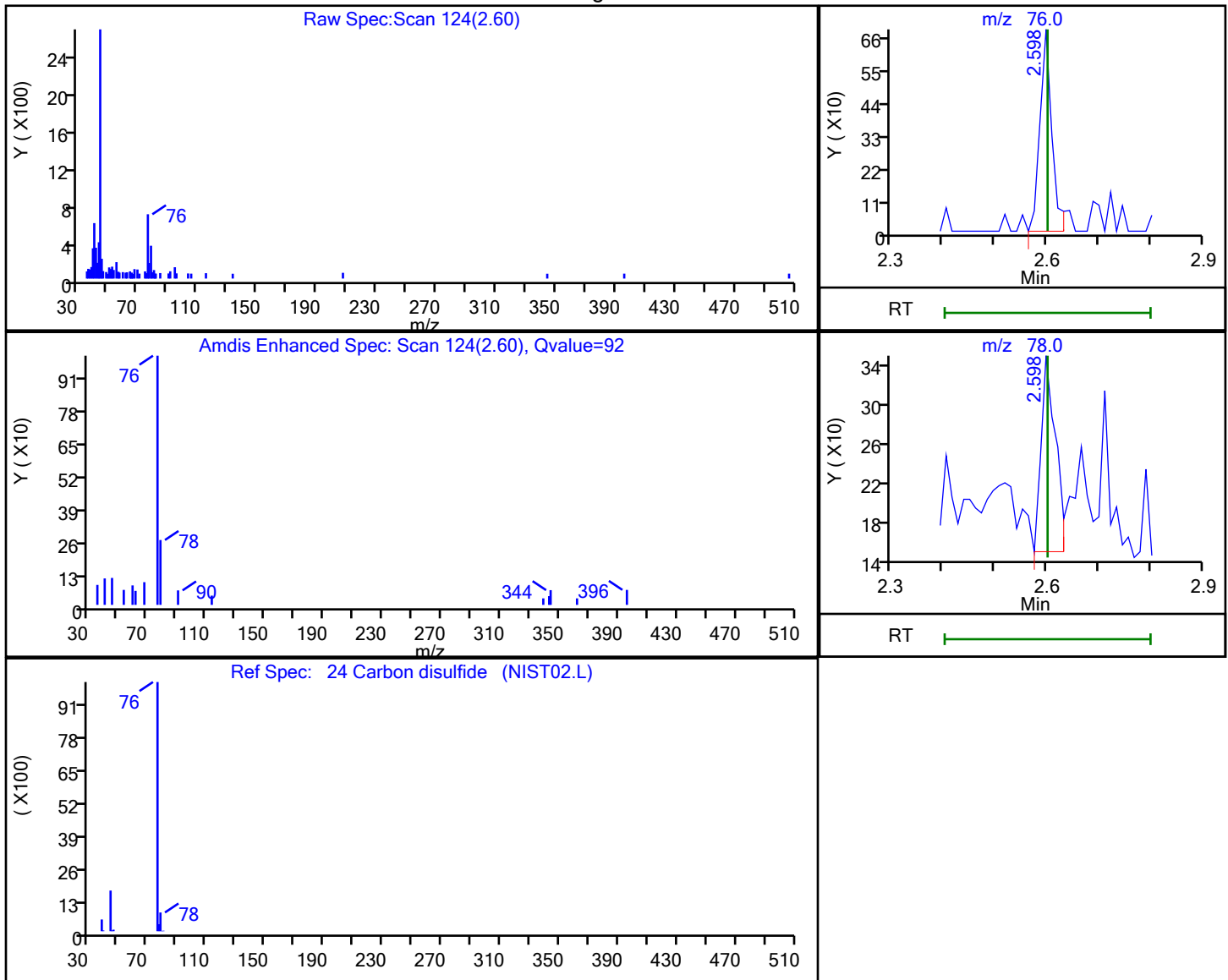
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.60	76.00	1096	0.144162
2.60	78.00	395	

Reviewer: K0HS, 31-Aug-2022 14:01:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

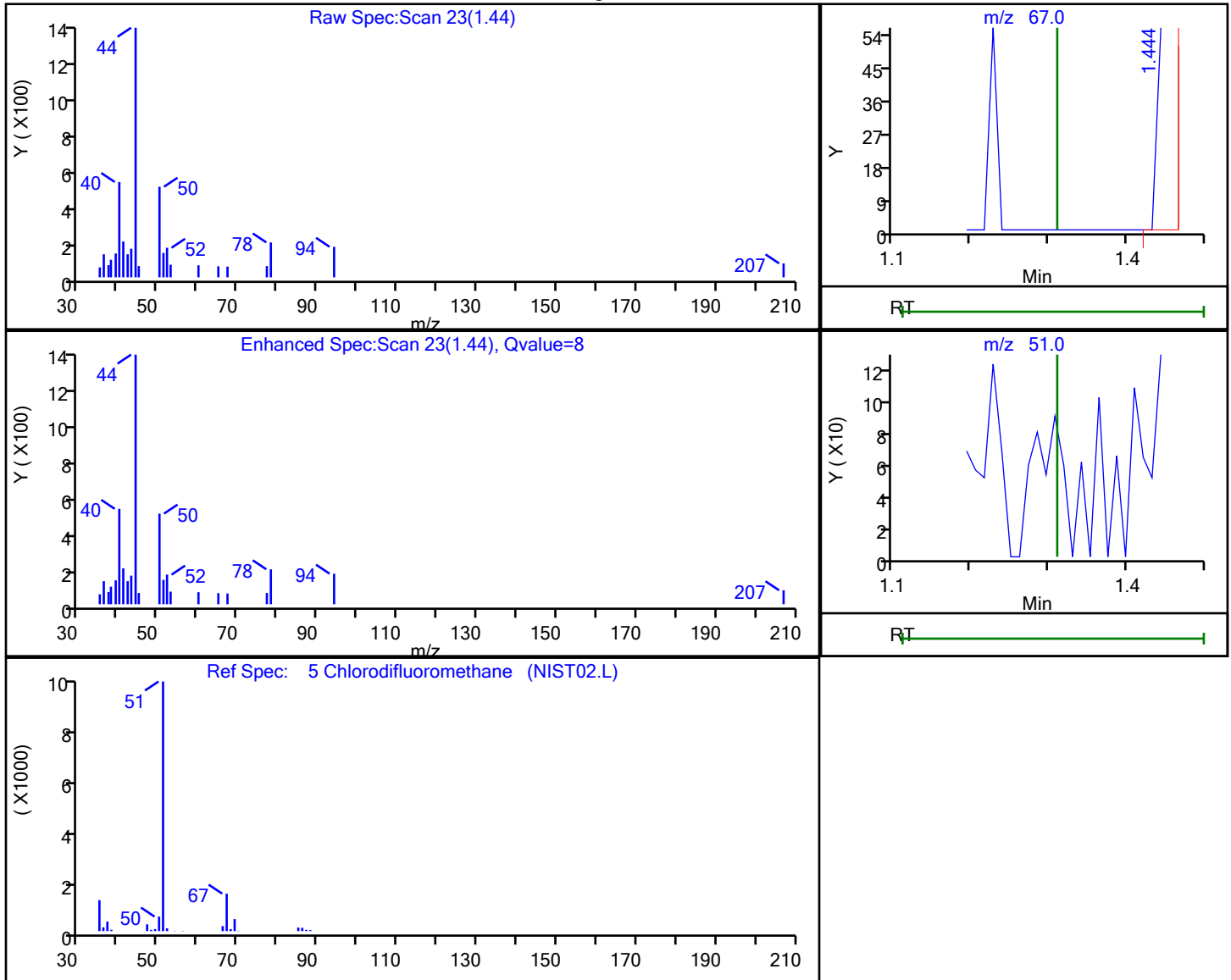
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.44	67.00	79	0.135720
1.46	51.00	819	

Reviewer: K0HS, 31-Aug-2022 14:01:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

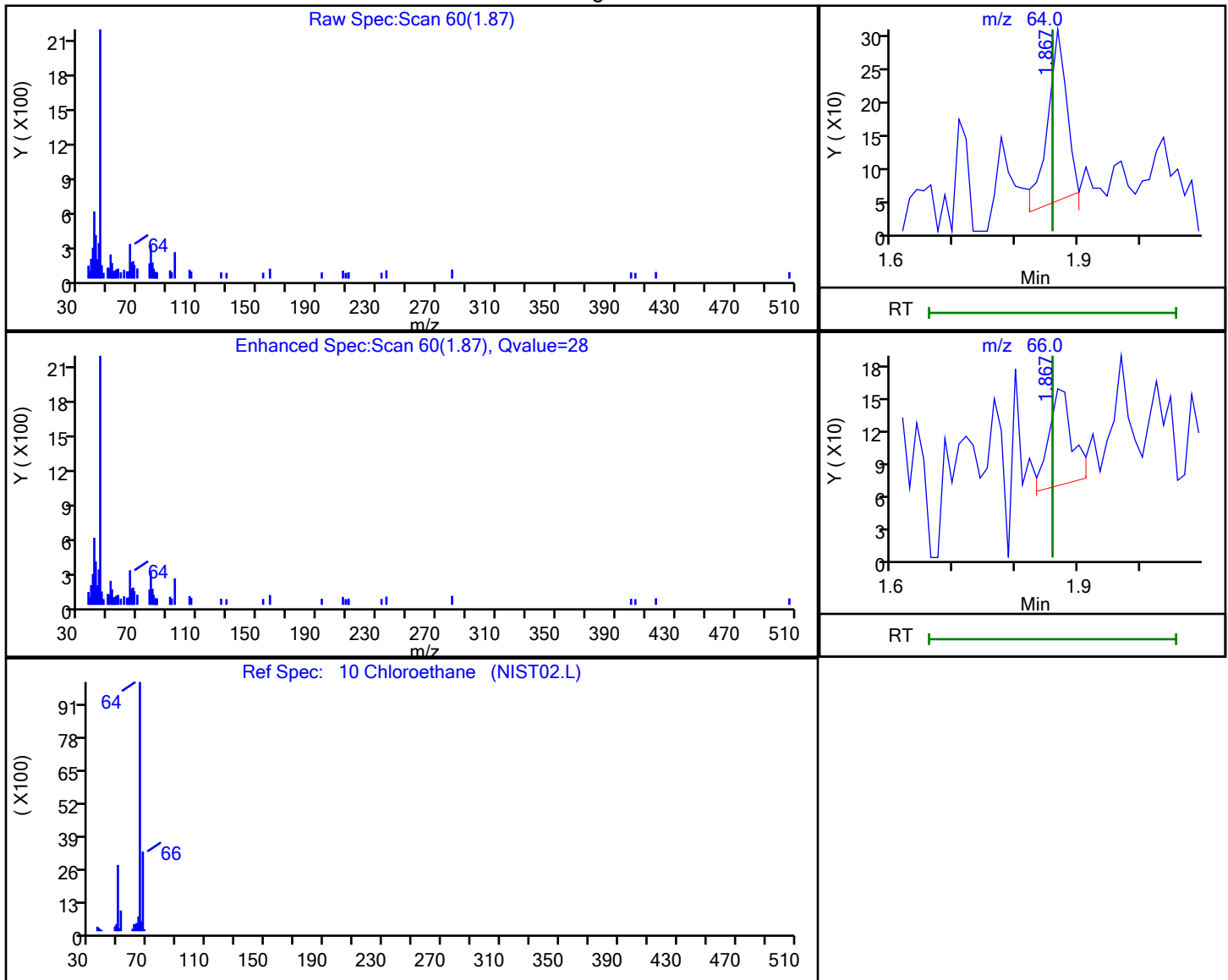
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.87	64.00	554	0.250000
1.87	66.00	235	

Reviewer: K0HS, 31-Aug-2022 14:01:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

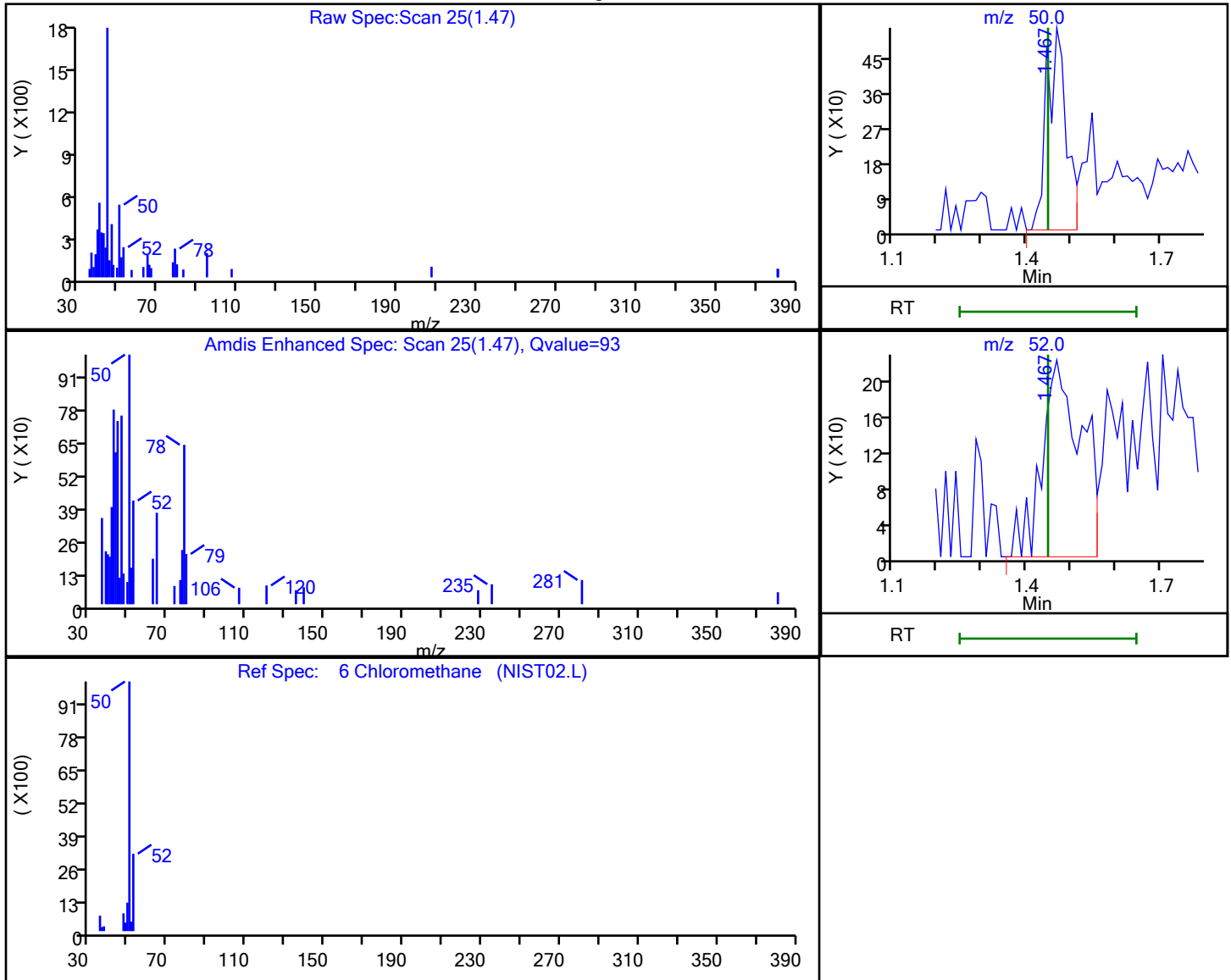
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.47	50.00	1607	0.281465
1.47	52.00	1344	

Reviewer: K0HS, 31-Aug-2022 14:01:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

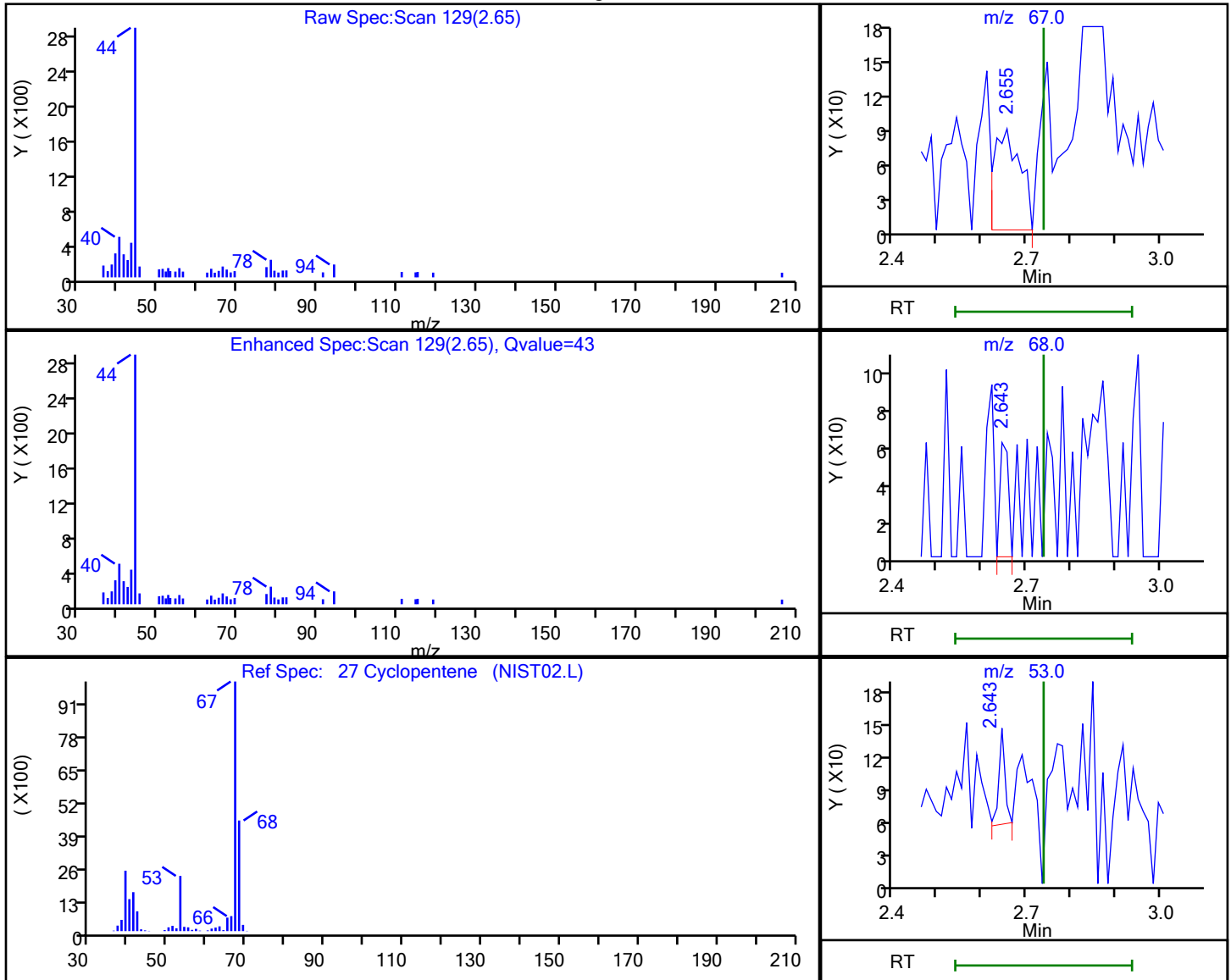
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.65	67.00	362	0.059234
2.64	68.00	80	
2.64	53.00	84	

Reviewer: K0HS, 31-Aug-2022 14:01:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

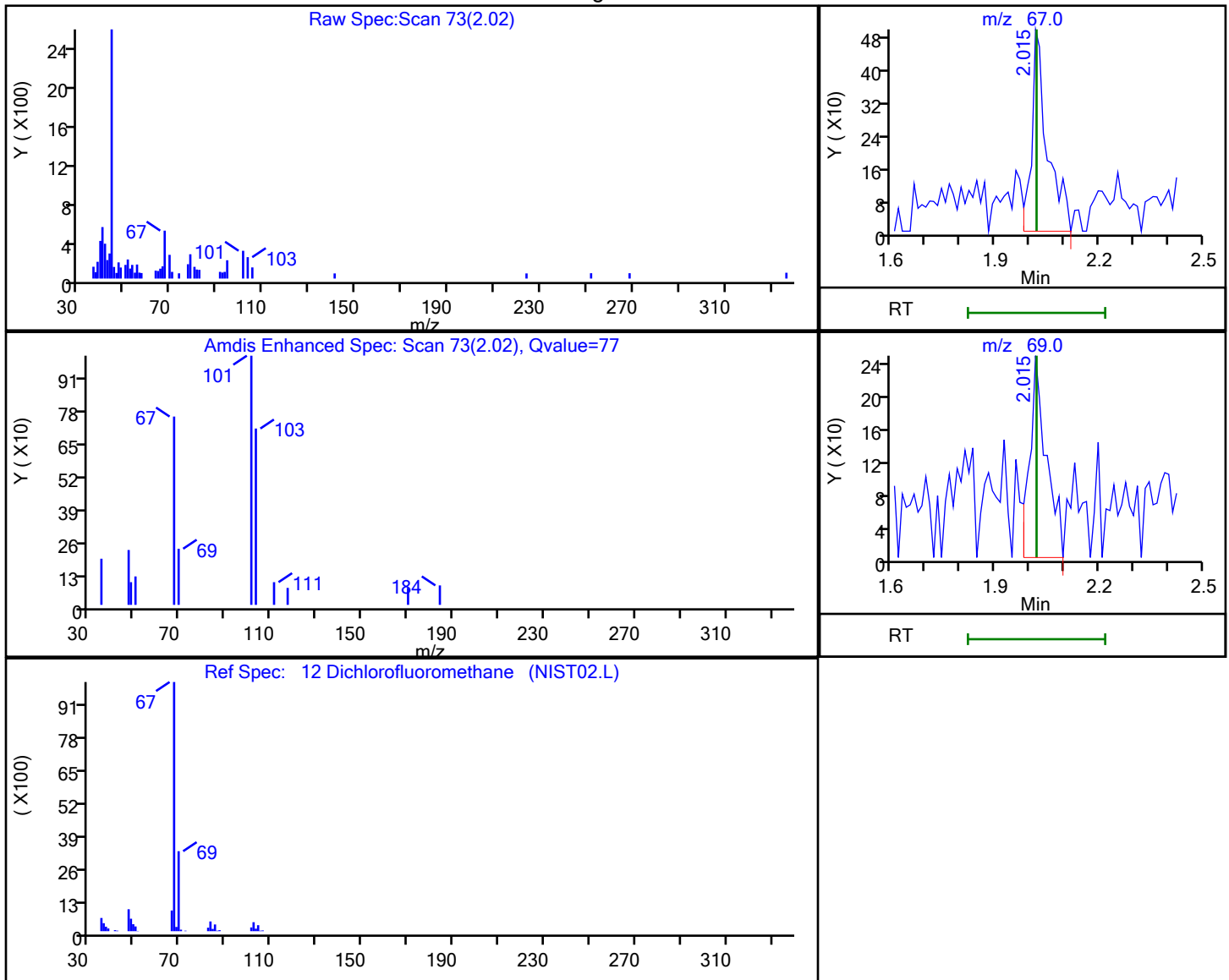
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.02	67.00	1564	0.269694
2.02	69.00	823	

Reviewer: K0HS, 31-Aug-2022 14:01:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

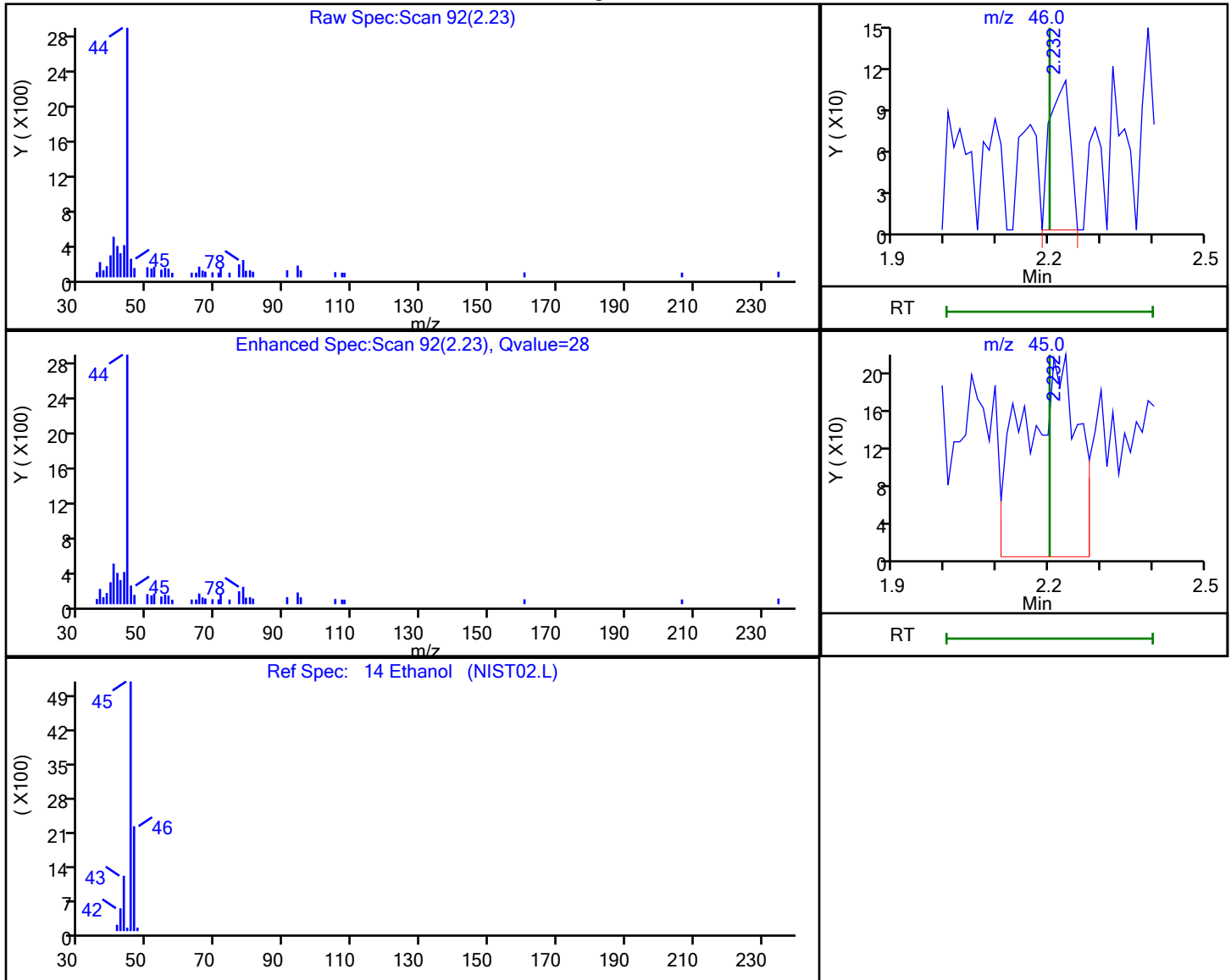
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.23	46.00	286	13.024747
2.23	45.00	1526	

Reviewer: K0HS, 31-Aug-2022 14:01:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

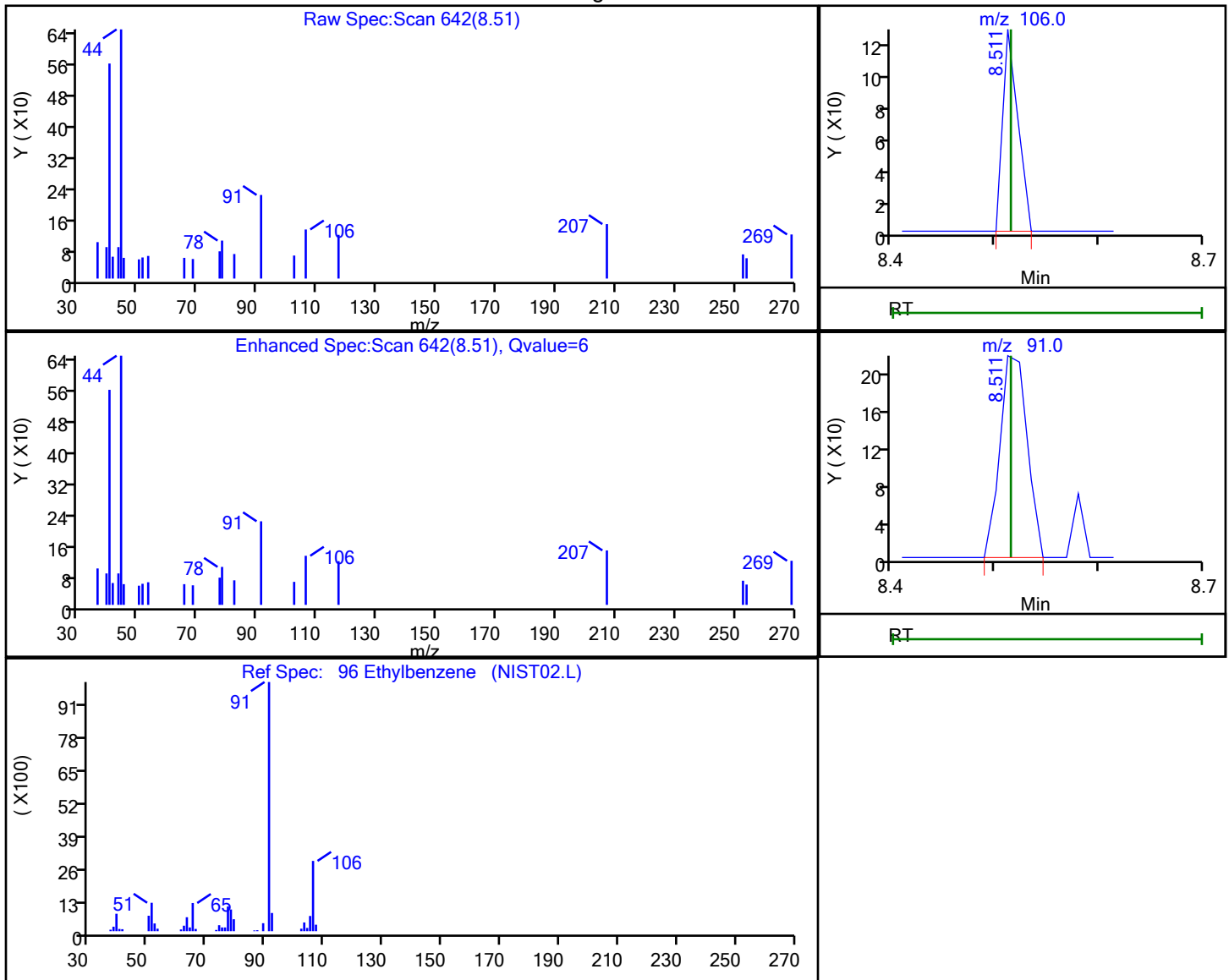
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.51	106.00	130	0.049962
8.51	91.00	401	

Reviewer: K0HS, 31-Aug-2022 14:02:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

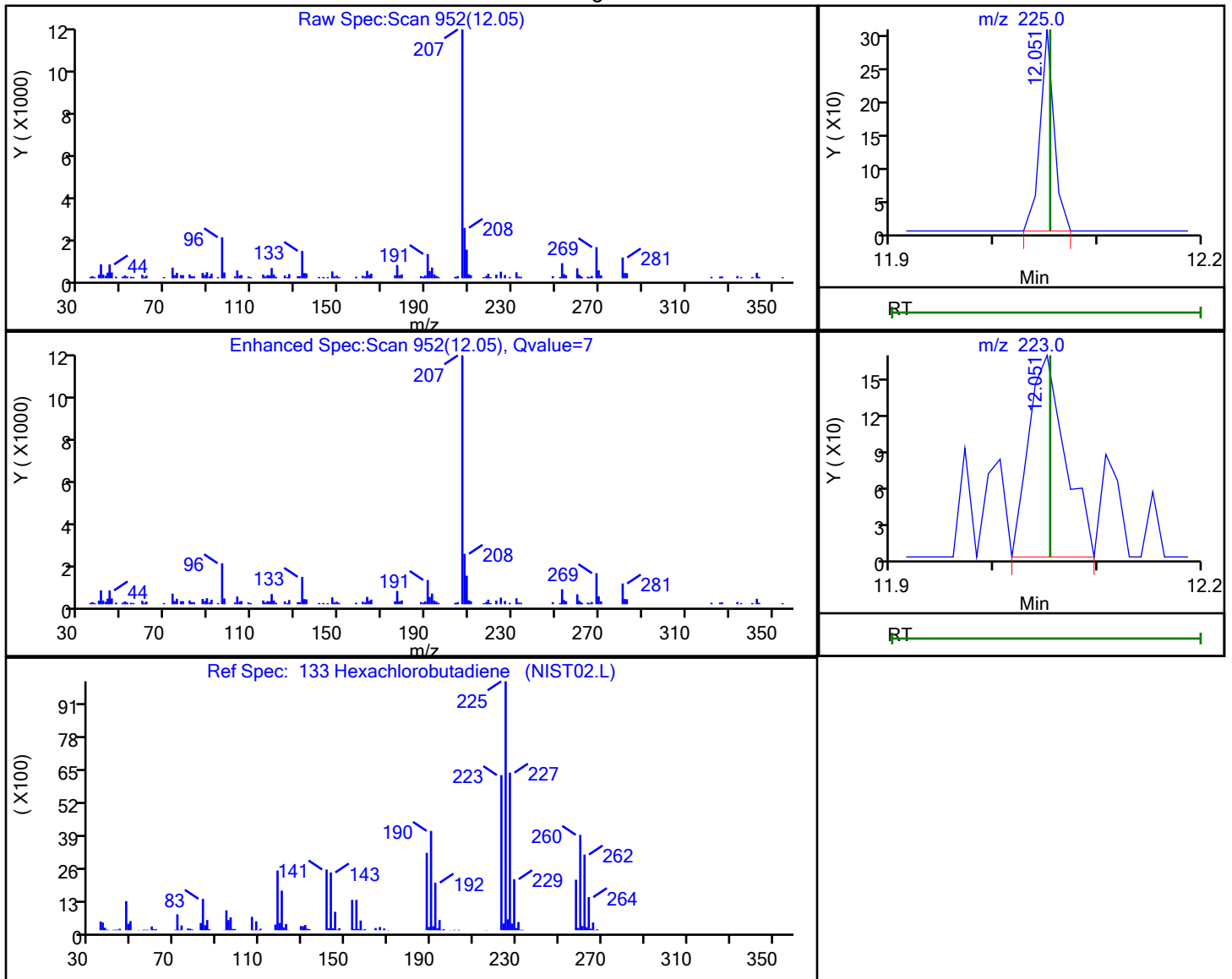
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.05	225.00	288	0.264200
12.05	223.00	411	

Reviewer: K0HS, 31-Aug-2022 14:02:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

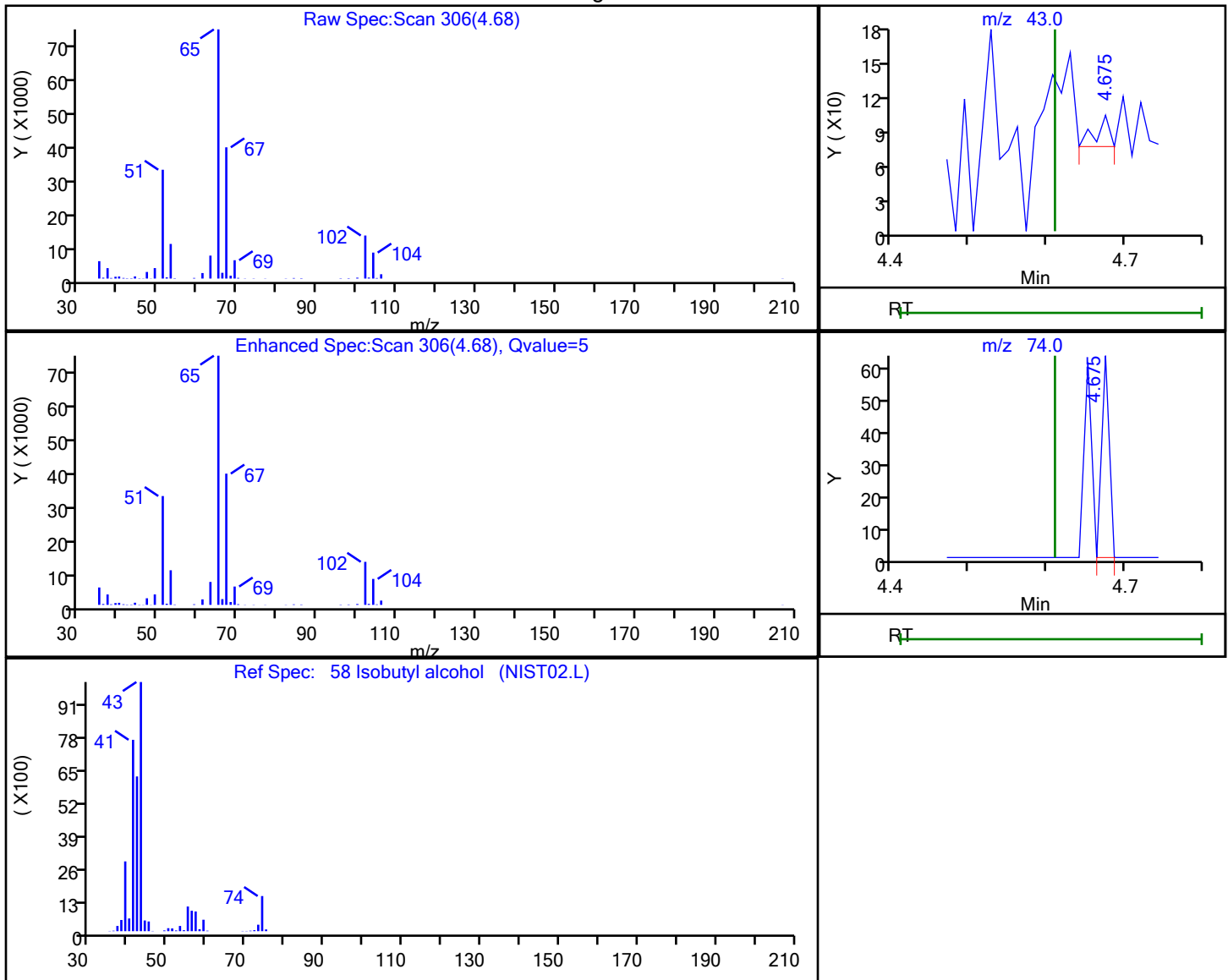
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.68	43.00	32	0.143170
4.68	74.00	44	

Reviewer: K0HS, 31-Aug-2022 14:02:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

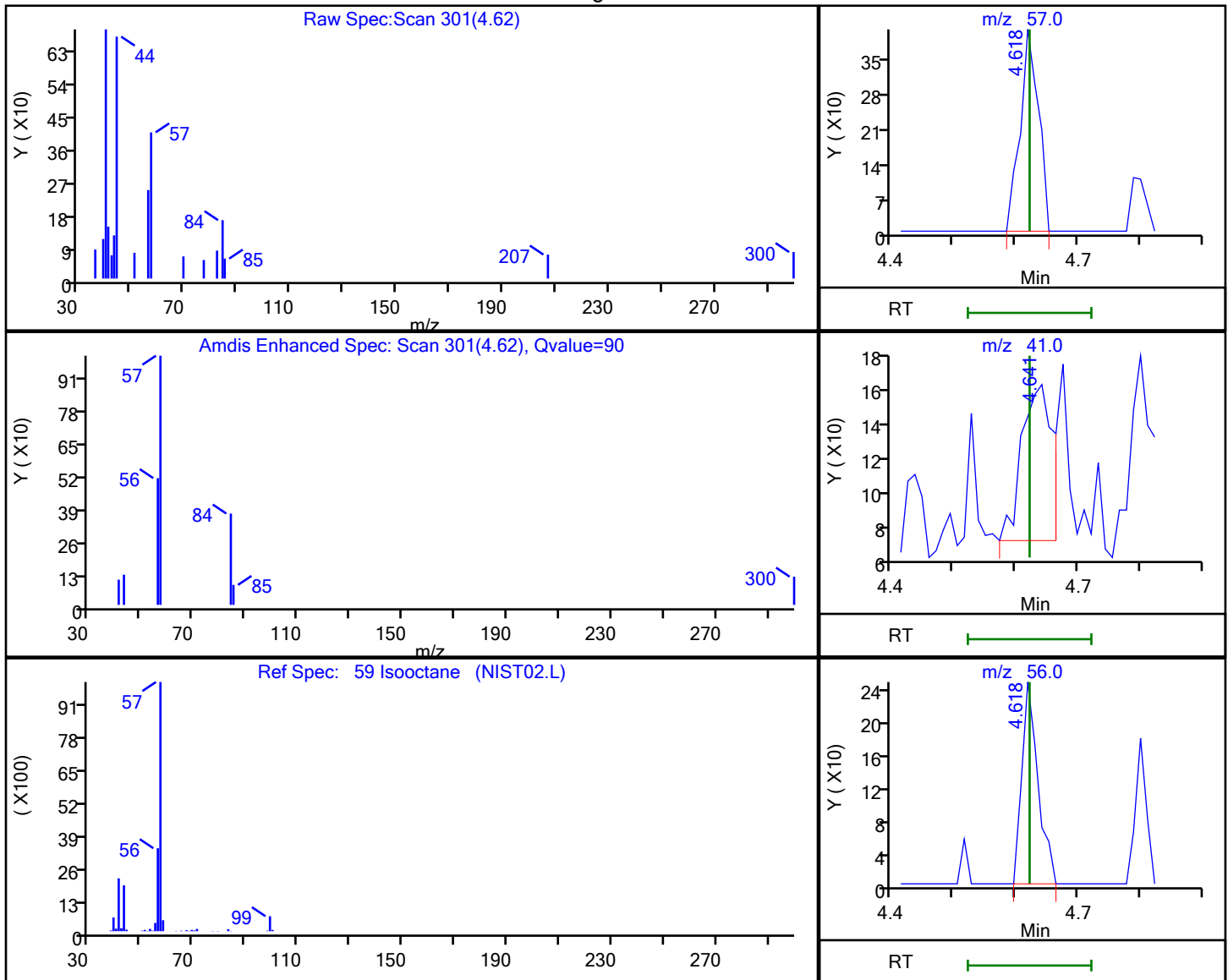
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.62	57.00	832	0.163022
4.64	41.00	320	
4.62	56.00	443	

Reviewer: K0HS, 31-Aug-2022 14:02:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

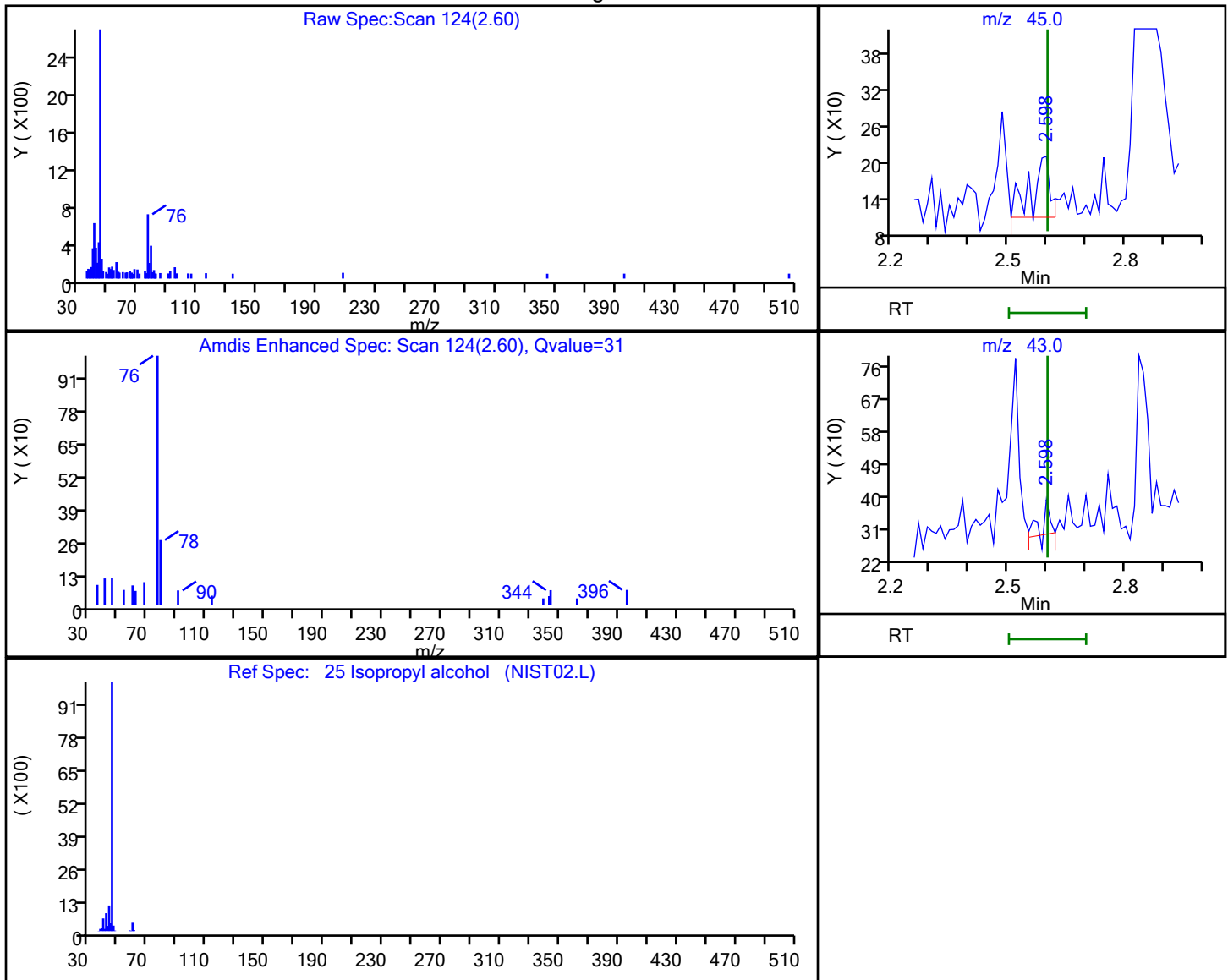
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.60	45.00	332	2.908146
2.60	43.00	130	

Reviewer: K0HS, 31-Aug-2022 14:01:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

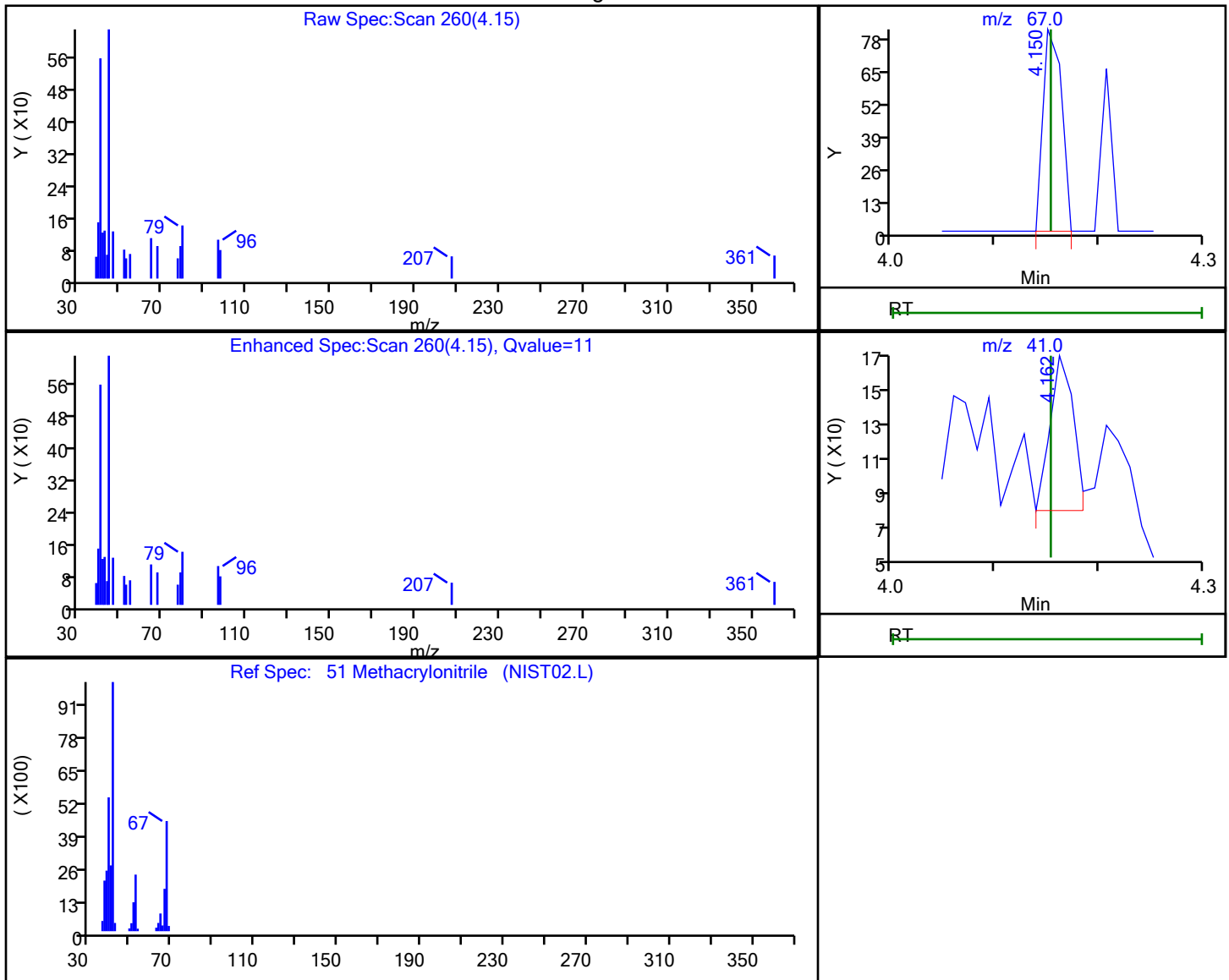
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.15	67.00	103	0.129147
4.16	41.00	141	

Reviewer: K0HS, 31-Aug-2022 14:02:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

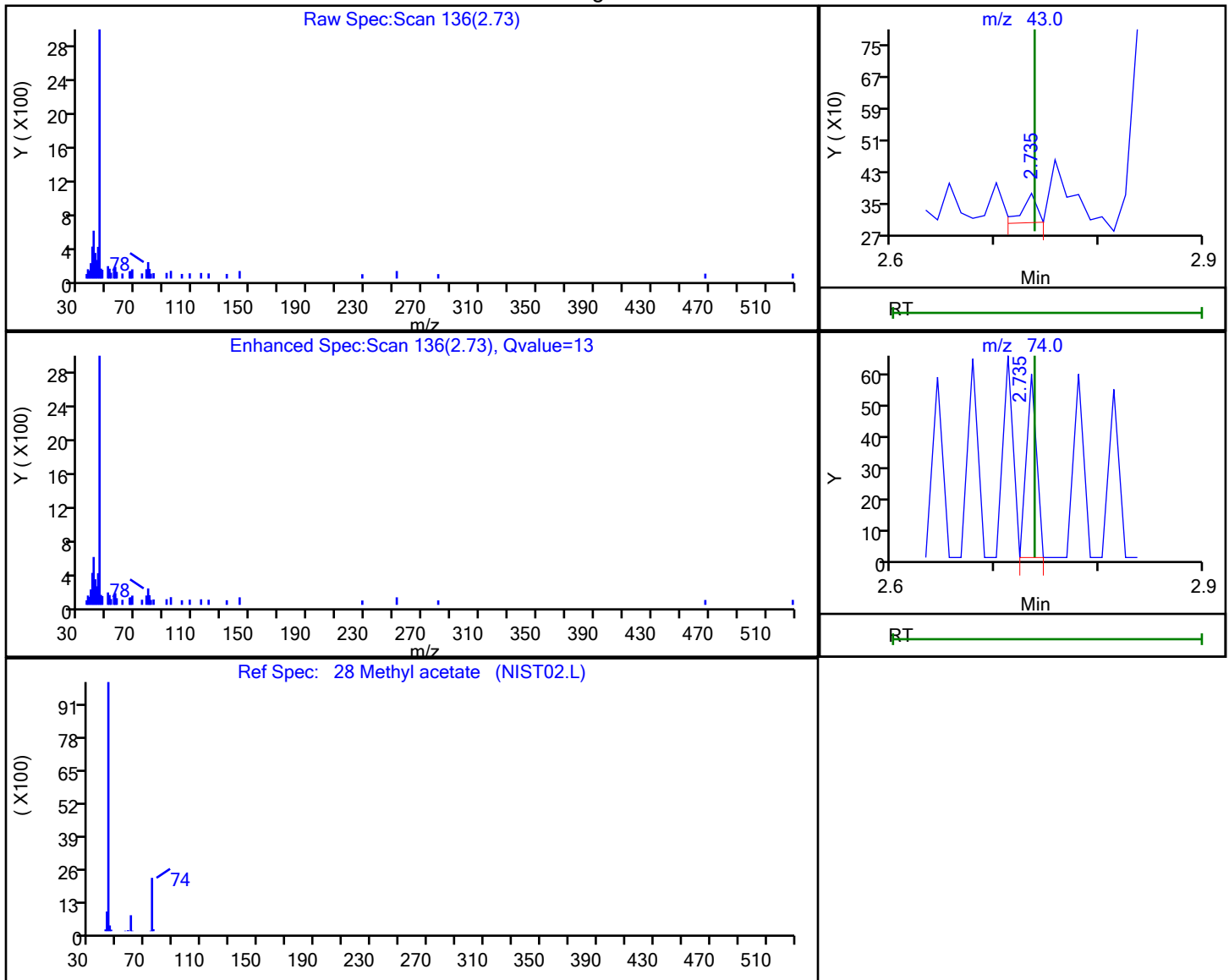
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.73	43.00	76	0.034405
2.73	74.00	41	

Reviewer: K0HS, 31-Aug-2022 14:01:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

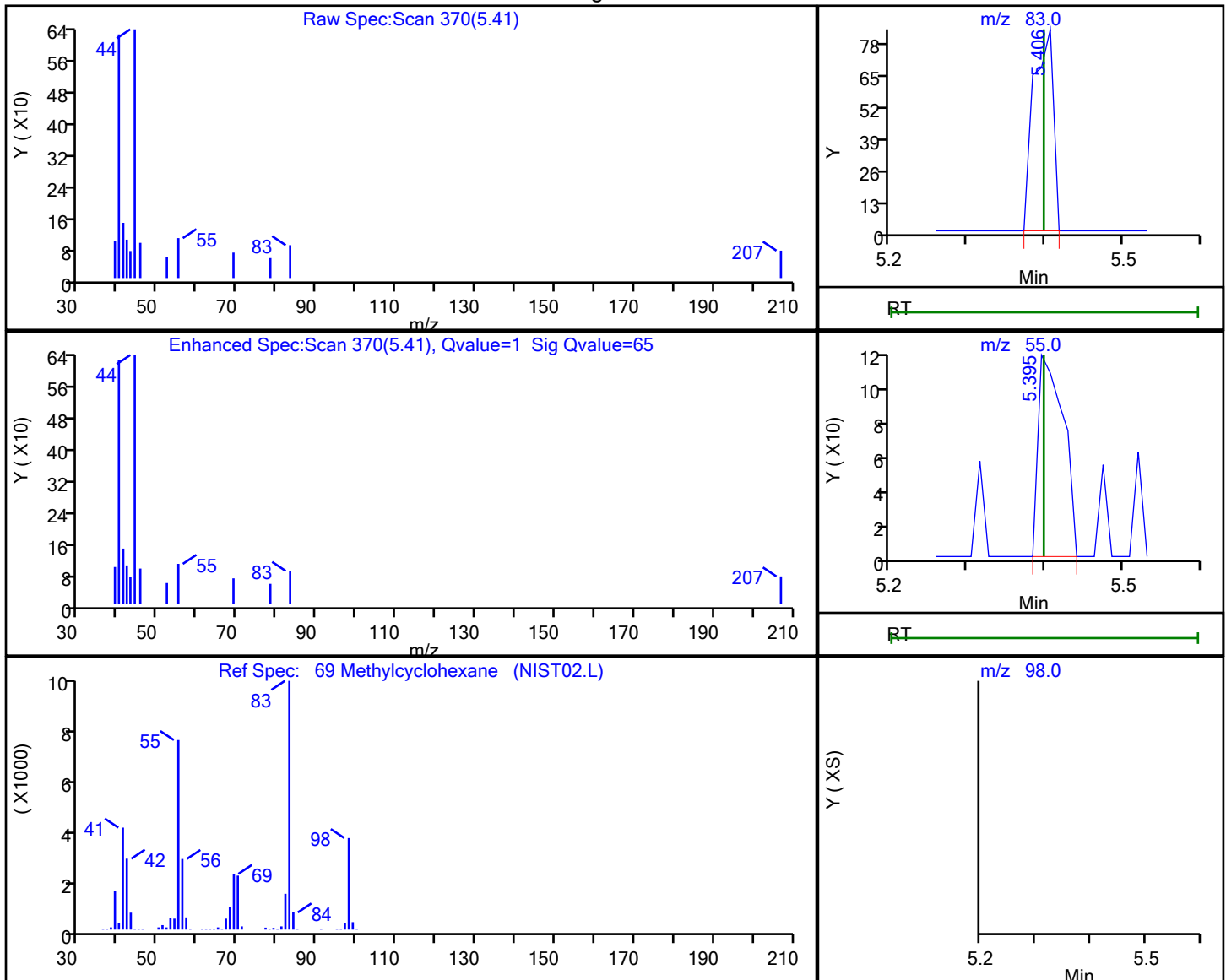
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

69 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.41	83.00	149	0.048716
5.39	55.00	253	
5.39	98.00	0	

Reviewer: K0HS, 31-Aug-2022 14:03:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

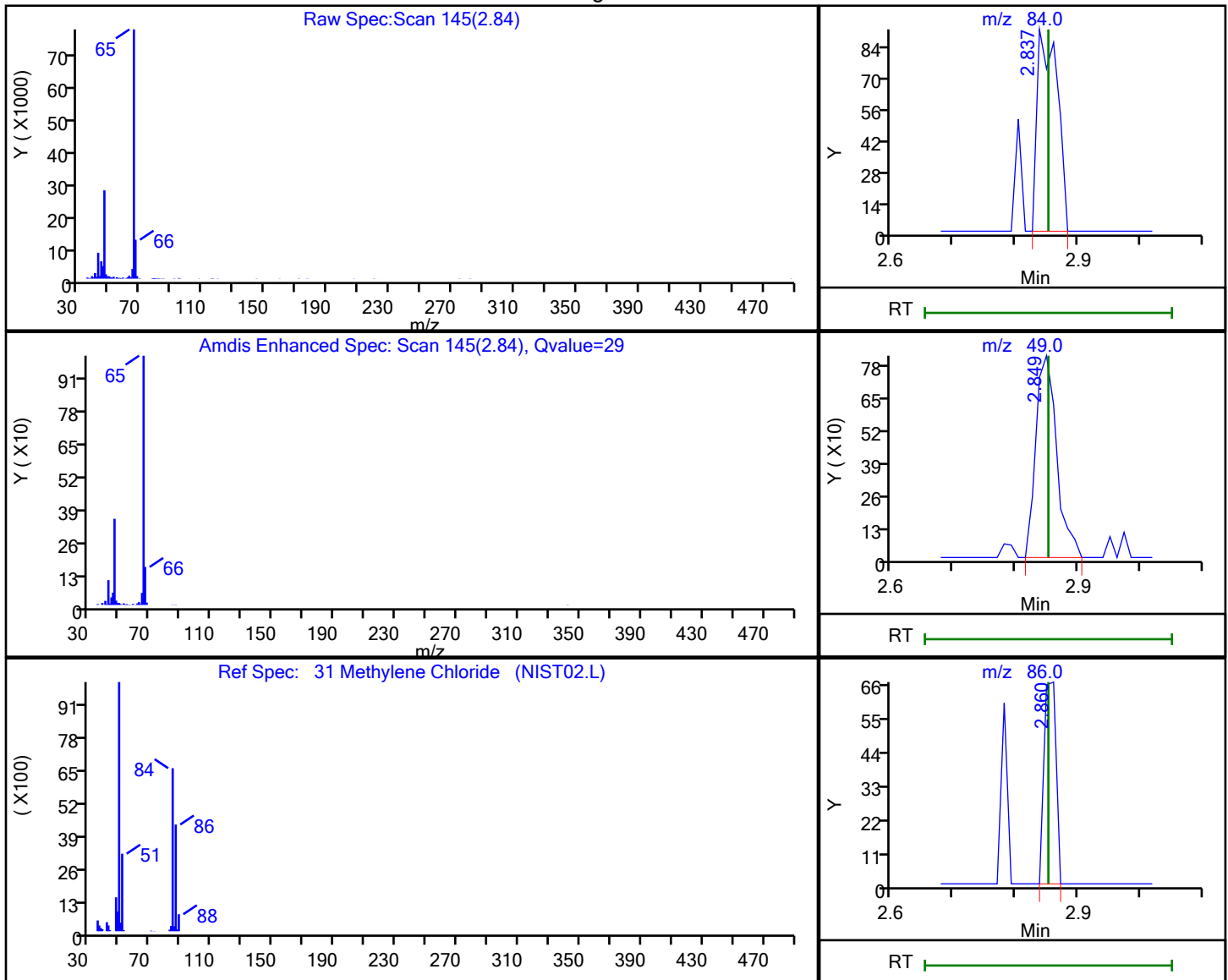
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.84	84.00	208	0.084123
2.85	49.00	1906	
2.86	86.00	91	

Reviewer: K0HS, 31-Aug-2022 14:01:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

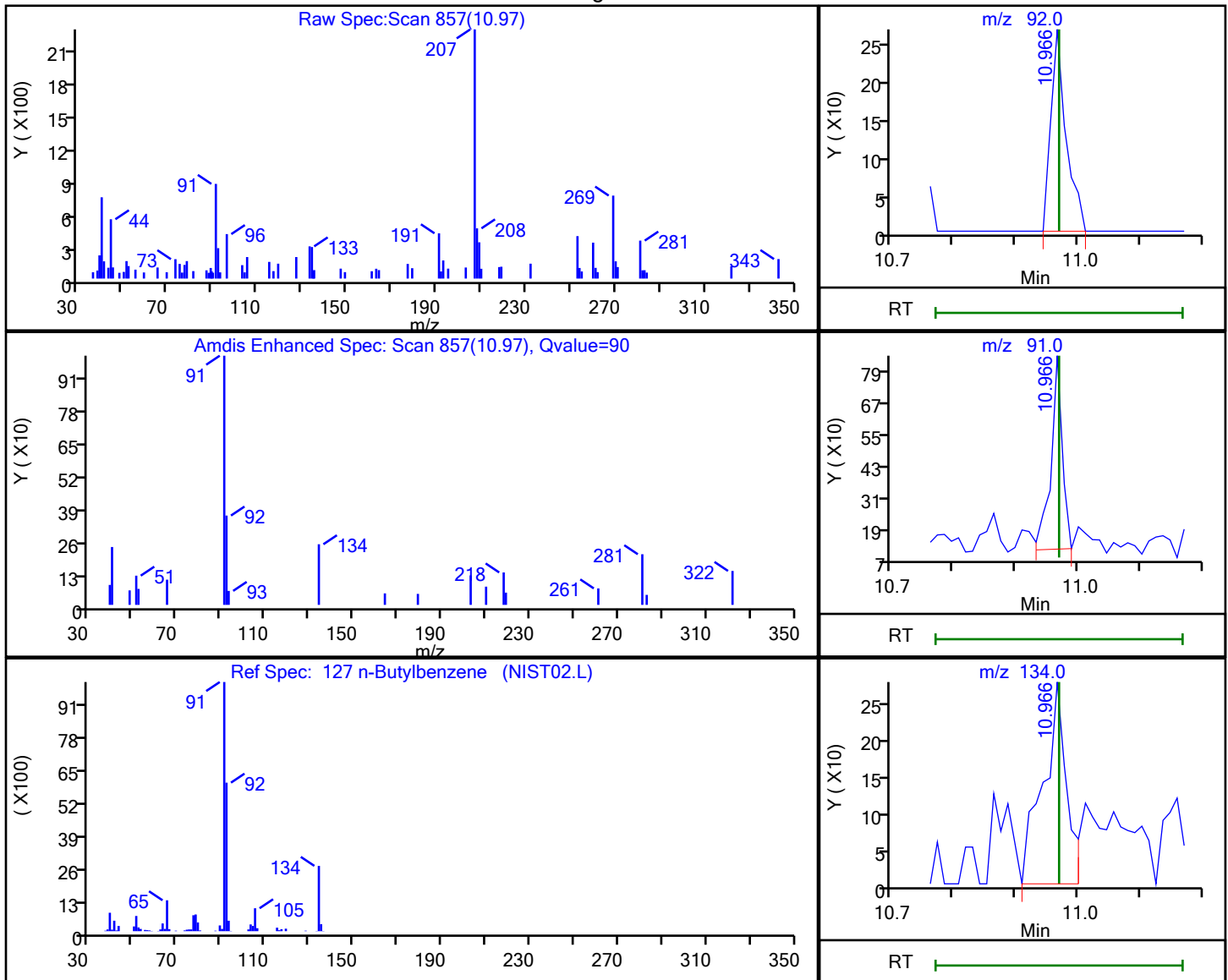
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.97	92.00	462	0.136513
10.97	91.00	942	
10.97	134.00	740	

Reviewer: K0HS, 31-Aug-2022 14:02:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

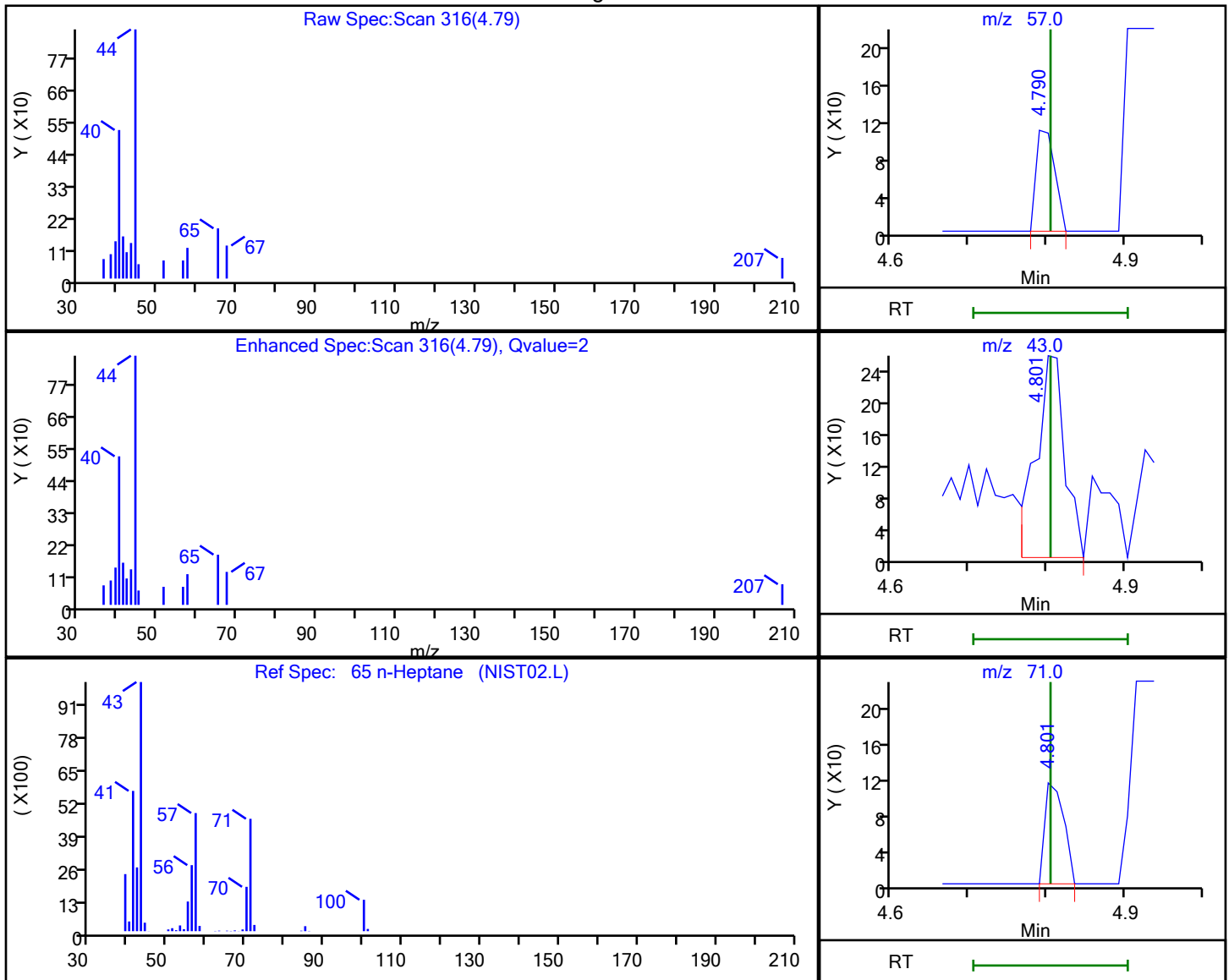
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.79	57.00	180	0.156669
4.80	43.00	667	
4.80	71.00	194	

Reviewer: K0HS, 31-Aug-2022 14:02:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

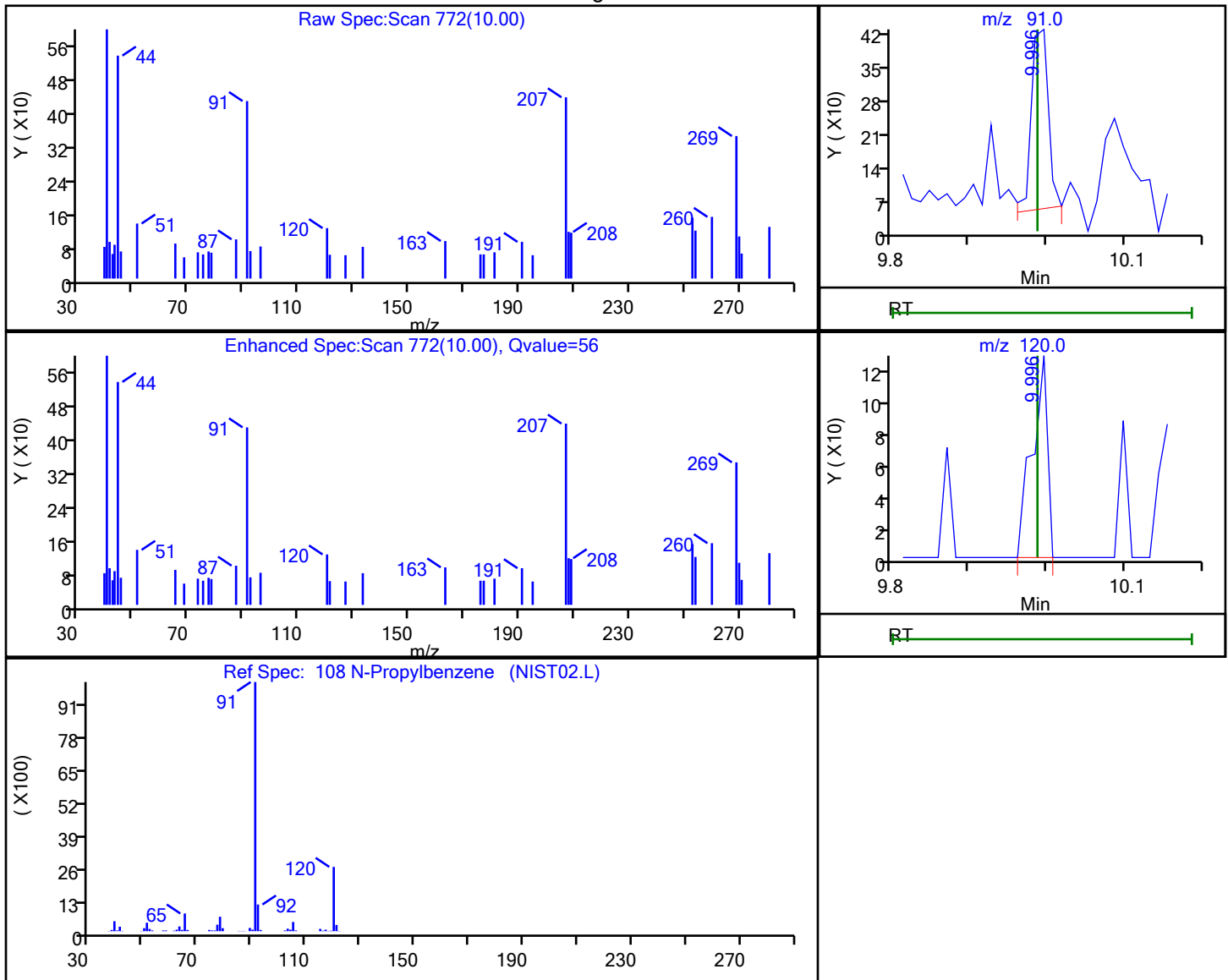
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.00	91.00	582	0.057725
10.00	120.00	166	

Reviewer: K0HS, 31-Aug-2022 14:02:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

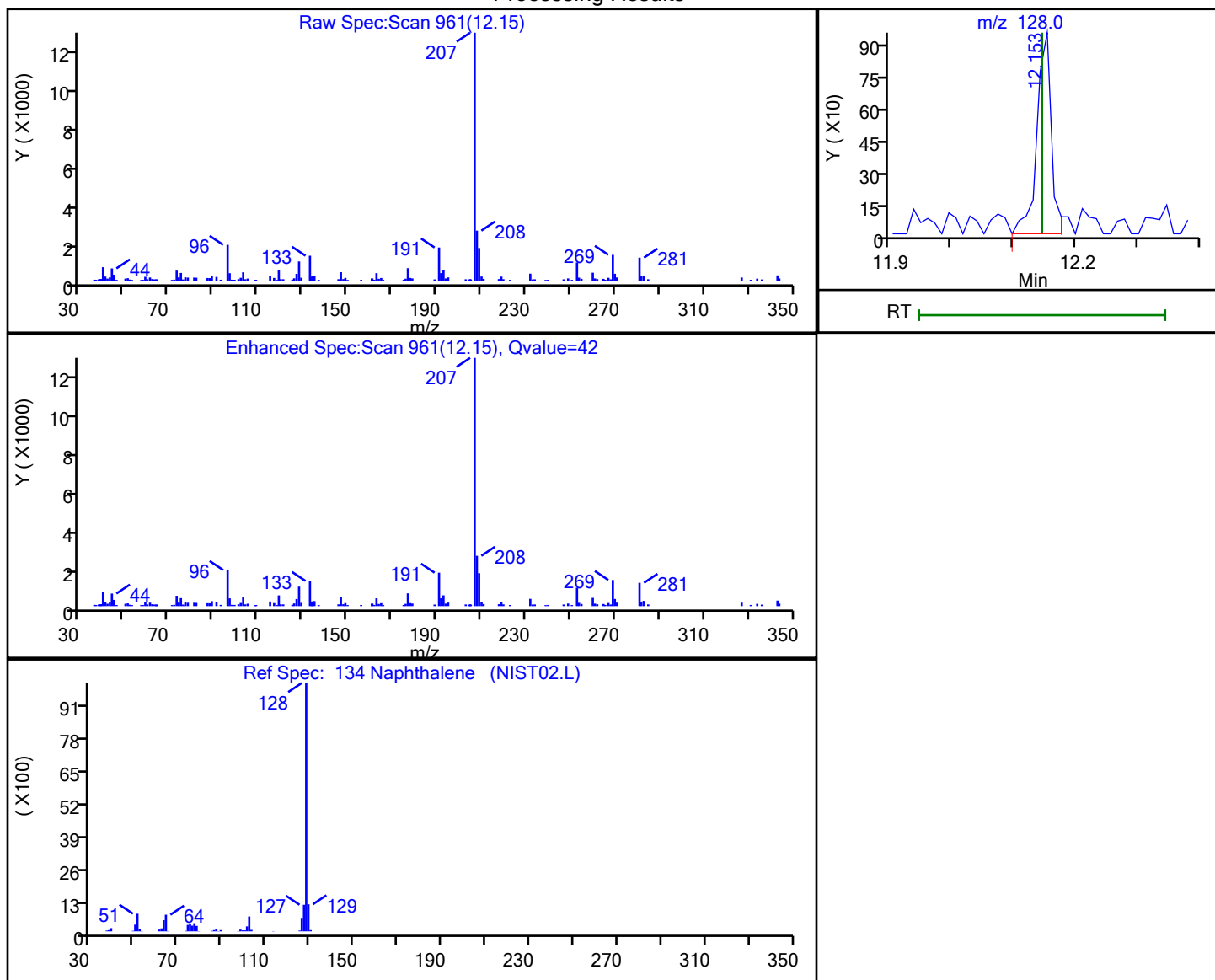
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.15	128.00	1572	0.216254

Reviewer: K0HS, 31-Aug-2022 14:02:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

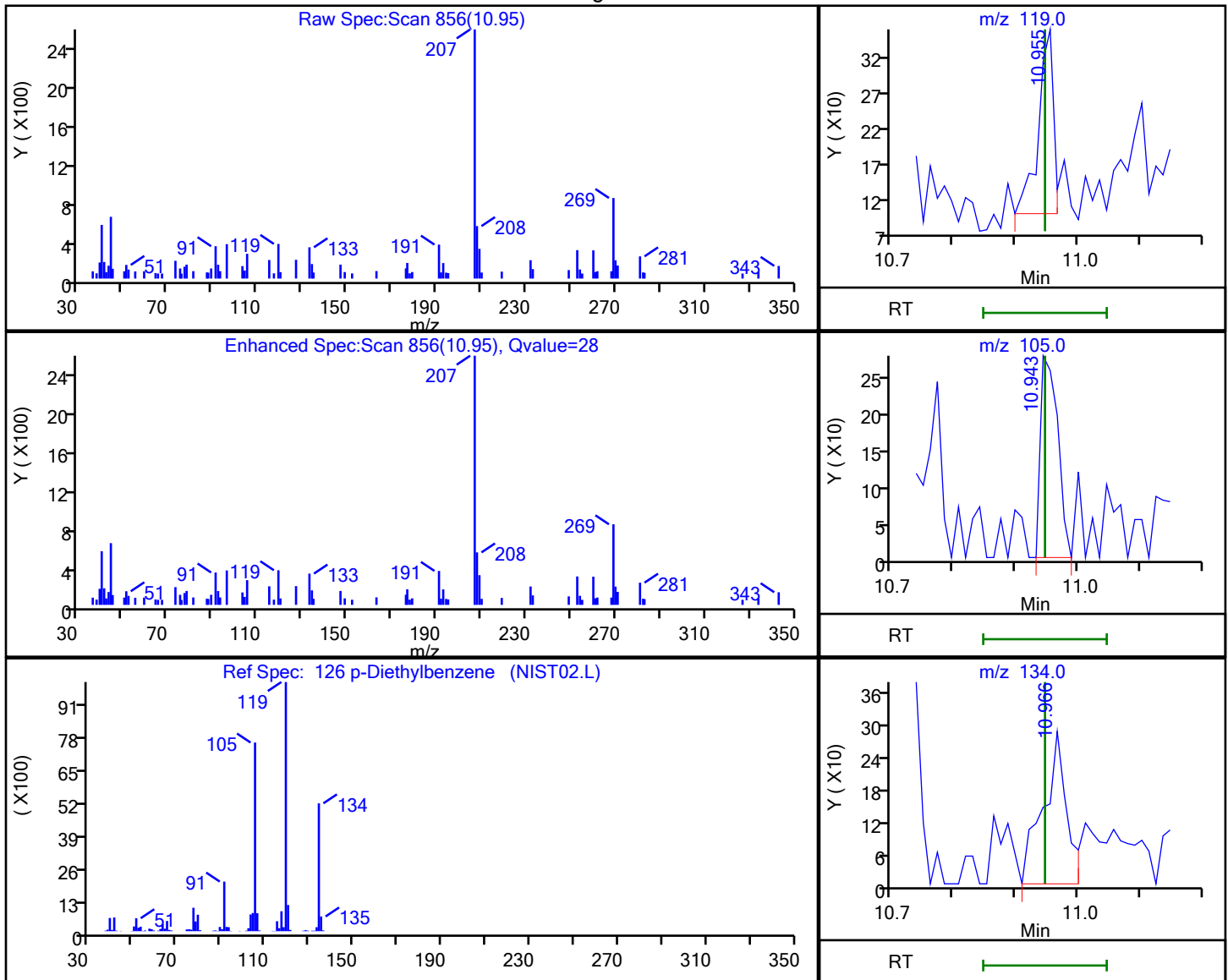
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.95	119.00	429	0.132368
10.94	105.00	523	
10.97	134.00	740	

Reviewer: K0HS, 31-Aug-2022 14:02:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

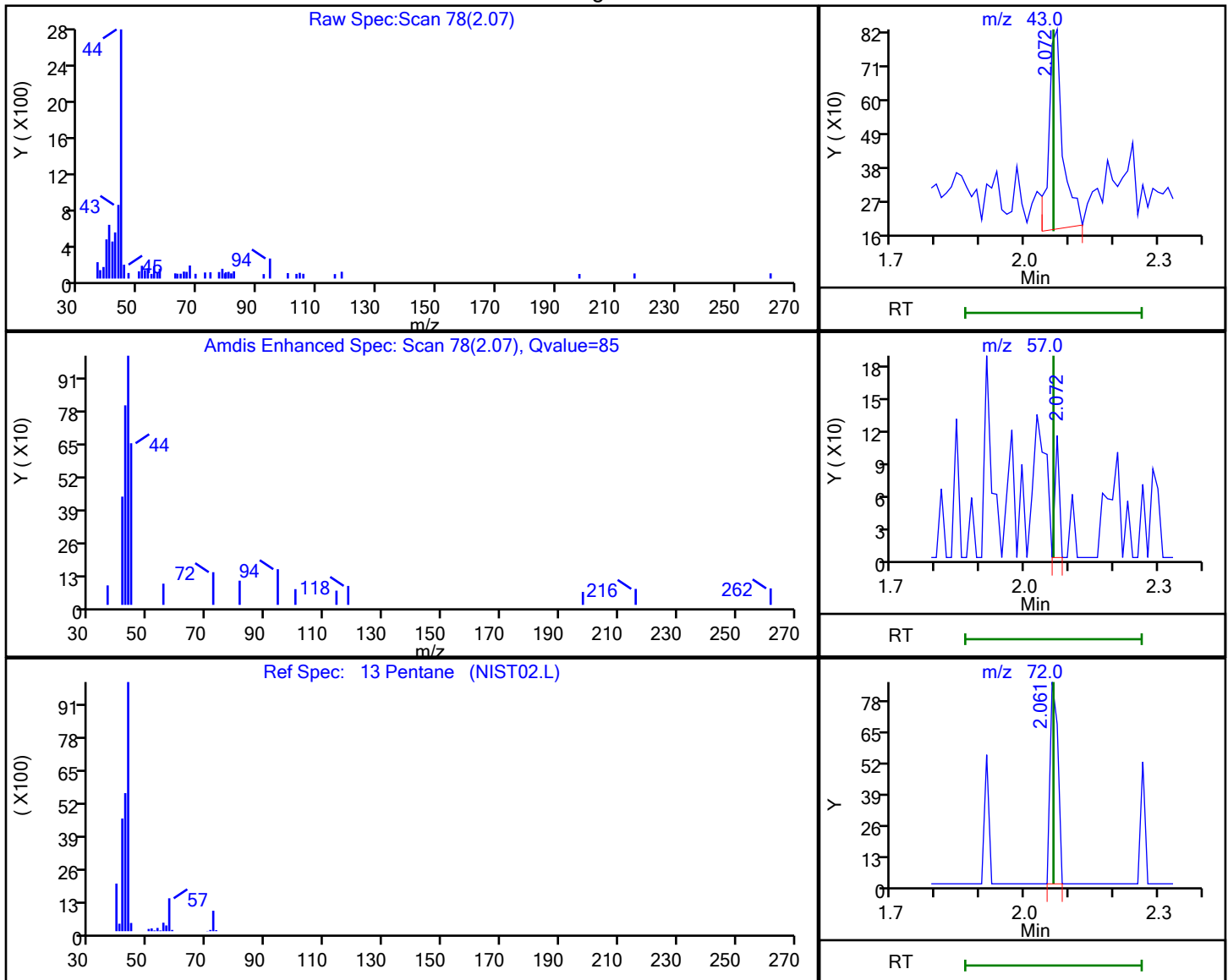
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

13 Pentane, CAS: 109-66-0

Processing Results



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

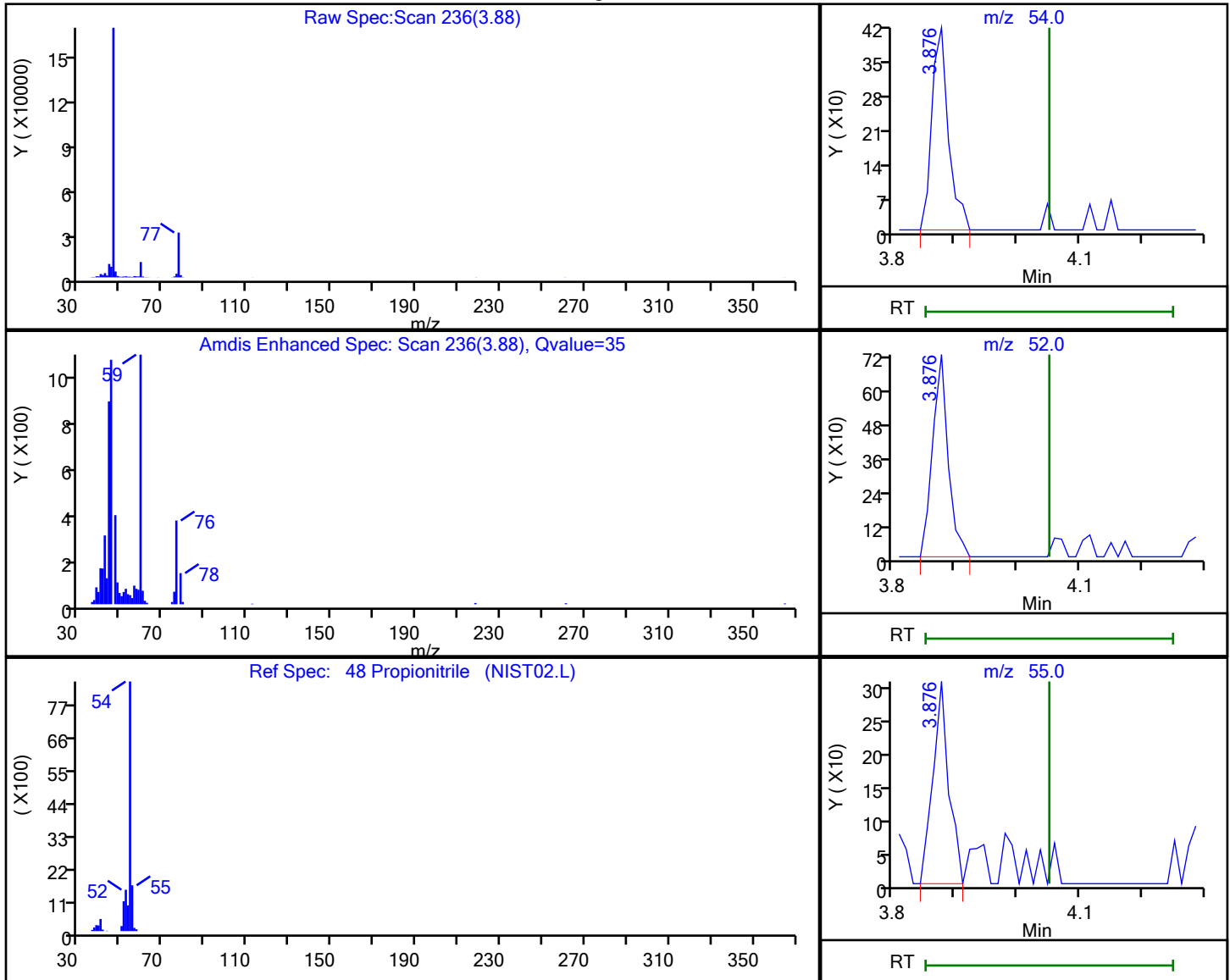
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.88	54.00	780	2.656377
3.88	52.00	1263	
3.88	55.00	544	

Reviewer: K0HS, 31-Aug-2022 14:01:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

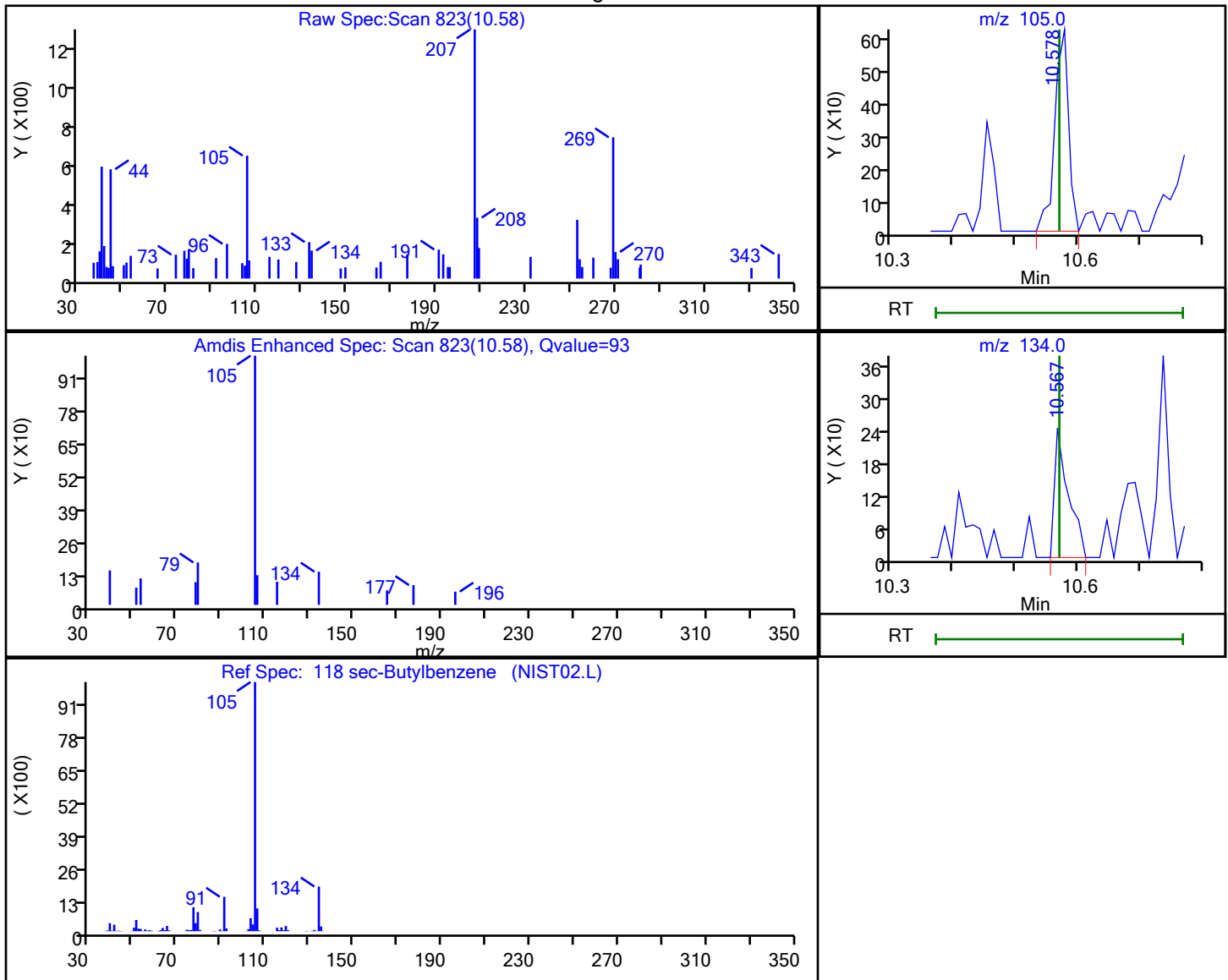
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.58	105.00	968	0.127516
10.57	134.00	370	

Reviewer: K0HS, 31-Aug-2022 14:02:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

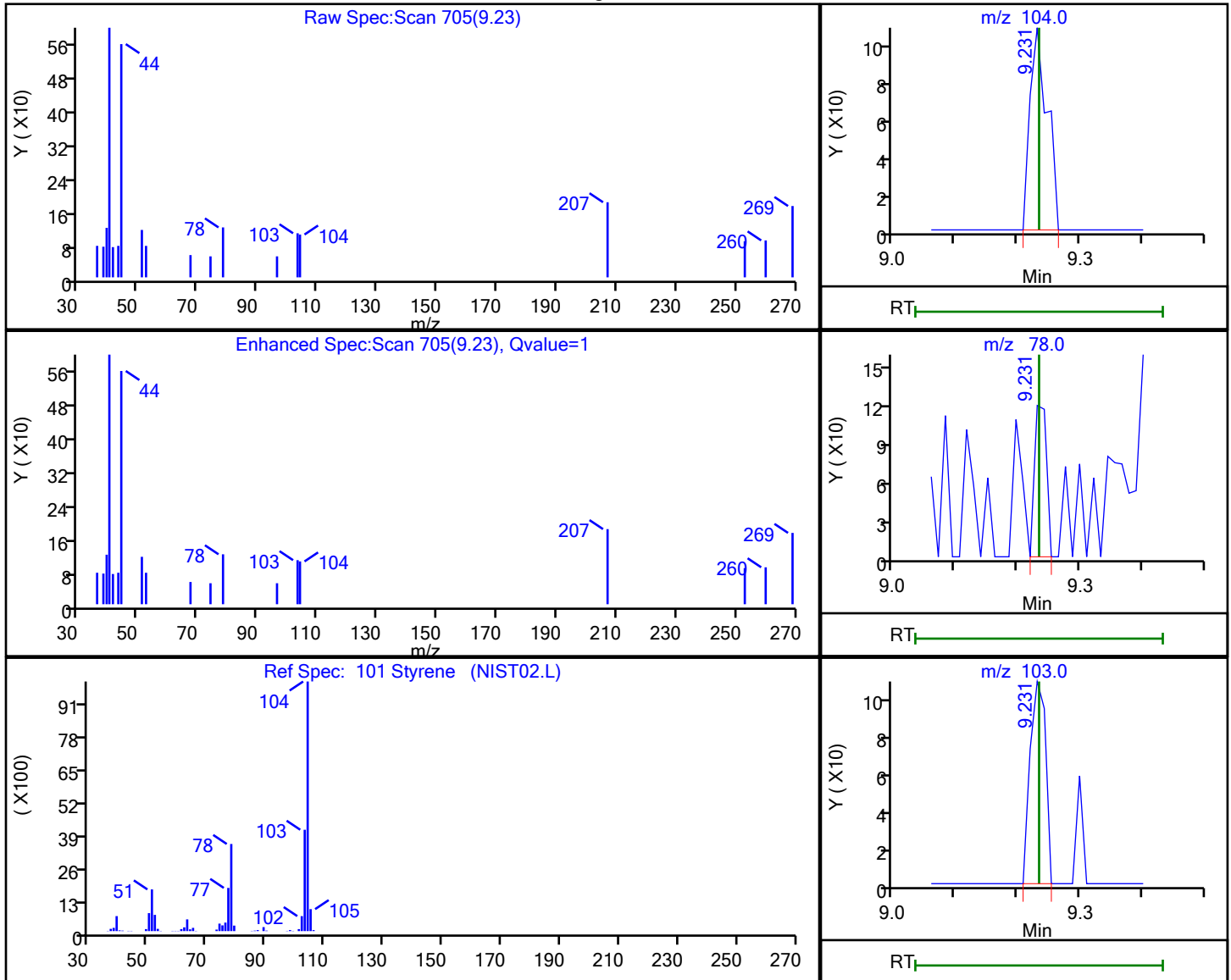
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.23	104.00	198	0.043518
9.23	78.00	161	
9.23	103.00	182	

Reviewer: K0HS, 31-Aug-2022 14:02:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

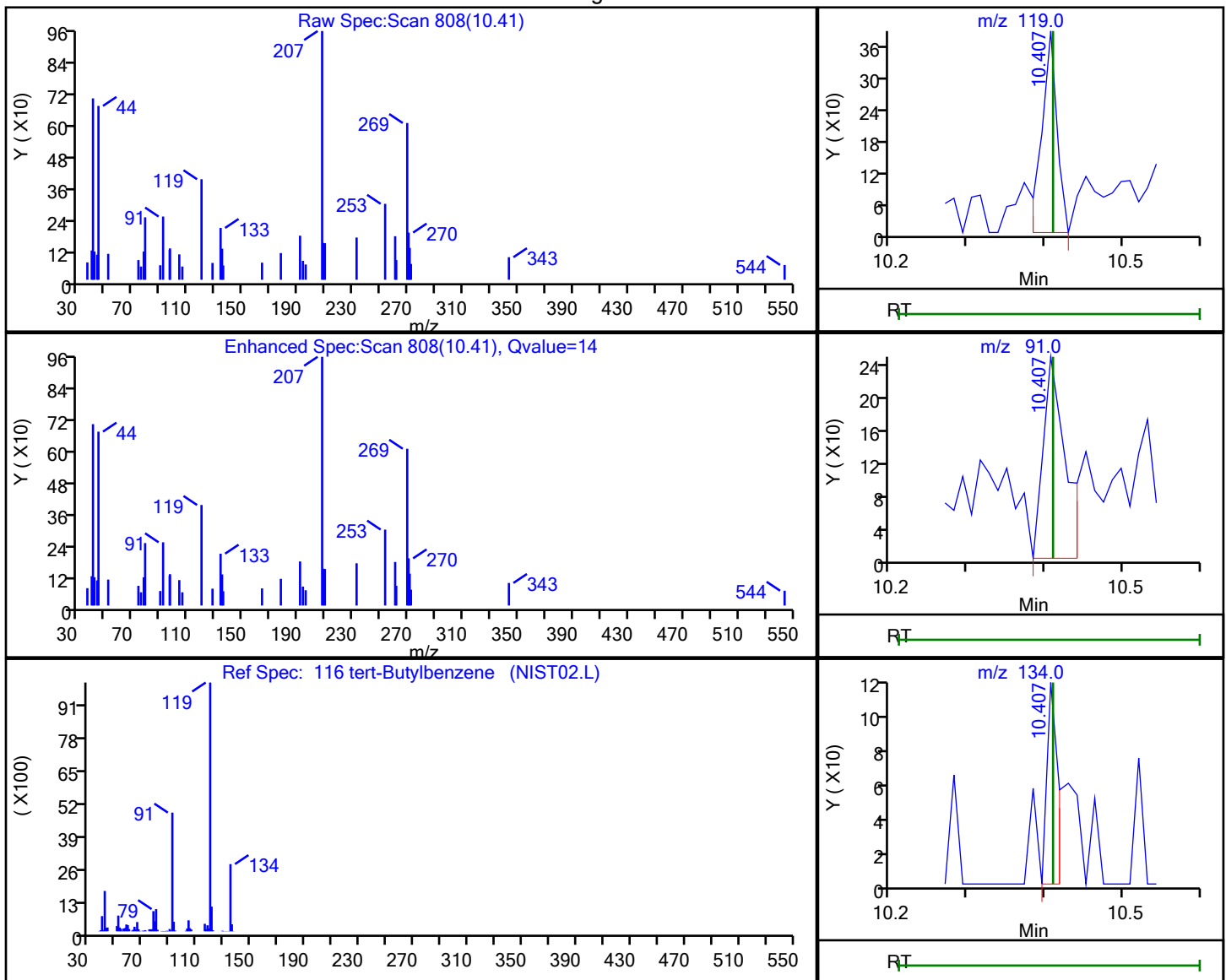
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.41	119.00	533	0.106897
10.41	91.00	488	
10.41	134.00	121	

Reviewer: K0HS, 31-Aug-2022 14:02:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

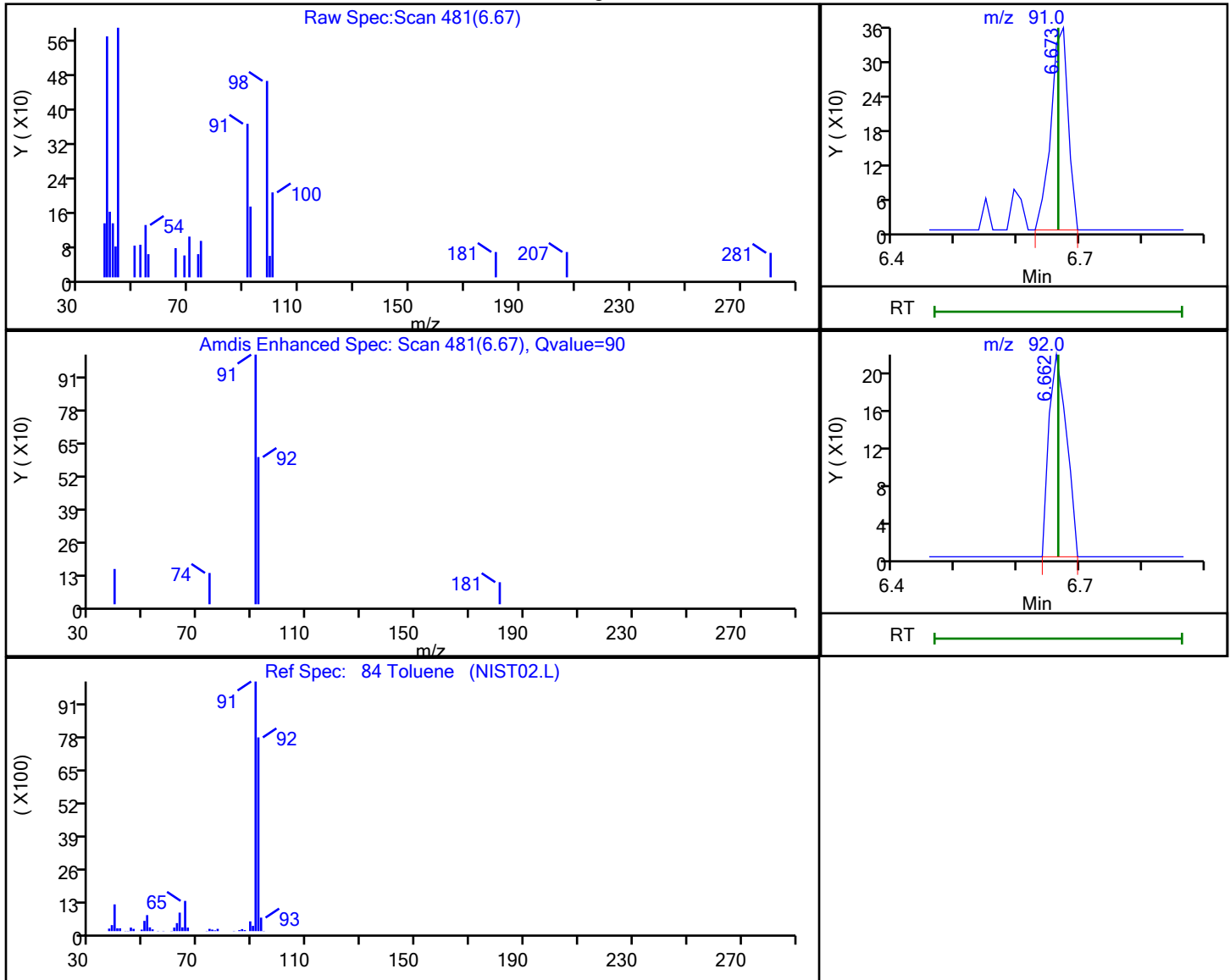
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.67	91.00	690	0.076237
6.66	92.00	434	

Reviewer: K0HS, 31-Aug-2022 14:02:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

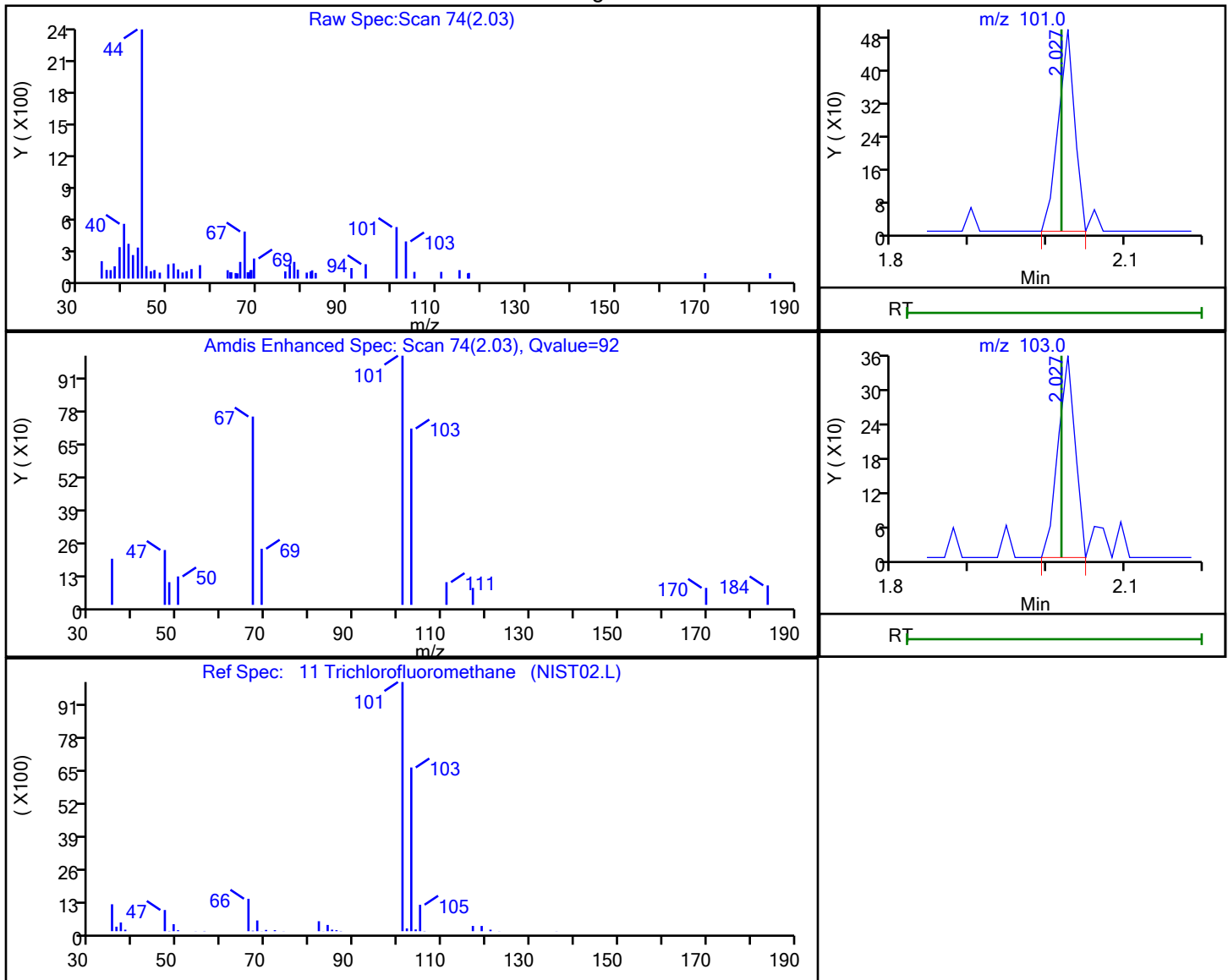
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.03	101.00	731	0.229048
2.03	103.00	550	

Reviewer: K0HS, 31-Aug-2022 14:01:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

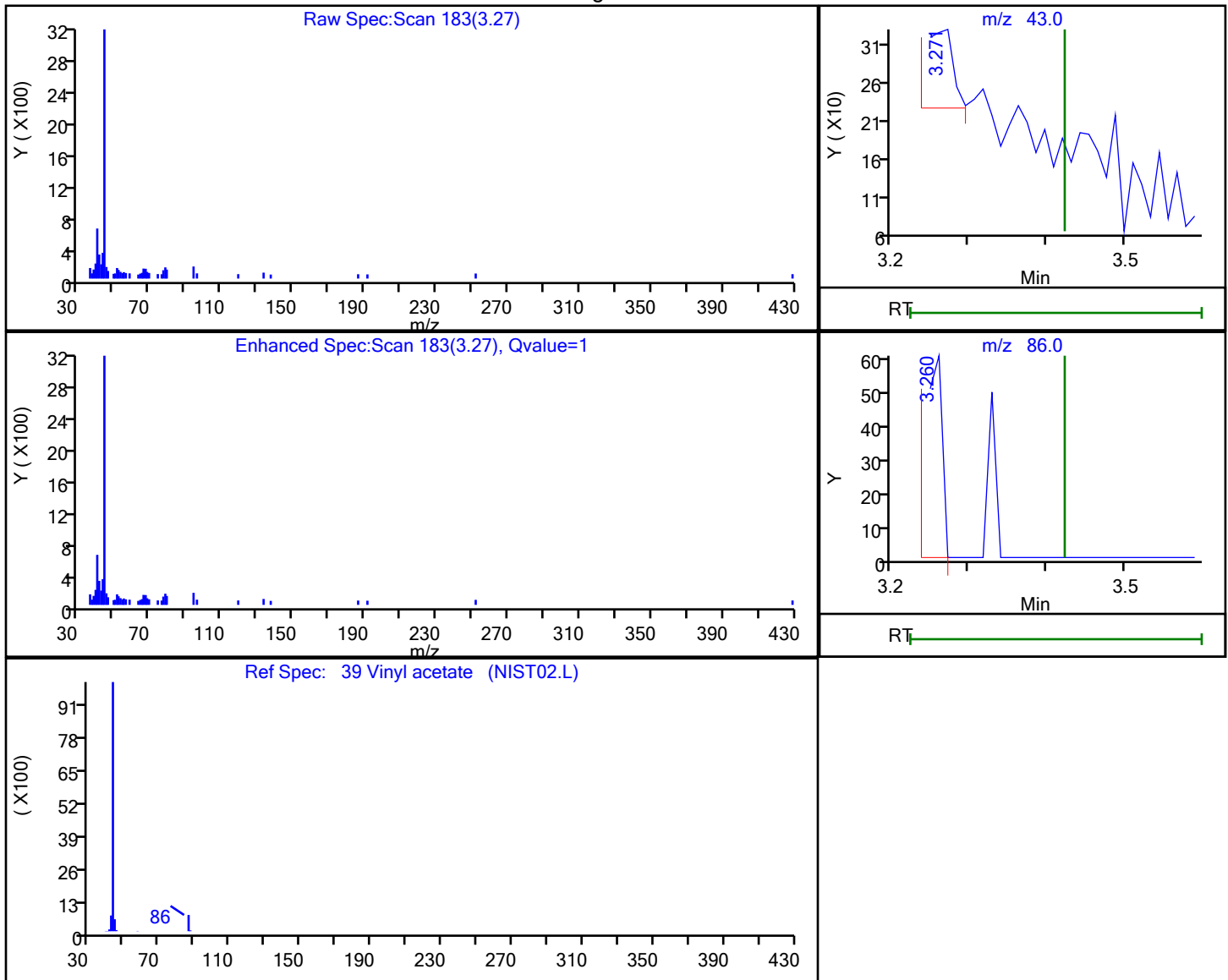
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.27	43.00	214	0.039197
3.26	86.00	77	

Reviewer: K0HS, 31-Aug-2022 14:01:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79478.D

Injection Date: 31-Aug-2022 12:56:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

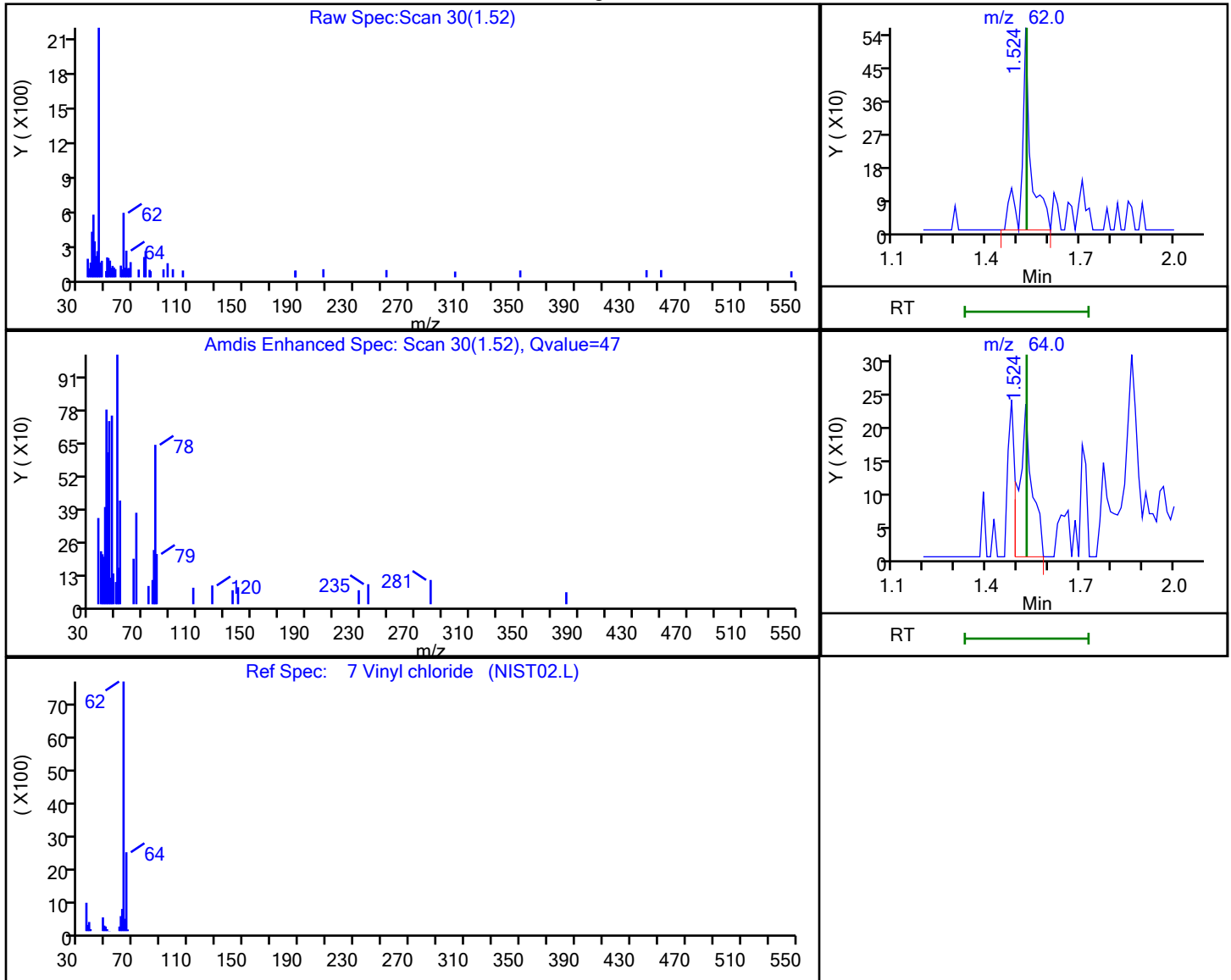
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.52	62.00	1112	0.279298
1.52	64.00	646	

Reviewer: K0HS, 31-Aug-2022 14:01:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 31-Aug-2022 13:22:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0149864-004
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:18 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: K0HS

Date: 31-Aug-2022 13:45:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.261	1.265	-0.004	86	193	1.00	0.8644	
4 Dichlorodifluoromethane	85	1.284	1.288	-0.004	97	3160	1.00	1.01	
5 Chlorodifluoromethane	67	1.318	1.310	0.008	96	573	1.00	1.20	
6 Chloromethane	50	1.455	1.447	0.008	96	4913	1.00	1.18	
7 Vinyl chloride	62	1.524	1.527	-0.003	97	3460	1.00	1.13	
8 Butadiene	54	1.547	1.539	0.008	95	3650	1.00	1.17	
9 Bromomethane	94	1.786	1.790	-0.004	94	1570	1.00	1.16	
10 Chloroethane	64	1.866	1.858	0.008	92	1309	1.00	0.8363	
12 Dichlorofluoromethane	67	2.015	2.018	-0.003	93	5259	1.00	1.11	
11 Trichlorofluoromethane	101	2.026	2.018	0.008	97	3405	1.00	1.03	
13 Pentane	43	2.060	2.064	-0.004	96	8813	2.00	2.08	
14 Ethanol	46	2.197	2.201	-0.004	30	353	40.0	43.3	M
15 Ethyl ether	59	2.243	2.247	-0.004	91	1756	1.00	0.9323	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	95	2478	1.00	1.04	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.289	2.281	0.008	95	1497	1.00	1.01	a
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.334	2.338	-0.004	97	3061	1.00	1.00	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	94	1995	1.00	0.99	
19 Acrolein	56	2.403	2.406	-0.003	86	1578	4.00	5.08	
21 1,1-Dichloroethene	96	2.426	2.429	-0.003	92	1711	1.00	0.9299	a
22 Acetone	43	2.517	2.521	-0.004	83	4626	5.00	6.45	
23 Iodomethane	142	2.574	2.566	0.008	8	492	1.00	0.1945	
24 Carbon disulfide	76	2.597	2.601	-0.004	100	7484	1.00	1.01	
25 Isopropyl alcohol	45	2.608	2.601	0.007	27	1110	10.0	11.0	
26 3-Chloro-1-propene	76	2.723	2.726	-0.003	88	1406	1.00	1.08	
27 Cyclopentene	67	2.745	2.738	0.007	89	6016	1.00	1.04	
28 Methyl acetate	43	2.745	2.738	0.007	76	4349	2.00	2.16	
29 Acetonitrile	41	2.791	2.795	-0.004	79	2401	10.0	7.84	
* 30 TBA-d9 (IS)	65	2.848	2.852	-0.004	76	193807	1000.0	1000.0	
31 Methylene Chloride	84	2.848	2.852	-0.004	30	2434	1.00	1.03	
32 2-Methyl-2-propanol	59	2.917	2.909	0.008	42	1368	10.0	9.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.997	3.000	-0.003	97	5655	1.00	0.9505	
34 trans-1,2-Dichloroethene	96	3.019	3.023	-0.004	96	2223	1.00	1.06	
35 Acrylonitrile	53	3.099	3.092	0.007	93	8246	10.0	9.52	
36 Hexane	57	3.168	3.171	-0.003	93	3220	1.00	1.06	
37 Isopropyl ether	45	3.373	3.377	-0.004	96	8700	1.00	0.9623	
38 1,1-Dichloroethane	63	3.408	3.400	0.008	98	4861	1.00	1.06	
39 Vinyl acetate	43	3.419	3.423	-0.004	99	10749	2.00	1.95	
40 2-Chloro-1,3-butadiene	88	3.442	3.445	-0.003	92	1882	1.00	1.01	
41 Tert-butyl ethyl ether	59	3.682	3.685	-0.003	88	5733	1.00	0.8494	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	86	299559	250.0	250.0	
42 2,2-Dichloropropane	79	3.876	3.879	-0.003	44	1122	1.00	1.05	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	90	2143	1.00	0.9548	
46 2-Butanone (MEK)	72	3.933	3.925	0.008	92	1114	5.00	5.11	
45 Ethyl acetate	70	3.933	3.936	-0.003	91	379	2.00	1.81	
47 Methyl acrylate	55	3.990	3.982	0.008	76	2014	1.00	1.00	
48 Propionitrile	54	4.058	4.051	0.007	88	2855	10.0	9.65	
50 Chlorobromomethane	128	4.127	4.119	0.008	91	1048	1.00	0.9675	a
49 Tetrahydrofuran	72	4.138	4.130	0.008	35	399	2.00	1.74	
51 Methacrylonitrile	67	4.150	4.153	-0.003	97	7851	10.0	8.71	
52 Chloroform	83	4.173	4.176	-0.003	96	3759	1.00	0.9506	
53 Cyclohexane	84	4.298	4.290	0.008	96	2804	1.00	0.9599	
54 1,1,1-Trichloroethane	97	4.310	4.313	-0.003	95	2869	1.00	0.9269	
\$ 55 Dibromofluoromethane (Surr)	113	4.332	4.325	0.007	95	106466	50.0	51.0	
56 Carbon tetrachloride	117	4.424	4.427	-0.003	96	2547	1.00	0.9502	
57 1,1-Dichloropropene	75	4.458	4.462	-0.004	90	2857	1.00	0.9278	
58 Isobutyl alcohol	43	4.618	4.610	0.008	49	2989	25.0	25.6	a
59 Isooctane	57	4.629	4.621	0.008	89	5024	1.00	0.9186	
60 Benzene	78	4.652	4.656	-0.004	94	8392	1.00	0.9744	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.675	4.667	0.008	0	139214	50.0	51.0	
63 Tert-amyl methyl ether	55	4.721	4.724	-0.003	70	1999	1.00	1.03	
62 Isopropyl acetate	43	4.721	4.724	-0.003	87	6342	1.00	0.8516	
64 1,2-Dichloroethane	62	4.743	4.747	-0.004	95	3476	1.00	1.03	
65 n-Heptane	57	4.800	4.804	-0.004	94	1131	1.00	0.9731	
* 66 Fluorobenzene	96	4.937	4.941	-0.004	97	468667	50.0	50.0	
68 Trichloroethene	95	5.291	5.284	0.007	94	2011	1.00	0.9126	
69 Methylcyclohexane	83	5.406	5.398	0.008	85	2513	1.00	0.8347	a
70 Ethyl acrylate	55	5.406	5.409	-0.003	89	4768	1.00	0.8461	
71 1,2-Dichloropropane	63	5.565	5.569	-0.004	92	2572	1.00	0.9626	
* 72 1,4-Dioxane-d8	96	5.634	5.637	-0.003	0	24415	1000.0	1000.0	
73 Methyl methacrylate	100	5.657	5.660	-0.003	92	694	2.00	1.56	
75 1,4-Dioxane	88	5.702	5.695	0.007	34	288	50.0	32.3	
74 Dibromomethane	93	5.702	5.695	0.007	91	1418	1.00	0.9484	
76 n-Propyl acetate	43	5.725	5.717	0.008	98	3083	1.00	0.8350	
77 Dichlorobromomethane	83	5.851	5.854	-0.003	97	2982	1.00	0.9585	
78 2-Nitropropane	41	6.193	6.185	0.008	77	1425	2.00	2.14	
79 2-Chloroethyl vinyl ether	63	6.205	6.197	0.008	64	1184	1.00	0.8123	
80 Epichlorohydrin	57	6.308	6.300	0.008	98	3178	20.0	17.0	
81 cis-1,3-Dichloropropene	75	6.353	6.345	0.008	97	3589	1.00	0.9320	
82 4-Methyl-2-pentanone (MIBK)	43	6.524	6.517	0.007	97	9660	5.00	4.23	
\$ 83 Toluene-d8 (Surr)	98	6.593	6.585	0.008	98	384940	50.0	50.9	
84 Toluene	91	6.661	6.665	-0.004	92	8870	1.00	1.02	
85 trans-1,3-Dichloropropene	75	7.027	7.019	0.008	96	3123	1.00	0.9235	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	7.061	7.053	0.008	91	2066	1.00	0.8208	
87 1,1,2-Trichloroethane	83	7.244	7.236	0.008	93	1706	1.00	0.9559	
88 Tetrachloroethene	166	7.278	7.270	0.008	93	1904	1.00	0.9758	
89 1,3-Dichloropropane	76	7.449	7.441	0.008	97	3445	1.00	1.00	
90 2-Hexanone	58	7.518	7.521	-0.003	98	3009	5.00	4.08	
91 n-Butyl acetate	43	7.643	7.635	0.008	84	3191	1.00	0.8425	
92 Chlorodibromomethane	129	7.678	7.670	0.008	91	1784	1.00	0.8431	
93 Ethylene Dibromide	107	7.826	7.829	-0.003	92	1921	1.00	0.9682	
* 94 Chlorobenzene-d5	117	8.374	8.377	-0.003	91	346899	50.0	50.0	
95 Chlorobenzene	112	8.408	8.412	-0.004	61	5591	1.00	1.00	
96 Ethylbenzene	106	8.522	8.514	0.008	100	2550	1.00	0.8890	
97 1,1,1,2-Tetrachloroethane	131	8.534	8.537	-0.003	90	1783	1.00	0.9011	
98 m-Xylene & p-Xylene	106	8.682	8.674	0.008	0	3032	1.00	0.8803	
99 o-Xylene	106	9.196	9.199	-0.003	91	3011	1.00	0.8612	
100 n-Butyl acrylate	73	9.196	9.199	-0.003	59	1252	1.00	0.8184	
101 Styrene	104	9.230	9.234	-0.004	90	4459	1.00	0.7801	
102 Amyl acetate (mixed isomers)	43	9.459	9.462	-0.003	85	3987	1.00	0.9112	
103 Bromoform	173	9.470	9.462	0.008	60	1139	1.00	0.8318	
104 Isopropylbenzene	105	9.596	9.599	-0.003	96	7005	1.00	0.8430	
\$ 105 4-Bromofluorobenzene	174	9.801	9.793	0.008	92	121963	50.0	51.6	
106 Bromobenzene	156	9.915	9.919	-0.004	94	2231	1.00	0.9583	
107 1,1,2,2-Tetrachloroethane	83	9.972	9.976	-0.004	84	2745	1.00	1.00	
108 N-Propylbenzene	91	9.995	9.987	0.008	98	9989	1.00	0.9410	
109 1,2,3-Trichloropropane	110	10.018	10.010	0.008	94	556	1.00	0.8962	
110 trans-1,4-Dichloro-2-butene	53	10.029	10.033	-0.004	66	955	1.00	1.08	
111 2-Chlorotoluene	91	10.086	10.090	-0.004	98	6772	1.00	0.9006	
112 4-Ethyltoluene	105	10.098	10.101	-0.003	98	7650	1.00	0.8853	
113 1,3,5-Trimethylbenzene	105	10.155	10.159	-0.003	91	6434	1.00	0.8962	
114 4-Chlorotoluene	91	10.189	10.181	0.008	97	6426	1.00	0.9106	
115 Butyl Methacrylate	87	10.246	10.250	-0.004	92	1912	1.00	0.6291	
116 tert-Butylbenzene	119	10.406	10.410	-0.004	91	4940	1.00	0.8680	
117 1,2,4-Trimethylbenzene	105	10.452	10.455	-0.003	98	6580	1.00	0.8795	
118 sec-Butylbenzene	105	10.577	10.570	0.007	98	7521	1.00	0.8915	
120 1,3-Dichlorobenzene	146	10.680	10.684	-0.004	80	3870	1.00	0.9078	
119 4-Isopropyltoluene	119	10.680	10.684	-0.004	96	6271	1.00	0.8689	
* 121 1,4-Dichlorobenzene-d4	152	10.737	10.741	-0.004	97	189181	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.749	10.752	-0.003	88	4422	1.00	0.99	
123 1,2,3-Trimethylbenzene	105	10.771	10.764	0.007	97	6997	1.00	0.8648	
124 Benzyl chloride	91	10.863	10.855	0.008	96	3826	1.00	0.8399	
125 2,3-Dihydroindene	117	10.908	10.901	0.007	94	7160	1.00	0.9245	
126 p-Diethylbenzene	119	10.954	10.946	0.008	92	3211	1.00	0.8673	
127 n-Butylbenzene	92	10.966	10.969	-0.003	96	3353	1.00	0.8836	
128 1,2-Dichlorobenzene	146	11.011	11.015	-0.004	92	3997	1.00	0.9502	
129 1,2,4,5-Tetramethylbenzene	119	11.445	11.449	-0.004	98	6423	1.00	0.8896	
130 1,2-Dibromo-3-Chloropropane	157	11.525	11.517	0.008	85	434	1.00	0.8730	
131 1,3,5-Trichlorobenzene	180	11.605	11.597	0.008	95	3537	1.00	1.14	
132 1,2,4-Trichlorobenzene	180	11.993	11.985	0.008	92	2543	1.00	0.9367	
133 Hexachlorobutadiene	225	12.050	12.054	-0.004	88	1080	1.00	1.16	
134 Naphthalene	128	12.153	12.145	0.008	99	7202	1.00	1.02	
135 1,2,3-Trichlorobenzene	180	12.301	12.305	-0.004	90	2820	1.00	1.10	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.01	
S 137 Xylenes, Total	100				0		2.00	1.74	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 138 Total BTEX

1

0

5.00

4.63

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00158

Amount Added: 10.00

Units: uL

524freon_00056

Amount Added: 10.00

Units: uL

GASES Li_00491

Amount Added: 10.00

Units: uL

ACROLEIN W_00143

Amount Added: 4.00

Units: uL

14DIOXINTER_00145

Amount Added: 30.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

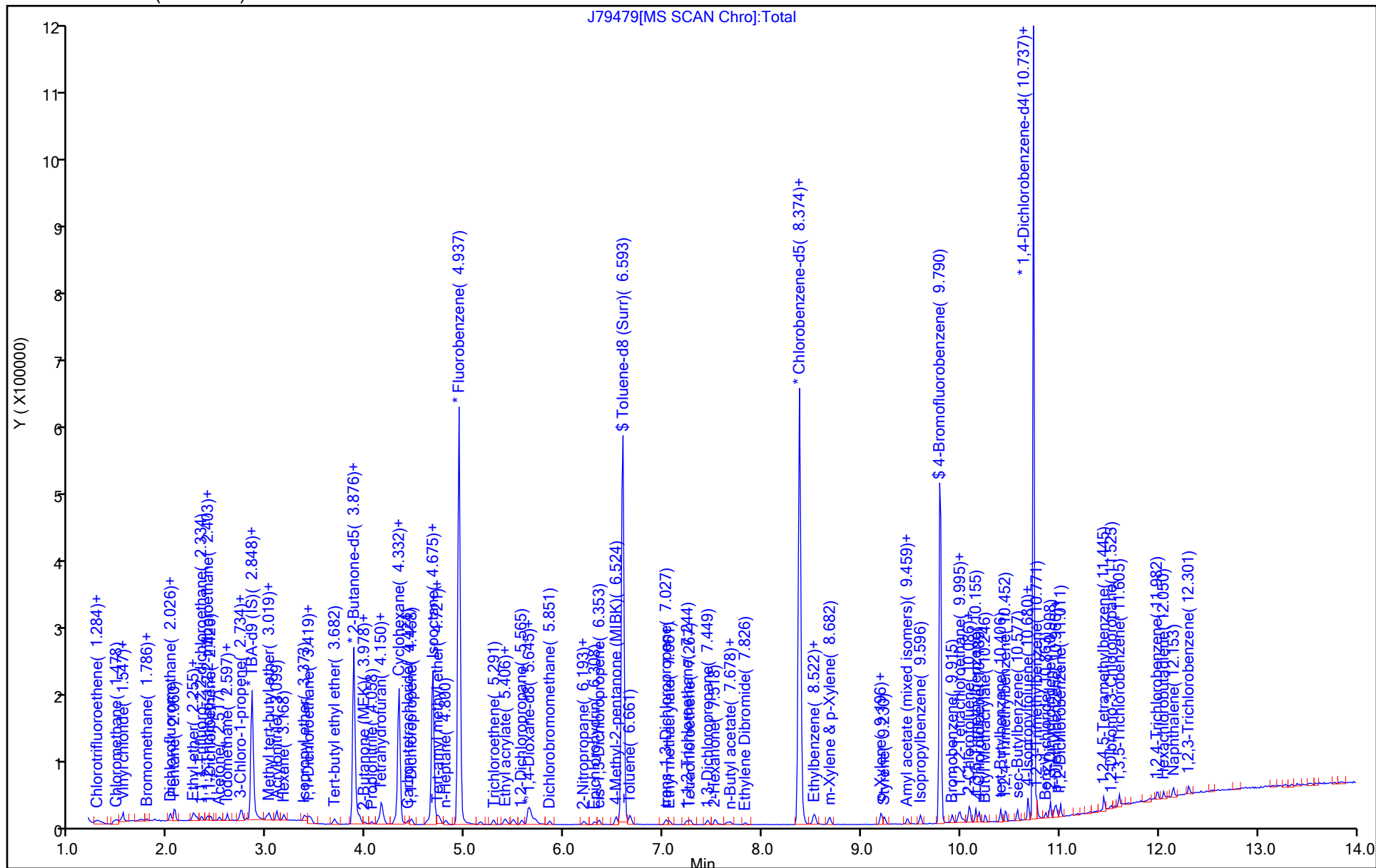
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

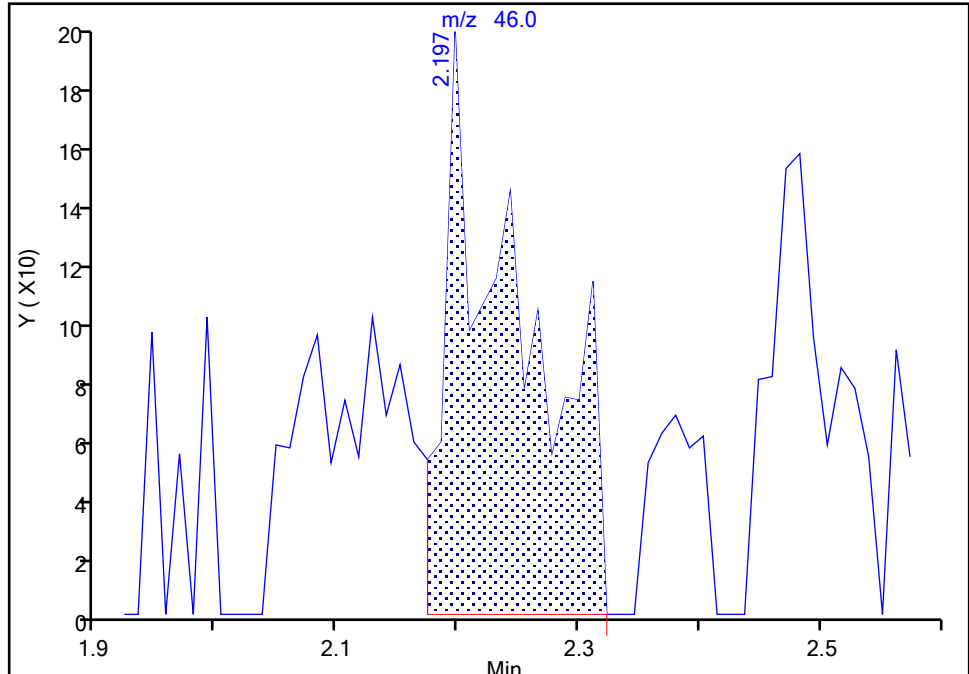
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

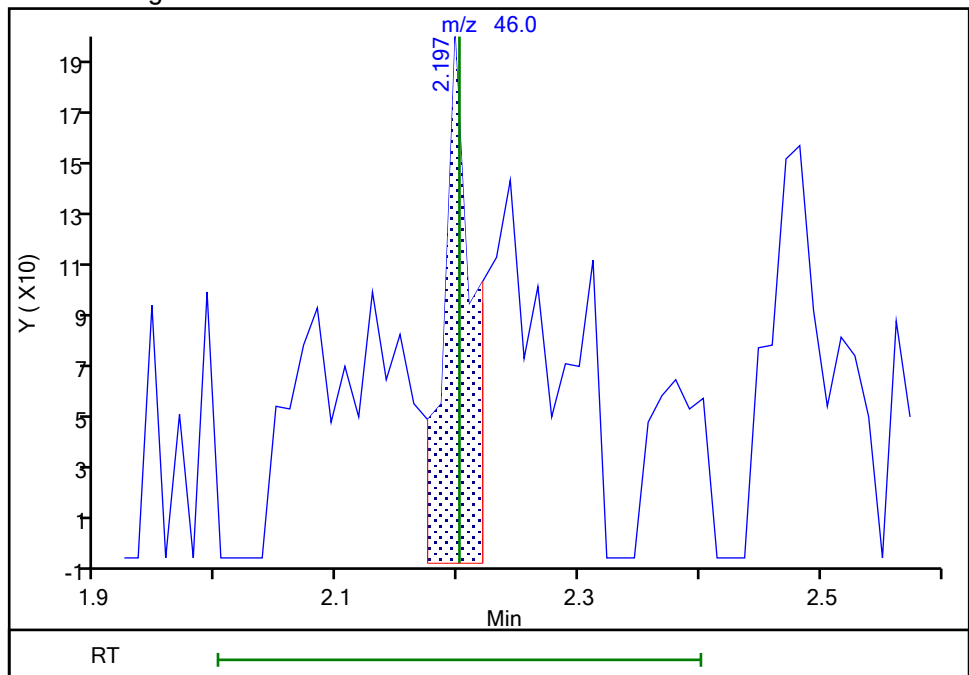
RT: 2.20
Area: 854
Amount: 120.6760
Amount Units: ug/l

Processing Integration Results



RT: 2.20
Area: 353
Amount: 43.270065
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:19:37

Audit Action: Manually Integrated

Audit Reason: Shouldering

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

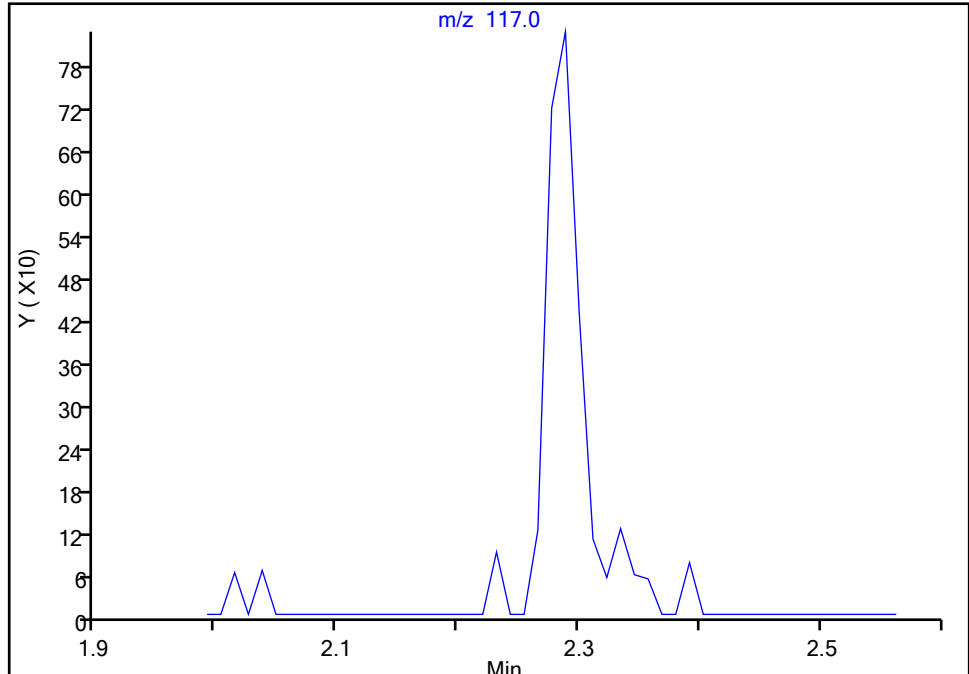
17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

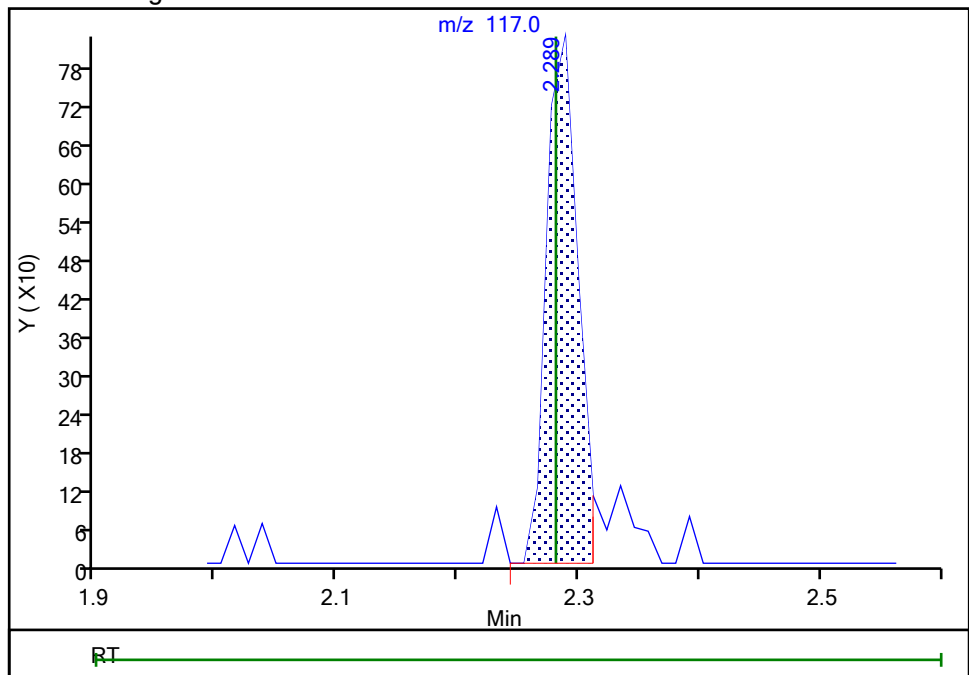
Not Detected

Expected RT: 2.28

Processing Integration Results



Manual Integration Results



RT: 2.29

Area: 1497

Amount: 1.013307

Amount Units: ug/l

Reviewer: RD6L, 31-Aug-2022 14:56:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

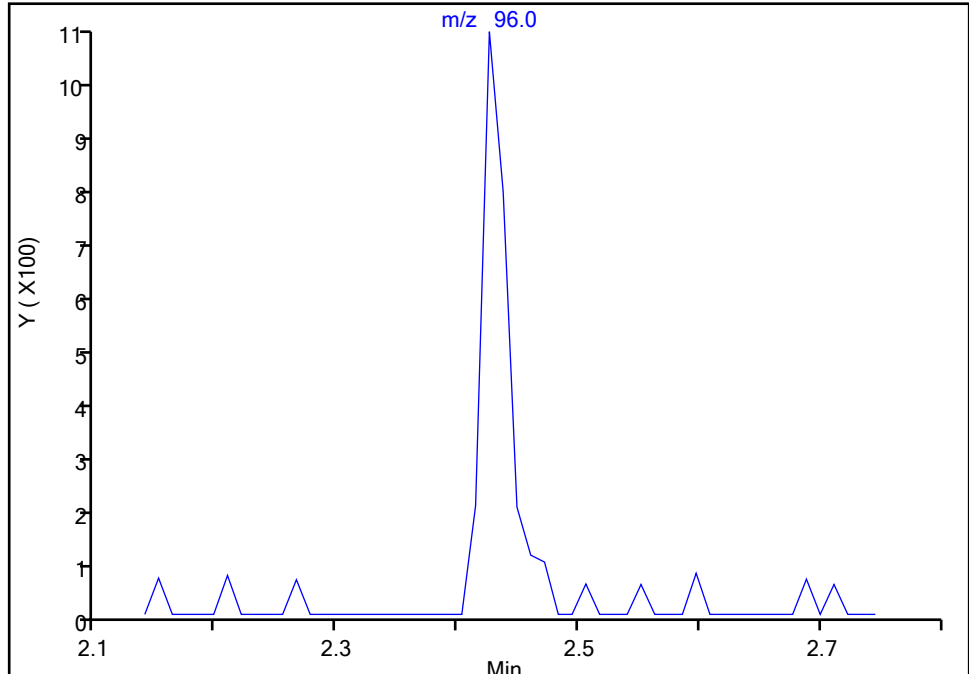
21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

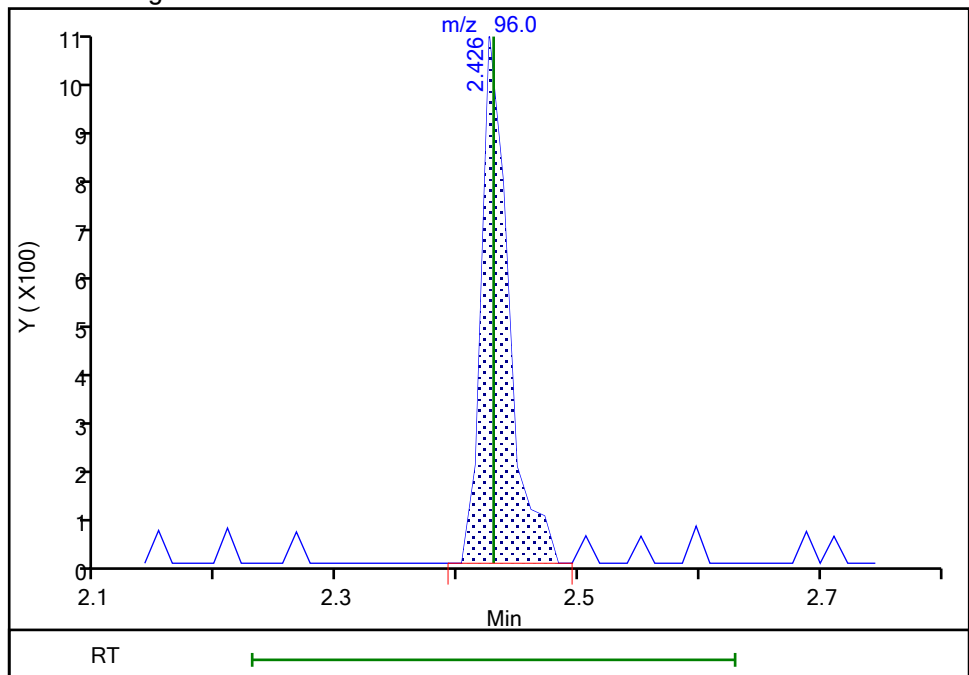
Not Detected

Expected RT: 2.43

Processing Integration Results



Manual Integration Results



RT: 2.43

Area: 1711

Amount: 0.929895

Amount Units: ug/l

Reviewer: RD6L, 31-Aug-2022 14:56:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

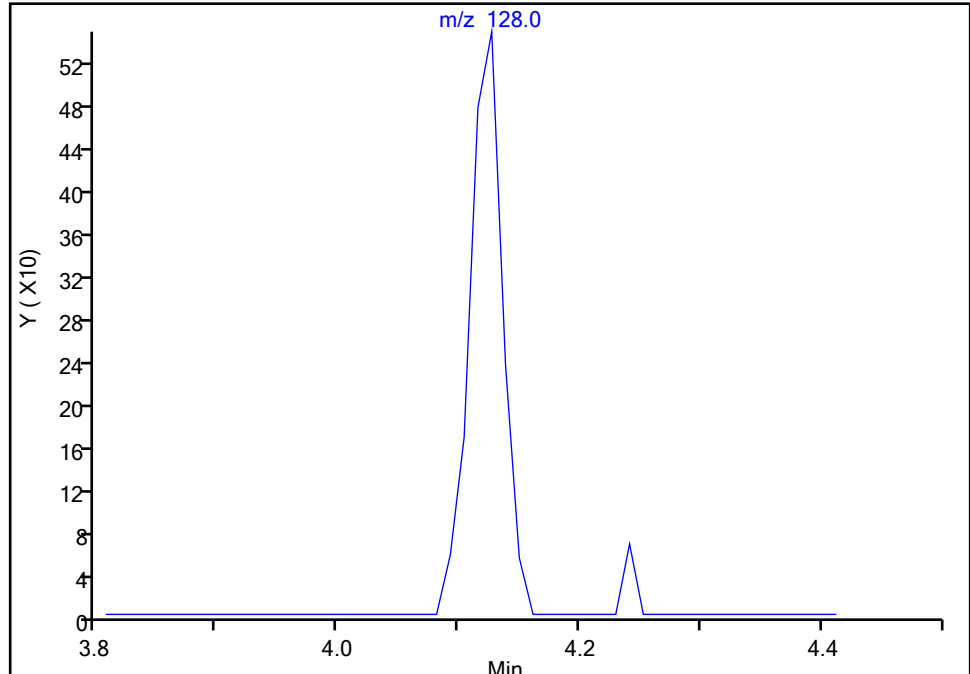
50 Chlorobromomethane, CAS: 74-97-5

Signal: 1

Not Detected

Expected RT: 4.12

Processing Integration Results



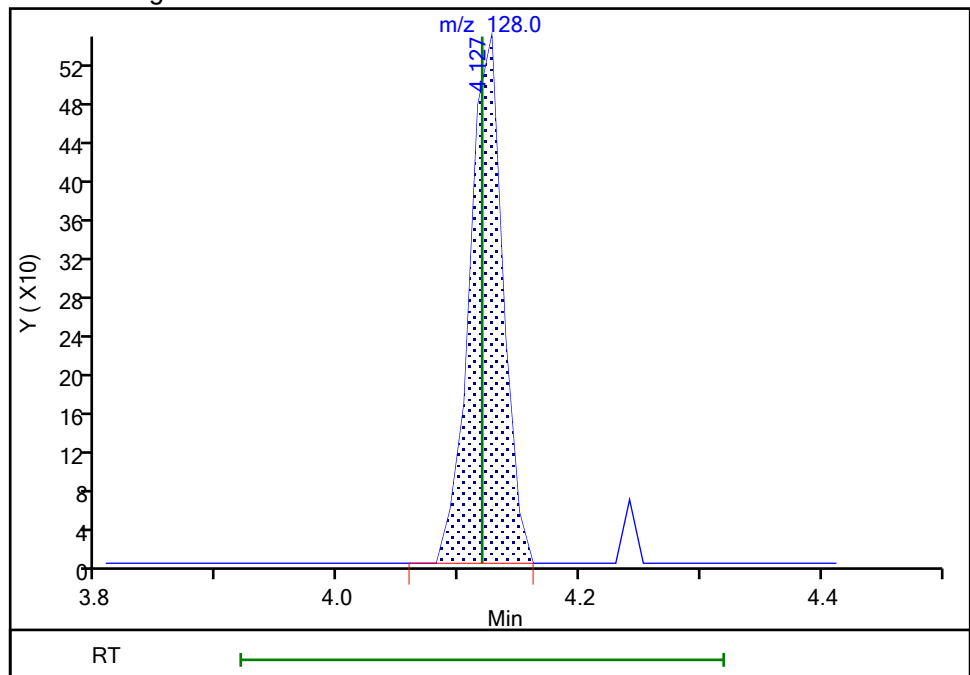
RT: 4.13

Area: 1048

Amount: 0.967460

Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:56:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

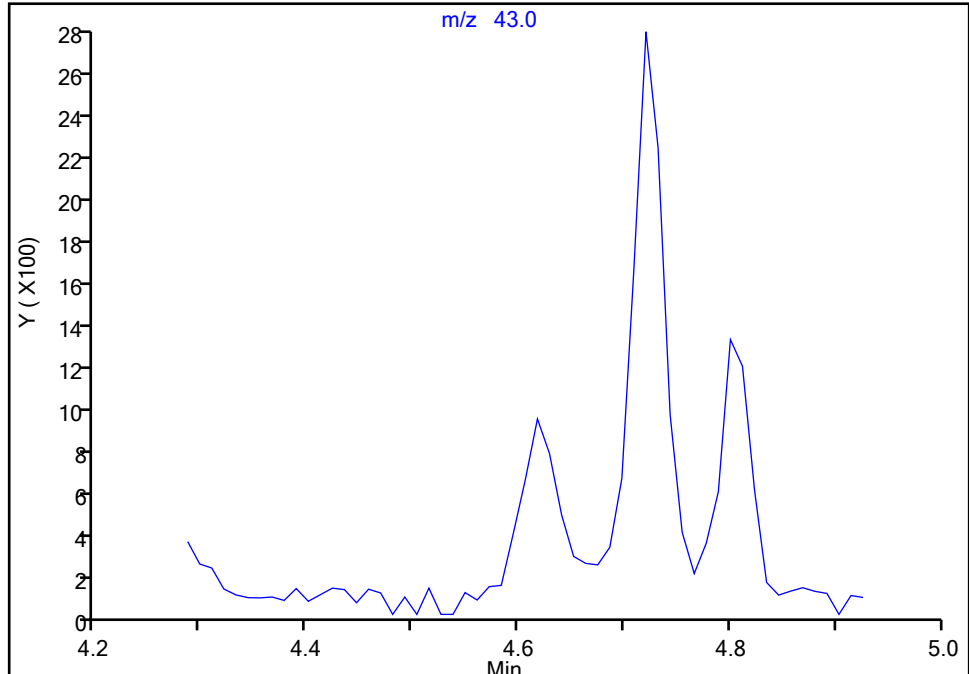
58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

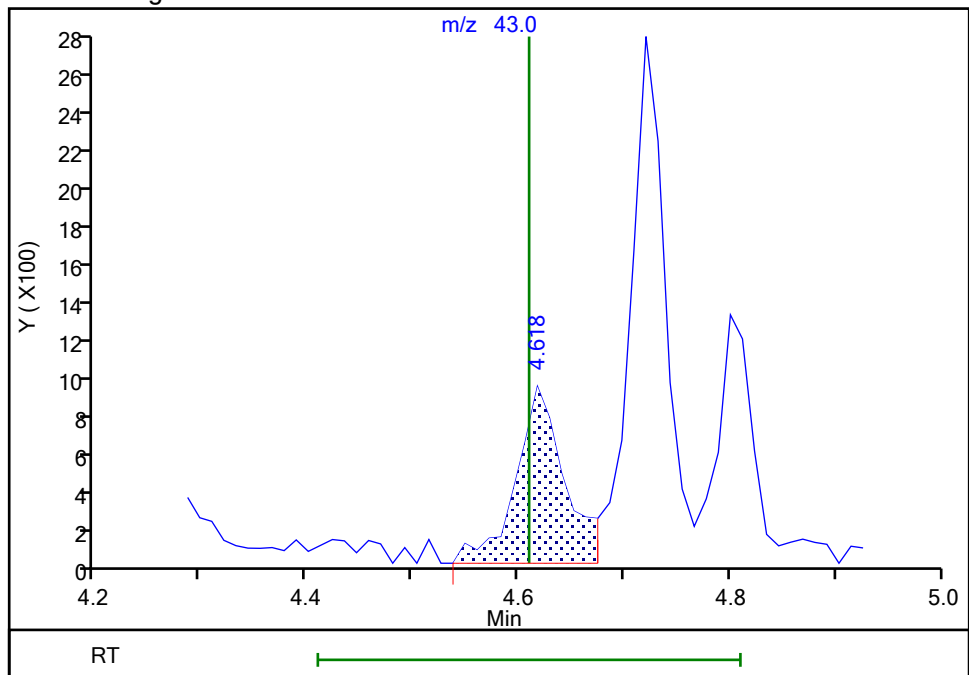
Not Detected

Expected RT: 4.61

Processing Integration Results



Manual Integration Results



RT: 4.62

Area: 2989

Amount: 25.633166

Amount Units: ug/l

Reviewer: RD6L, 31-Aug-2022 14:56:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

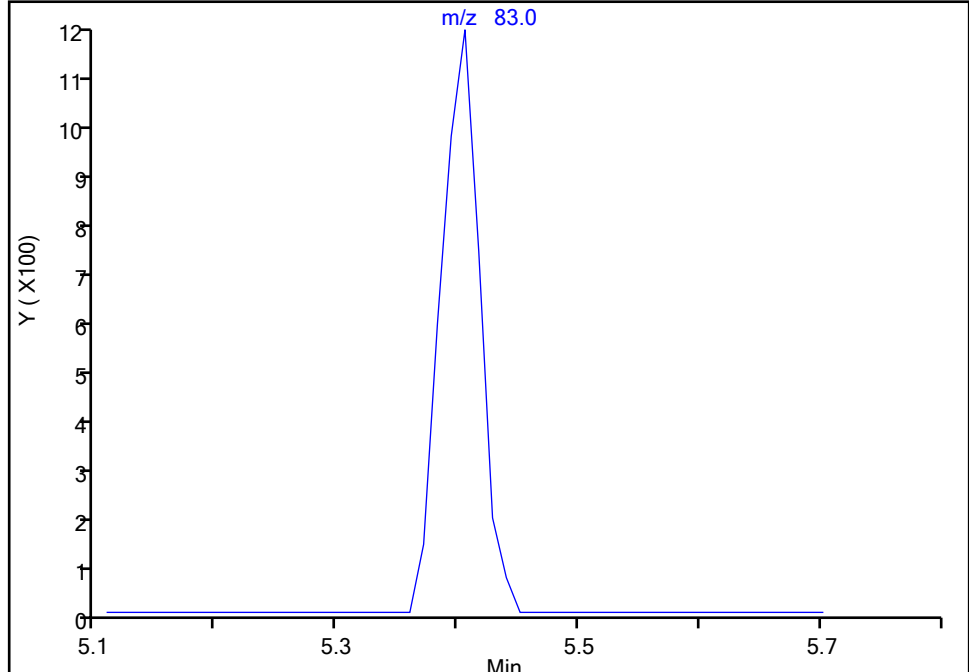
69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

Not Detected

Expected RT: 5.40

Processing Integration Results



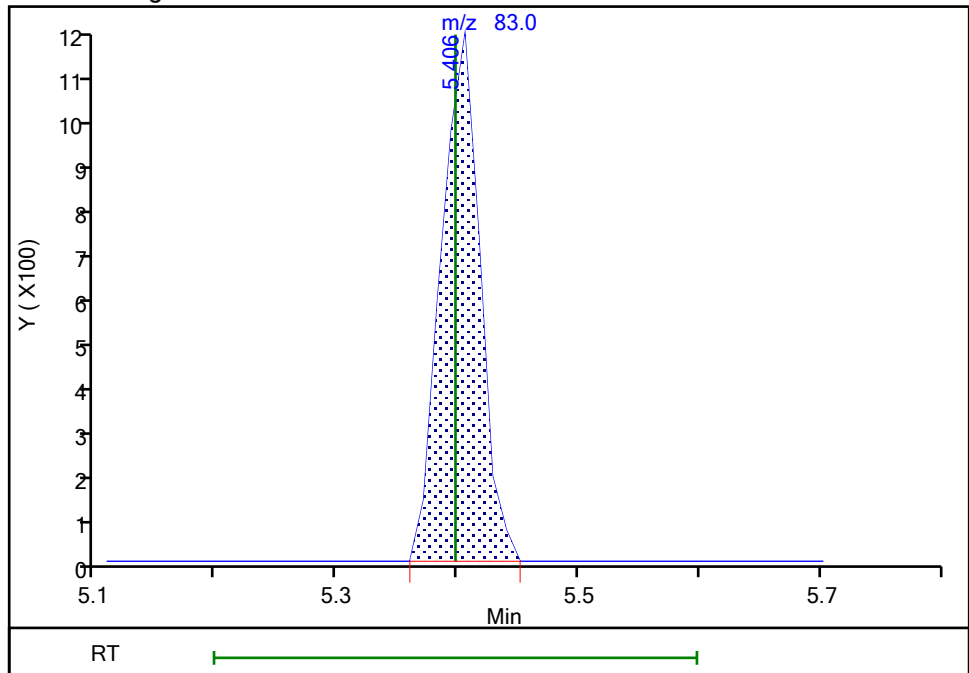
RT: 5.41

Area: 2513

Amount: 0.834657

Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:56:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79479.D

Injection Date: 31-Aug-2022 13:22:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

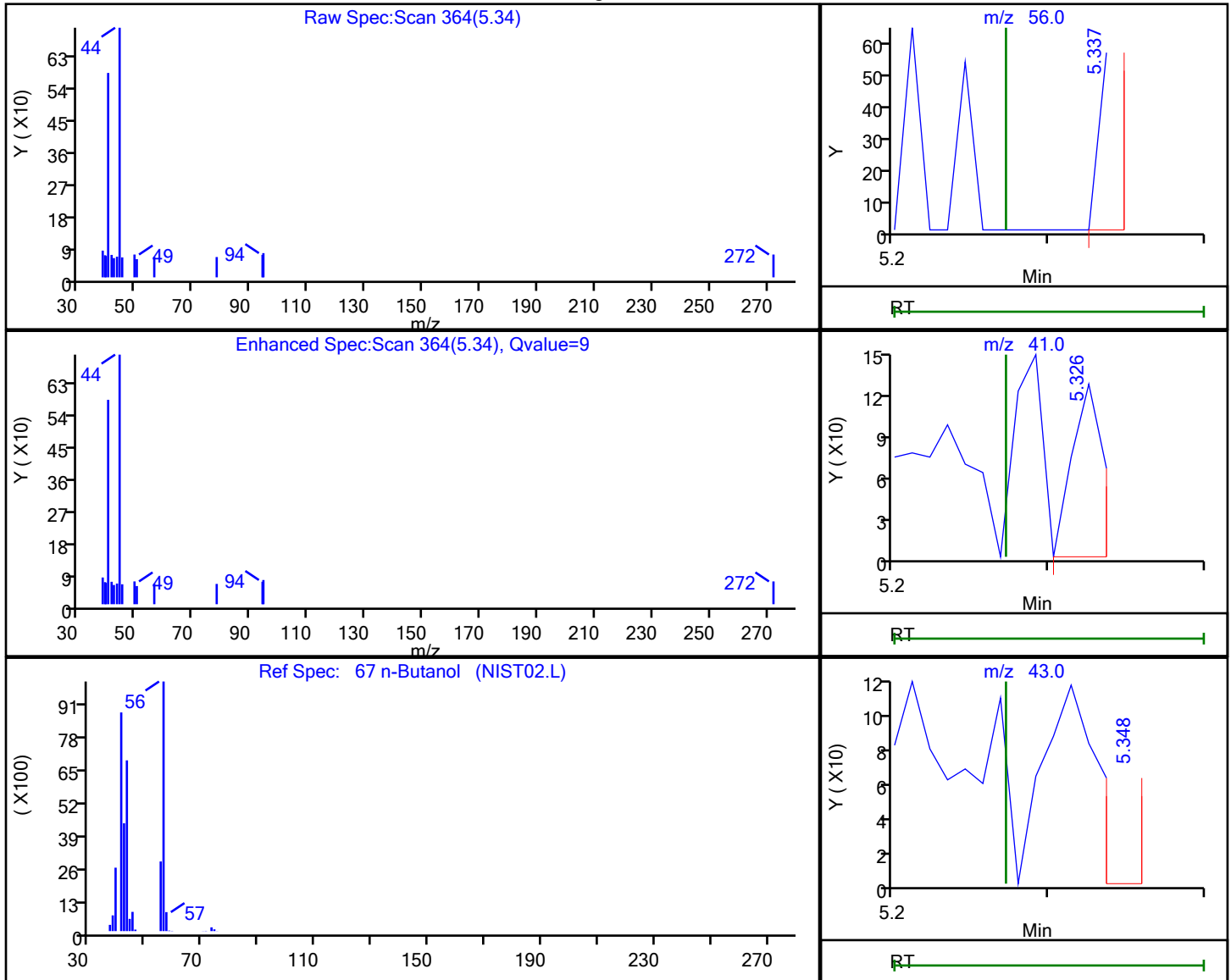
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.34	56.00	39	2.062638
5.33	41.00	176	
5.35	43.00	134	

Reviewer: W9CM, 01-Sep-2022 18:00:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 31-Aug-2022 13:47:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0149864-005
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:24 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: RD6L

Date: 31-Aug-2022 14:56:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.263	1.265	-0.002	94	907	5.00	4.07	
4 Dichlorodifluoromethane	85	1.286	1.288	-0.002	98	13031	5.00	4.16	
5 Chlorodifluoromethane	67	1.320	1.310	0.010	97	2081	5.00	4.36	
6 Chloromethane	50	1.446	1.447	-0.001	100	18286	5.00	4.40	
7 Vinyl chloride	62	1.526	1.527	-0.001	99	13406	5.00	4.39	
8 Butadiene	54	1.548	1.539	0.009	96	13470	5.00	4.32	M
9 Bromomethane	94	1.788	1.790	-0.002	94	5403	5.00	4.00	
10 Chloroethane	64	1.857	1.858	-0.001	97	7467	5.00	4.78	
12 Dichlorofluoromethane	67	2.016	2.018	-0.002	97	21704	5.00	4.60	
11 Trichlorofluoromethane	101	2.028	2.018	0.010	98	15142	5.00	4.58	
13 Pentane	43	2.062	2.064	-0.002	96	38281	10.0	9.06	
14 Ethanol	46	2.211	2.201	0.010	75	1664	200.0	201.0	M
15 Ethyl ether	59	2.245	2.247	-0.002	92	8195	5.00	4.36	
16 2-Methyl-1,3-butadiene	53	2.256	2.258	-0.002	95	9947	5.00	4.20	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.291	2.281	0.009	97	6855	5.00	4.65	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.336	2.338	-0.002	97	13673	5.00	4.47	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.393	2.395	-0.002	96	8981	5.00	4.48	
19 Acrolein	56	2.405	2.406	-0.001	98	5784	20.0	18.4	
21 1,1-Dichloroethene	96	2.428	2.429	-0.001	93	8260	5.00	4.50	
22 Acetone	43	2.519	2.521	-0.002	84	15307	25.0	21.0	
23 Iodomethane	142	2.565	2.566	-0.002	97	4228	5.00	1.67	
24 Carbon disulfide	76	2.599	2.601	-0.002	100	33261	5.00	4.49	
25 Isopropyl alcohol	45	2.599	2.601	-0.002	97	4380	50.0	43.0	
26 3-Chloro-1-propene	76	2.724	2.726	-0.002	89	5716	5.00	4.39	
27 Cyclopentene	67	2.747	2.738	0.009	95	25661	5.00	4.44	
28 Methyl acetate	43	2.747	2.738	0.009	77	17759	10.0	8.84	
29 Acetonitrile	41	2.793	2.795	-0.002	98	17037	50.0	54.8	M
* 30 TBA-d9 (IS)	65	2.850	2.852	-0.002	80	196694	1000.0	1000.0	
31 Methylene Chloride	84	2.850	2.852	-0.002	36	11044	5.00	4.67	
32 2-Methyl-2-propanol	59	2.918	2.909	0.009	90	6434	50.0	45.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.998	3.000	-0.002	96	25613	5.00	4.31	
34 trans-1,2-Dichloroethene	96	3.021	3.023	-0.002	97	9207	5.00	4.39	
35 Acrylonitrile	53	3.101	3.092	0.009	94	39201	50.0	44.6	
36 Hexane	57	3.170	3.171	-0.001	93	13058	5.00	4.30	
37 Isopropyl ether	45	3.375	3.377	-0.002	96	39192	5.00	4.34	
38 1,1-Dichloroethane	63	3.398	3.400	-0.002	99	20125	5.00	4.39	
39 Vinyl acetate	43	3.421	3.423	-0.002	100	46512	10.0	8.47	
40 2-Chloro-1,3-butadiene	88	3.444	3.445	-0.001	94	7983	5.00	4.29	
41 Tert-butyl ethyl ether	59	3.683	3.685	-0.002	87	28118	5.00	4.17	
* 43 2-Butanone-d5	46	3.877	3.868	0.009	88	304047	250.0	250.0	
42 2,2-Dichloropropane	79	3.877	3.879	-0.002	46	5068	5.00	4.77	
44 cis-1,2-Dichloroethene	96	3.900	3.902	-0.002	93	9857	5.00	4.40	
46 2-Butanone (MEK)	72	3.935	3.925	0.009	94	4826	25.0	21.8	
45 Ethyl acetate	70	3.935	3.936	-0.002	94	1735	10.0	8.18	
47 Methyl acrylate	55	3.980	3.982	-0.002	99	9012	5.00	4.48	
48 Propionitrile	54	4.060	4.051	0.009	97	13986	50.0	46.6	
50 Chlorobromomethane	128	4.129	4.119	0.010	94	5109	5.00	4.73	
49 Tetrahydrofuran	72	4.129	4.130	-0.001	81	2133	10.0	9.15	
51 Methacrylonitrile	67	4.151	4.153	-0.002	98	38855	50.0	43.2	
52 Chloroform	83	4.174	4.176	-0.002	96	17581	5.00	4.45	
53 Cyclohexane	84	4.288	4.290	-0.002	98	12501	5.00	4.29	
54 1,1,1-Trichloroethane	97	4.311	4.313	-0.002	93	13236	5.00	4.28	
\$ 55 Dibromofluoromethane (Surr)	113	4.334	4.325	0.009	95	104399	50.0	50.1	
56 Carbon tetrachloride	117	4.425	4.427	-0.002	95	11890	5.00	4.44	
57 1,1-Dichloropropene	75	4.460	4.462	-0.002	92	12842	5.00	4.18	
58 Isobutyl alcohol	43	4.620	4.610	0.010	57	11222	125.0	94.8	
59 Isooctane	57	4.620	4.621	-0.001	89	22702	5.00	4.16	
60 Benzene	78	4.654	4.656	-0.002	96	38810	5.00	4.52	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.677	4.667	0.010	0	138462	50.0	50.8	
63 Tert-amyl methyl ether	55	4.722	4.724	-0.002	71	9680	5.00	5.00	
62 Isopropyl acetate	43	4.722	4.724	-0.002	93	30442	5.00	4.10	
64 1,2-Dichloroethane	62	4.745	4.747	-0.002	96	14469	5.00	4.30	
65 n-Heptane	57	4.802	4.804	-0.002	96	4868	5.00	4.20	
* 66 Fluorobenzene	96	4.939	4.941	-0.002	97	467806	50.0	50.0	
67 n-Butanol	56	5.339	5.272	0.067	22	1873	125.0	61.0	M
68 Trichloroethene	95	5.282	5.284	-0.002	96	9661	5.00	4.39	
69 Methylcyclohexane	83	5.396	5.398	-0.002	85	12428	5.00	4.14	
70 Ethyl acrylate	55	5.407	5.409	-0.002	97	22604	5.00	4.02	
71 1,2-Dichloropropane	63	5.567	5.569	-0.002	90	11709	5.00	4.39	
* 72 1,4-Dioxane-d8	96	5.636	5.637	-0.001	0	24494	1000.0	1000.0	
73 Methyl methacrylate	100	5.658	5.660	-0.002	94	3548	10.0	8.00	
75 1,4-Dioxane	88	5.693	5.695	-0.002	38	1622	100.0	179.0	
74 Dibromomethane	93	5.704	5.695	0.009	94	6725	5.00	4.51	
76 n-Propyl acetate	43	5.716	5.717	-0.001	97	15370	5.00	4.17	
77 Dichlorobromomethane	83	5.853	5.854	-0.001	97	13364	5.00	4.30	
78 2-Nitropropane	41	6.184	6.185	-0.001	88	5665	10.0	8.38	
79 2-Chloroethyl vinyl ether	63	6.195	6.197	-0.002	68	5342	5.01	3.67	
80 Epichlorohydrin	57	6.298	6.300	-0.002	98	15876	100.0	83.5	
81 cis-1,3-Dichloropropene	75	6.355	6.345	0.010	95	16756	5.00	4.37	
82 4-Methyl-2-pentanone (MIBK)	43	6.515	6.517	-0.002	98	46214	25.0	19.9	
\$ 83 Toluene-d8 (Surr)	98	6.583	6.585	-0.002	98	376682	50.0	50.0	
84 Toluene	91	6.663	6.665	-0.002	92	37922	5.00	4.39	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.028	7.019	0.009	98	13661	5.00	4.05	
86 Ethyl methacrylate	69	7.063	7.053	0.010	96	9448	5.00	3.76	
87 1,1,2-Trichloroethane	83	7.234	7.236	-0.002	93	7822	5.00	4.40	
88 Tetrachloroethene	166	7.268	7.270	-0.002	94	8454	5.00	4.35	
89 1,3-Dichloropropane	76	7.451	7.441	0.010	96	15083	5.00	4.39	
90 2-Hexanone	58	7.519	7.521	-0.002	97	13874	25.0	18.5	
91 n-Butyl acetate	43	7.634	7.635	-0.001	97	15542	5.00	4.12	
92 Chlorodibromomethane	129	7.679	7.670	0.009	97	8943	5.00	4.24	
93 Ethylene Dibromide	107	7.828	7.829	-0.001	97	8660	5.00	4.38	
* 94 Chlorobenzene-d5	117	8.376	8.377	-0.001	90	345647	50.0	50.0	
95 Chlorobenzene	112	8.410	8.412	-0.002	93	24439	5.00	4.37	
96 Ethylbenzene	106	8.524	8.514	0.010	99	11950	5.00	4.18	
97 1,1,1,2-Tetrachloroethane	131	8.535	8.537	-0.002	91	8593	5.00	4.36	
98 m-Xylene & p-Xylene	106	8.684	8.674	0.010	0	14155	5.00	4.12	
99 o-Xylene	106	9.198	9.199	-0.001	92	14369	5.00	4.12	
100 n-Butyl acrylate	73	9.198	9.199	-0.001	63	5482	5.00	3.60	
101 Styrene	104	9.232	9.234	-0.002	93	23645	5.00	4.15	
102 Amyl acetate (mixed isomers)	43	9.460	9.462	-0.002	88	16956	5.00	3.81	
103 Bromoform	173	9.460	9.462	-0.002	60	5553	5.00	4.07	
104 Isopropylbenzene	105	9.597	9.599	-0.002	97	34177	5.00	4.13	
\$ 105 4-Bromofluorobenzene	174	9.791	9.793	-0.002	89	120262	50.0	51.1	
106 Bromobenzene	156	9.917	9.919	-0.002	96	10129	5.00	4.28	
107 1,1,2,2-Tetrachloroethane	83	9.974	9.976	-0.002	98	12254	5.00	4.38	
108 N-Propylbenzene	91	9.985	9.987	-0.002	98	45292	5.00	4.20	
109 1,2,3-Trichloropropane	110	10.008	10.010	-0.002	95	2798	5.00	4.44	
110 trans-1,4-Dichloro-2-butene	53	10.031	10.033	-0.002	85	3711	5.00	4.12	
111 2-Chlorotoluene	91	10.088	10.090	-0.002	97	32067	5.00	4.20	
112 4-Ethyltoluene	105	10.100	10.101	-0.001	98	36228	5.00	4.12	
113 1,3,5-Trimethylbenzene	105	10.157	10.159	-0.001	93	30064	5.00	4.12	
114 4-Chlorotoluene	91	10.191	10.181	0.010	98	29314	5.00	4.09	
115 Butyl Methacrylate	87	10.248	10.250	-0.002	93	9421	5.00	3.05	M
116 tert-Butylbenzene	119	10.408	10.410	-0.002	94	24003	5.00	4.15	
117 1,2,4-Trimethylbenzene	105	10.454	10.455	-0.001	98	31707	5.00	4.17	
118 sec-Butylbenzene	105	10.579	10.570	0.009	99	36305	5.00	4.23	
120 1,3-Dichlorobenzene	146	10.682	10.684	-0.002	80	18714	5.00	4.32	
119 4-Isopropyltoluene	119	10.682	10.684	-0.002	97	28911	5.00	3.94	
* 121 1,4-Dichlorobenzene-d4	152	10.739	10.741	-0.002	97	192316	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.750	10.752	-0.002	94	20140	5.00	4.45	
123 1,2,3-Trimethylbenzene	105	10.773	10.764	0.009	98	34793	5.00	4.23	
124 Benzyl chloride	91	10.865	10.855	0.009	97	18661	5.00	4.03	
125 2,3-Dihydroindene	117	10.910	10.901	0.009	94	33863	5.00	4.30	
126 p-Diethylbenzene	119	10.944	10.946	-0.002	90	15483	5.00	4.11	
127 n-Butylbenzene	92	10.967	10.969	-0.002	97	15653	5.00	4.06	
128 1,2-Dichlorobenzene	146	11.013	11.015	-0.002	94	18022	5.00	4.21	
129 1,2,4,5-Tetramethylbenzene	119	11.447	11.449	-0.002	97	29432	5.00	4.01	
130 1,2-Dibromo-3-Chloropropane	157	11.515	11.517	-0.002	91	2256	5.00	4.46	
131 1,3,5-Trichlorobenzene	180	11.595	11.597	-0.002	94	12801	5.00	4.06	
132 1,2,4-Trichlorobenzene	180	11.983	11.985	-0.002	93	11597	5.00	4.20	
133 Hexachlorobutadiene	225	12.040	12.054	-0.014	90	3932	5.00	4.16	
134 Naphthalene	128	12.143	12.145	-0.002	99	30291	5.00	4.21	
135 1,2,3-Trichlorobenzene	180	12.292	12.305	-0.013	96	11085	5.00	4.26	
S 136 1,2-Dichloroethene, Total	100				0		10.0	8.79	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	8.25	
S 138 Total BTEX	1				0		25.0	21.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00158	Amount Added: 10.00	Units: uL	
524freon_00056	Amount Added: 10.00	Units: uL	
GASES Li_00491	Amount Added: 10.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

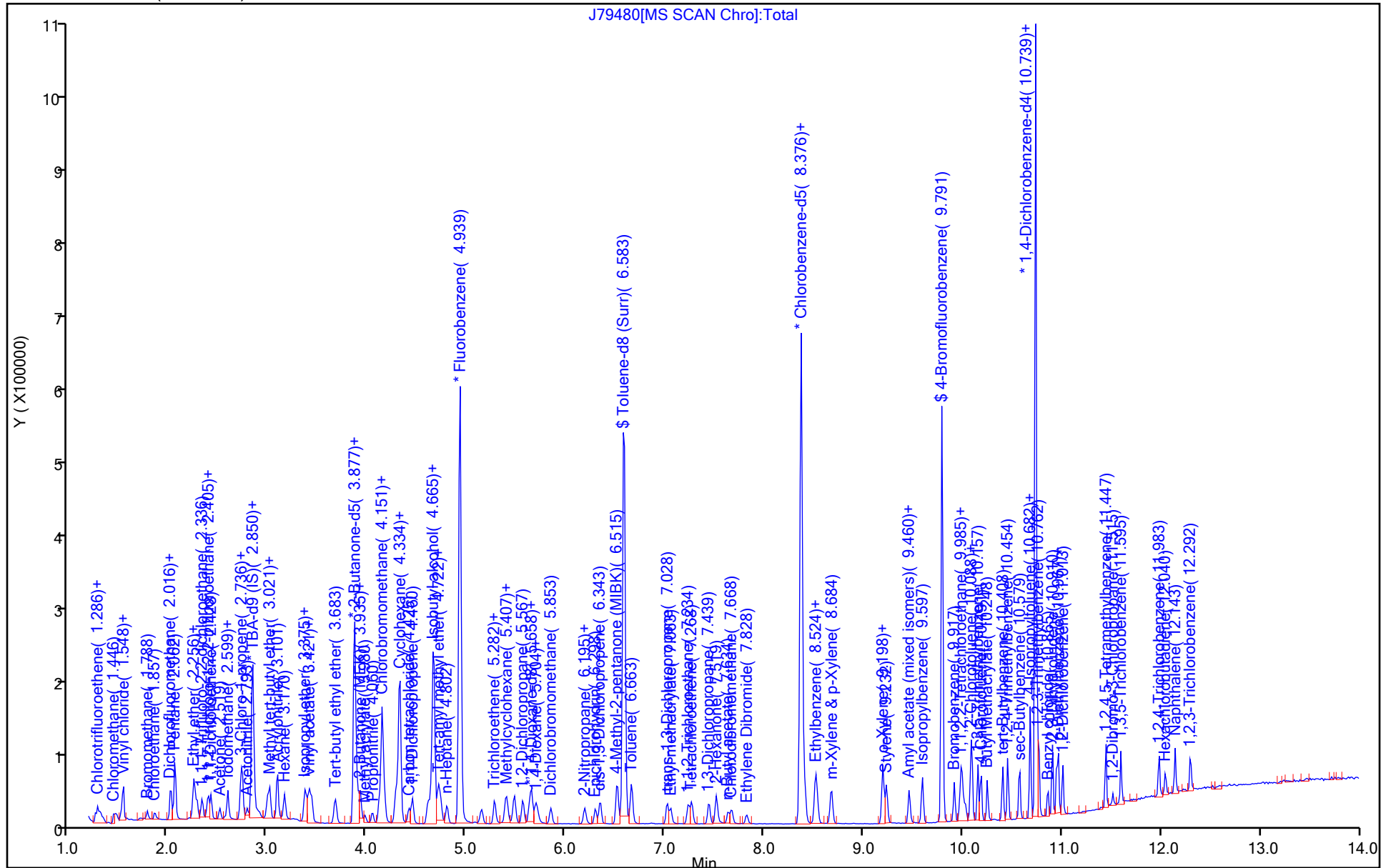
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

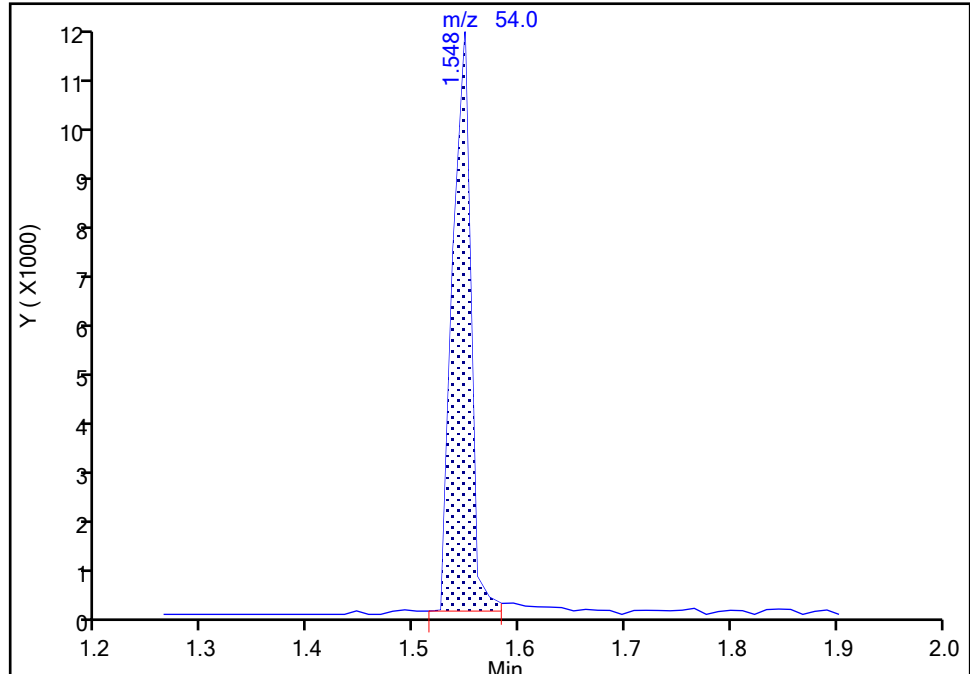
MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

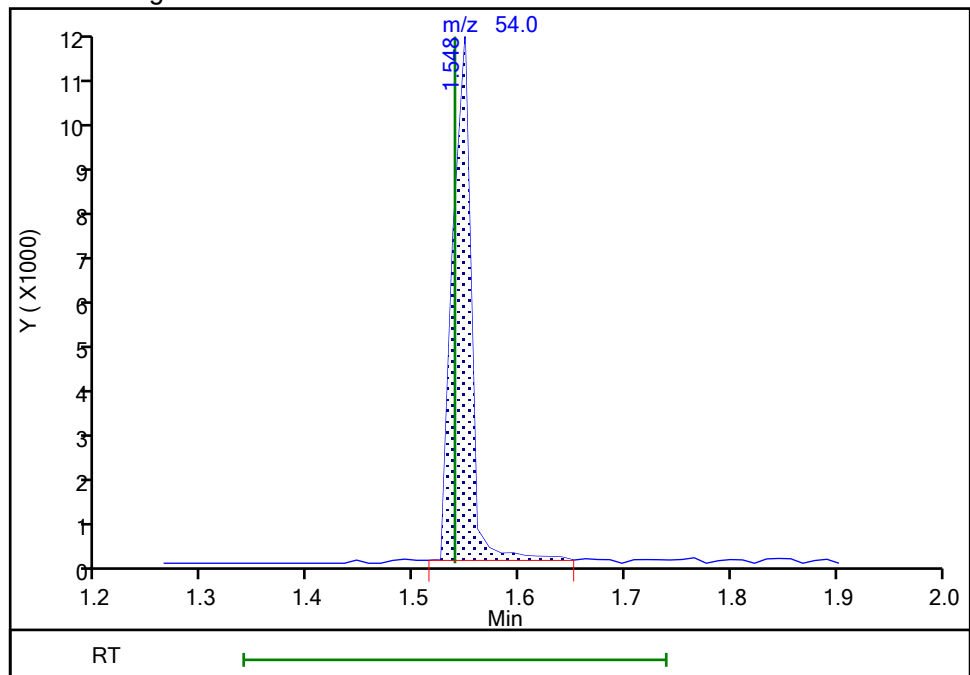
RT: 1.55
Area: 13114
Amount: 4.627641
Amount Units: ug/l

Processing Integration Results



RT: 1.55
Area: 13470
Amount: 4.321144
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:17:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

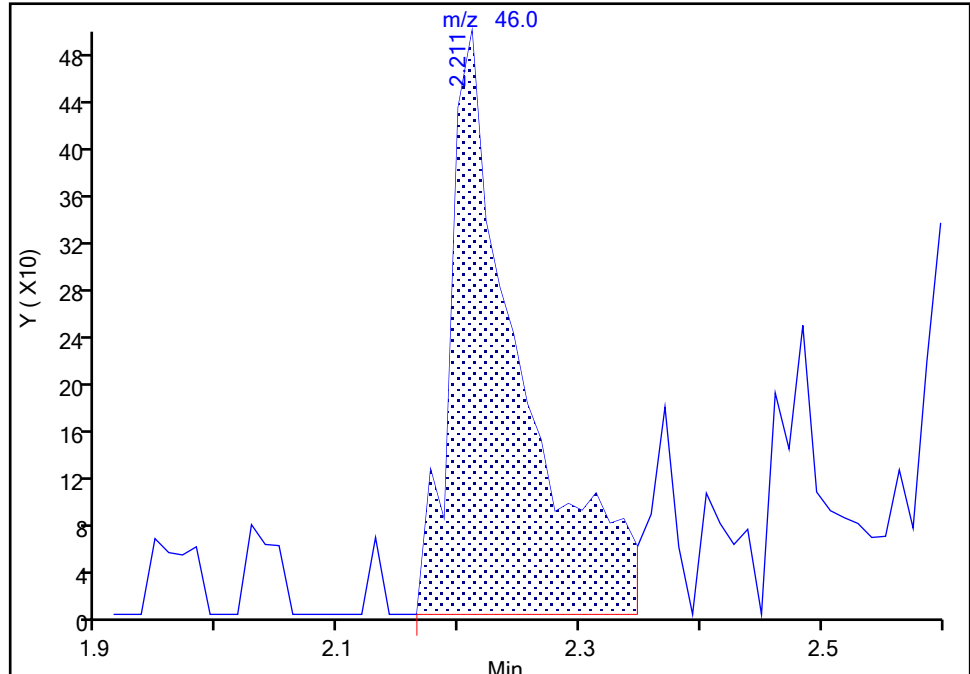
MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

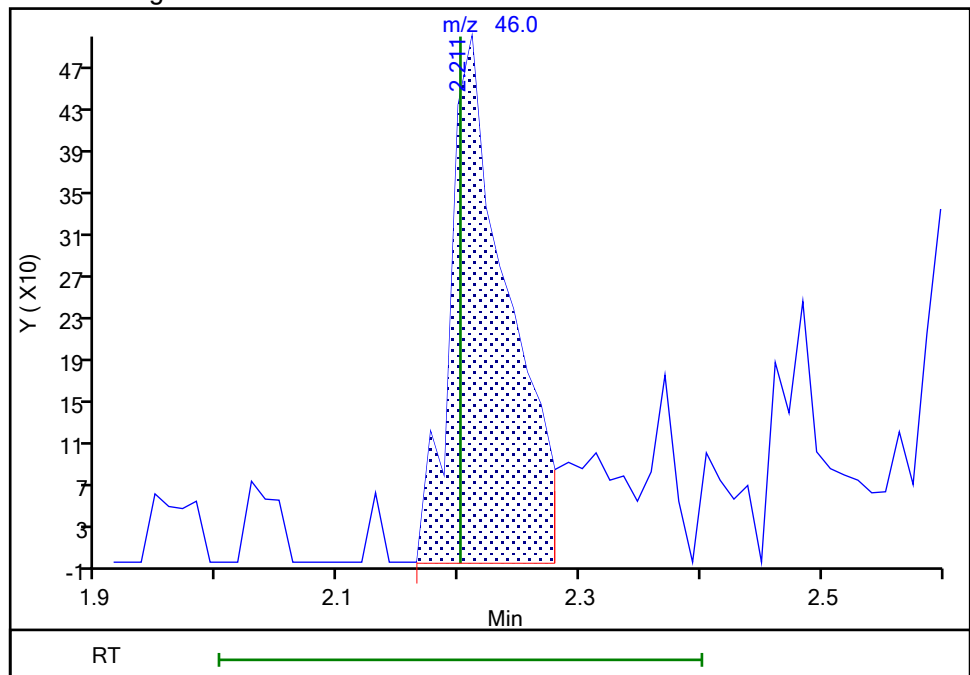
RT: 2.21
Area: 2003
Amount: 266.0094
Amount Units: ug/l

Processing Integration Results



RT: 2.21
Area: 1664
Amount: 200.9761
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:18:46

Audit Action: Manually Integrated

Audit Reason: Shouldering

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

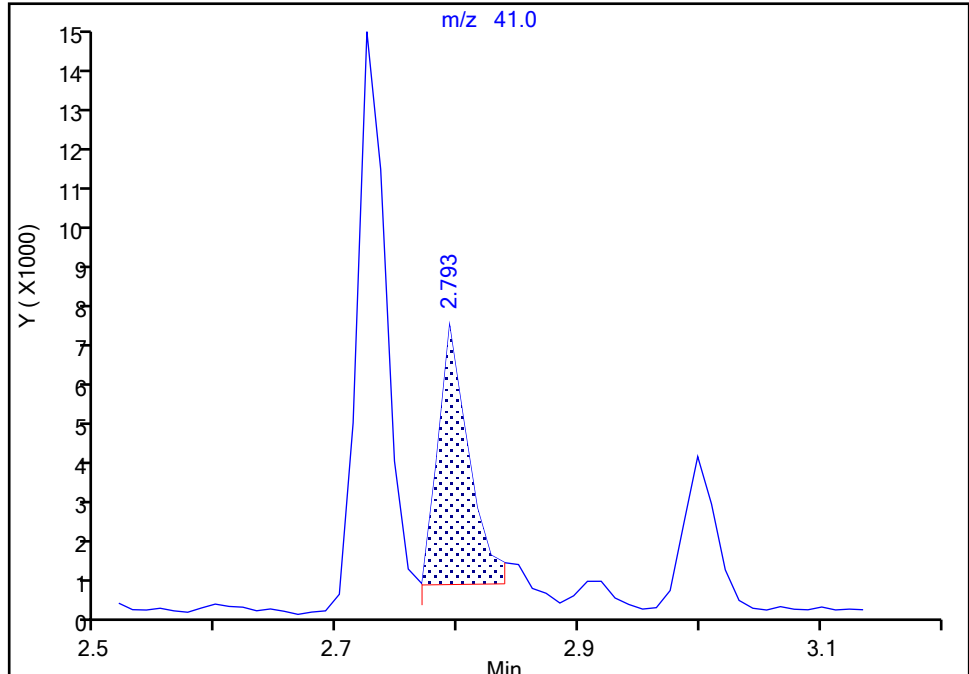
MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

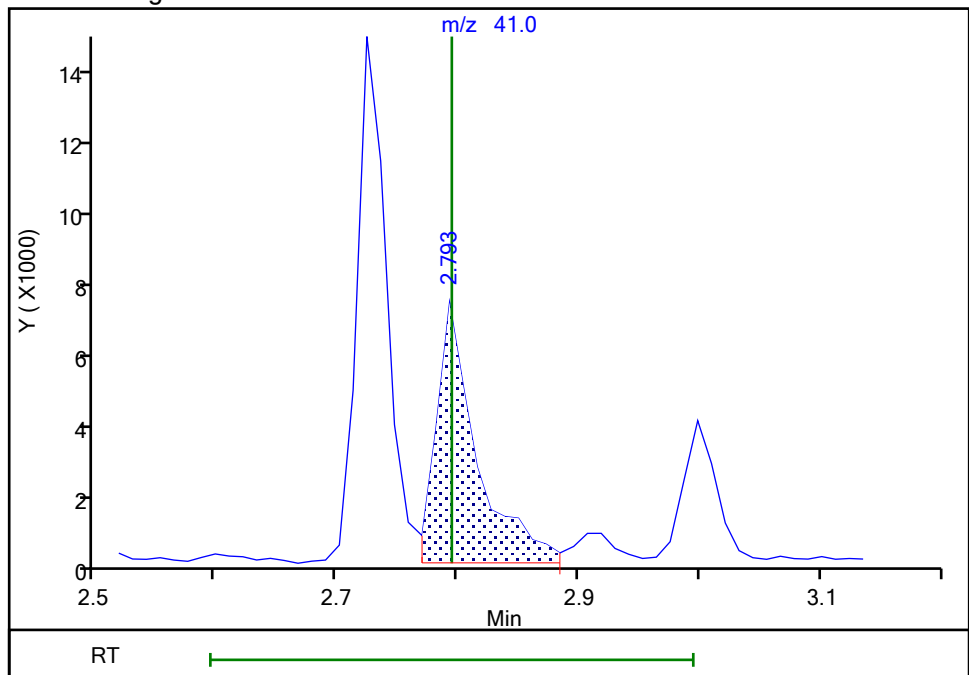
RT: 2.79
Area: 11607
Amount: 32.638921
Amount Units: ug/l

Processing Integration Results



RT: 2.79
Area: 17037
Amount: 54.849246
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:21:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

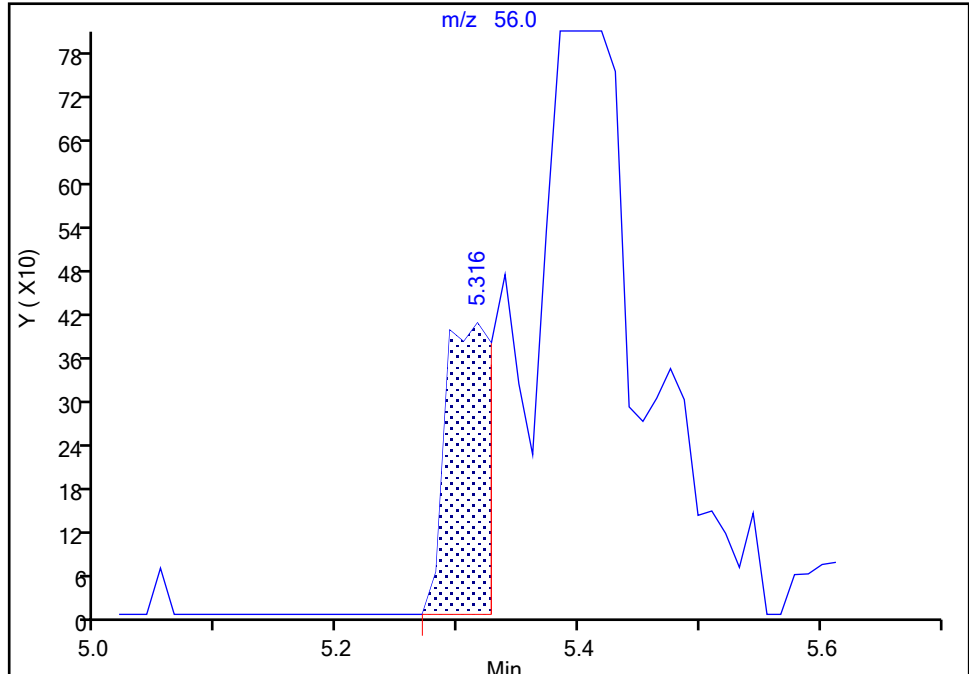
Detector: MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

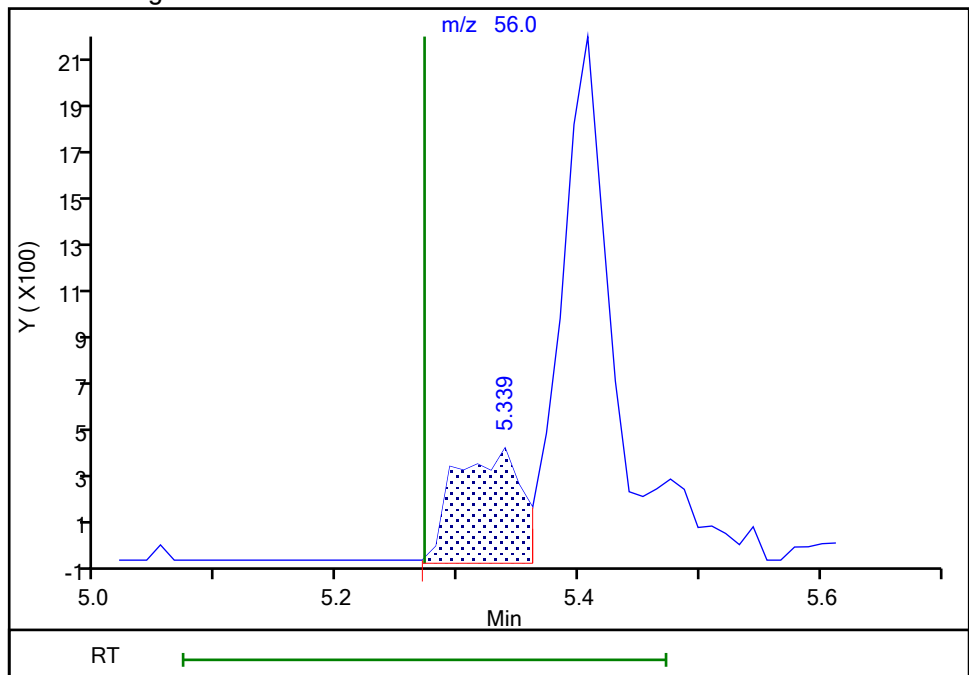
RT: 5.32
Area: 1101
Amount: 62.395562
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 1873
Amount: 61.042292
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:22:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79480.D

Injection Date: 31-Aug-2022 13:47:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

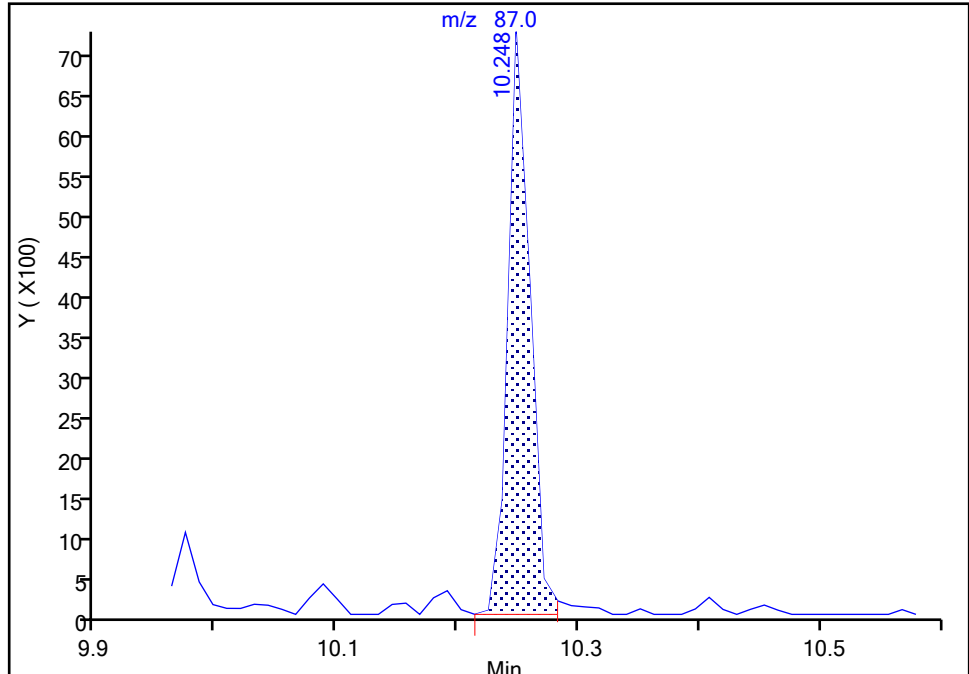
MS SCAN

115 Butyl Methacrylate, CAS: 97-88-1

Signal: 1

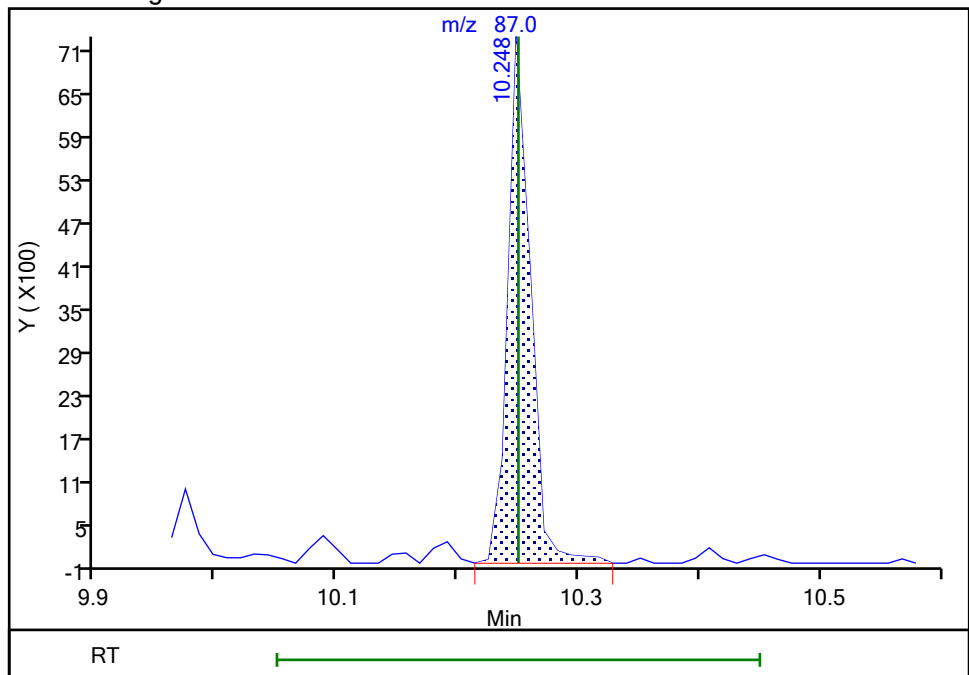
RT: 10.25
Area: 9220
Amount: 3.360157
Amount Units: ug/l

Processing Integration Results



RT: 10.25
Area: 9421
Amount: 3.049521
Amount Units: ug/l

Manual Integration Results



Reviewer: K0HS, 31-Aug-2022 15:31:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79481.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 31-Aug-2022 14:12:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0149864-006
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:30 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: RD6L

Date: 31-Aug-2022 14:55:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.265	1.265	0.000	91	4437	20.0	19.6	
4 Dichlorodifluoromethane	85	1.288	1.288	0.000	99	60091	20.0	18.9	
5 Chlorodifluoromethane	67	1.310	1.310	0.000	98	9492	20.0	19.6	
6 Chloromethane	50	1.447	1.447	0.000	99	79331	20.0	18.8	
7 Vinyl chloride	62	1.527	1.527	0.000	99	59809	20.0	19.3	
8 Butadiene	54	1.539	1.539	0.000	94	58909	20.0	18.6	
9 Bromomethane	94	1.790	1.790	0.000	98	25135	20.0	18.3	
10 Chloroethane	64	1.858	1.858	0.000	98	32642	20.0	20.6	
12 Dichlorofluoromethane	67	2.018	2.018	0.000	99	95338	20.0	19.9	
11 Trichlorofluoromethane	101	2.018	2.018	0.000	98	67275	20.0	20.1	
13 Pentane	43	2.064	2.064	0.000	96	181065	40.0	42.2	
14 Ethanol	46	2.201	2.201	0.000	98	6205	800.0	744.0	
15 Ethyl ether	59	2.247	2.247	0.000	92	40198	20.0	21.1	
16 2-Methyl-1,3-butadiene	53	2.258	2.258	0.000	97	49112	20.0	20.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.281	2.281	0.000	95	31483	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.338	2.338	0.000	98	60321	20.0	19.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.395	2.395	0.000	95	42489	20.0	20.9	
19 Acrolein	56	2.406	2.406	0.000	94	11831	40.0	37.3	
21 1,1-Dichloroethene	96	2.429	2.429	0.000	93	39348	20.0	21.1	
22 Acetone	43	2.521	2.521	0.000	85	67956	100.0	93.2	
23 Iodomethane	142	2.566	2.566	0.000	99	35812	20.0	14.0	
24 Carbon disulfide	76	2.601	2.601	0.000	100	157360	20.0	20.9	
25 Isopropyl alcohol	45	2.601	2.601	0.000	97	20101	200.0	195.7	
26 3-Chloro-1-propene	76	2.726	2.726	0.000	89	27843	20.0	21.1	
27 Cyclopentene	67	2.738	2.738	0.000	95	121271	20.0	20.7	
28 Methyl acetate	43	2.738	2.738	0.000	78	83381	40.0	40.9	
29 Acetonitrile	41	2.795	2.795	0.000	100	71176	200.0	227.5	
* 30 TBA-d9 (IS)	65	2.852	2.852	0.000	95	198143	1000.0	1000.0	
31 Methylene Chloride	84	2.852	2.852	0.000	61	49568	20.0	20.7	
32 2-Methyl-2-propanol	59	2.909	2.909	0.000	99	28131	200.0	196.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.000	3.000	0.000	97	125060	20.0	20.8	
34 trans-1,2-Dichloroethene	96	3.023	3.023	0.000	97	44327	20.0	20.8	
35 Acrylonitrile	53	3.092	3.092	0.000	94	185243	200.0	209.2	
36 Hexane	57	3.171	3.171	0.000	94	65587	20.0	21.3	
37 Isopropyl ether	45	3.377	3.377	0.000	98	193489	20.0	21.1	
38 1,1-Dichloroethane	63	3.400	3.400	0.000	98	97358	20.0	20.9	
39 Vinyl acetate	43	3.423	3.423	0.000	100	217463	40.0	39.1	
40 2-Chloro-1,3-butadiene	88	3.445	3.445	0.000	93	39195	20.0	20.8	
41 Tert-butyl ethyl ether	59	3.685	3.685	0.000	87	144835	20.0	21.2	
* 43 2-Butanone-d5	46	3.868	3.868	0.000	95	304569	250.0	250.0	
42 2,2-Dichloropropane	79	3.879	3.879	0.000	59	22271	20.0	20.7	
44 cis-1,2-Dichloroethene	96	3.902	3.902	0.000	93	46898	20.0	20.6	
46 2-Butanone (MEK)	72	3.925	3.925	0.000	95	22623	100.0	102.1	
45 Ethyl acetate	70	3.936	3.936	0.000	95	8839	40.0	41.6	
47 Methyl acrylate	55	3.982	3.982	0.000	99	42216	20.0	20.7	
48 Propionitrile	54	4.051	4.051	0.000	97	63241	200.0	209.1	
50 Chlorobromomethane	128	4.119	4.119	0.000	97	23293	20.0	21.2	
49 Tetrahydrofuran	72	4.130	4.130	0.000	90	9661	40.0	41.4	
51 Methacrylonitrile	67	4.153	4.153	0.000	97	190532	200.0	208.8	
52 Chloroform	83	4.176	4.176	0.000	97	83860	20.0	20.9	
53 Cyclohexane	84	4.290	4.290	0.000	98	61580	20.0	20.8	
54 1,1,1-Trichloroethane	97	4.313	4.313	0.000	97	66485	20.0	21.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.325	4.325	0.000	95	107068	50.0	50.6	
56 Carbon tetrachloride	117	4.427	4.427	0.000	97	56147	20.0	20.7	
57 1,1-Dichloropropene	75	4.462	4.462	0.000	92	66989	20.0	21.5	
58 Isobutyl alcohol	43	4.610	4.610	0.000	92	58252	500.0	488.6	
59 Isooctane	57	4.621	4.621	0.000	93	113865	20.0	20.6	
60 Benzene	78	4.656	4.656	0.000	97	191788	20.0	21.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	0	137466	50.0	49.7	
63 Tert-amyl methyl ether	55	4.724	4.724	0.000	70	38853	20.0	19.8	
62 Isopropyl acetate	43	4.724	4.724	0.000	92	152513	20.0	20.2	
64 1,2-Dichloroethane	62	4.747	4.747	0.000	96	71550	20.0	21.0	
65 n-Heptane	57	4.804	4.804	0.000	97	24474	20.0	20.8	
* 66 Fluorobenzene	96	4.941	4.941	0.000	98	474521	50.0	50.0	
67 n-Butanol	56	5.272	5.272	0.000	33	12549	500.0	406.0	a
68 Trichloroethene	95	5.284	5.284	0.000	96	47237	20.0	21.2	
69 Methylcyclohexane	83	5.398	5.398	0.000	87	64959	20.0	21.3	
70 Ethyl acrylate	55	5.409	5.409	0.000	97	121214	20.0	21.2	
71 1,2-Dichloropropane	63	5.569	5.569	0.000	88	56381	20.0	20.8	
* 72 1,4-Dioxane-d8	96	5.637	5.637	0.000	0	24096	1000.0	1000.0	
73 Methyl methacrylate	100	5.660	5.660	0.000	94	18235	40.0	40.5	
75 1,4-Dioxane	88	5.695	5.695	0.000	39	4731	400.0	515.7	
74 Dibromomethane	93	5.695	5.695	0.000	94	31407	20.0	20.7	
76 n-Propyl acetate	43	5.717	5.717	0.000	97	77517	20.0	20.7	
77 Dichlorobromomethane	83	5.854	5.854	0.000	98	65289	20.0	20.7	
78 2-Nitropropane	41	6.185	6.185	0.000	87	25996	40.0	38.2	
79 2-Chloroethyl vinyl ether	63	6.197	6.197	0.000	90	29815	20.0	20.2	
80 Epichlorohydrin	57	6.300	6.300	0.000	99	80018	400.0	419.9	
81 cis-1,3-Dichloropropene	75	6.345	6.345	0.000	96	82877	20.0	20.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.517	6.517	0.000	99	248833	100.0	107.1	
\$ 83 Toluene-d8 (Surr)	98	6.585	6.585	0.000	98	391817	50.0	50.1	
84 Toluene	91	6.665	6.665	0.000	93	188985	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
85 trans-1,3-Dichloropropene	75	7.019	7.019	0.000	97	71957	20.0	20.6	
86 Ethyl methacrylate	69	7.053	7.053	0.000	97	50928	20.0	20.0	
87 1,1,2-Trichloroethane	83	7.236	7.236	0.000	94	37580	20.0	20.4	
88 Tetrachloroethene	166	7.270	7.270	0.000	94	42510	20.0	21.1	
89 1,3-Dichloropropane	76	7.441	7.441	0.000	98	74272	20.0	20.8	
90 2-Hexanone	58	7.521	7.521	0.000	99	78306	100.0	104.4	
91 n-Butyl acetate	43	7.635	7.635	0.000	96	82311	20.0	21.0	
92 Chlorodibromomethane	129	7.670	7.670	0.000	97	45921	20.0	21.0	
93 Ethylene Dibromide	107	7.829	7.829	0.000	99	42282	20.0	20.6	
* 94 Chlorobenzene-d5	117	8.377	8.377	0.000	90	358389	50.0	50.0	
95 Chlorobenzene	112	8.412	8.412	0.000	92	120784	20.0	20.8	
96 Ethylbenzene	106	8.514	8.514	0.000	99	60473	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.537	8.537	0.000	94	41923	20.0	20.5	
98 m-Xylene & p-Xylene	106	8.674	8.674	0.000	0	76358	20.0	21.5	
99 o-Xylene	106	9.199	9.199	0.000	92	76721	20.0	21.2	
100 n-Butyl acrylate	73	9.199	9.199	0.000	67	30877	20.0	19.5	
101 Styrene	104	9.234	9.234	0.000	93	127837	20.0	21.6	
102 Amyl acetate (mixed isomers)	43	9.462	9.462	0.000	86	93680	20.0	21.5	
103 Bromoform	173	9.462	9.462	0.000	58	29253	20.0	20.7	
104 Isopropylbenzene	105	9.599	9.599	0.000	97	182457	20.0	21.3	
\$ 105 4-Bromofluorobenzene	174	9.793	9.793	0.000	88	115236	50.0	47.2	
106 Bromobenzene	156	9.919	9.919	0.000	96	50708	20.0	21.8	
107 1,1,2,2-Tetrachloroethane	83	9.976	9.976	0.000	99	58288	20.0	21.2	
108 N-Propylbenzene	91	9.987	9.987	0.000	98	225939	20.0	21.3	
109 1,2,3-Trichloropropane	110	10.010	10.010	0.000	95	13159	20.0	21.3	
110 trans-1,4-Dichloro-2-butene	53	10.033	10.033	0.000	88	18475	20.0	20.9	
111 2-Chlorotoluene	91	10.090	10.090	0.000	97	160793	20.0	21.4	
112 4-Ethyltoluene	105	10.101	10.101	0.000	97	185426	20.0	21.5	
113 1,3,5-Trimethylbenzene	105	10.159	10.159	0.000	92	154879	20.0	21.6	
114 4-Chlorotoluene	91	10.181	10.181	0.000	99	154544	20.0	21.9	
115 Butyl Methacrylate	87	10.250	10.250	0.000	97	57401	20.0	18.9	
116 tert-Butylbenzene	119	10.410	10.410	0.000	92	122717	20.0	21.6	
117 1,2,4-Trimethylbenzene	105	10.455	10.455	0.000	99	160185	20.0	21.5	
118 sec-Butylbenzene	105	10.570	10.570	0.000	99	181571	20.0	21.6	
120 1,3-Dichlorobenzene	146	10.684	10.684	0.000	75	88491	20.0	20.8	
119 4-Isopropyltoluene	119	10.684	10.684	0.000	97	155764	20.0	21.6	
* 121 1,4-Dichlorobenzene-d4	152	10.741	10.741	0.000	96	188817	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.752	10.752	0.000	94	92797	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.764	10.764	0.000	98	176931	20.0	21.9	
124 Benzyl chloride	91	10.855	10.855	0.000	98	98872	20.0	21.7	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	94	164849	20.0	21.3	
126 p-Diethylbenzene	119	10.946	10.946	0.000	93	78334	20.0	21.2	
127 n-Butylbenzene	92	10.969	10.969	0.000	98	83242	20.0	22.0	
128 1,2-Dichlorobenzene	146	11.015	11.015	0.000	96	87944	20.0	20.9	
129 1,2,4,5-Tetramethylbenzene	119	11.449	11.449	0.000	98	153795	20.0	21.3	
130 1,2-Dibromo-3-Chloropropane	157	11.517	11.517	0.000	94	10824	20.0	21.8	
131 1,3,5-Trichlorobenzene	180	11.597	11.597	0.000	96	63158	20.0	20.4	
132 1,2,4-Trichlorobenzene	180	11.985	11.985	0.000	94	57095	20.0	21.1	
133 Hexachlorobutadiene	225	12.054	12.054	0.000	94	19392	20.0	20.9	
134 Naphthalene	128	12.145	12.145	0.000	99	143448	20.0	20.3	
135 1,2,3-Trichlorobenzene	180	12.305	12.305	0.000	95	52096	20.0	20.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	42.7	
S 138 Total BTEX	1				0		100.0	105.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158	Amount Added: 20.00	Units: uL	
524freon_00056	Amount Added: 20.00	Units: uL	
GASES Li_00491	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79481.D

Injection Date: 31-Aug-2022 14:12:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

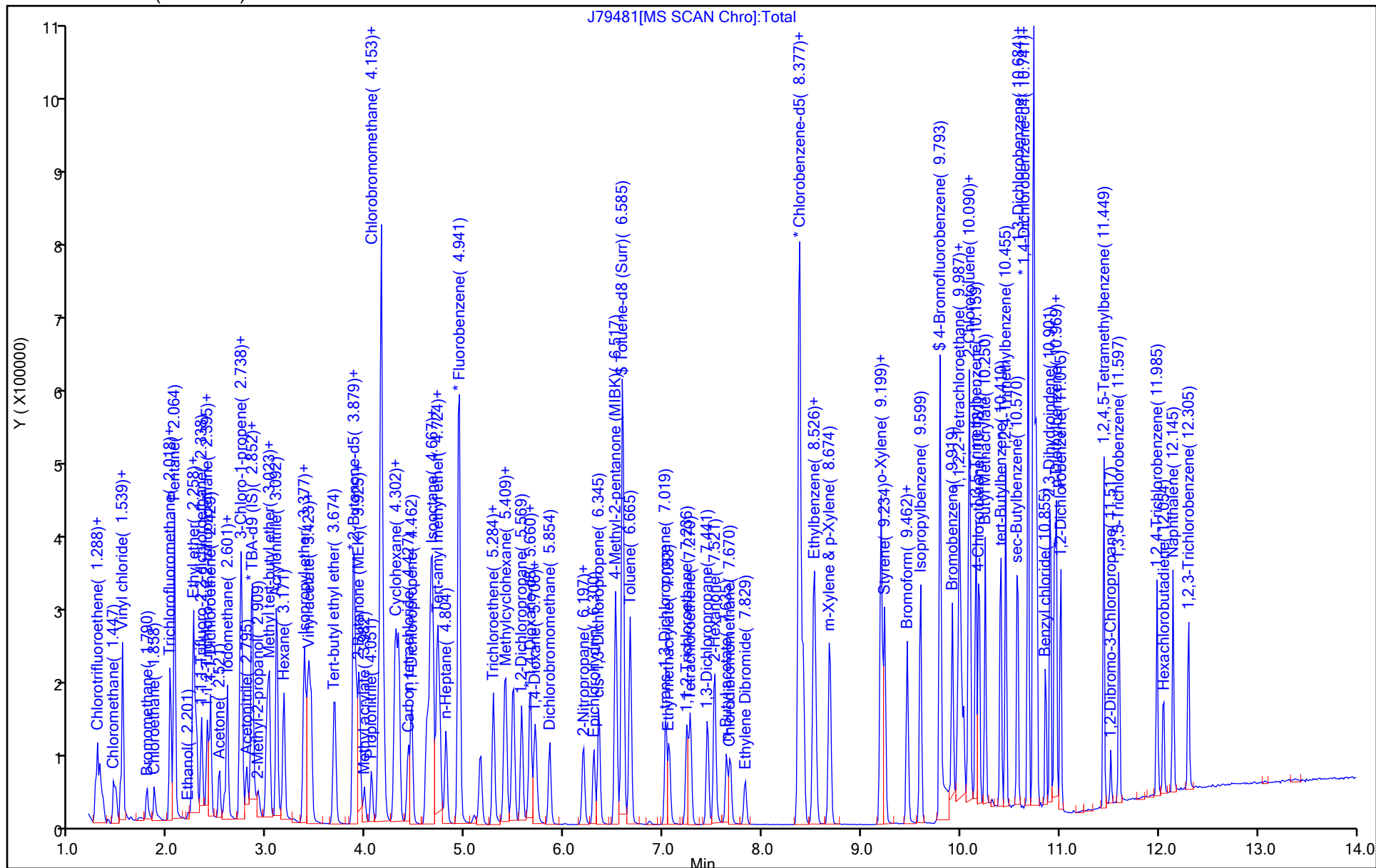
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79481.D

Injection Date: 31-Aug-2022 14:12:30

Instrument ID: CVOAMS8

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

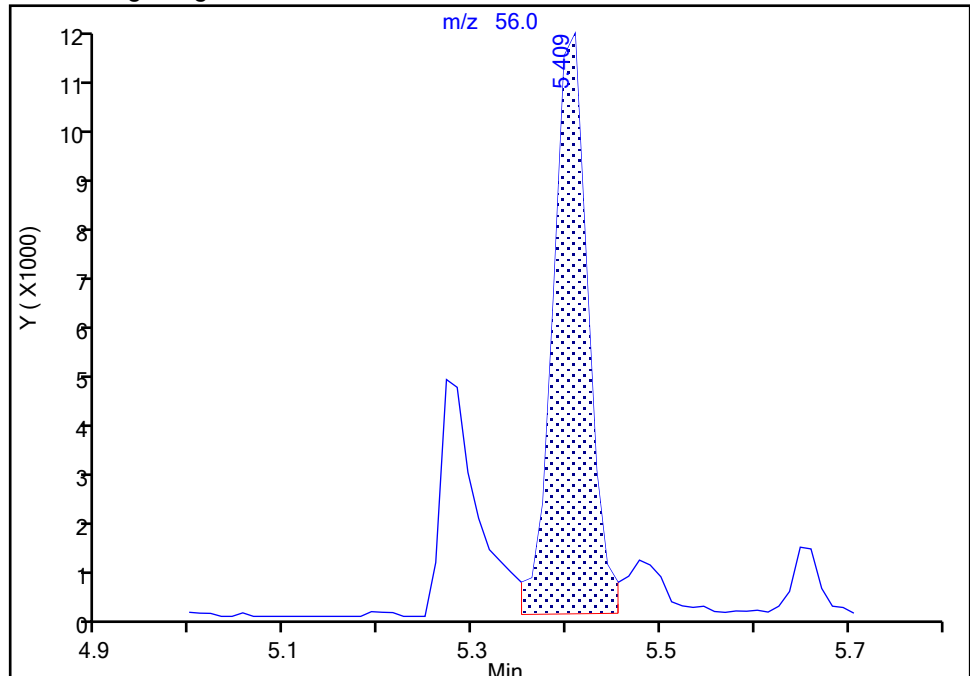
Detector: MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

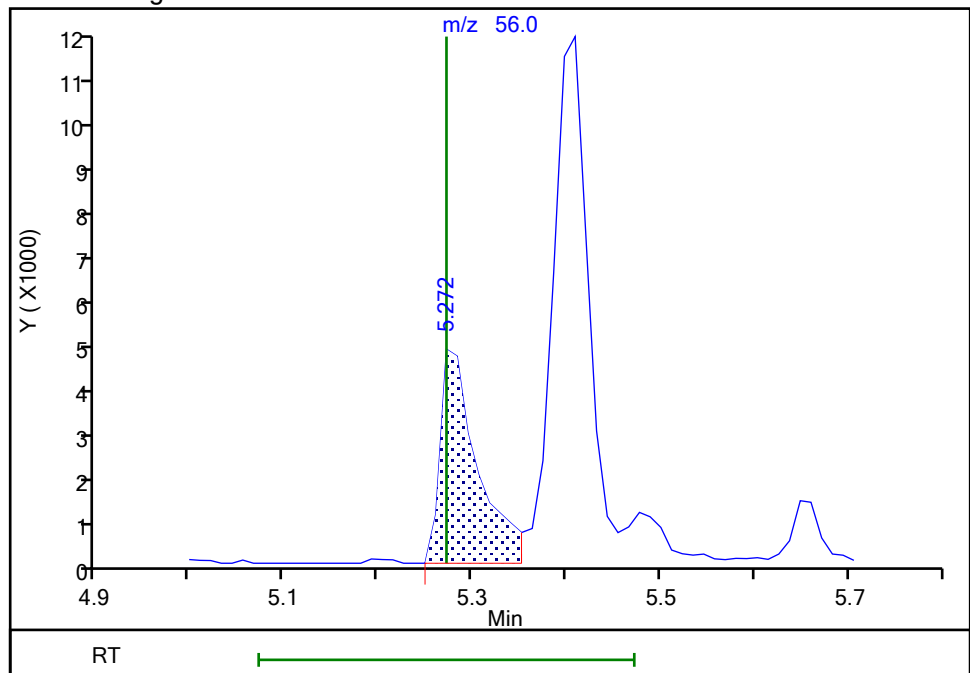
RT: 5.41
Area: 28954
Amount: 1114.5595
Amount Units: ug/l

Processing Integration Results



RT: 5.27
Area: 12549
Amount: 405.9893
Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:54:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79482.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 31-Aug-2022 14:37:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0149864-007
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:36 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: RD6L

Date: 31-Aug-2022 14:54:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.263	1.265	-0.002	97	12284	50.0	53.5	
4 Dichlorodifluoromethane	85	1.286	1.288	-0.002	100	158446	50.0	49.1	
5 Chlorodifluoromethane	67	1.320	1.310	0.010	96	25398	50.0	51.7	
6 Chloromethane	50	1.446	1.447	-0.001	100	207555	50.0	48.5	
7 Vinyl chloride	62	1.526	1.527	-0.001	98	156816	50.0	49.8	
8 Butadiene	54	1.537	1.539	-0.002	95	154115	50.0	48.0	
9 Bromomethane	94	1.788	1.790	-0.002	99	65239	50.0	46.9	
10 Chloroethane	64	1.857	1.858	-0.001	99	87105	50.0	54.1	
12 Dichlorofluoromethane	67	2.017	2.018	-0.001	98	247797	50.0	51.0	
11 Trichlorofluoromethane	101	2.017	2.018	-0.001	98	172664	50.0	50.7	
13 Pentane	43	2.062	2.064	-0.002	96	464656	100.0	106.7	
14 Ethanol	46	2.211	2.201	0.010	100	19639	2000.0	2188.9	
15 Ethyl ether	59	2.245	2.247	-0.002	96	104238	50.0	53.8	
16 2-Methyl-1,3-butadiene	53	2.257	2.258	-0.001	97	129578	50.0	53.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.291	2.281	0.010	98	78551	50.0	51.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.336	2.338	-0.002	98	165639	50.0	52.6	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.394	2.395	-0.001	95	111295	50.0	53.8	
19 Acrolein	56	2.405	2.406	-0.001	97	31939	100.0	93.6	
21 1,1-Dichloroethene	96	2.428	2.429	-0.001	93	100569	50.0	53.2	
22 Acetone	43	2.519	2.521	-0.002	84	182557	250.0	239.2	
23 Iodomethane	142	2.565	2.566	-0.001	99	108511	50.0	42.1	
24 Carbon disulfide	76	2.599	2.601	-0.002	100	398561	50.0	52.2	
25 Isopropyl alcohol	45	2.599	2.601	-0.002	98	57556	500.0	521.0	
26 3-Chloro-1-propene	76	2.725	2.726	-0.001	90	68385	50.0	51.0	
27 Cyclopentene	67	2.747	2.738	0.009	95	307305	50.0	51.6	
28 Methyl acetate	43	2.736	2.738	-0.002	79	213421	100.0	103.1	
29 Acetonitrile	41	2.793	2.795	-0.002	98	170786	500.0	507.4	
* 30 TBA-d9 (IS)	65	2.850	2.852	-0.002	78	213148	1000.0	1000.0	
31 Methylene Chloride	84	2.850	2.852	-0.002	96	127036	50.0	52.1	a
32 2-Methyl-2-propanol	59	2.907	2.909	-0.002	98	81330	500.0	528.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.999	3.000	-0.001	97	326541	50.0	53.4	
34 trans-1,2-Dichloroethene	96	3.021	3.023	-0.002	98	111234	50.0	51.5	
35 Acrylonitrile	53	3.101	3.092	0.009	93	479664	500.0	503.6	
36 Hexane	57	3.170	3.171	-0.001	94	168791	50.0	54.0	
37 Isopropyl ether	45	3.375	3.377	-0.002	98	504335	50.0	54.3	
38 1,1-Dichloroethane	63	3.398	3.400	-0.002	99	244857	50.0	51.9	
39 Vinyl acetate	43	3.421	3.423	-0.002	100	632243	100.0	111.8	
40 2-Chloro-1,3-butadiene	88	3.444	3.445	-0.001	94	99633	50.0	52.0	
41 Tert-butyl ethyl ether	59	3.684	3.685	-0.001	87	381129	50.0	54.9	
* 43 2-Butanone-d5	46	3.878	3.868	0.010	89	318683	250.0	250.0	
42 2,2-Dichloropropane	79	3.878	3.879	-0.001	77	54951	50.0	50.2	
44 cis-1,2-Dichloroethene	96	3.901	3.902	-0.001	92	121190	50.0	52.5	
46 2-Butanone (MEK)	72	3.923	3.925	-0.002	95	58076	250.0	250.5	
45 Ethyl acetate	70	3.935	3.936	-0.001	95	23755	100.0	106.8	
47 Methyl acrylate	55	3.980	3.982	-0.002	99	106287	50.0	51.2	
48 Propionitrile	54	4.049	4.051	-0.002	98	170034	500.0	522.6	
50 Chlorobromomethane	128	4.117	4.119	-0.002	97	57579	50.0	51.7	
49 Tetrahydrofuran	72	4.129	4.130	-0.001	96	26587	100.0	108.9	
51 Methacrylonitrile	67	4.152	4.153	-0.001	97	499305	500.0	538.8	
52 Chloroform	83	4.175	4.176	-0.001	96	212357	50.0	52.2	
53 Cyclohexane	84	4.289	4.290	-0.001	98	164330	50.0	54.7	
54 1,1,1-Trichloroethane	97	4.312	4.313	-0.001	97	169512	50.0	53.3	
\$ 55 Dibromofluoromethane (Surr)	113	4.334	4.325	0.009	95	105371	50.0	49.0	
56 Carbon tetrachloride	117	4.426	4.427	-0.001	97	144667	50.0	52.5	
57 1,1-Dichloropropene	75	4.460	4.462	-0.002	93	169479	50.0	53.5	
58 Isobutyl alcohol	43	4.608	4.610	-0.002	95	170497	1250.0	1329.5	
59 Isooctane	57	4.620	4.621	-0.001	94	312591	50.0	55.6	
60 Benzene	78	4.654	4.656	-0.002	98	482137	50.0	53.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.665	4.667	-0.002	0	134369	50.0	47.9	
63 Tert-amyl methyl ether	55	4.723	4.724	-0.001	69	100079	50.0	50.2	
62 Isopropyl acetate	43	4.723	4.724	-0.001	92	427956	50.0	55.9	
64 1,2-Dichloroethane	62	4.745	4.747	-0.002	96	180705	50.0	52.2	
65 n-Heptane	57	4.802	4.804	-0.002	97	66875	50.0	56.0	
* 66 Fluorobenzene	96	4.939	4.941	-0.002	97	481845	50.0	50.0	
67 n-Butanol	56	5.271	5.272	-0.001	96	47784	1250.0	1437.1	a
68 Trichloroethene	95	5.282	5.284	-0.002	96	119816	50.0	52.9	
69 Methylcyclohexane	83	5.396	5.398	-0.002	87	175172	50.0	56.6	
70 Ethyl acrylate	55	5.408	5.409	-0.001	97	322237	50.0	55.6	
71 1,2-Dichloropropane	63	5.567	5.569	-0.002	89	143166	50.0	52.1	
* 72 1,4-Dioxane-d8	96	5.636	5.637	-0.001	0	26720	1000.0	1000.0	
73 Methyl methacrylate	100	5.659	5.660	-0.001	94	50811	100.0	111.2	
75 1,4-Dioxane	88	5.693	5.695	-0.002	40	17052	1000.0	1542.9	
74 Dibromomethane	93	5.693	5.695	-0.002	93	80364	50.0	52.3	
76 n-Propyl acetate	43	5.716	5.717	-0.001	98	207363	50.0	54.6	
77 Dichlorobromomethane	83	5.853	5.854	-0.001	98	166345	50.0	52.0	
78 2-Nitropropane	41	6.184	6.185	-0.001	93	75144	100.0	102.5	
79 2-Chloroethyl vinyl ether	63	6.195	6.197	-0.002	93	84546	50.1	56.4	
80 Epichlorohydrin	57	6.298	6.300	-0.002	99	213230	1000.0	1069.4	
81 cis-1,3-Dichloropropene	75	6.344	6.345	-0.001	99	216608	50.0	53.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.515	6.517	-0.002	98	664272	250.0	273.3	
\$ 83 Toluene-d8 (Surr)	98	6.584	6.585	-0.001	98	393317	50.0	49.7	
84 Toluene	91	6.663	6.665	-0.002	93	479973	50.0	52.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.029	7.019	0.010	97	189375	50.0	53.5	
86 Ethyl methacrylate	69	7.052	7.053	-0.001	97	141461	50.0	54.7	
87 1,1,2-Trichloroethane	83	7.234	7.236	-0.002	95	98518	50.0	52.8	
88 Tetrachloroethene	166	7.269	7.270	-0.001	94	108098	50.0	52.9	
89 1,3-Dichloropropane	76	7.440	7.441	-0.001	98	189935	50.0	52.6	
90 2-Hexanone	58	7.520	7.521	-0.001	98	209426	250.0	266.9	
91 n-Butyl acetate	43	7.634	7.635	-0.001	96	221049	50.0	55.8	
92 Chlorodibromomethane	129	7.680	7.670	0.010	97	119317	50.0	53.9	
93 Ethylene Dibromide	107	7.828	7.829	-0.001	98	110022	50.0	53.0	
* 94 Chlorobenzene-d5	117	8.376	8.377	-0.001	89	362946	50.0	50.0	
95 Chlorobenzene	112	8.410	8.412	-0.002	92	311344	50.0	53.0	
96 Ethylbenzene	106	8.513	8.514	-0.001	99	162847	50.0	54.3	
97 1,1,1,2-Tetrachloroethane	131	8.536	8.537	-0.001	94	109816	50.0	53.0	
98 m-Xylene & p-Xylene	106	8.684	8.674	0.010	0	196307	50.0	54.5	
99 o-Xylene	106	9.198	9.199	-0.001	92	199108	50.0	54.4	
100 n-Butyl acrylate	73	9.198	9.199	-0.001	79	89460	50.0	55.9	
101 Styrene	104	9.232	9.234	-0.002	92	330039	50.0	55.2	
102 Amyl acetate (mixed isomers)	43	9.461	9.462	-0.001	87	254881	50.0	55.0	
103 Bromoform	173	9.461	9.462	-0.001	57	76049	50.0	53.1	
104 Isopropylbenzene	105	9.598	9.599	-0.001	97	485124	50.0	55.8	
\$ 105 4-Bromofluorobenzene	174	9.792	9.793	-0.001	88	123590	50.0	50.0	
106 Bromobenzene	156	9.917	9.919	-0.002	96	130593	50.0	53.0	
107 1,1,2,2-Tetrachloroethane	83	9.974	9.976	-0.002	99	150890	50.0	51.8	
108 N-Propylbenzene	91	9.986	9.987	-0.001	99	615138	50.0	54.7	
109 1,2,3-Trichloropropane	110	10.009	10.010	-0.001	95	35100	50.0	53.4	
110 trans-1,4-Dichloro-2-butene	53	10.031	10.033	-0.002	89	47784	50.0	50.9	
111 2-Chlorotoluene	91	10.088	10.090	-0.002	97	428697	50.0	53.9	
112 4-Ethyltoluene	105	10.100	10.101	-0.001	97	500008	50.0	54.7	
113 1,3,5-Trimethylbenzene	105	10.157	10.159	-0.001	93	421967	50.0	55.5	
114 4-Chlorotoluene	91	10.191	10.181	0.010	98	392056	50.0	52.5	
115 Butyl Methacrylate	87	10.248	10.250	-0.002	97	155897	50.0	48.5	
116 tert-Butylbenzene	119	10.408	10.410	-0.002	93	331280	50.0	55.0	
117 1,2,4-Trimethylbenzene	105	10.454	10.455	-0.001	99	437174	50.0	55.2	
118 sec-Butylbenzene	105	10.579	10.570	0.009	99	495108	50.0	55.4	
120 1,3-Dichlorobenzene	146	10.682	10.684	-0.002	77	241917	50.0	53.6	
119 4-Isopropyltoluene	119	10.682	10.684	-0.002	97	422426	50.0	55.3	
* 121 1,4-Dichlorobenzene-d4	152	10.739	10.741	-0.002	96	200281	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.751	10.752	-0.001	92	243587	50.0	51.7	
123 1,2,3-Trimethylbenzene	105	10.773	10.764	0.009	99	462730	50.0	54.0	
124 Benzyl chloride	91	10.865	10.855	0.010	98	259836	50.0	53.9	
125 2,3-Dihydroindene	117	10.910	10.901	0.009	95	451266	50.0	55.0	
126 p-Diethylbenzene	119	10.945	10.946	-0.001	92	211271	50.0	53.9	
127 n-Butylbenzene	92	10.968	10.969	-0.001	97	219108	50.0	54.5	
128 1,2-Dichlorobenzene	146	11.013	11.015	-0.002	95	235807	50.0	52.9	
129 1,2,4,5-Tetramethylbenzene	119	11.447	11.449	-0.002	97	429869	50.0	56.2	
130 1,2-Dibromo-3-Chloropropane	157	11.516	11.517	-0.001	91	27279	50.0	51.8	
131 1,3,5-Trichlorobenzene	180	11.607	11.597	0.010	96	169472	50.0	51.6	
132 1,2,4-Trichlorobenzene	180	11.984	11.985	-0.001	94	154239	50.0	53.7	
133 Hexachlorobutadiene	225	12.052	12.054	-0.002	94	51765	50.0	52.6	
134 Naphthalene	128	12.155	12.145	0.010	99	403389	50.0	53.8	
135 1,2,3-Trichlorobenzene	180	12.303	12.305	-0.002	95	140385	50.0	51.8	
S 136 1,2-Dichloroethene, Total	100				0		100.0	104.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	108.9	
S 138 Total BTEX	1				0		250.0	269.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158	Amount Added: 50.00	Units: uL	
524freon_00056	Amount Added: 50.00	Units: uL	
GASES Li_00491	Amount Added: 50.00	Units: uL	
ACROLEIN W_00143	Amount Added: 10.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79482.D

Injection Date: 31-Aug-2022 14:37:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

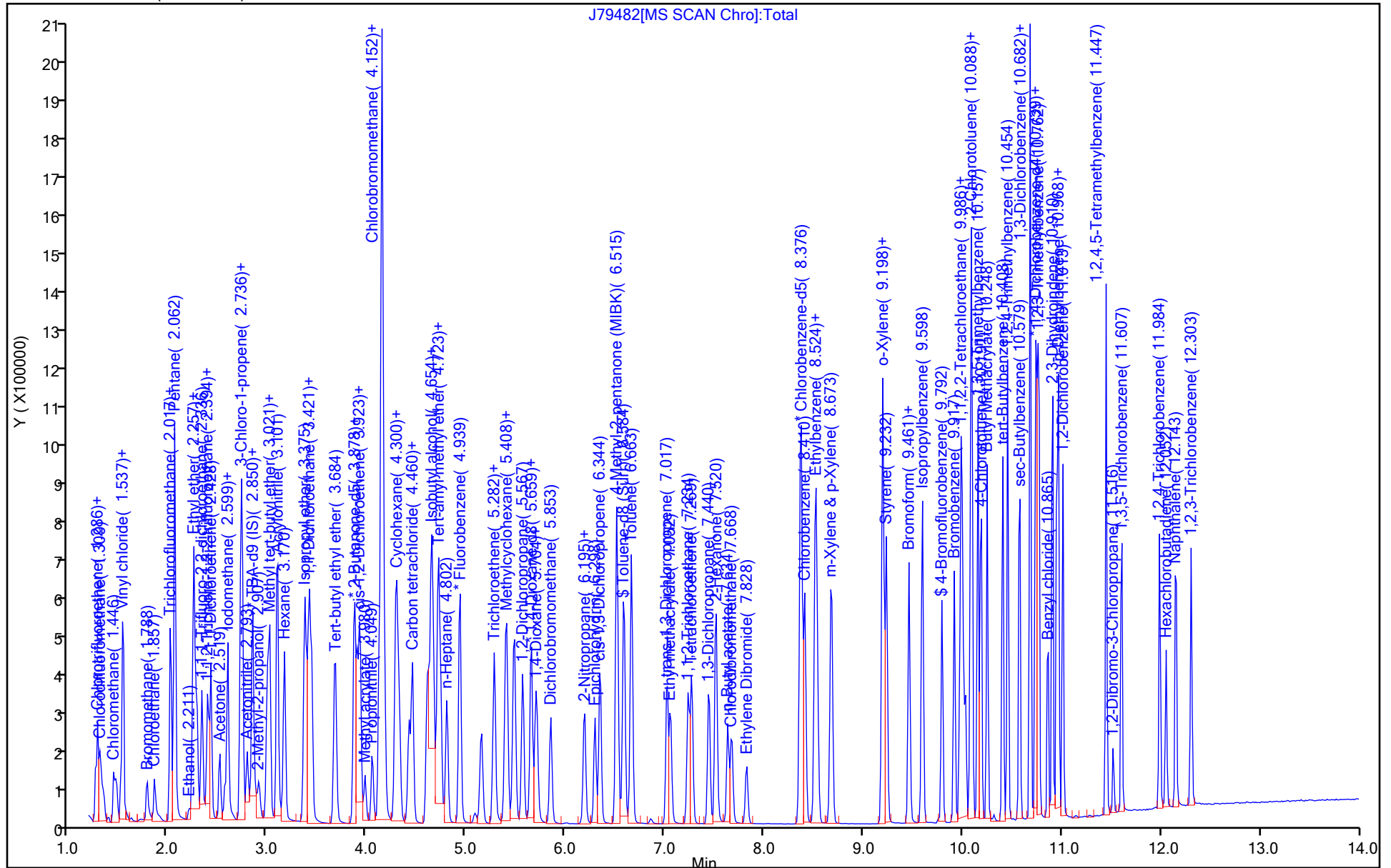
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79482.D

Injection Date: 31-Aug-2022 14:37:30

Instrument ID: CVOAMS8

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

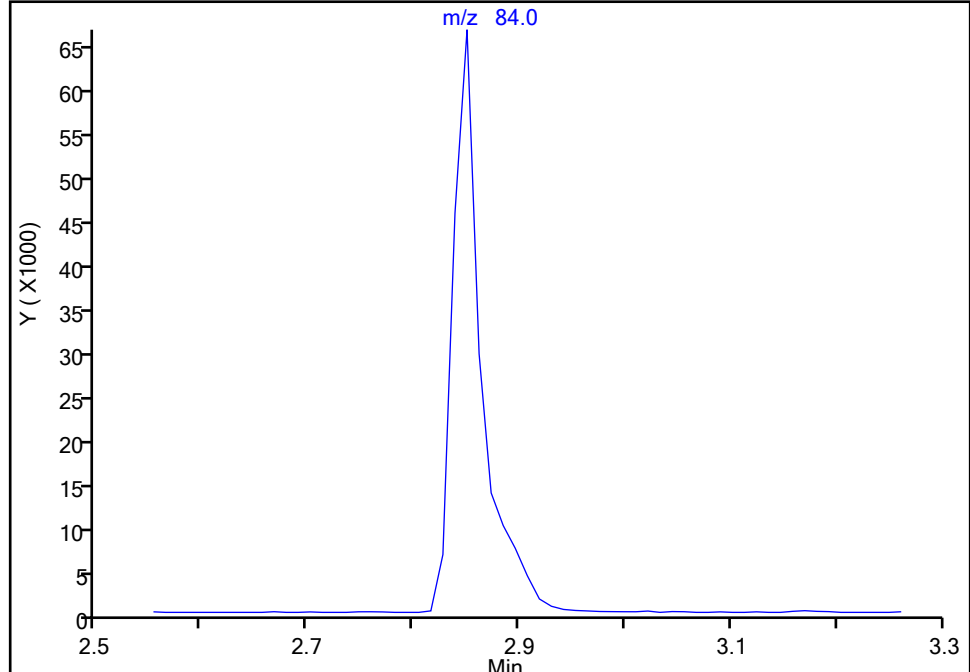
31 Methylene Chloride, CAS: 75-09-2

Signal: 1

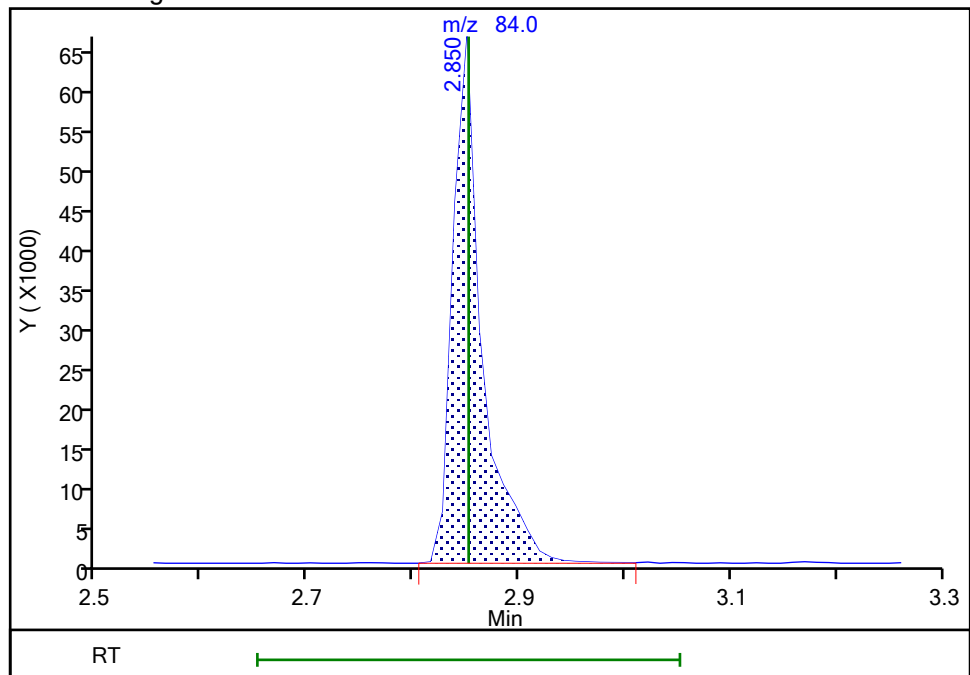
Not Detected

Expected RT: 2.85

Processing Integration Results



Manual Integration Results



RT: 2.85
Area: 127036
Amount: 52.145577
Amount Units: ug/l

Reviewer: RD6L, 31-Aug-2022 14:54:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79482.D

Injection Date: 31-Aug-2022 14:37:30

Instrument ID: CVOAMS8

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

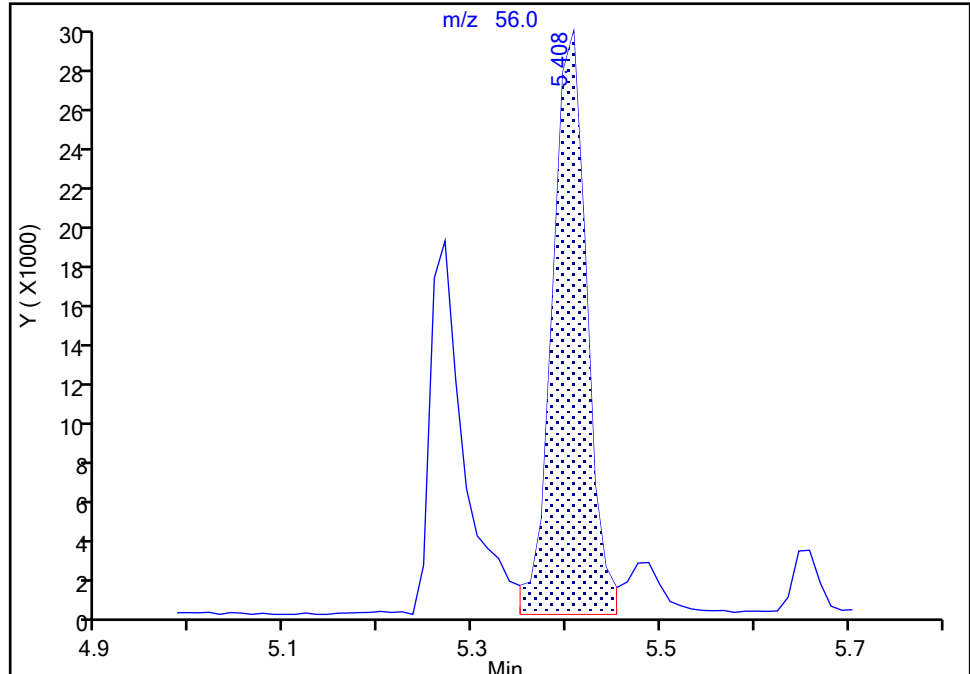
Detector: MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

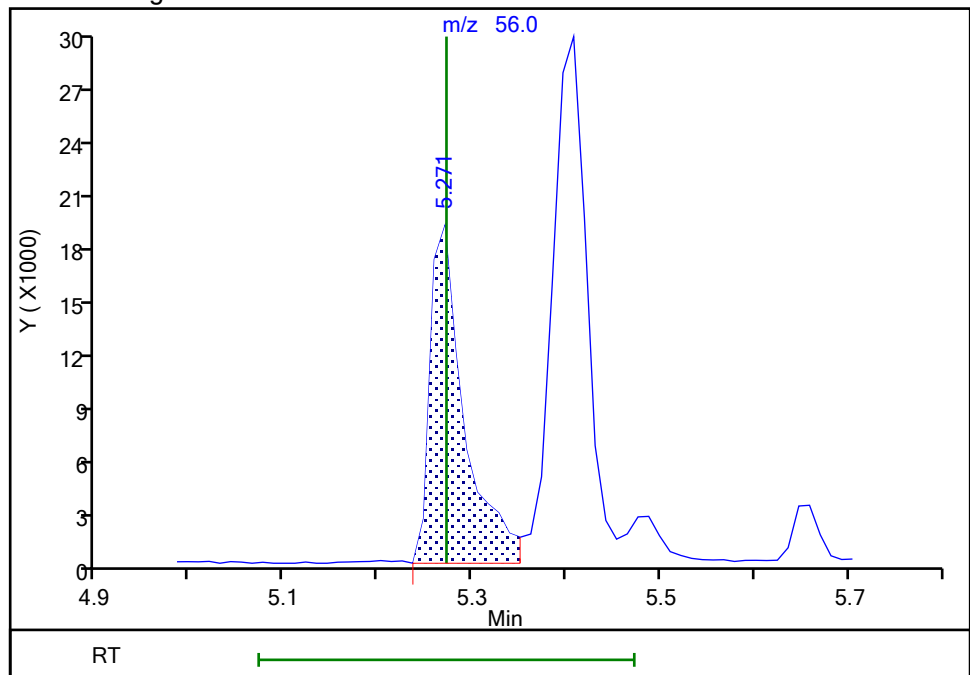
RT: 5.41
Area: 75339
Amount: 2251.8669
Amount Units: ug/l

Processing Integration Results



RT: 5.27
Area: 47784
Amount: 1437.0948
Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 31-Aug-2022 14:54:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79483.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 31-Aug-2022 15:02:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0149864-008
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:44 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: K0HS

Date: 31-Aug-2022 15:35:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.262	1.265	-0.003	97	54741	200.0	228.2	
4 Dichlorodifluoromethane	85	1.284	1.288	-0.004	100	761655	200.0	225.9	
5 Chlorodifluoromethane	67	1.319	1.310	0.009	97	99374	200.0	193.5	
6 Chloromethane	50	1.444	1.447	-0.003	100	897019	200.0	200.5	
7 Vinyl chloride	62	1.524	1.527	-0.003	99	670587	200.0	204.0	
8 Butadiene	54	1.547	1.539	0.008	95	693773	200.0	206.8	
9 Bromomethane	94	1.787	1.790	-0.003	98	310333	200.0	213.4	
10 Chloroethane	64	1.855	1.858	-0.003	99	357441	200.0	212.6	
12 Dichlorofluoromethane	67	2.015	2.018	-0.003	99	1000278	200.0	196.8	
11 Trichlorofluoromethane	101	2.027	2.018	0.009	99	729350	200.0	205.0	
13 Pentane	43	2.061	2.064	-0.003	96	1832416	400.0	402.8	
14 Ethanol	46	2.209	2.201	0.008	99	67320	8000.0	7223.8	
15 Ethyl ether	59	2.243	2.247	-0.004	92	426734	200.0	210.9	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	97	526979	200.0	206.7	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.289	2.281	0.008	98	336234	200.0	211.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.335	2.338	-0.003	99	679271	200.0	206.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	95	438211	200.0	202.9	
19 Acrolein	56	2.403	2.406	-0.003	97	68423	200.0	193.0	
21 1,1-Dichloroethene	96	2.426	2.429	-0.003	94	405730	200.0	205.3	
22 Acetone	43	2.517	2.521	-0.004	85	812496	1000.0	1012.1	
23 Iodomethane	142	2.575	2.566	0.009	99	528180	200.0	204.4	
24 Carbon disulfide	76	2.597	2.601	-0.004	100	1629888	200.0	204.3	
25 Isopropyl alcohol	45	2.609	2.601	0.008	99	222653	2000.0	1940.3	
26 3-Chloro-1-propene	76	2.723	2.726	-0.003	95	288459	200.0	205.7	
27 Cyclopentene	67	2.746	2.738	0.008	96	1283537	200.0	206.3	
28 Methyl acetate	43	2.746	2.738	0.008	77	877511	400.0	405.9	
29 Acetonitrile	41	2.791	2.795	-0.004	98	681232	2000.0	1948.5	
* 30 TBA-d9 (IS)	65	2.849	2.852	-0.003	51	221392	1000.0	1000.0	
31 Methylene Chloride	84	2.849	2.852	-0.003	99	506702	200.0	199.1	
32 2-Methyl-2-propanol	59	2.917	2.909	0.008	98	329323	2000.0	2059.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.997	3.000	-0.003	97	1358458	200.0	212.6	
34 trans-1,2-Dichloroethene	96	3.020	3.023	-0.003	98	454380	200.0	201.2	
35 Acrylonitrile	53	3.100	3.092	0.008	94	2007145	2000.0	2028.8	
36 Hexane	57	3.168	3.171	-0.003	94	646291	200.0	197.8	
37 Isopropyl ether	45	3.374	3.377	-0.003	97	2033017	200.0	209.3	
38 1,1-Dichloroethane	63	3.397	3.400	-0.003	100	995120	200.0	201.7	
39 Vinyl acetate	43	3.419	3.423	-0.004	100	2481783	400.0	420.1	
40 2-Chloro-1,3-butadiene	88	3.442	3.445	-0.003	94	411128	200.0	205.2	
41 Tert-butyl ethyl ether	59	3.682	3.685	-0.003	87	1584393	200.0	218.5	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	63	335199	250.0	250.0	
42 2,2-Dichloropropane	79	3.876	3.879	-0.003	96	226789	200.0	198.4	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	93	503950	200.0	209.0	
46 2-Butanone (MEK)	72	3.922	3.925	-0.003	96	255946	1000.0	1049.7	
45 Ethyl acetate	70	3.933	3.936	-0.003	95	101404	400.0	433.5	
47 Methyl acrylate	55	3.979	3.982	-0.003	99	449880	200.0	207.6	
48 Propionitrile	54	4.059	4.051	0.008	98	692033	2000.0	2047.9	
50 Chlorobromomethane	128	4.127	4.119	0.008	97	235999	200.0	202.8	
49 Tetrahydrofuran	72	4.127	4.130	-0.003	69	108806	400.0	423.5	
51 Methacrylonitrile	67	4.150	4.153	-0.003	97	2116958	2000.0	2186.4	
52 Chloroform	83	4.173	4.176	-0.003	97	878018	200.0	206.7	
53 Cyclohexane	84	4.287	4.290	-0.003	98	651243	200.0	207.5	
54 1,1,1-Trichloroethane	97	4.310	4.313	-0.003	97	699549	200.0	210.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.333	4.325	0.008	96	110206	50.0	49.1	
56 Carbon tetrachloride	117	4.424	4.427	-0.003	98	604553	200.0	210.0	
57 1,1-Dichloropropene	75	4.458	4.462	-0.004	93	701849	200.0	212.2	
58 Isobutyl alcohol	43	4.607	4.610	-0.003	93	725188	5000.0	5444.2	
59 Isooctane	57	4.618	4.621	-0.003	94	1274785	200.0	217.0	
60 Benzene	78	4.652	4.656	-0.004	98	1962380	200.0	205.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.675	4.667	0.008	0	146876	50.0	50.1	
63 Tert-amyl methyl ether	55	4.721	4.724	-0.003	71	409162	200.0	196.5	
62 Isopropyl acetate	43	4.721	4.724	-0.003	93	1758887	200.0	219.9	
64 1,2-Dichloroethane	62	4.744	4.747	-0.003	96	743665	200.0	205.4	
65 n-Heptane	57	4.801	4.804	-0.003	98	260048	200.0	208.3	
* 66 Fluorobenzene	96	4.938	4.941	-0.003	97	503446	50.0	50.0	
67 n-Butanol	56	5.257	5.272	-0.015	97	202689	5000.0	5868.8	
68 Trichloroethene	95	5.280	5.284	-0.004	96	499744	200.0	211.1	
69 Methylcyclohexane	83	5.406	5.398	0.008	93	706058	200.0	218.3	
70 Ethyl acrylate	55	5.406	5.409	-0.003	98	1336419	200.0	220.8	
71 1,2-Dichloropropane	63	5.566	5.569	-0.003	88	605120	200.0	210.8	
* 72 1,4-Dioxane-d8	96	5.634	5.637	-0.003	0	31840	1000.0	1000.0	
73 Methyl methacrylate	100	5.657	5.660	-0.003	94	218125	400.0	457.1	
75 1,4-Dioxane	88	5.691	5.695	-0.004	90	59551	4000.0	3839.0	
74 Dibromomethane	93	5.703	5.695	0.008	93	333752	200.0	207.8	
76 n-Propyl acetate	43	5.714	5.717	-0.003	98	885513	200.0	223.3	
77 Dichlorobromomethane	83	5.851	5.854	-0.003	98	705914	200.0	211.2	
78 2-Nitropropane	41	6.182	6.185	-0.003	97	322701	400.0	424.0	
79 2-Chloroethyl vinyl ether	63	6.194	6.197	-0.003	95	364618	200.5	232.9	
80 Epichlorohydrin	57	6.296	6.300	-0.004	99	924141	4000.0	4406.3	
81 cis-1,3-Dichloropropene	75	6.353	6.345	0.008	98	915946	200.0	214.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.513	6.517	-0.004	98	2872862	1000.0	1123.7	
\$ 83 Toluene-d8 (Surr)	98	6.593	6.585	0.008	98	423912	50.0	50.4	
84 Toluene	91	6.662	6.665	-0.003	93	1971845	200.0	204.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.027	7.019	0.008	97	831703	200.0	221.4	
86 Ethyl methacrylate	69	7.061	7.053	0.008	96	629721	200.0	232.9	
87 1,1,2-Trichloroethane	83	7.233	7.236	-0.003	95	425722	200.0	214.7	
88 Tetrachloroethene	166	7.278	7.270	0.008	96	454795	200.0	209.8	
89 1,3-Dichloropropane	76	7.449	7.441	0.008	98	804229	200.0	209.8	
90 2-Hexanone	58	7.518	7.521	-0.003	99	967999	1000.0	1173.0	
91 n-Butyl acetate	43	7.632	7.635	-0.003	97	953920	200.0	226.7	
92 Chlorodibromomethane	129	7.678	7.670	0.008	97	522641	200.0	222.3	
93 Ethylene Dibromide	107	7.826	7.829	-0.003	99	465329	200.0	211.1	
* 94 Chlorobenzene-d5	117	8.374	8.377	-0.003	89	385389	50.0	50.0	
95 Chlorobenzene	112	8.409	8.412	-0.004	92	1296936	200.0	208.1	
96 Ethylbenzene	106	8.523	8.514	0.009	99	698093	200.0	219.1	
97 1,1,1,2-Tetrachloroethane	131	8.534	8.537	-0.003	95	477984	200.0	217.4	
98 m-Xylene & p-Xylene	106	8.683	8.674	0.008	0	824540	200.0	215.5	
99 o-Xylene	106	9.196	9.199	-0.003	92	850240	200.0	218.9	
100 n-Butyl acrylate	73	9.196	9.199	-0.003	77	403561	200.0	237.4	
101 Styrene	104	9.231	9.234	-0.003	92	1421706	200.0	223.9	
102 Amyl acetate (mixed isomers)	43	9.459	9.462	-0.003	91	1103195	200.0	221.6	
103 Bromoform	173	9.459	9.462	-0.003	57	349166	200.0	229.5	
104 Isopropylbenzene	105	9.596	9.599	-0.003	97	2067940	200.0	224.0	
\$ 105 4-Bromofluorobenzene	174	9.801	9.793	0.008	94	134208	50.0	51.1	
106 Bromobenzene	156	9.916	9.919	-0.003	96	557974	200.0	210.7	
107 1,1,2,2-Tetrachloroethane	83	9.973	9.976	-0.003	98	648354	200.0	207.2	
108 N-Propylbenzene	91	9.995	9.987	0.008	99	2624902	200.0	217.3	
109 1,2,3-Trichloropropane	110	10.018	10.010	0.008	97	151738	200.0	215.0	
110 trans-1,4-Dichloro-2-butene	53	10.030	10.033	-0.003	90	210227	200.0	208.3	
111 2-Chlorotoluene	91	10.087	10.090	-0.003	97	1852942	200.0	216.6	
112 4-Ethyltoluene	105	10.098	10.101	-0.003	97	2164840	200.0	220.2	
113 1,3,5-Trimethylbenzene	105	10.155	10.159	-0.003	92	1781010	200.0	218.1	
114 4-Chlorotoluene	91	10.190	10.181	0.009	98	1693158	200.0	210.9	
115 Butyl Methacrylate	87	10.247	10.250	-0.003	97	688883	200.0	200.8	
116 tert-Butylbenzene	119	10.406	10.410	-0.004	92	1429330	200.0	220.8	
117 1,2,4-Trimethylbenzene	105	10.452	10.455	-0.003	99	1848627	200.0	217.2	
118 sec-Butylbenzene	105	10.578	10.570	0.008	98	2089955	200.0	217.8	
120 1,3-Dichlorobenzene	146	10.680	10.684	-0.004	94	1064032	200.0	219.4	
119 4-Isopropyltoluene	119	10.680	10.684	-0.004	96	1839167	200.0	224.0	
* 121 1,4-Dichlorobenzene-d4	152	10.738	10.741	-0.003	96	215231	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.749	10.752	-0.003	92	1042715	200.0	206.0	
123 1,2,3-Trimethylbenzene	105	10.772	10.764	0.008	99	2024362	200.0	219.9	
124 Benzyl chloride	91	10.863	10.855	0.008	98	1164806	200.0	224.7	
125 2,3-Dihydroindene	117	10.909	10.901	0.008	95	1901315	200.0	215.8	
126 p-Diethylbenzene	119	10.954	10.946	0.008	93	920055	200.0	218.4	
127 n-Butylbenzene	92	10.966	10.969	-0.003	98	964390	200.0	223.4	
128 1,2-Dichlorobenzene	146	11.012	11.015	-0.003	95	1027292	200.0	214.6	
129 1,2,4,5-Tetramethylbenzene	119	11.445	11.449	-0.004	97	1812656	200.0	220.7	
130 1,2-Dibromo-3-Chloropropane	157	11.525	11.517	0.008	95	120215	200.0	212.5	
131 1,3,5-Trichlorobenzene	180	11.605	11.597	0.008	97	733719	200.0	208.1	
132 1,2,4-Trichlorobenzene	180	11.993	11.985	0.008	94	674173	200.0	218.3	
133 Hexachlorobutadiene	225	12.050	12.054	-0.004	93	210851	200.0	199.5	
134 Naphthalene	128	12.153	12.145	0.008	99	1721369	200.0	213.5	
135 1,2,3-Trichlorobenzene	180	12.302	12.305	-0.003	94	599809	200.0	205.8	
S 136 1,2-Dichloroethene, Total	100				0		400.0	410.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	434.4	
S 138 Total BTEX	1				0		1000.0	1063.2	

QC Flag Legend

Processing Flags

Reagents:

GAS Hi_00423	Amount Added: 20.00	Units: uL	
Ethanol mix_00068	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 20.00	Units: uL	
MIX I Hi_00154	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 20.00	Units: uL	
8FreonHi_00048	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79483.D

Injection Date: 31-Aug-2022 15:02:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

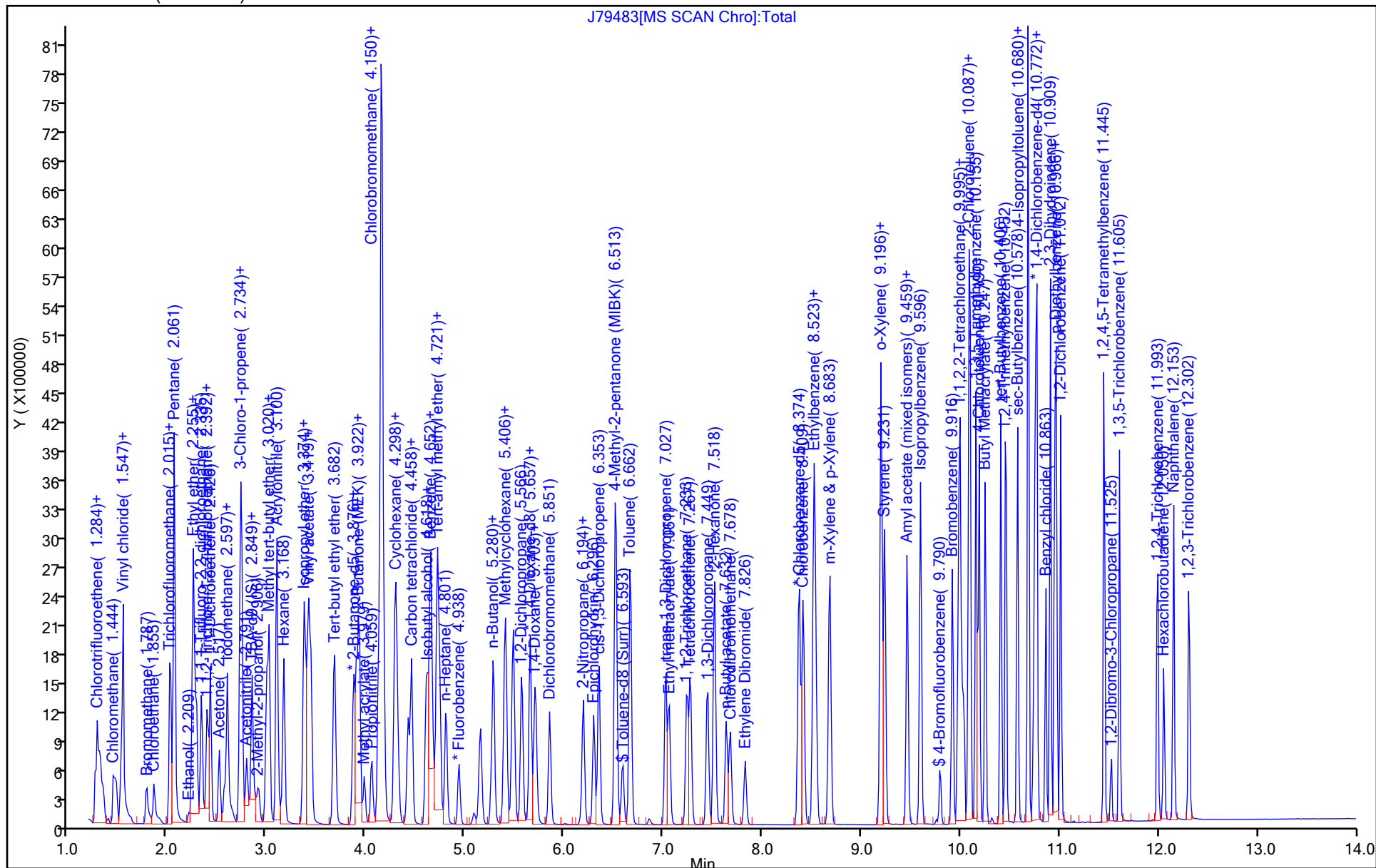
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 31-Aug-2022 15:27:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0149864-009
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:10:50 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: W9CM

Date: 01-Sep-2022 18:06:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.262	1.265	-0.003	97	144843	500.0	564.4	
4 Dichlorodifluoromethane	85	1.285	1.288	-0.003	100	1993003	500.0	552.4	
5 Chlorodifluoromethane	67	1.319	1.310	0.009	98	260179	500.0	473.6	
6 Chloromethane	50	1.445	1.447	-0.002	99	2460345	500.0	514.0	
7 Vinyl chloride	62	1.525	1.527	-0.002	99	1775312	500.0	504.8	
8 Butadiene	54	1.547	1.539	0.008	95	1833119	500.0	510.7	
9 Bromomethane	94	1.776	1.790	-0.014	99	870846	500.0	559.7	
10 Chloroethane	64	1.856	1.858	-0.002	99	928557	500.0	516.2	
12 Dichlorofluoromethane	67	2.016	2.018	-0.003	99	2637960	500.0	485.2	
11 Trichlorofluoromethane	101	2.027	2.018	0.009	99	1927579	500.0	506.5	M
13 Pentane	43	2.061	2.064	-0.003	95	4495428	1000.0	923.7	
14 Ethanol	46	2.210	2.201	0.009	97	197813	20000	19720	a
15 Ethyl ether	59	2.244	2.247	-0.003	93	1094259	500.0	505.5	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	94	1361048	500.0	499.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.290	2.281	0.009	99	773316	500.0	455.4	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.335	2.338	-0.003	98	1850029	500.0	525.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	95	1129499	500.0	488.8	
19 Acrolein	56	2.404	2.406	-0.002	96	149233	400.0	391.1	
21 1,1-Dichloroethene	96	2.427	2.429	-0.003	95	1083748	500.0	512.5	
22 Acetone	43	2.518	2.521	-0.003	85	2079865	2500.0	2422.5	
23 Iodomethane	142	2.575	2.566	0.009	99	1277167	500.0	499.3	
24 Carbon disulfide	76	2.598	2.601	-0.003	100	4197114	500.0	491.7	
25 Isopropyl alcohol	45	2.609	2.601	0.008	99	645368	5000.0	5225.1	
26 3-Chloro-1-propene	76	2.723	2.726	-0.003	89	708650	500.0	472.3	
27 Cyclopentene	67	2.746	2.738	0.008	96	3248870	500.0	488.0	
28 Methyl acetate	43	2.746	2.738	0.008	84	2234476	1000.0	966.1	
29 Acetonitrile	41	2.792	2.795	-0.003	98	1866798	5000.0	4960.7	
* 30 TBA-d9 (IS)	65	2.849	2.852	-0.003	45	238299	1000.0	1000.0	
31 Methylene Chloride	84	2.849	2.852	-0.003	98	1317628	500.0	483.8	
32 2-Methyl-2-propanol	59	2.917	2.909	0.008	98	902216	5000.0	5241.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.997	3.000	-0.003	97	3481658	500.0	509.2	
34 trans-1,2-Dichloroethene	96	3.020	3.023	-0.003	99	1195047	500.0	494.5	
35 Acrylonitrile	53	3.100	3.092	0.008	93	5039672	5000.0	4732.6	
36 Hexane	57	3.169	3.171	-0.002	94	1655942	500.0	473.7	
37 Isopropyl ether	45	3.374	3.377	-0.003	97	5094804	500.0	490.3	
38 1,1-Dichloroethane	63	3.408	3.400	0.008	99	2562895	500.0	485.5	
39 Vinyl acetate	43	3.420	3.423	-0.003	100	6515146	1000.0	1030.7	
40 2-Chloro-1,3-butadiene	88	3.443	3.445	-0.002	94	1104015	500.0	515.1	
41 Tert-butyl ethyl ether	59	3.682	3.685	-0.003	88	4129688	500.0	532.4	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	41	358488	250.0	250.0	
42 2,2-Dichloropropane	79	3.876	3.879	-0.003	95	588330	500.0	481.0	
44 cis-1,2-Dichloroethene	96	3.911	3.902	0.009	92	1338842	500.0	519.0	
46 2-Butanone (MEK)	72	3.934	3.925	0.009	95	672759	2500.0	2579.8	
45 Ethyl acetate	70	3.934	3.936	-0.002	95	271200	1000.0	1084.1	
47 Methyl acrylate	55	3.979	3.982	-0.003	99	1170625	500.0	504.9	
48 Propionitrile	54	4.059	4.051	0.008	98	1797812	5000.0	4942.6	
50 Chlorobromomethane	128	4.128	4.119	0.009	96	608539	500.0	488.8	
49 Tetrahydrofuran	72	4.128	4.130	-0.002	77	284016	1000.0	1033.7	
51 Methacrylonitrile	67	4.162	4.153	0.009	95	5442173	5000.0	5253.3	
52 Chloroform	83	4.185	4.176	0.009	97	2348009	500.0	516.6	
53 Cyclohexane	84	4.287	4.290	-0.003	98	1694502	500.0	504.7	
54 1,1,1-Trichloroethane	97	4.310	4.313	-0.003	97	1846243	500.0	519.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.333	4.325	0.008	96	119811	50.0	49.9	
56 Carbon tetrachloride	117	4.424	4.427	-0.003	98	1581634	500.0	513.4	
57 1,1-Dichloropropene	75	4.459	4.462	-0.003	93	1823941	500.0	515.4	
58 Isobutyl alcohol	43	4.607	4.610	-0.003	94	1947030	12500	13580	
59 Isooctane	57	4.619	4.621	-0.002	97	3220175	500.0	512.3	
60 Benzene	78	4.653	4.656	-0.003	98	5084847	500.0	474.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.676	4.667	0.009	0	157605	50.0	50.2	
63 Tert-amyl methyl ether	55	4.721	4.724	-0.003	70	1105865	500.0	496.3	
62 Isopropyl acetate	43	4.721	4.724	-0.003	93	4711925	500.0	550.5	
64 1,2-Dichloroethane	62	4.744	4.747	-0.003	96	1917408	500.0	495.0	
65 n-Heptane	57	4.801	4.804	-0.003	98	659398	500.0	493.6	
* 66 Fluorobenzene	96	4.938	4.941	-0.003	97	538644	50.0	50.0	
67 n-Butanol	56	5.258	5.272	-0.014	96	639502	12500	17203	
68 Trichloroethene	95	5.281	5.284	-0.003	96	1313512	500.0	518.6	
69 Methylcyclohexane	83	5.406	5.398	0.008	94	1815809	500.0	524.7	
70 Ethyl acrylate	55	5.418	5.409	0.009	98	3471379	500.0	536.0	
71 1,2-Dichloropropane	63	5.578	5.569	0.009	89	1567264	500.0	510.4	
* 72 1,4-Dioxane-d8	96	5.646	5.637	0.009	0	27570	1000.0	1000.0	M
73 Methyl methacrylate	100	5.657	5.660	-0.003	95	587324	1000.0	1150.3	
75 1,4-Dioxane	88	5.692	5.695	-0.003	85	189121	10000	10013	
74 Dibromomethane	93	5.703	5.695	0.008	93	883703	500.0	514.3	
76 n-Propyl acetate	43	5.715	5.717	-0.002	98	2302705	500.0	542.6	
77 Dichlorobromomethane	83	5.852	5.854	-0.002	98	1873903	500.0	524.1	
78 2-Nitropropane	41	6.194	6.185	0.009	99	863336	1000.0	1053.7	
79 2-Chloroethyl vinyl ether	63	6.194	6.197	-0.003	94	975675	501.2	582.4	
80 Epichlorohydrin	57	6.297	6.300	-0.003	99	2443846	10000	10895	
81 cis-1,3-Dichloropropene	75	6.354	6.345	0.009	99	2415305	500.0	503.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.525	6.517	0.008	98	7309694	2500.0	2673.3	
\$ 83 Toluene-d8 (Surr)	98	6.594	6.585	0.009	98	460023	50.0	48.8	
84 Toluene	91	6.674	6.665	0.009	93	5198714	500.0	481.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.027	7.019	0.008	97	2229310	500.0	529.2	
86 Ethyl methacrylate	69	7.062	7.053	0.009	95	1692763	500.0	585.1	
87 1,1,2-Trichloroethane	83	7.244	7.236	0.008	96	1129572	500.0	508.1	
88 Tetrachloroethene	166	7.279	7.270	0.009	96	1205887	500.0	496.1	
89 1,3-Dichloropropane	76	7.450	7.441	0.009	98	2109036	500.0	490.7	
90 2-Hexanone	58	7.518	7.521	-0.003	99	2553947	2500.0	2893.8	
91 n-Butyl acetate	43	7.633	7.635	-0.002	97	2436378	500.0	516.4	
92 Chlorodibromomethane	129	7.678	7.670	0.008	97	1407994	500.0	534.2	
93 Ethylene Dibromide	107	7.827	7.829	-0.002	98	1246358	500.0	504.3	
* 94 Chlorobenzene-d5	117	8.375	8.377	-0.002	88	432094	50.0	50.0	
95 Chlorobenzene	112	8.409	8.412	-0.003	91	3442855	500.0	492.7	
96 Ethylbenzene	106	8.523	8.514	0.009	99	1918882	500.0	537.0	
97 1,1,1,2-Tetrachloroethane	131	8.535	8.537	-0.003	95	1298397	500.0	526.8	
98 m-Xylene & p-Xylene	106	8.683	8.674	0.009	0	2262234	500.0	527.3	
99 o-Xylene	106	9.197	9.199	-0.002	93	2327942	500.0	534.5	
100 n-Butyl acrylate	73	9.197	9.199	-0.002	86	1124897	500.0	590.3	
101 Styrene	104	9.242	9.234	0.008	94	3859471	500.0	542.1	
102 Amyl acetate (mixed isomers)	43	9.459	9.462	-0.003	88	2938863	500.0	522.6	
103 Bromoform	173	9.471	9.462	0.009	64	947256	500.0	555.4	
104 Isopropylbenzene	105	9.596	9.599	-0.003	98	5343277	500.0	516.3	
\$ 105 4-Bromofluorobenzene	174	9.802	9.793	0.009	91	144106	50.0	48.9	
106 Bromobenzene	156	9.916	9.919	-0.003	95	1468646	500.0	490.8	
107 1,1,2,2-Tetrachloroethane	83	9.973	9.976	-0.003	98	1754706	500.0	496.2	
108 N-Propylbenzene	91	9.996	9.987	0.009	99	6631553	500.0	486.0	
109 1,2,3-Trichloropropane	110	10.019	10.010	0.009	97	402653	500.0	505.0	
110 trans-1,4-Dichloro-2-butene	53	10.030	10.033	-0.003	88	568547	500.0	498.7	
111 2-Chlorotoluene	91	10.087	10.090	-0.003	98	4972428	500.0	514.5	
112 4-Ethyltoluene	105	10.099	10.101	-0.002	96	5668553	500.0	510.4	
113 1,3,5-Trimethylbenzene	105	10.156	10.159	-0.002	92	4606650	500.0	499.2	
114 4-Chlorotoluene	91	10.190	10.181	0.009	98	4856631	500.0	535.4	
115 Butyl Methacrylate	87	10.247	10.250	-0.003	97	1914411	500.0	499.9	
116 tert-Butylbenzene	119	10.407	10.410	-0.003	91	3725653	500.0	509.3	
117 1,2,4-Trimethylbenzene	105	10.464	10.455	0.009	99	4926142	500.0	512.2	
118 sec-Butylbenzene	105	10.578	10.570	0.008	97	5346723	500.0	493.1	
120 1,3-Dichlorobenzene	146	10.681	10.684	-0.003	91	2793444	500.0	509.8	
119 4-Isopropyltoluene	119	10.692	10.684	0.008	96	4804893	500.0	518.0	
* 121 1,4-Dichlorobenzene-d4	152	10.738	10.741	-0.003	97	243163	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.761	10.752	0.009	93	2876128	500.0	503.0	
123 1,2,3-Trimethylbenzene	105	10.772	10.764	0.008	98	5271697	500.0	506.9	
124 Benzyl chloride	91	10.864	10.855	0.009	98	3119963	500.0	532.8	
125 2,3-Dihydroindene	117	10.909	10.901	0.008	94	4825188	500.0	484.7	
126 p-Diethylbenzene	119	10.955	10.946	0.009	93	2569745	500.0	540.0	
127 n-Butylbenzene	92	10.966	10.969	-0.003	97	2433771	500.0	499.0	
128 1,2-Dichlorobenzene	146	11.012	11.015	-0.003	93	2777684	500.0	513.7	
129 1,2,4,5-Tetramethylbenzene	119	11.457	11.449	0.008	98	4701819	500.0	506.6	
130 1,2-Dibromo-3-Chloropropane	157	11.526	11.517	0.009	96	333589	500.0	522.1	
131 1,3,5-Trichlorobenzene	180	11.606	11.597	0.009	96	1896168	500.0	476.0	
132 1,2,4-Trichlorobenzene	180	11.994	11.985	0.009	94	1753333	500.0	502.4	
133 Hexachlorobutadiene	225	12.062	12.054	0.008	96	542147	500.0	454.1	
134 Naphthalene	128	12.154	12.145	0.009	98	4484193	500.0	492.4	
135 1,2,3-Trichlorobenzene	180	12.313	12.305	0.008	95	1586478	500.0	481.9	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1013.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	1061.9	
S 138 Total BTEX	1				0		2500.0	2554.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00423	Amount Added: 50.00	Units: uL	
Ethanol mix_00068	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 50.00	Units: uL	
MIX I Hi_00154	Amount Added: 50.00	Units: uL	
ACROLEIN W_00143	Amount Added: 40.00	Units: uL	
8FreonHi_00048	Amount Added: 50.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D

Injection Date: 31-Aug-2022 15:27:30

Instrument ID: CVOAMS8

Lims ID: STD500

Operator ID:

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

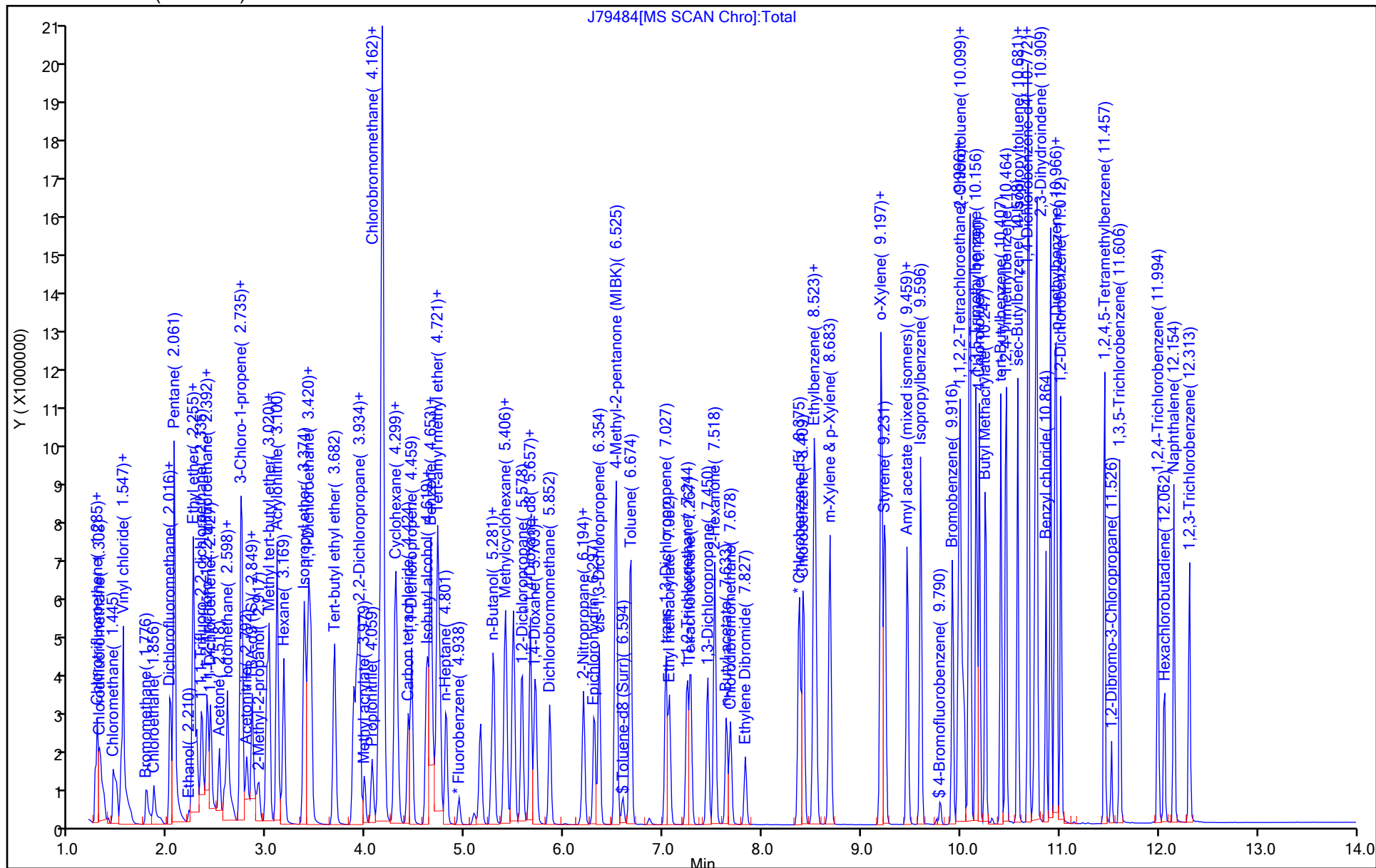
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D

Injection Date: 31-Aug-2022 15:27:30

Instrument ID: CVOAMS8

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

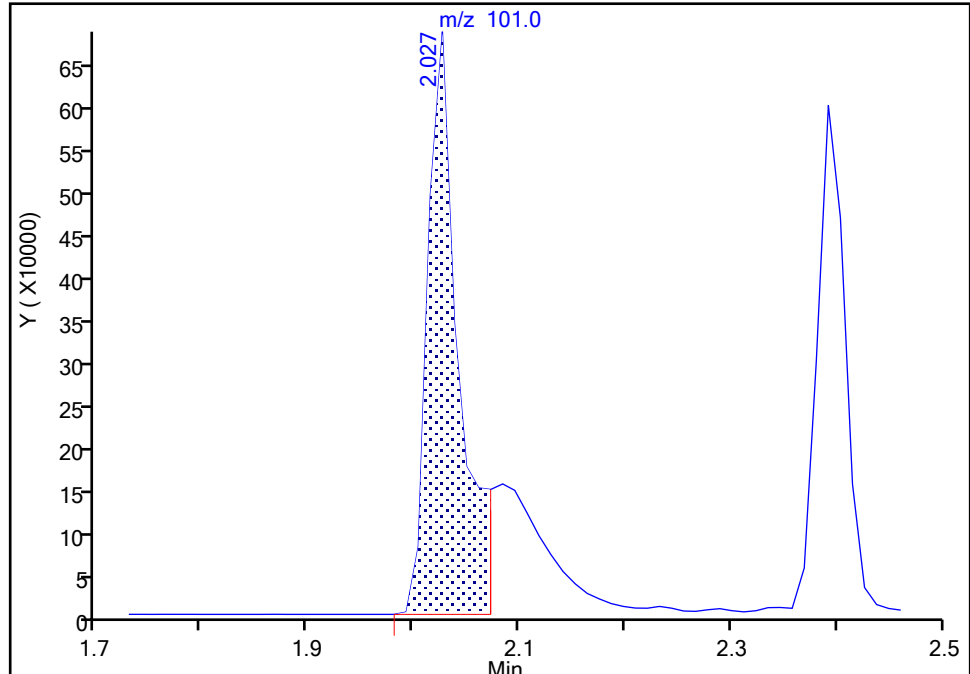
MS SCAN

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

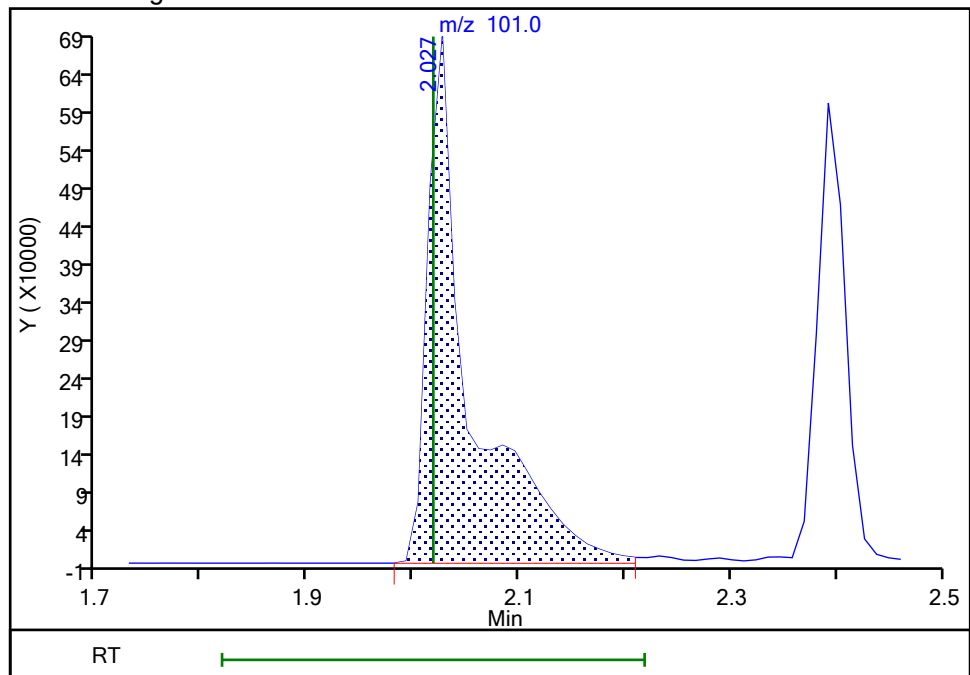
RT: 2.03
Area: 1419042
Amount: 390.2251
Amount Units: ug/l

Processing Integration Results



RT: 2.03
Area: 1927579
Amount: 506.4603
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 18:06:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D

Injection Date: 31-Aug-2022 15:27:30

Instrument ID: CVOAMS8

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

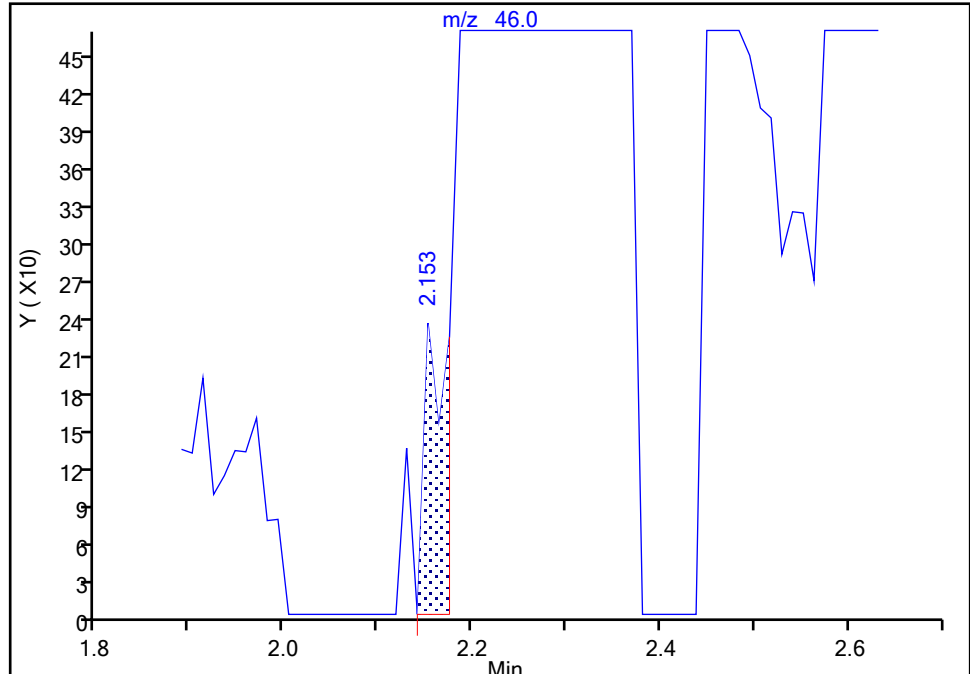
Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

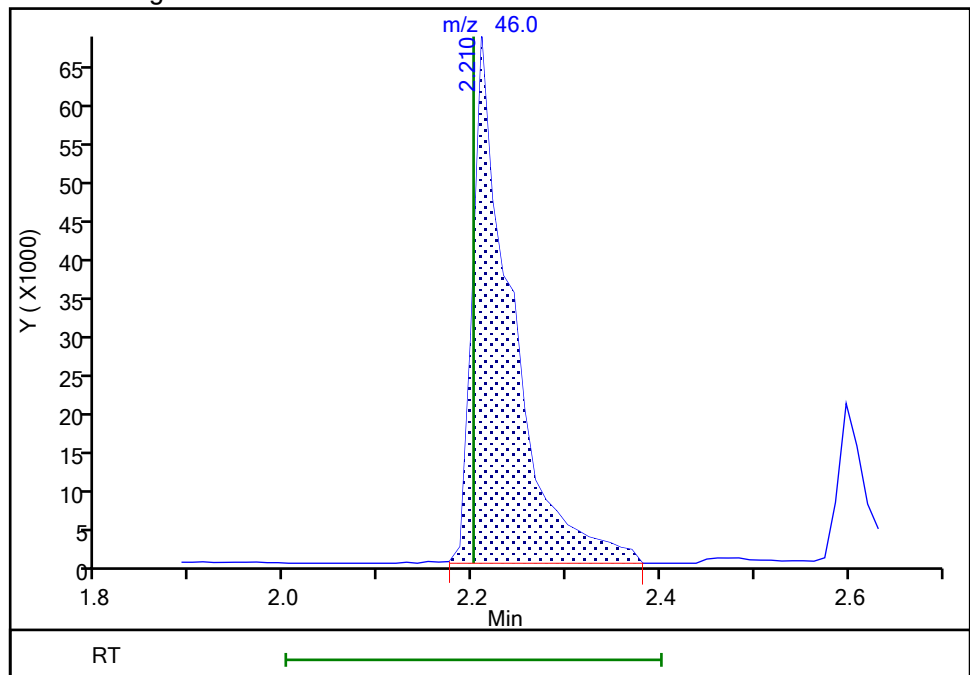
RT: 2.15
Area: 414
Amount: 49.368531
Amount Units: ug/l

Processing Integration Results



RT: 2.21
Area: 197813
Amount: 19720
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 18:06:12

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D

Injection Date: 31-Aug-2022 15:27:30

Instrument ID: CVOAMS8

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

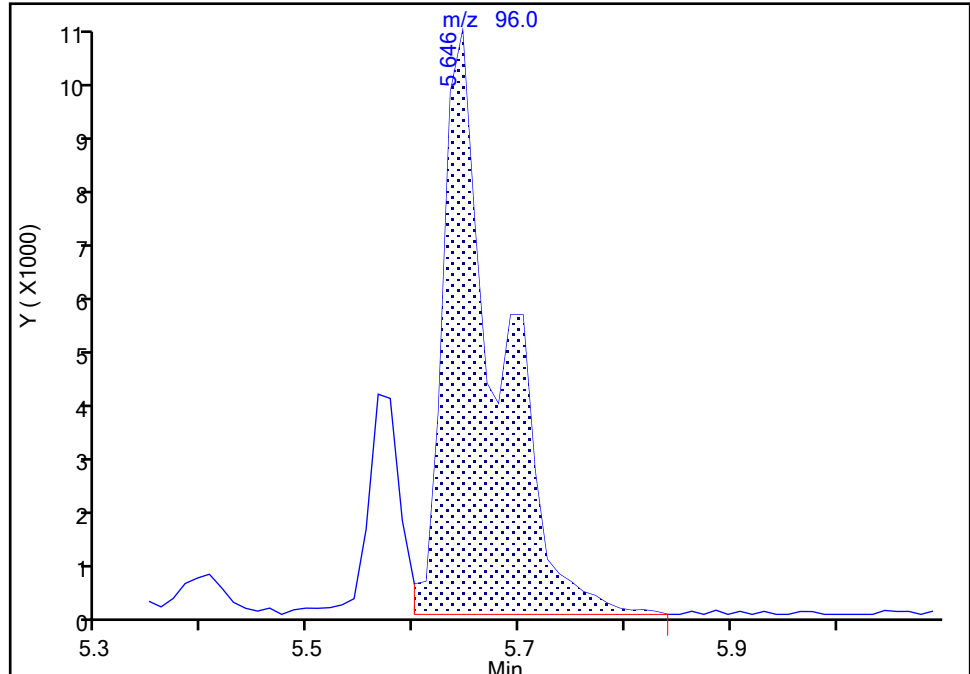
MS SCAN

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

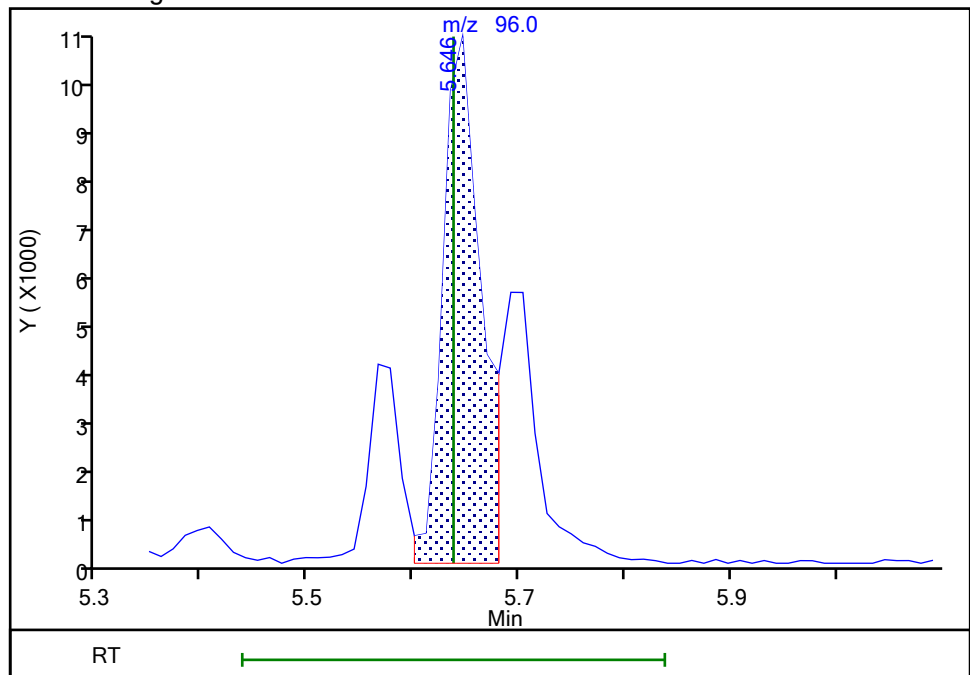
RT: 5.65
Area: 39361
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.65
Area: 27570
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 19:59:39

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Calibration

/ Chlorotrifluoroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

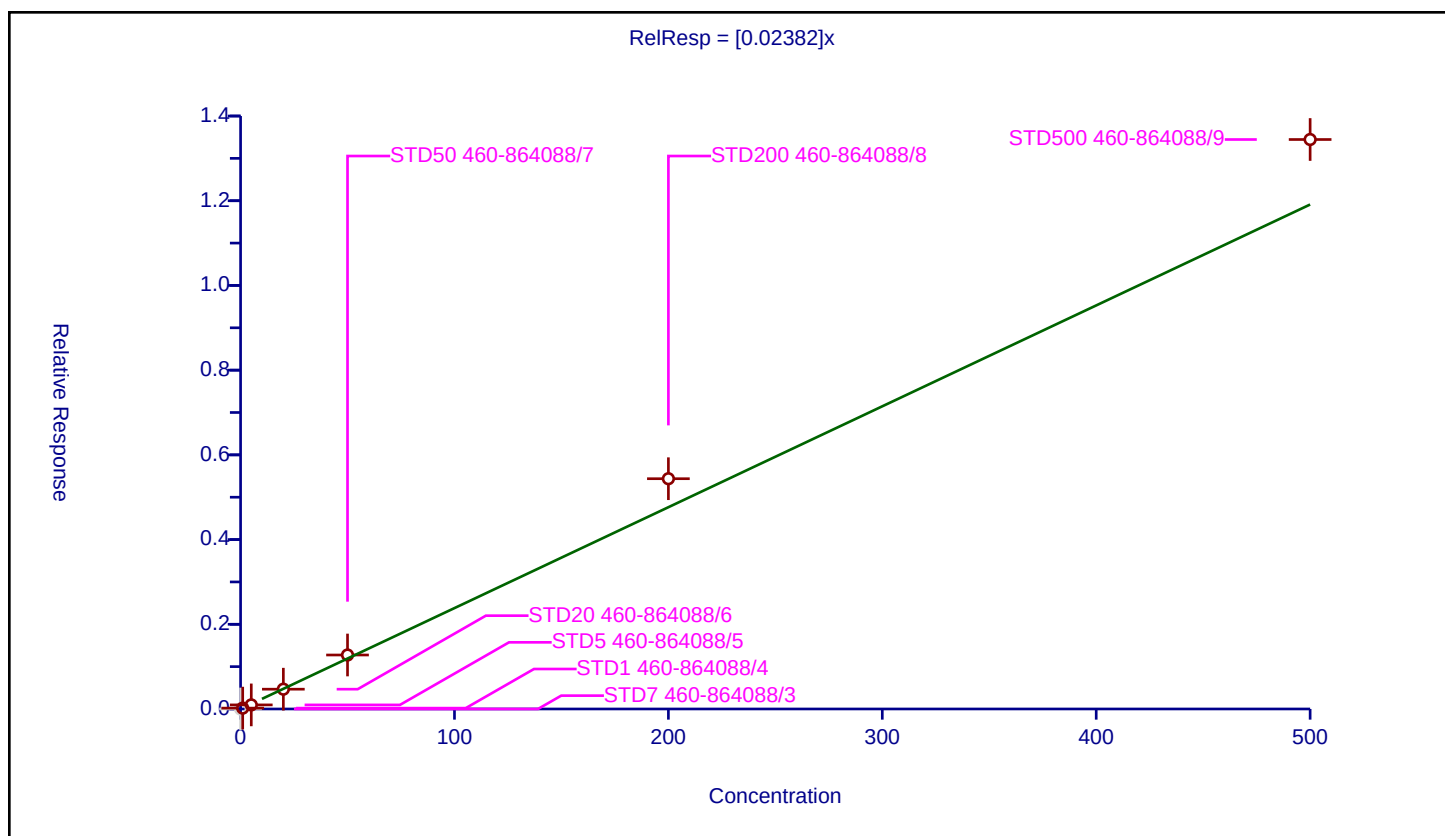
Curve Coefficients

Intercept: 0
 Slope: 0.02382

Error Coefficients

Standard Error: 69500
 Relative Standard Error: 13.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.02059	50.0	468667.0	0.02059	Y
3	STD5 460-864088/5	5.0	0.096942	50.0	467806.0	0.019388	Y
4	STD20 460-864088/6	20.0	0.467524	50.0	474521.0	0.023376	Y
5	STD50 460-864088/7	50.0	1.274684	50.0	481845.0	0.025494	Y
6	STD200 460-864088/8	200.0	5.436631	50.0	503446.0	0.027183	Y
7	STD500 460-864088/9	500.0	13.445151	50.0	538644.0	0.02689	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

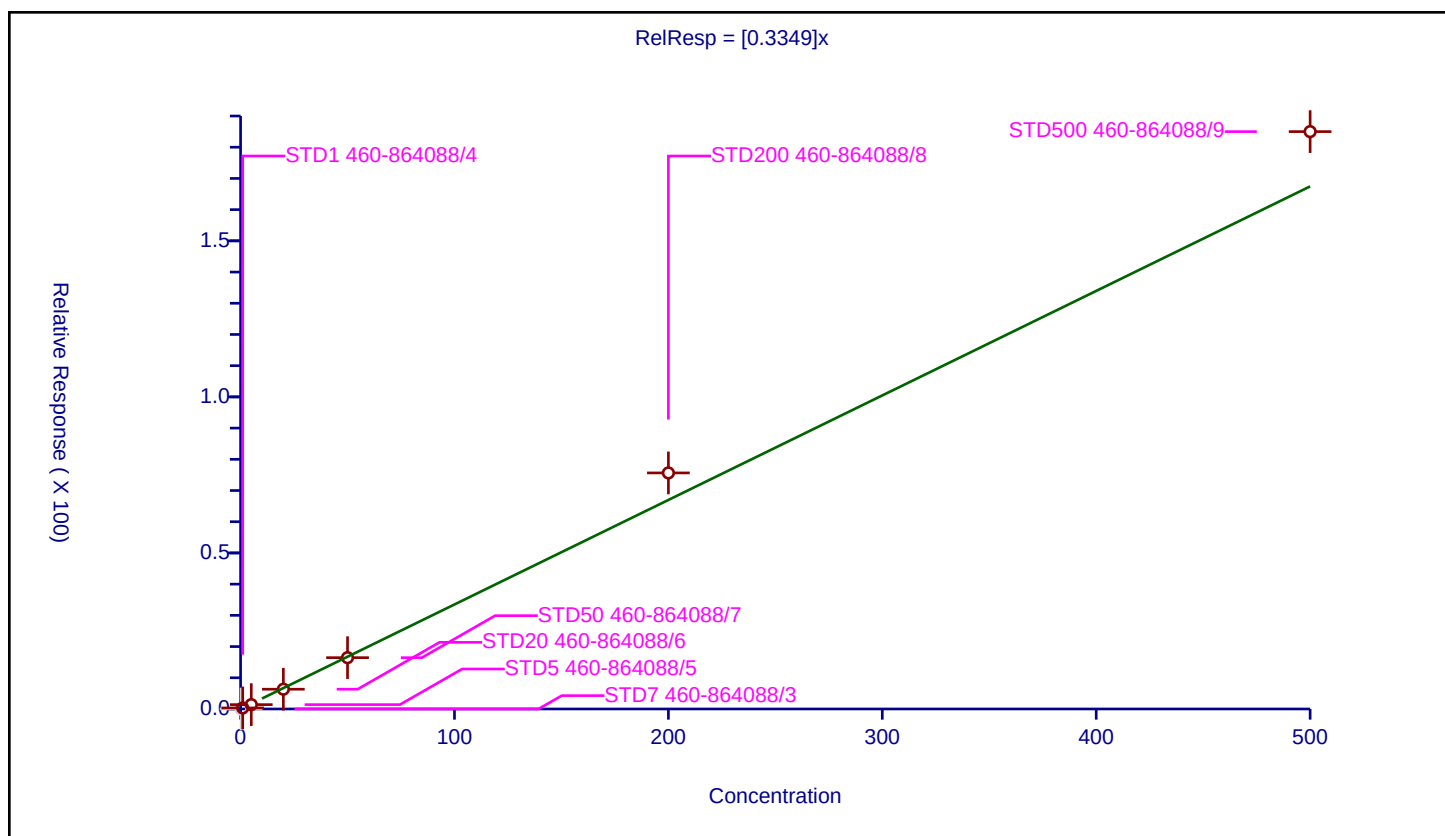
Curve Coefficients

Intercept: 0
Slope: 0.3349

Error Coefficients

Standard Error: 957000
Relative Standard Error: 10.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.337126	50.0	468667.0	0.337126	Y
3	STD5 460-864088/5	5.0	1.392778	50.0	467806.0	0.278556	Y
4	STD20 460-864088/6	20.0	6.331753	50.0	474521.0	0.316588	Y
5	STD50 460-864088/7	50.0	16.441594	50.0	481845.0	0.328832	Y
6	STD200 460-864088/8	200.0	75.64416	50.0	503446.0	0.378221	Y
7	STD500 460-864088/9	500.0	185.001875	50.0	538644.0	0.370004	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

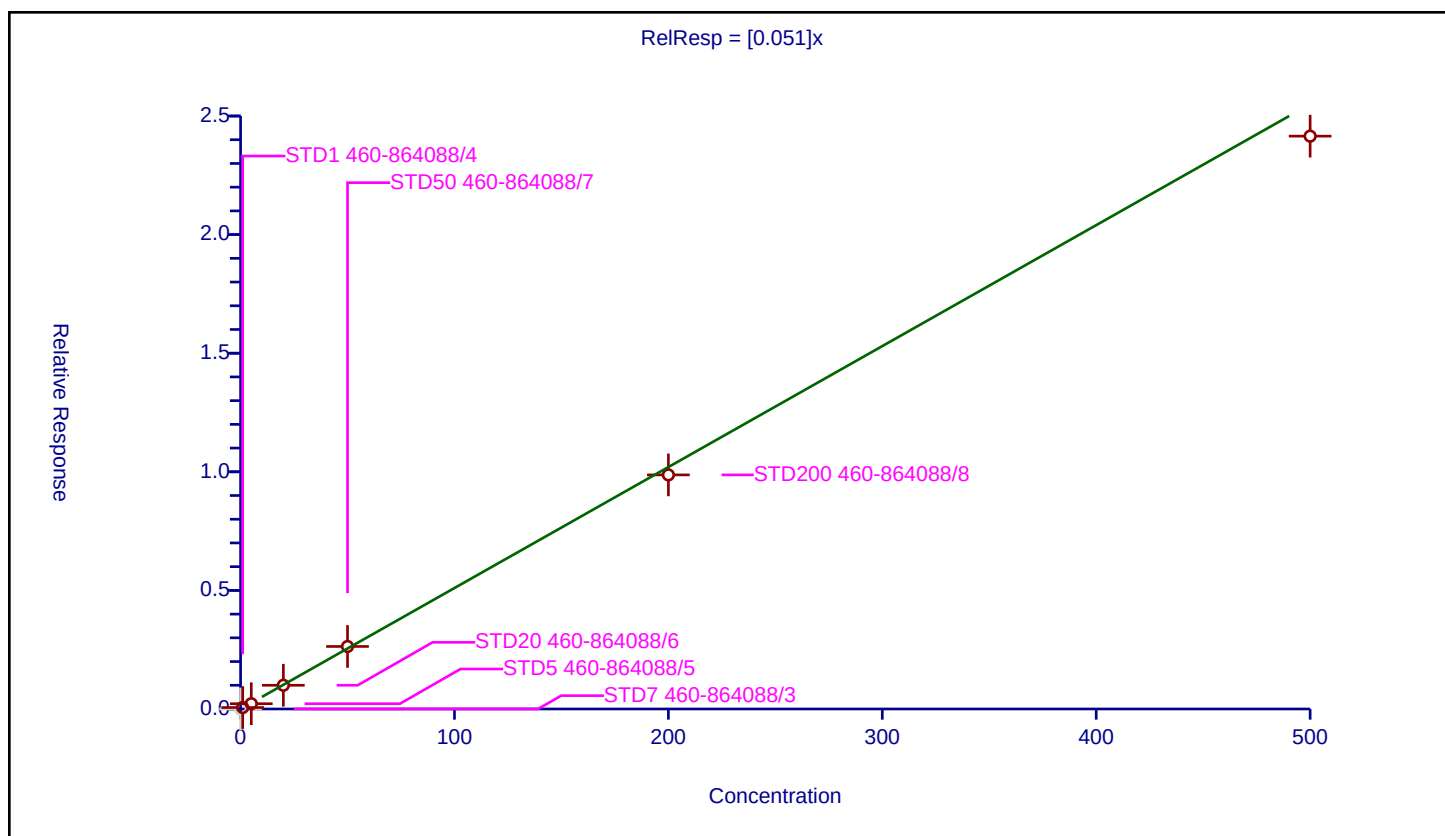
Curve Coefficients

Intercept: 0
 Slope: 0.051

Error Coefficients

Standard Error: 125000
 Relative Standard Error: 11.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.061131	50.0	468667.0	0.061131	Y
3	STD5 460-864088/5	5.0	0.222421	50.0	467806.0	0.044484	Y
4	STD20 460-864088/6	20.0	1.000166	50.0	474521.0	0.050008	Y
5	STD50 460-864088/7	50.0	2.635495	50.0	481845.0	0.05271	Y
6	STD200 460-864088/8	200.0	9.86938	50.0	503446.0	0.049347	Y
7	STD500 460-864088/9	500.0	24.151295	50.0	538644.0	0.048303	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

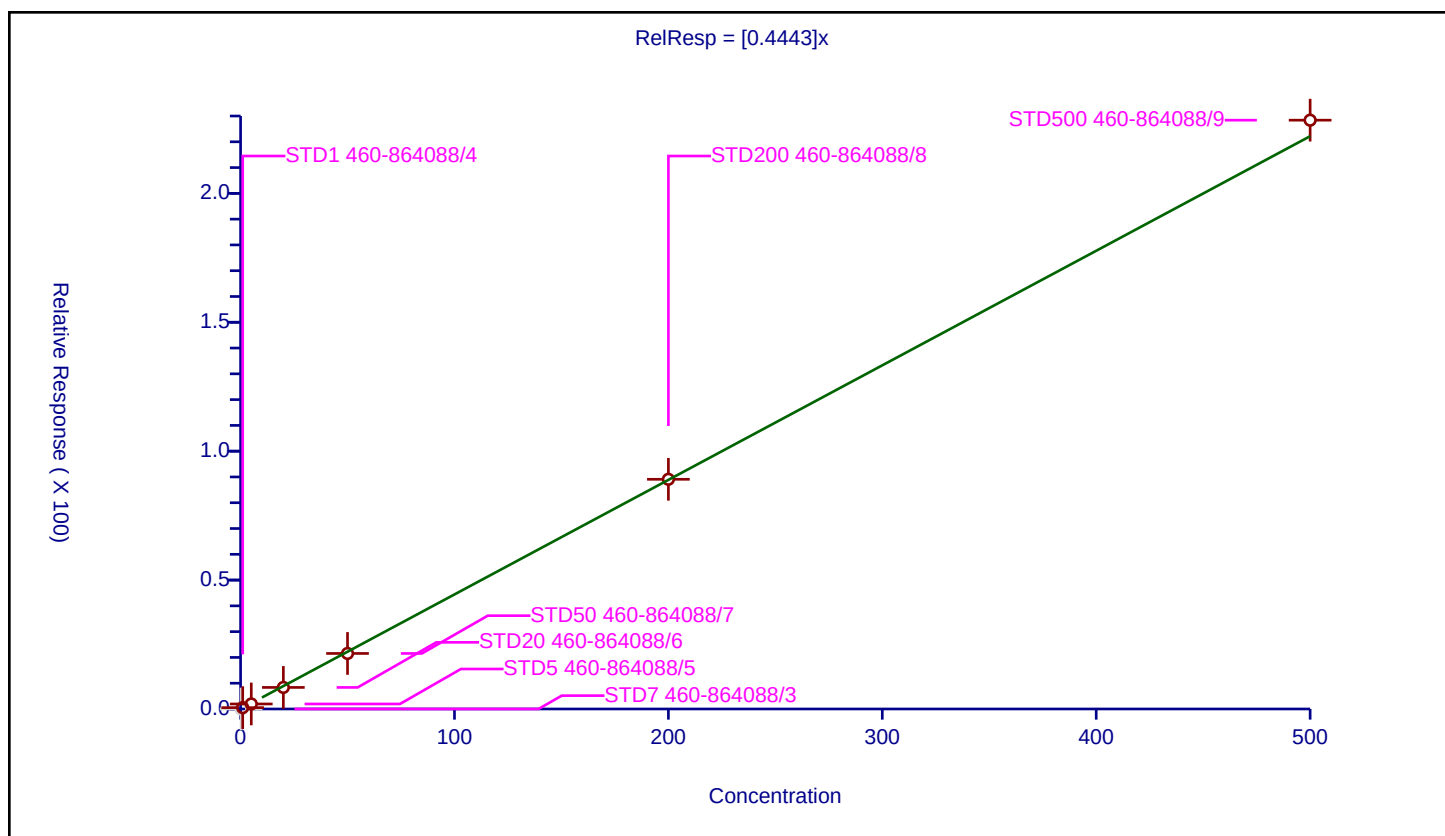
Curve Coefficients

Intercept: 0
 Slope: 0.4443

Error Coefficients

Standard Error: 1180000
 Relative Standard Error: 10.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.524146	50.0	468667.0	0.524146	Y
3	STD5 460-864088/5	5.0	1.954443	50.0	467806.0	0.390889	Y
4	STD20 460-864088/6	20.0	8.359061	50.0	474521.0	0.417953	Y
5	STD50 460-864088/7	50.0	21.537528	50.0	481845.0	0.430751	Y
6	STD200 460-864088/8	200.0	89.087906	50.0	503446.0	0.44544	Y
7	STD500 460-864088/9	500.0	228.383218	50.0	538644.0	0.456766	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

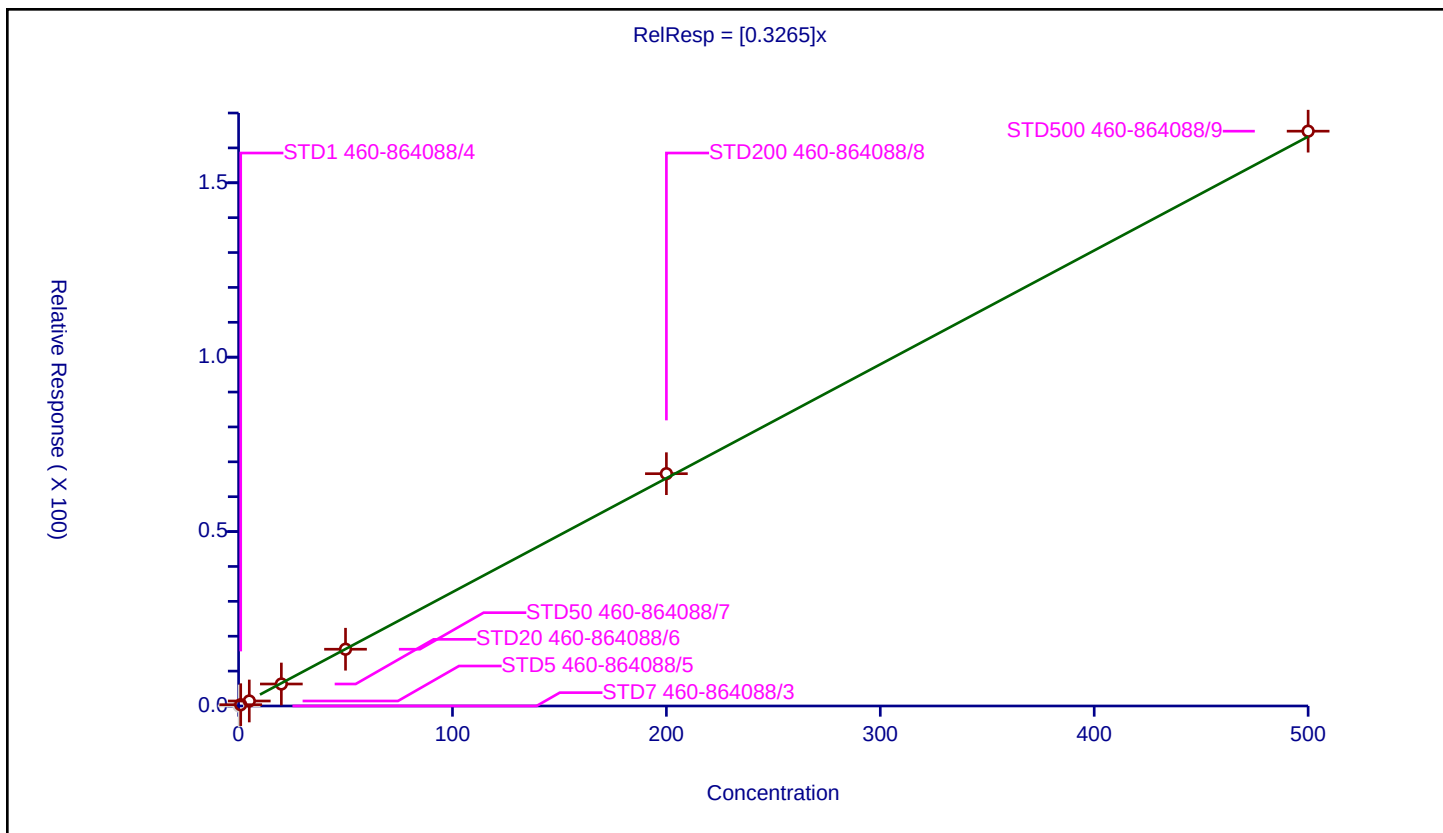
Curve Coefficients

Intercept: 0
 Slope: 0.3265

Error Coefficients

Standard Error: 852000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.369132	50.0	468667.0	0.369132	Y
3	STD5 460-864088/5	5.0	1.432859	50.0	467806.0	0.286572	Y
4	STD20 460-864088/6	20.0	6.302039	50.0	474521.0	0.315102	Y
5	STD50 460-864088/7	50.0	16.272453	50.0	481845.0	0.325449	Y
6	STD200 460-864088/8	200.0	66.599695	50.0	503446.0	0.332998	Y
7	STD500 460-864088/9	500.0	164.794558	50.0	538644.0	0.329589	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

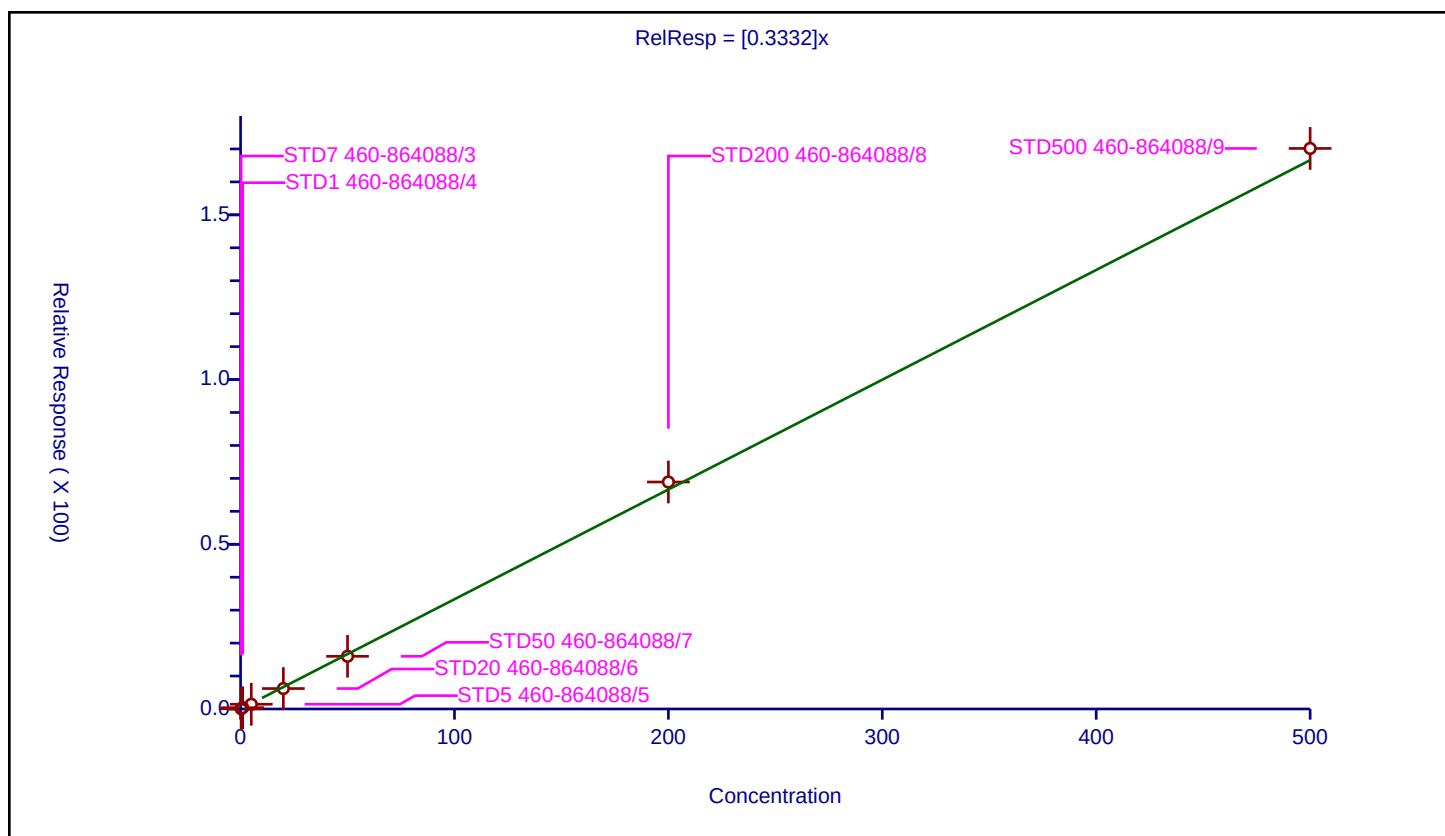
Curve Coefficients

Intercept: 0
Slope: 0.3332

Error Coefficients

Standard Error: 803000
Relative Standard Error: 9.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.084962	50.0	476093.0	0.33985	Y
2	STD1 460-864088/4	1.0	0.389402	50.0	468667.0	0.389402	Y
3	STD5 460-864088/5	5.0	1.439699	50.0	467806.0	0.28794	Y
4	STD20 460-864088/6	20.0	6.207207	50.0	474521.0	0.31036	Y
5	STD50 460-864088/7	50.0	15.992176	50.0	481845.0	0.319844	Y
6	STD200 460-864088/8	200.0	68.902424	50.0	503446.0	0.344512	Y
7	STD500 460-864088/9	500.0	170.160533	50.0	538644.0	0.340321	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

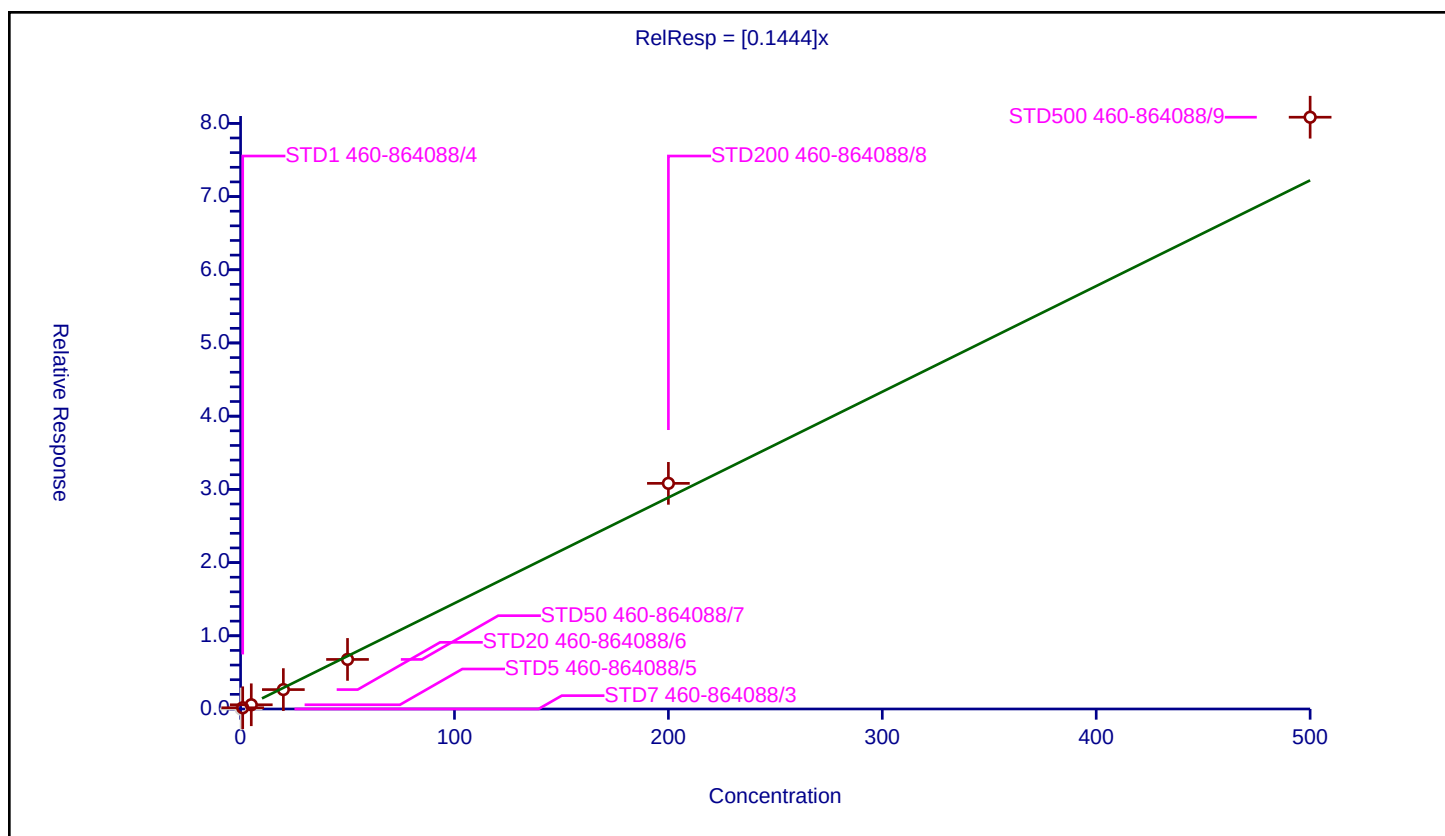
Curve Coefficients

Intercept: 0
 Slope: 0.1444

Error Coefficients

Standard Error: 415000
 Relative Standard Error: 13.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.167496	50.0	468667.0	0.167496	Y
3	STD5 460-864088/5	5.0	0.577483	50.0	467806.0	0.115497	Y
4	STD20 460-864088/6	20.0	2.64846	50.0	474521.0	0.132423	Y
5	STD50 460-864088/7	50.0	6.769708	50.0	481845.0	0.135394	Y
6	STD200 460-864088/8	200.0	30.820882	50.0	503446.0	0.154104	Y
7	STD500 460-864088/9	500.0	80.836879	50.0	538644.0	0.161674	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

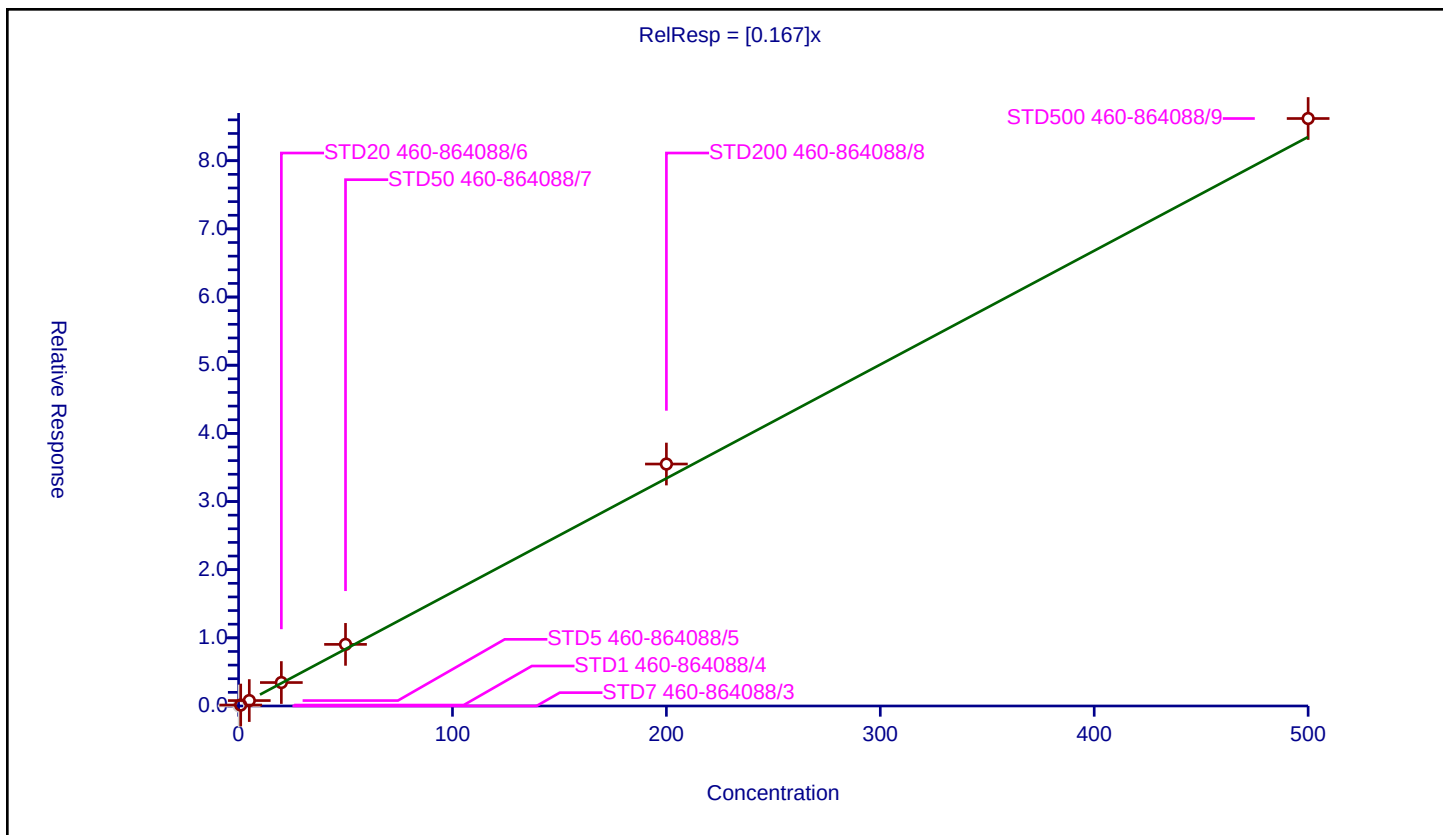
Curve Coefficients

Intercept: 0
 Slope: 0.167

Error Coefficients

Standard Error: 447000
 Relative Standard Error: 9.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.139651	50.0	468667.0	0.139651	Y
3	STD5 460-864088/5	5.0	0.798087	50.0	467806.0	0.159617	Y
4	STD20 460-864088/6	20.0	3.439468	50.0	474521.0	0.171973	Y
5	STD50 460-864088/7	50.0	9.038695	50.0	481845.0	0.180774	Y
6	STD200 460-864088/8	200.0	35.499438	50.0	503446.0	0.177497	Y
7	STD500 460-864088/9	500.0	86.193943	50.0	538644.0	0.172388	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

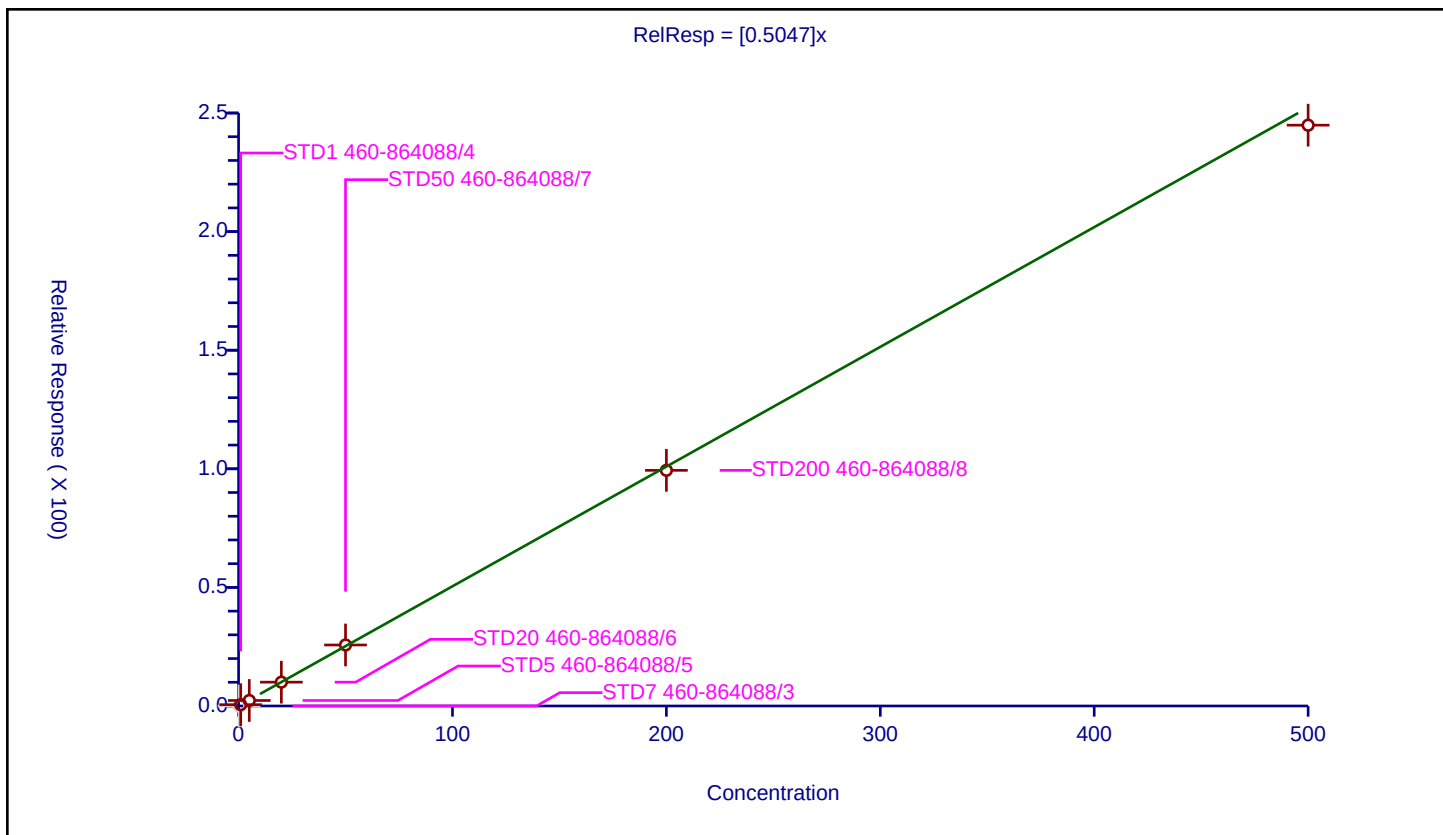
Curve Coefficients

Intercept: 0
 Slope: 0.5047

Error Coefficients

Standard Error: 1270000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.561059	50.0	468667.0	0.561059	Y
3	STD5 460-864088/5	5.0	2.319765	50.0	467806.0	0.463953	Y
4	STD20 460-864088/6	20.0	10.045709	50.0	474521.0	0.502285	Y
5	STD50 460-864088/7	50.0	25.713352	50.0	481845.0	0.514267	Y
6	STD200 460-864088/8	200.0	99.343127	50.0	503446.0	0.496716	Y
7	STD500 460-864088/9	500.0	244.870452	50.0	538644.0	0.489741	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

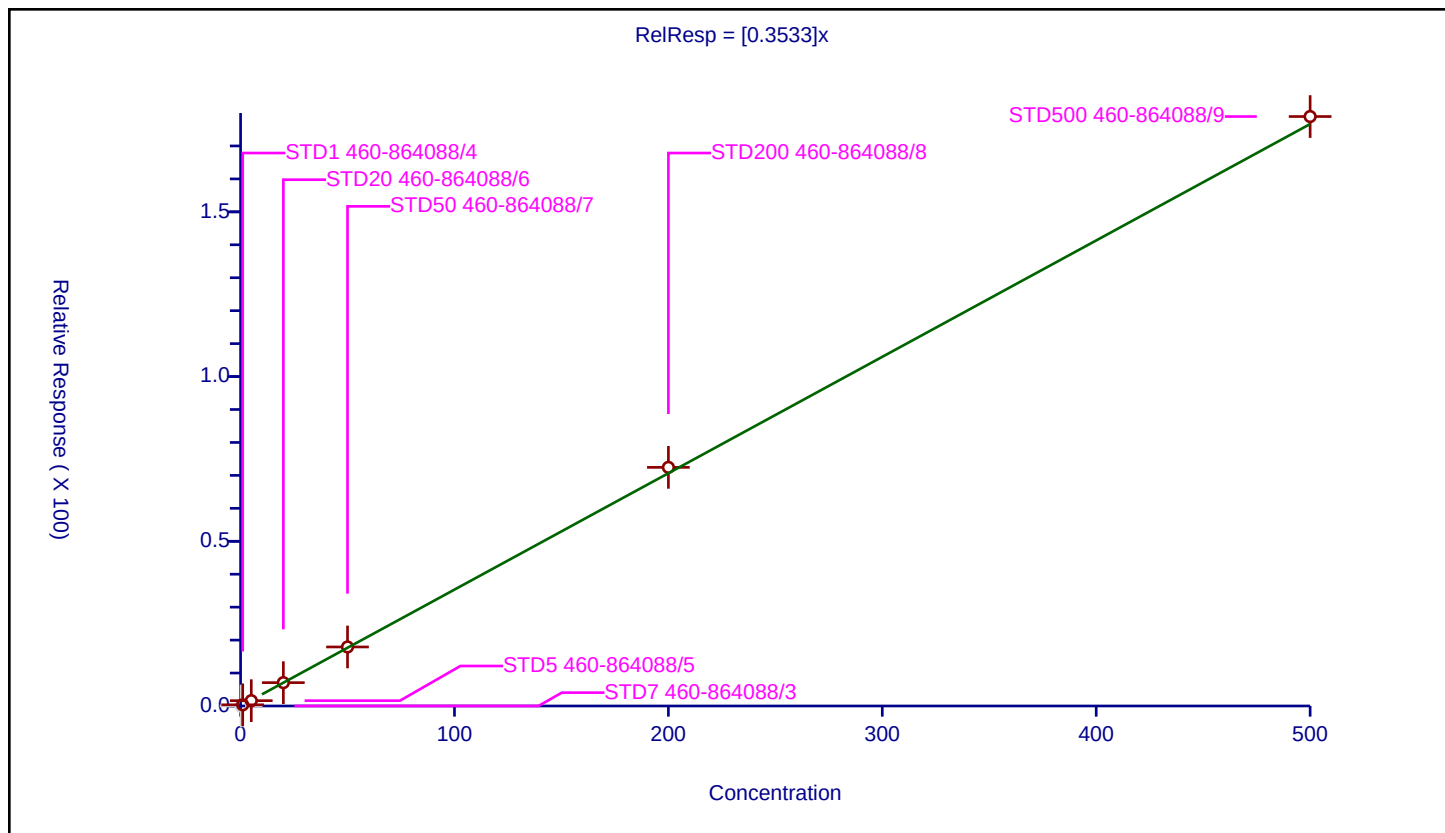
Curve Coefficients

Intercept: 0
 Slope: 0.3533

Error Coefficients

Standard Error: 925000
 Relative Standard Error: 4.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.25	0.0	50.0	476093.0	0.0	N
2	STD1 460-864088/4	1.0	0.363264	50.0	468667.0	0.363264	Y
3	STD5 460-864088/5	5.0	1.618406	50.0	467806.0	0.323681	Y
4	STD20 460-864088/6	20.0	7.088727	50.0	474521.0	0.354436	Y
5	STD50 460-864088/7	50.0	17.916965	50.0	481845.0	0.358339	Y
6	STD200 460-864088/8	200.0	72.435773	50.0	503446.0	0.362179	Y
7	STD500 460-864088/9	500.0	178.928847	50.0	538644.0	0.357858	Y



Calibration

/ Pentane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

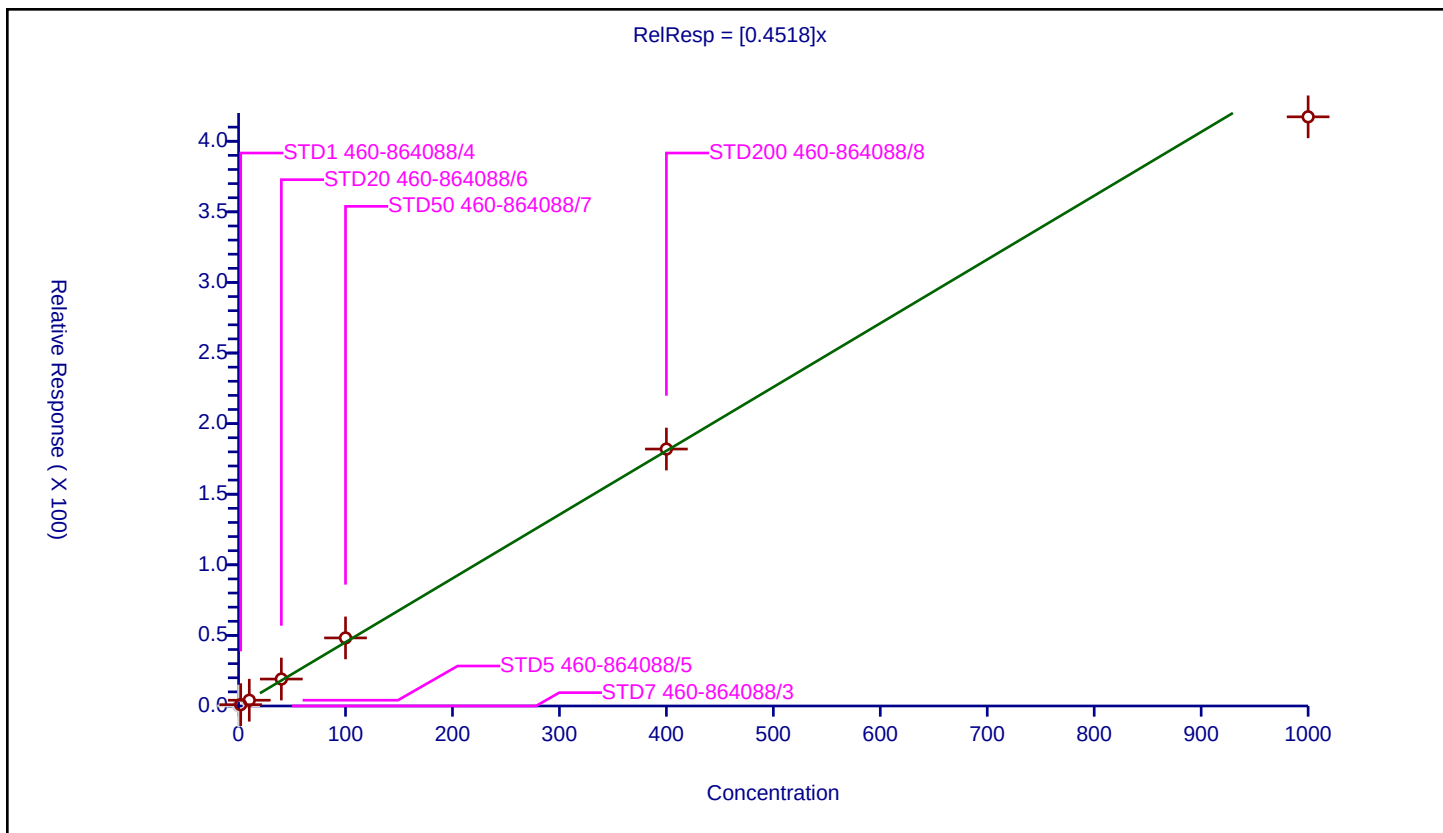
Curve Coefficients

Intercept: 0
 Slope: 0.4518

Error Coefficients

Standard Error: 2180000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	2.0	0.94022	50.0	468667.0	0.47011	Y
3	STD5 460-864088/5	10.0	4.091546	50.0	467806.0	0.409155	Y
4	STD20 460-864088/6	40.0	19.078713	50.0	474521.0	0.476968	Y
5	STD50 460-864088/7	100.0	48.216335	50.0	481845.0	0.482163	Y
6	STD200 460-864088/8	400.0	181.987343	50.0	503446.0	0.454968	Y
7	STD500 460-864088/9	1000.0	417.291198	50.0	538644.0	0.417291	Y



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

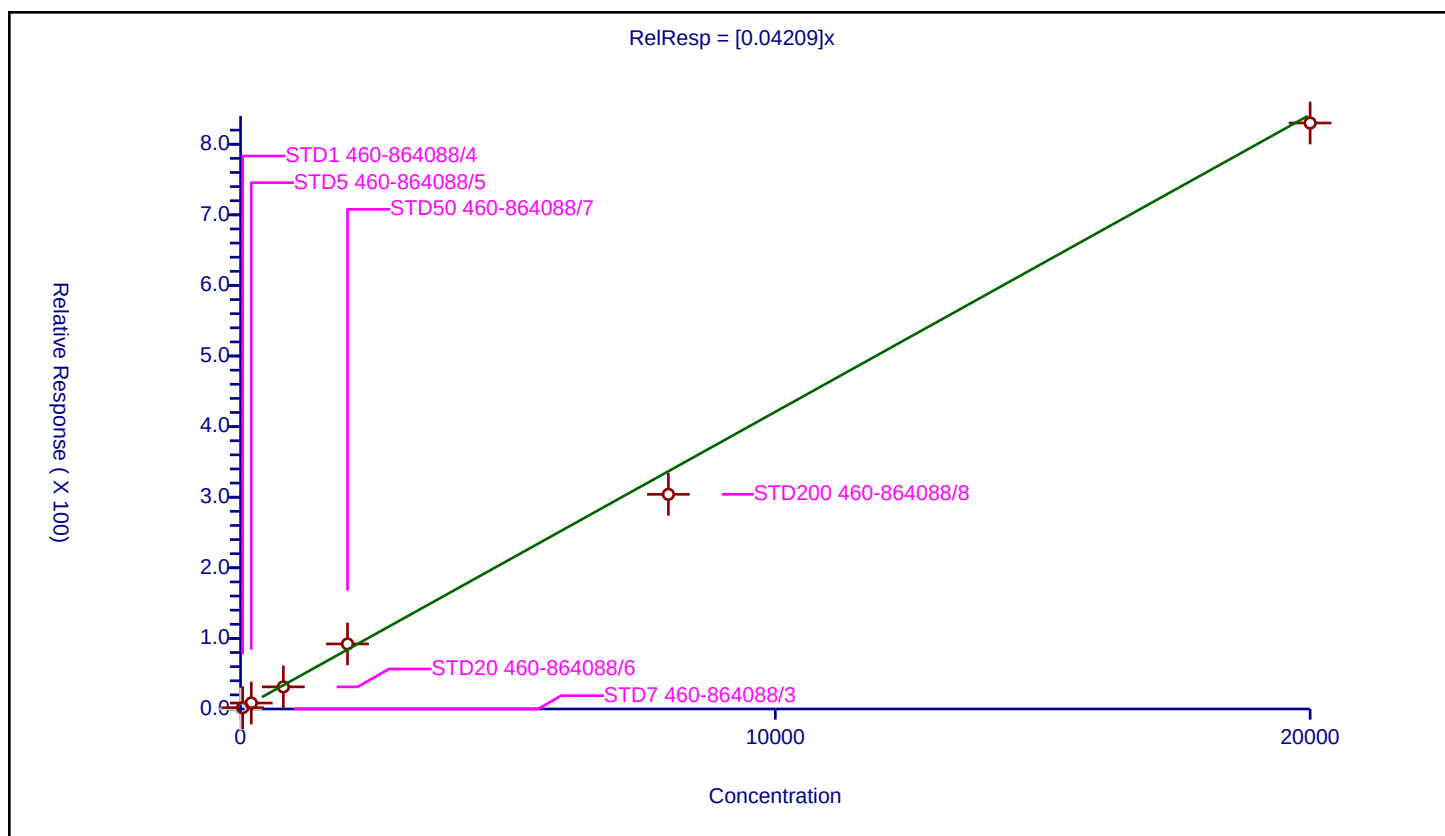
Curve Coefficients

Intercept: 0
 Slope: 0.04209

Error Coefficients

Standard Error: 93500
 Relative Standard Error: 7.8
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	40.0	1.8214	1000.0	193807.0	0.045535	Y
3	STD5 460-864088/5	200.0	8.459841	1000.0	196694.0	0.042299	Y
4	STD20 460-864088/6	800.0	31.315767	1000.0	198143.0	0.039145	Y
5	STD50 460-864088/7	2000.0	92.137857	1000.0	213148.0	0.046069	Y
6	STD200 460-864088/8	8000.0	304.076028	1000.0	221392.0	0.03801	Y
7	STD500 460-864088/9	20000.0	830.104197	1000.0	238299.0	0.041505	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

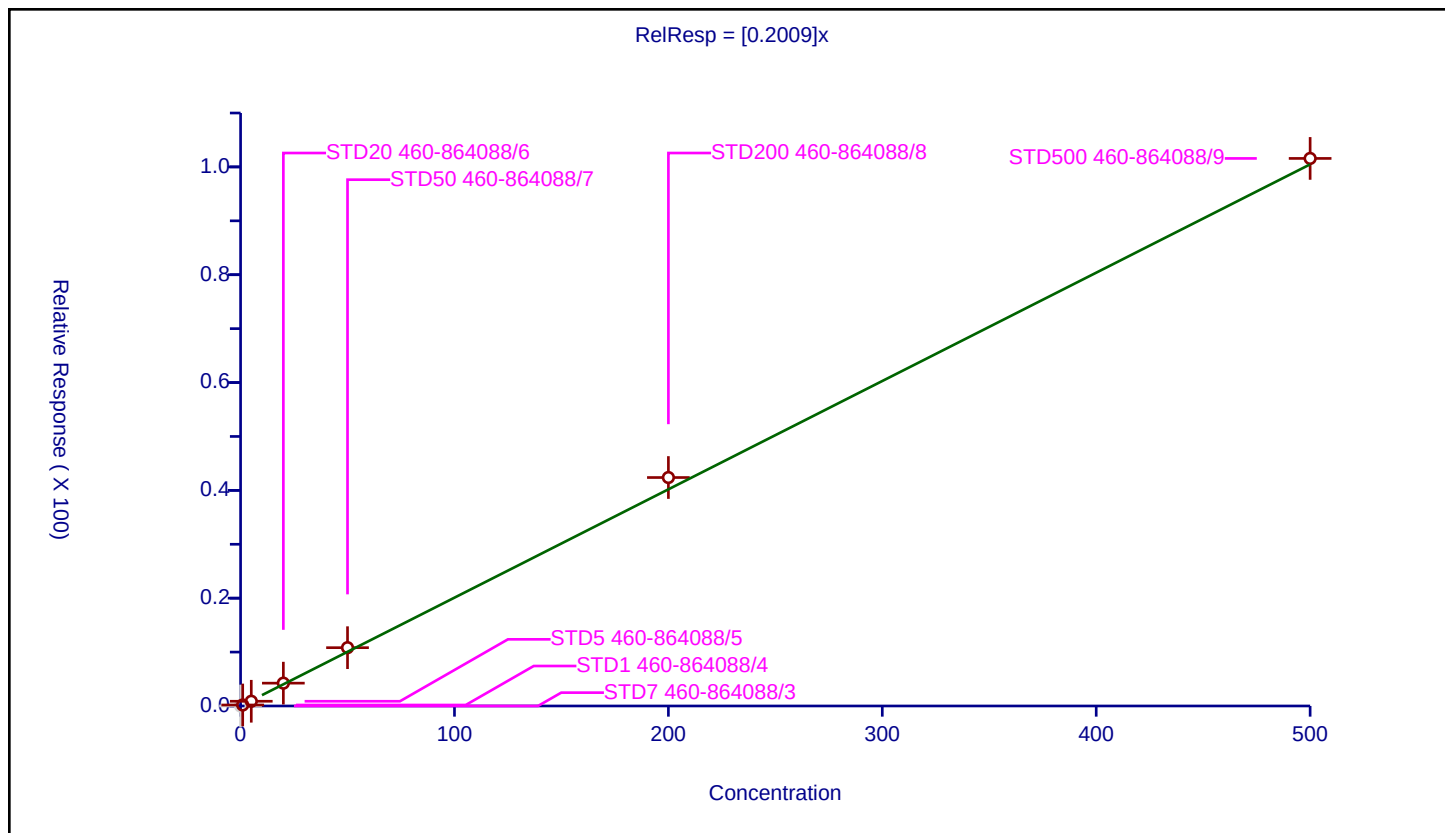
Curve Coefficients

Intercept: 0
 Slope: 0.2009

Error Coefficients

Standard Error: 528000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.18734	50.0	468667.0	0.18734	Y
3	STD5 460-864088/5	5.0	0.875897	50.0	467806.0	0.175179	Y
4	STD20 460-864088/6	20.0	4.23564	50.0	474521.0	0.211782	Y
5	STD50 460-864088/7	50.0	10.816549	50.0	481845.0	0.216331	Y
6	STD200 460-864088/8	200.0	42.381308	50.0	503446.0	0.211907	Y
7	STD500 460-864088/9	500.0	101.575345	50.0	538644.0	0.203151	Y



Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

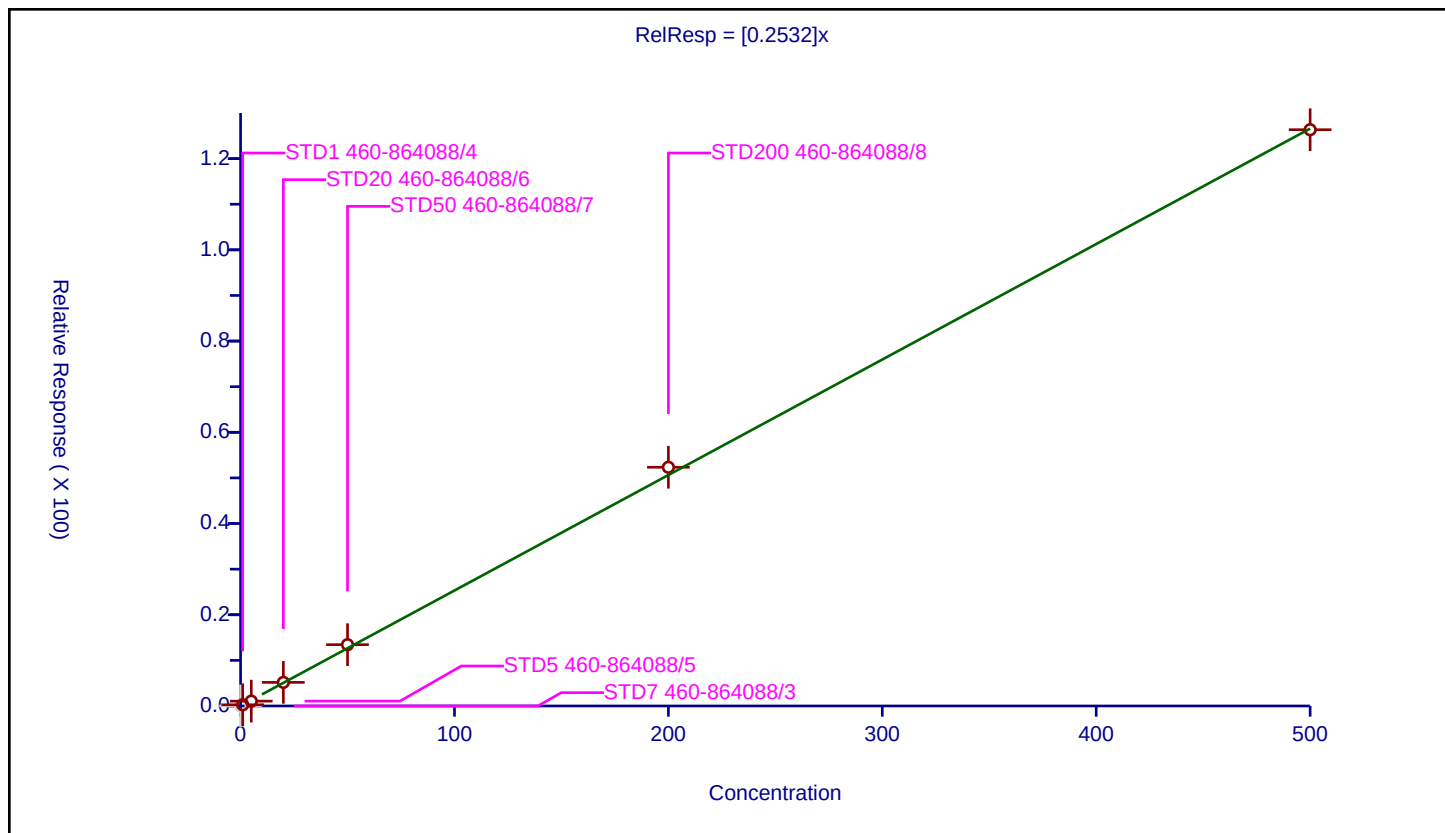
Curve Coefficients

Intercept: 0
 Slope: 0.2532

Error Coefficients

Standard Error: 656000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.264367	50.0	468667.0	0.264367	Y
3	STD5 460-864088/5	5.0	1.063154	50.0	467806.0	0.212631	Y
4	STD20 460-864088/6	20.0	5.174903	50.0	474521.0	0.258745	Y
5	STD50 460-864088/7	50.0	13.446025	50.0	481845.0	0.268921	Y
6	STD200 460-864088/8	200.0	52.337192	50.0	503446.0	0.261686	Y
7	STD500 460-864088/9	500.0	126.340217	50.0	538644.0	0.25268	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

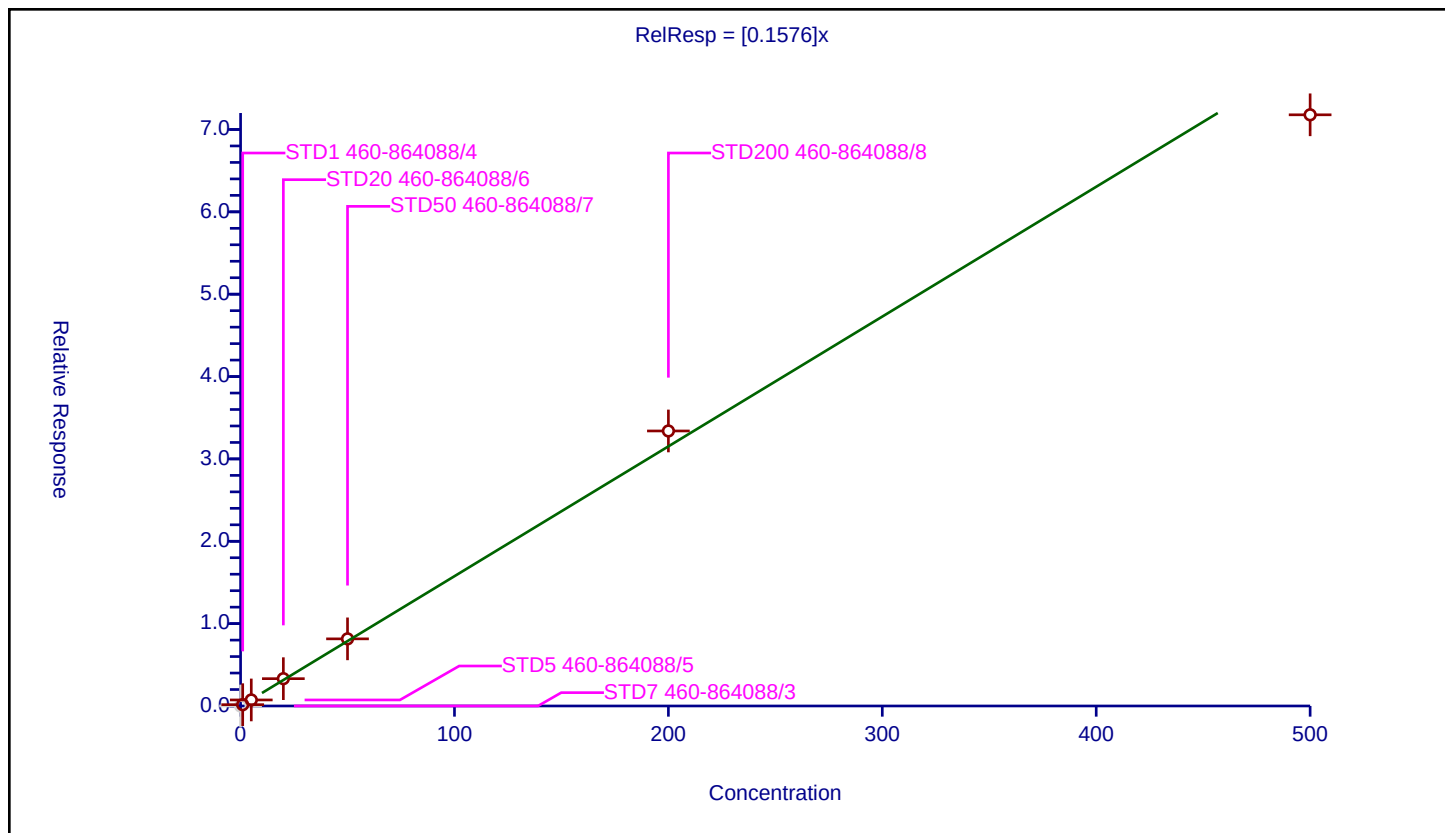
Curve Coefficients

Intercept: 0
 Slope: 0.1576

Error Coefficients

Standard Error: 379000
 Relative Standard Error: 6.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.159708	50.0	468667.0	0.159708	Y
3	STD5 460-864088/5	5.0	0.732676	50.0	467806.0	0.146535	Y
4	STD20 460-864088/6	20.0	3.317345	50.0	474521.0	0.165867	Y
5	STD50 460-864088/7	50.0	8.151065	50.0	481845.0	0.163021	Y
6	STD200 460-864088/8	200.0	33.393254	50.0	503446.0	0.166966	Y
7	STD500 460-864088/9	500.0	71.78359	50.0	538644.0	0.143567	Y



Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

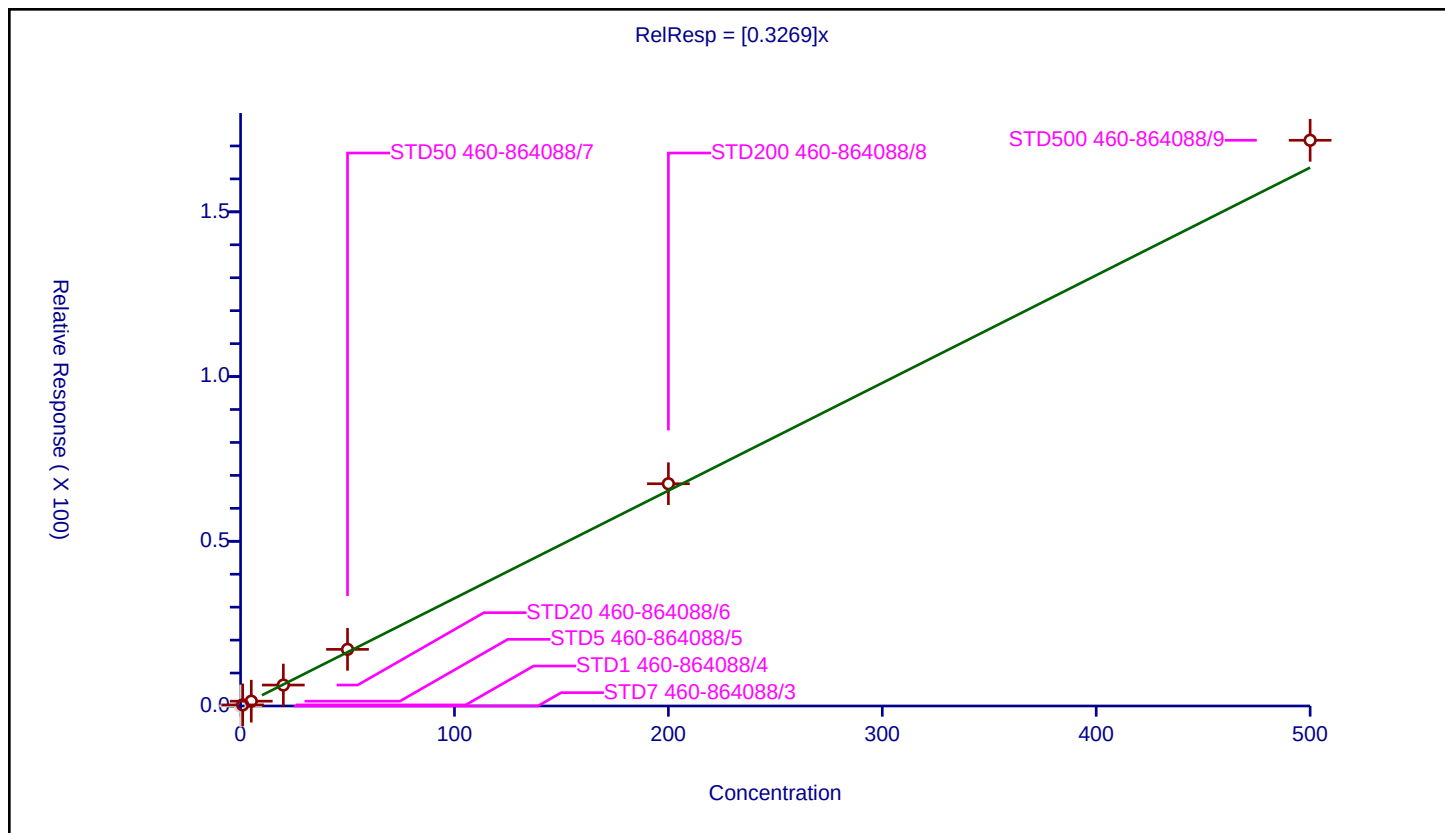
Curve Coefficients

Intercept: 0
 Slope: 0.3269

Error Coefficients

Standard Error: 885000
 Relative Standard Error: 6.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.326564	50.0	468667.0	0.326564	Y
3	STD5 460-864088/5	5.0	1.461396	50.0	467806.0	0.292279	Y
4	STD20 460-864088/6	20.0	6.355988	50.0	474521.0	0.317799	Y
5	STD50 460-864088/7	50.0	17.187996	50.0	481845.0	0.34376	Y
6	STD200 460-864088/8	200.0	67.462151	50.0	503446.0	0.337311	Y
7	STD500 460-864088/9	500.0	171.730215	50.0	538644.0	0.34346	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

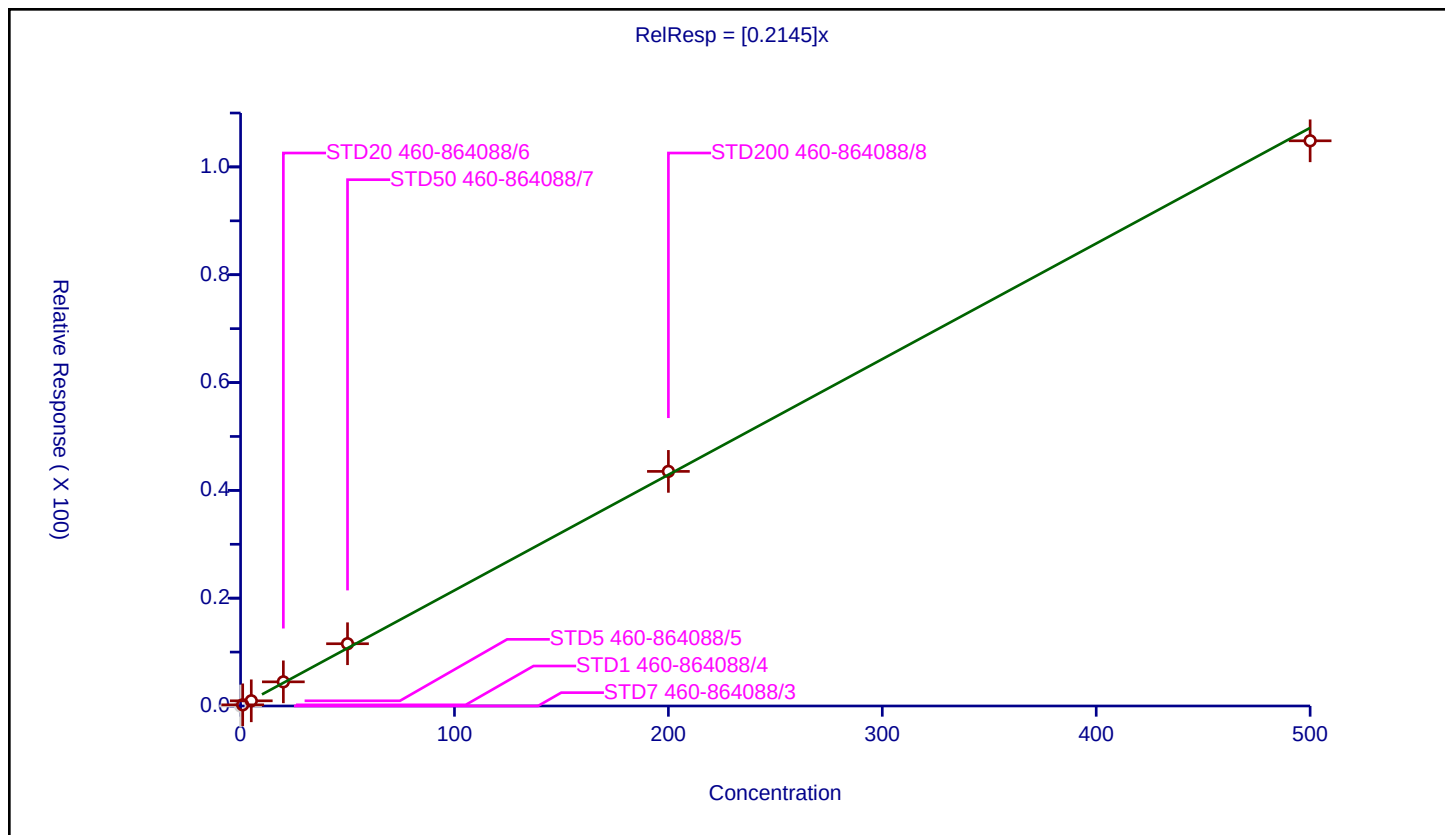
Curve Coefficients

Intercept: 0
Slope: 0.2145

Error Coefficients

Standard Error: 544000
Relative Standard Error: 6.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.212838	50.0	468667.0	0.212838	Y
3	STD5 460-864088/5	5.0	0.959906	50.0	467806.0	0.191981	Y
4	STD20 460-864088/6	20.0	4.477041	50.0	474521.0	0.223852	Y
5	STD50 460-864088/7	50.0	11.548838	50.0	481845.0	0.230977	Y
6	STD200 460-864088/8	200.0	43.521152	50.0	503446.0	0.217606	Y
7	STD500 460-864088/9	500.0	104.846522	50.0	538644.0	0.209693	Y



Calibration

/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

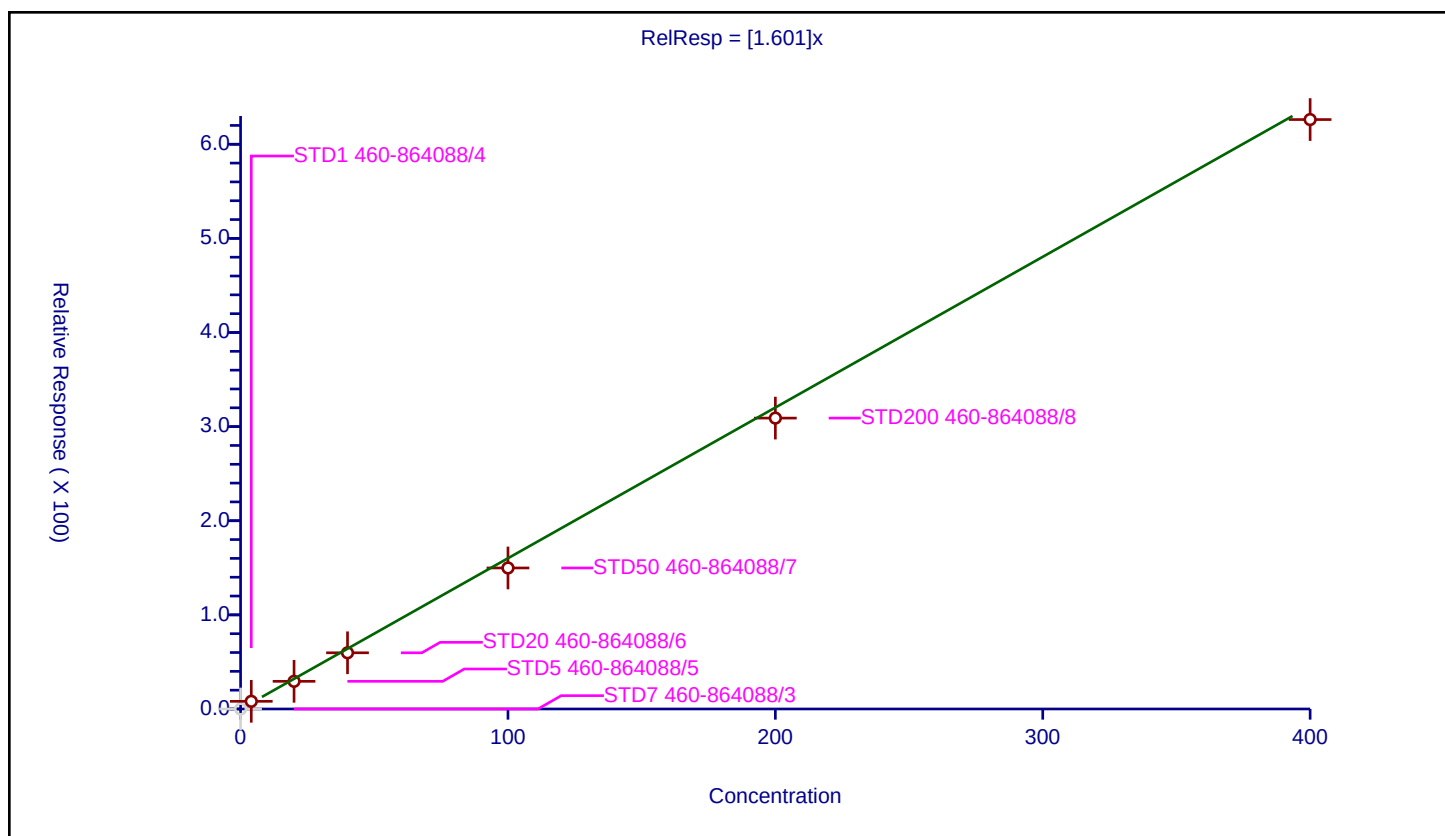
Curve Coefficients

Intercept: 0
 Slope: 1.601

Error Coefficients

Standard Error: 74700
 Relative Standard Error: 13.5
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	4.0	8.142121	1000.0	193807.0	2.03553	Y
3	STD5 460-864088/5	20.0	29.406083	1000.0	196694.0	1.470304	Y
4	STD20 460-864088/6	40.0	59.709402	1000.0	198143.0	1.492735	Y
5	STD50 460-864088/7	100.0	149.84424	1000.0	213148.0	1.498442	Y
6	STD200 460-864088/8	200.0	309.058141	1000.0	221392.0	1.545291	Y
7	STD500 460-864088/9	400.0	626.242662	1000.0	238299.0	1.565607	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

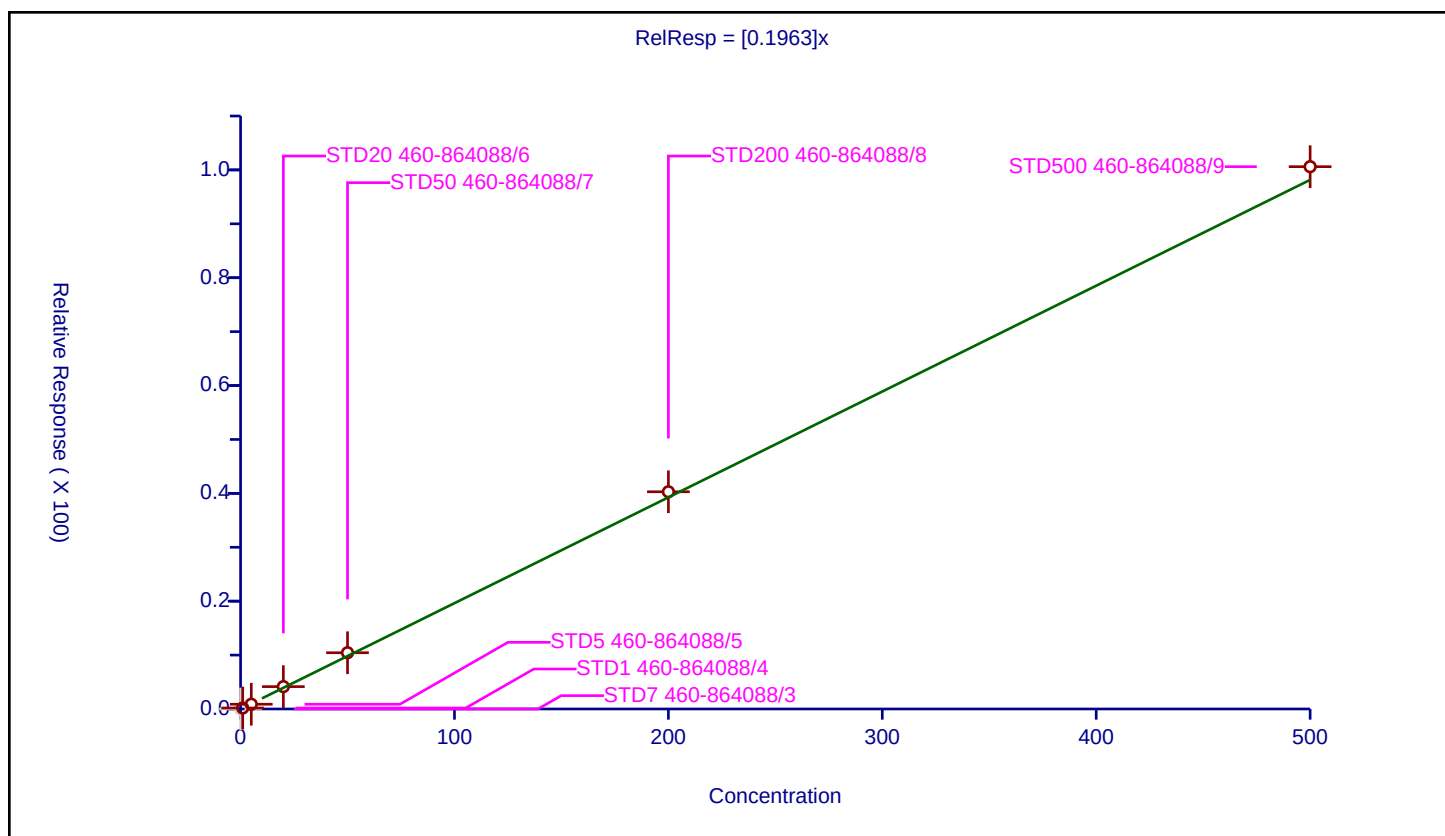
Curve Coefficients

Intercept: 0
 Slope: 0.1963

Error Coefficients

Standard Error: 520000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.182539	50.0	468667.0	0.182539	Y
3	STD5 460-864088/5	5.0	0.882845	50.0	467806.0	0.176569	Y
4	STD20 460-864088/6	20.0	4.146076	50.0	474521.0	0.207304	Y
5	STD50 460-864088/7	50.0	10.435825	50.0	481845.0	0.208716	Y
6	STD200 460-864088/8	200.0	40.295285	50.0	503446.0	0.201476	Y
7	STD500 460-864088/9	500.0	100.599654	50.0	538644.0	0.201199	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

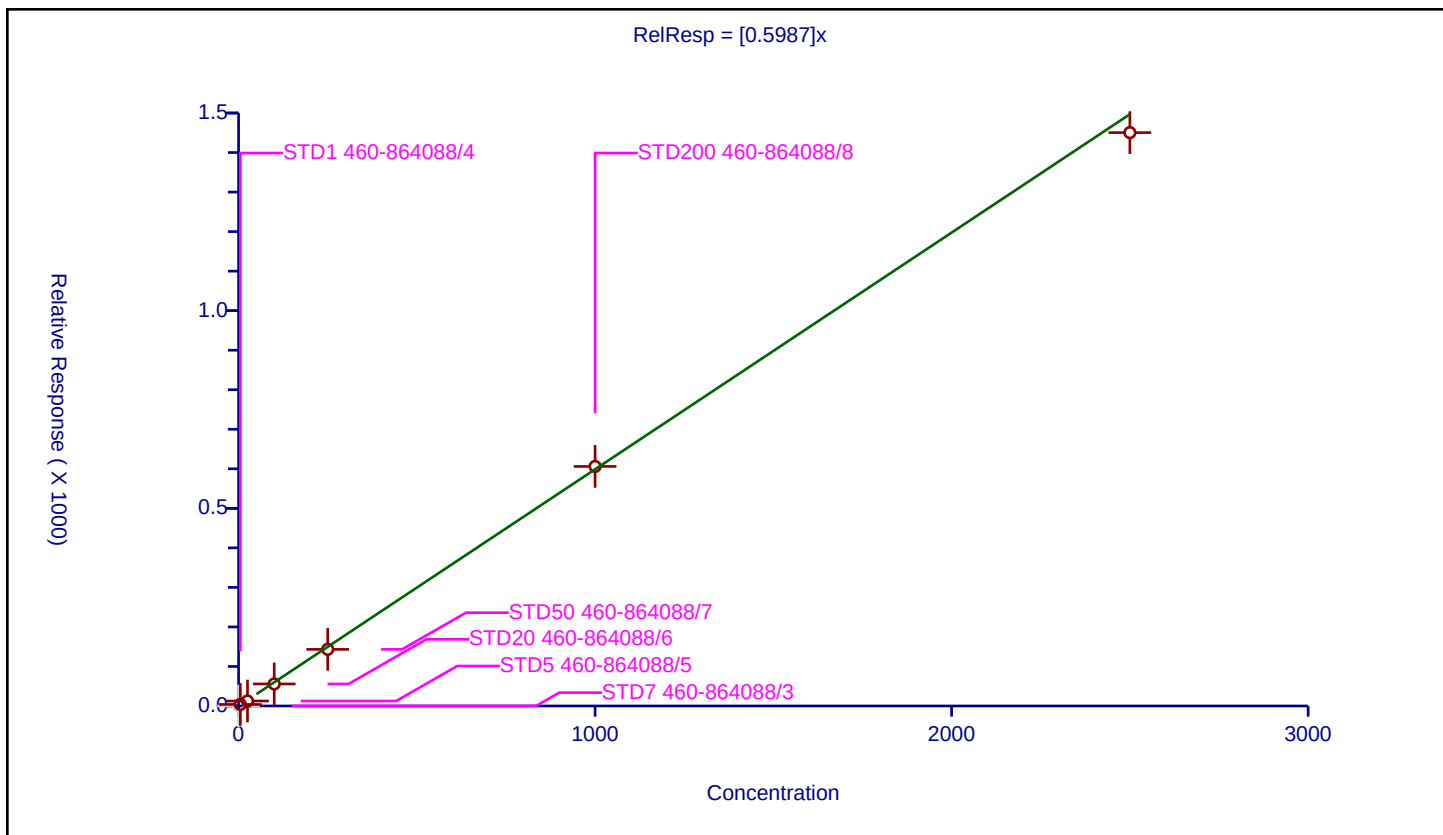
Curve Coefficients

Intercept: 0
Slope: 0.5987

Error Coefficients

Standard Error: 1000000
Relative Standard Error: 15.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	5.0	3.860675	250.0	299559.0	0.772135	Y
3	STD5 460-864088/5	25.0	12.586048	250.0	304047.0	0.503442	Y
4	STD20 460-864088/6	100.0	55.780464	250.0	304569.0	0.557805	Y
5	STD50 460-864088/7	250.0	143.212063	250.0	318683.0	0.572848	Y
6	STD200 460-864088/8	1000.0	605.980328	250.0	335199.0	0.60598	Y
7	STD500 460-864088/9	2500.0	1450.442553	250.0	358488.0	0.580177	Y



Calibration

/ Iodomethane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

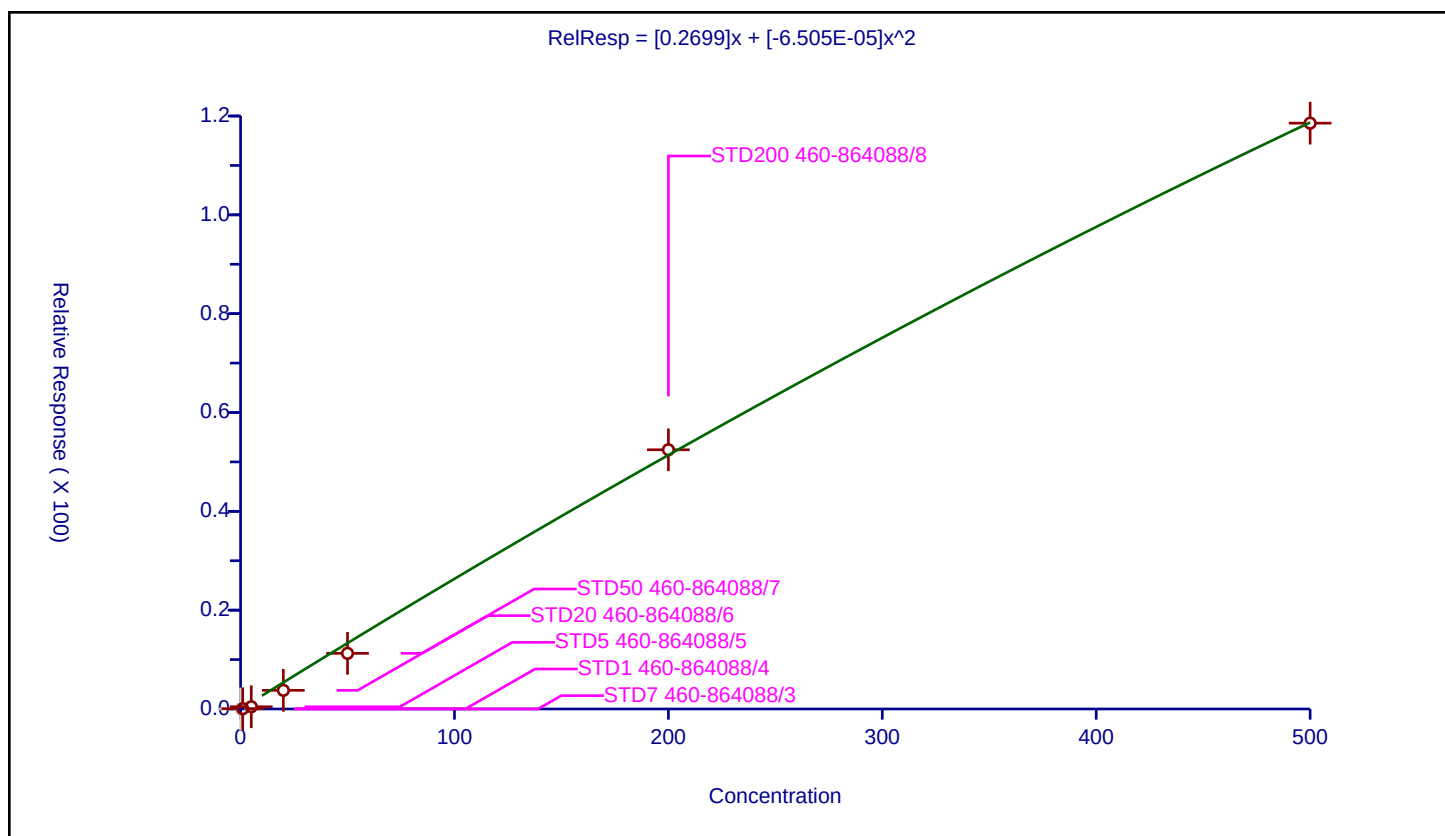
Curve Coefficients

Intercept: 0
 Slope: 0.2699
 Second Order: -6.505E-05

Error Coefficients

Standard Error: 693000
 Relative Standard Error: 54.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.052489	50.0	468667.0	0.052489	Y
3	STD5 460-864088/5	5.0	0.451897	50.0	467806.0	0.090379	Y
4	STD20 460-864088/6	20.0	3.773489	50.0	474521.0	0.188674	Y
5	STD50 460-864088/7	50.0	11.259949	50.0	481845.0	0.225199	Y
6	STD200 460-864088/8	200.0	52.45647	50.0	503446.0	0.262282	Y
7	STD500 460-864088/9	500.0	118.553906	50.0	538644.0	0.237108	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

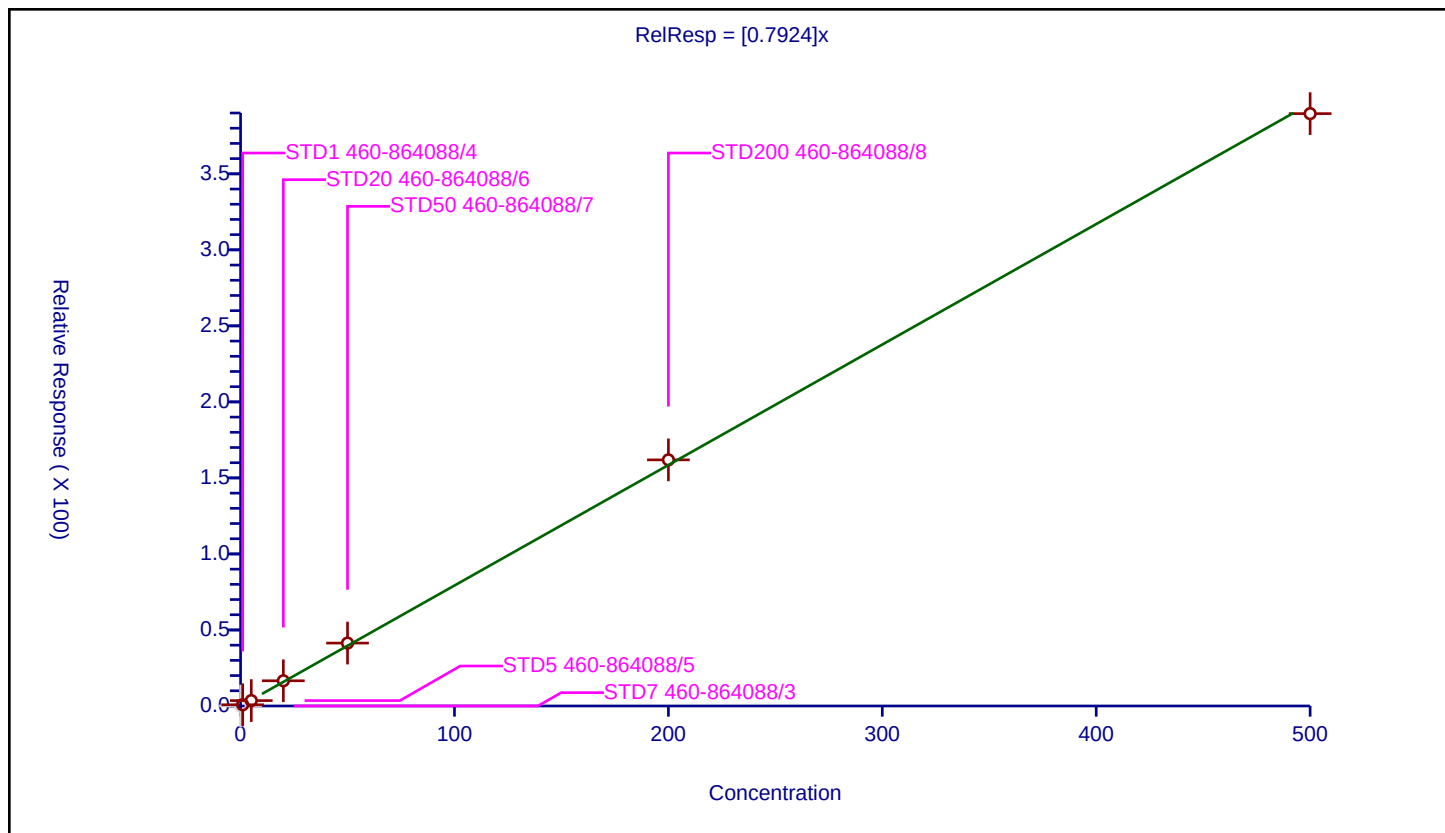
Curve Coefficients

Intercept: 0
 Slope: 0.7924

Error Coefficients

Standard Error: 2020000
 Relative Standard Error: 5.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.798435	50.0	468667.0	0.798435	Y
3	STD5 460-864088/5	5.0	3.554999	50.0	467806.0	0.711	Y
4	STD20 460-864088/6	20.0	16.580931	50.0	474521.0	0.829047	Y
5	STD50 460-864088/7	50.0	41.357802	50.0	481845.0	0.827156	Y
6	STD200 460-864088/8	200.0	161.87317	50.0	503446.0	0.809366	Y
7	STD500 460-864088/9	500.0	389.599996	50.0	538644.0	0.7792	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

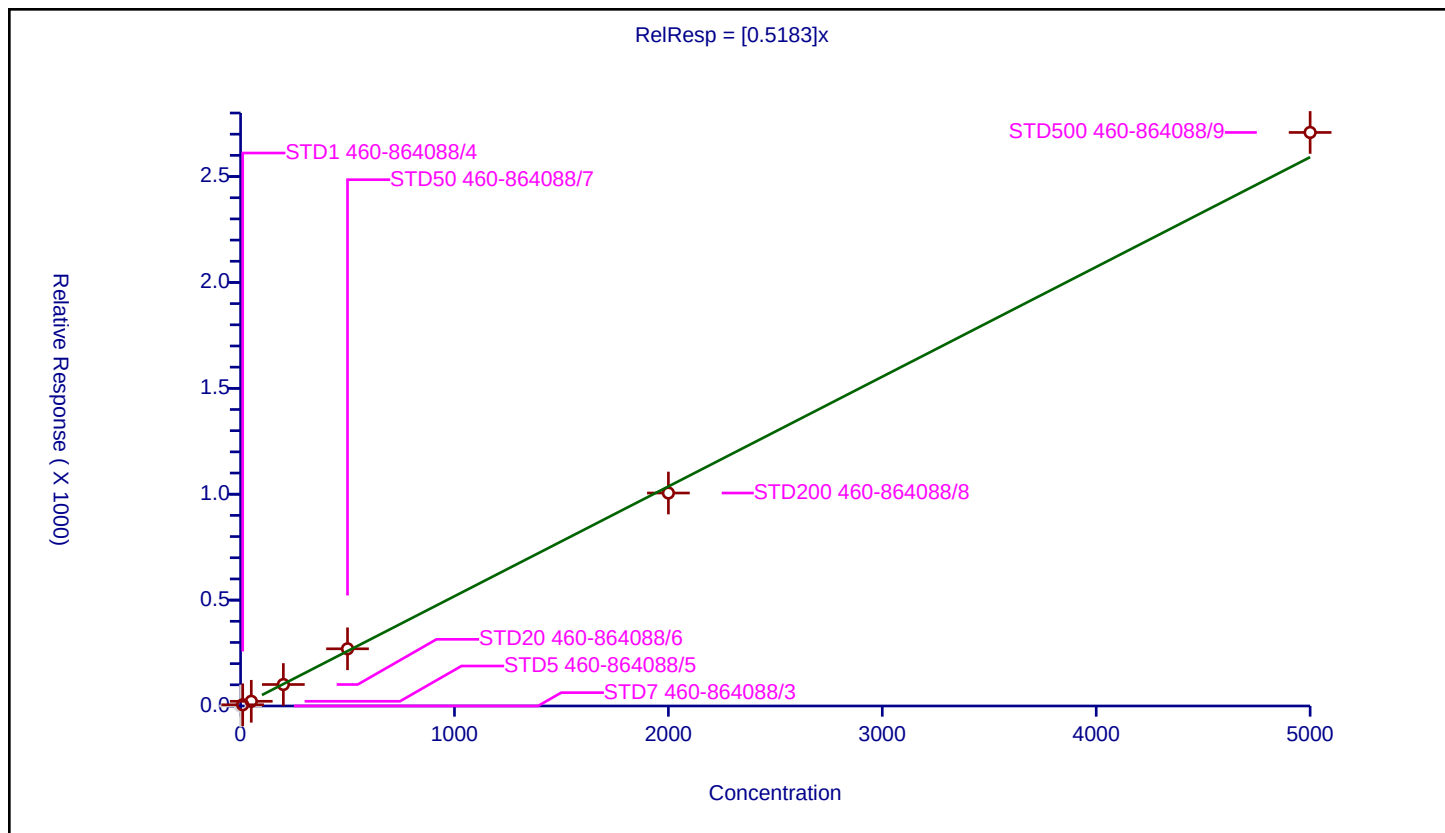
Curve Coefficients

Intercept: 0
 Slope: 0.5183

Error Coefficients

Standard Error: 305000
 Relative Standard Error: 8.5
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	10.0	5.727347	1000.0	193807.0	0.572735	Y
3	STD5 460-864088/5	50.0	22.268092	1000.0	196694.0	0.445362	Y
4	STD20 460-864088/6	200.0	101.446935	1000.0	198143.0	0.507235	Y
5	STD50 460-864088/7	500.0	270.028337	1000.0	213148.0	0.540057	Y
6	STD200 460-864088/8	2000.0	1005.695779	1000.0	221392.0	0.502848	Y
7	STD500 460-864088/9	5000.0	2708.227899	1000.0	238299.0	0.541646	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

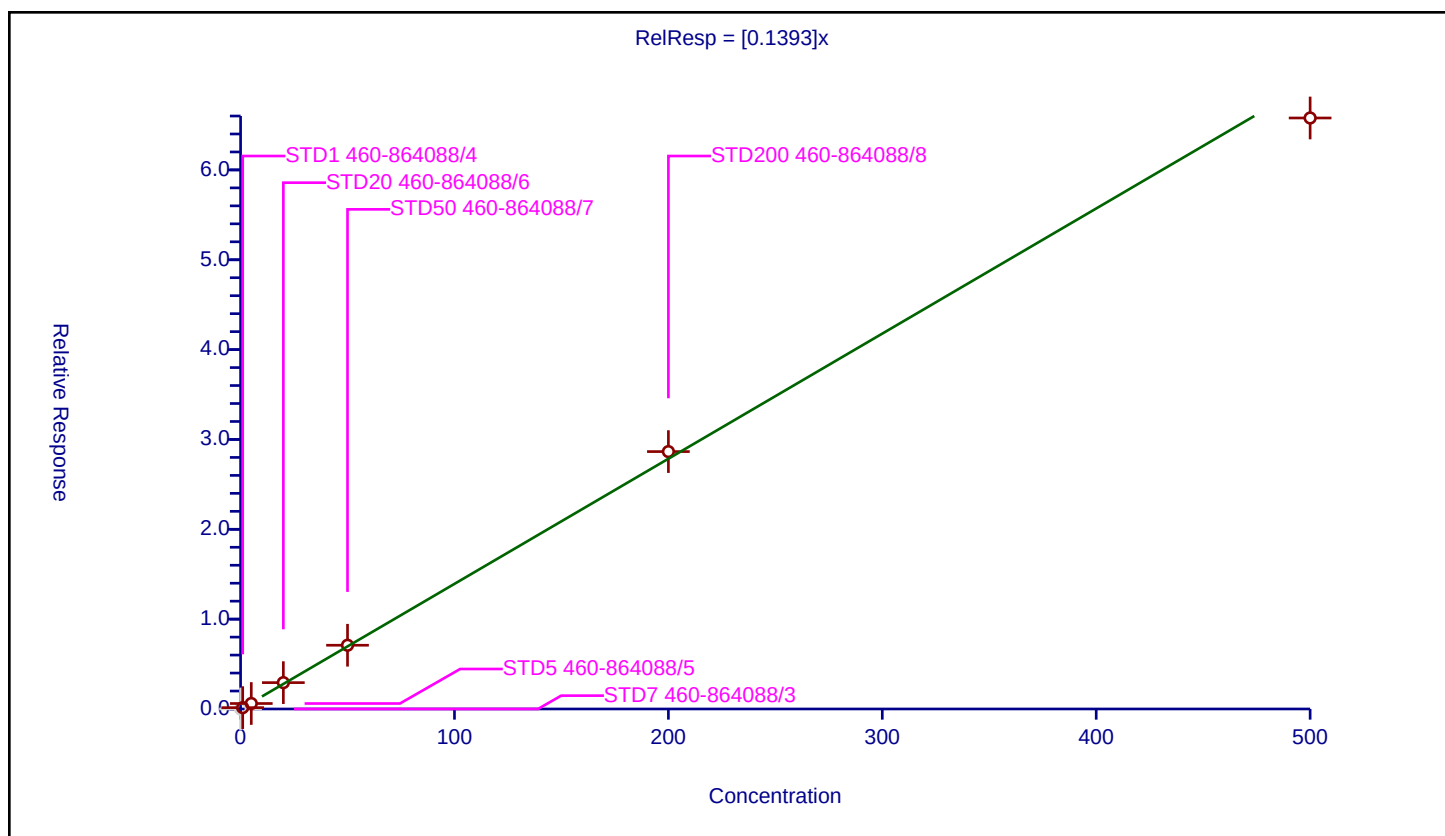
Curve Coefficients

Intercept: 0
 Slope: 0.1393

Error Coefficients

Standard Error: 344000
 Relative Standard Error: 7.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.15	50.0	468667.0	0.15	Y
3	STD5 460-864088/5	5.0	0.610937	50.0	467806.0	0.122187	Y
4	STD20 460-864088/6	20.0	2.933801	50.0	474521.0	0.14669	Y
5	STD50 460-864088/7	50.0	7.096162	50.0	481845.0	0.141923	Y
6	STD200 460-864088/8	200.0	28.648455	50.0	503446.0	0.143242	Y
7	STD500 460-864088/9	500.0	65.780924	50.0	538644.0	0.131562	Y



Calibration

/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

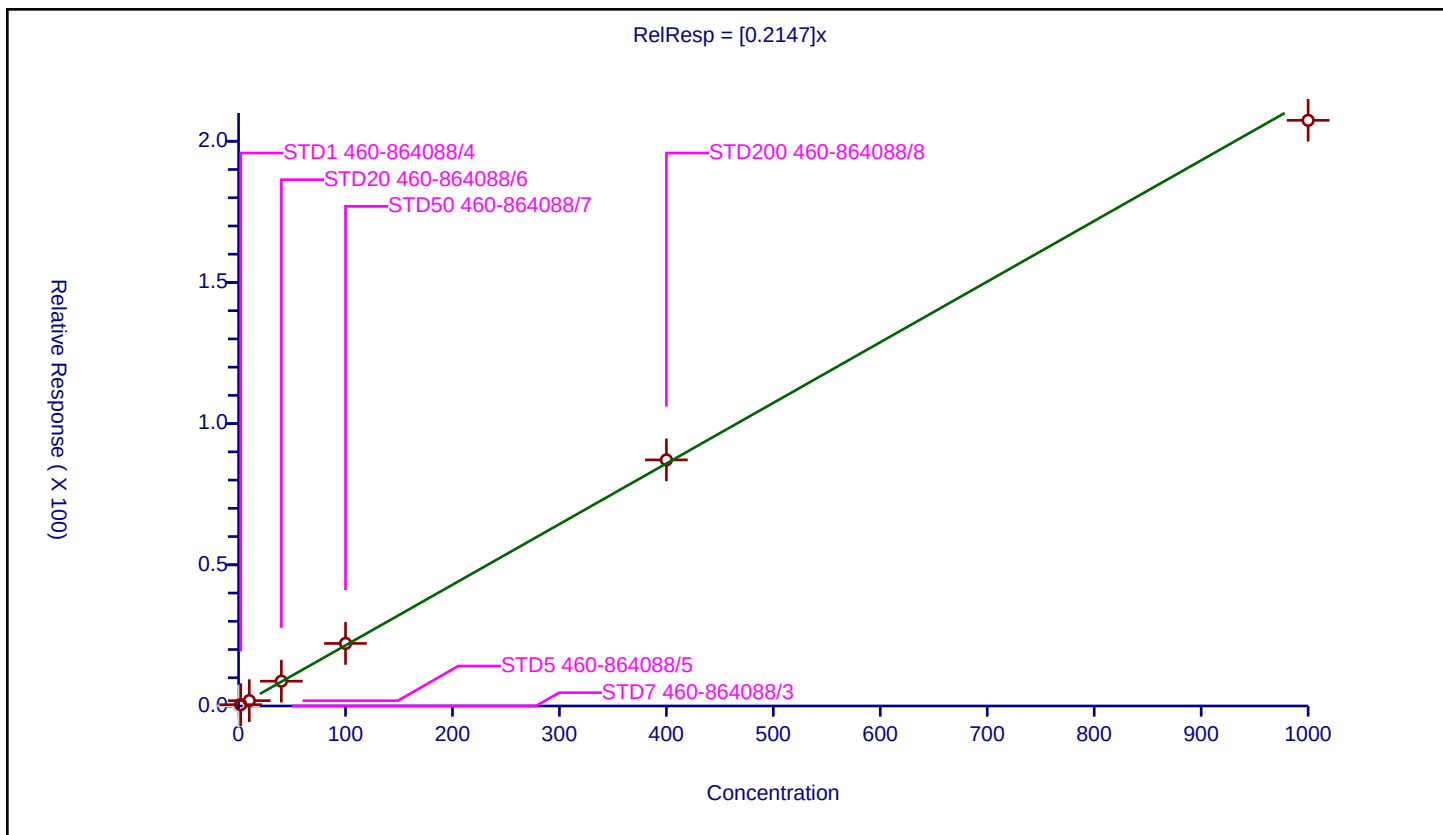
Curve Coefficients

Intercept: 0
 Slope: 0.2147

Error Coefficients

Standard Error: 1080000
 Relative Standard Error: 6.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	2.0	0.463975	50.0	468667.0	0.231988	Y
3	STD5 460-864088/5	10.0	1.898116	50.0	467806.0	0.189812	Y
4	STD20 460-864088/6	40.0	8.785807	50.0	474521.0	0.219645	Y
5	STD50 460-864088/7	100.0	22.14623	50.0	481845.0	0.221462	Y
6	STD200 460-864088/8	400.0	87.150459	50.0	503446.0	0.217876	Y
7	STD500 460-864088/9	1000.0	207.416772	50.0	538644.0	0.207417	Y



Calibration

/ Cyclopentene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

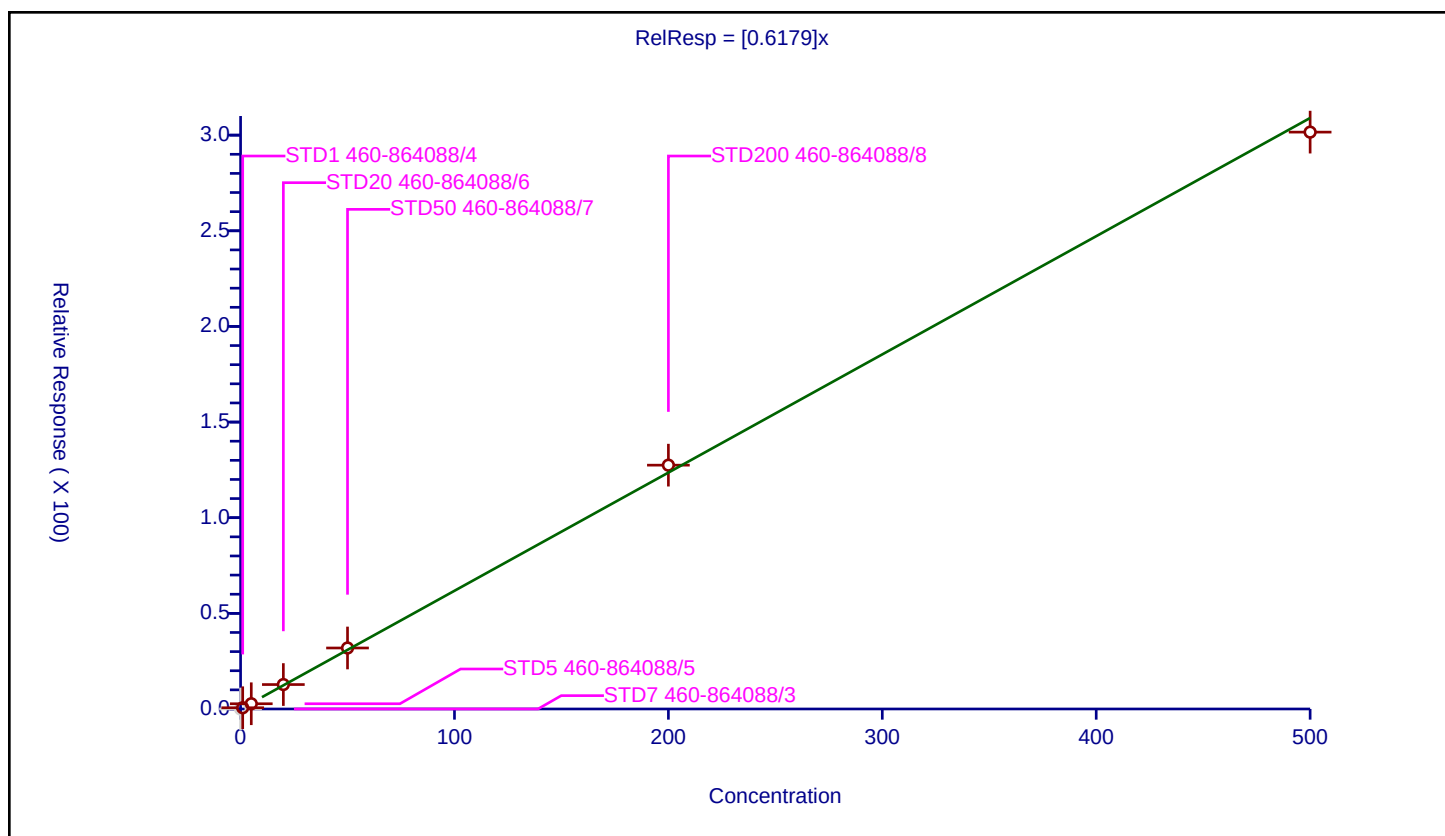
Curve Coefficients

Intercept: 0
Slope: 0.6179

Error Coefficients

Standard Error: 1570000
Relative Standard Error: 6.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.64182	50.0	468667.0	0.64182	Y
3	STD5 460-864088/5	5.0	2.742697	50.0	467806.0	0.548539	Y
4	STD20 460-864088/6	20.0	12.778254	50.0	474521.0	0.638913	Y
5	STD50 460-864088/7	50.0	31.888367	50.0	481845.0	0.637767	Y
6	STD200 460-864088/8	200.0	127.475141	50.0	503446.0	0.637376	Y
7	STD500 460-864088/9	500.0	301.578594	50.0	538644.0	0.603157	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

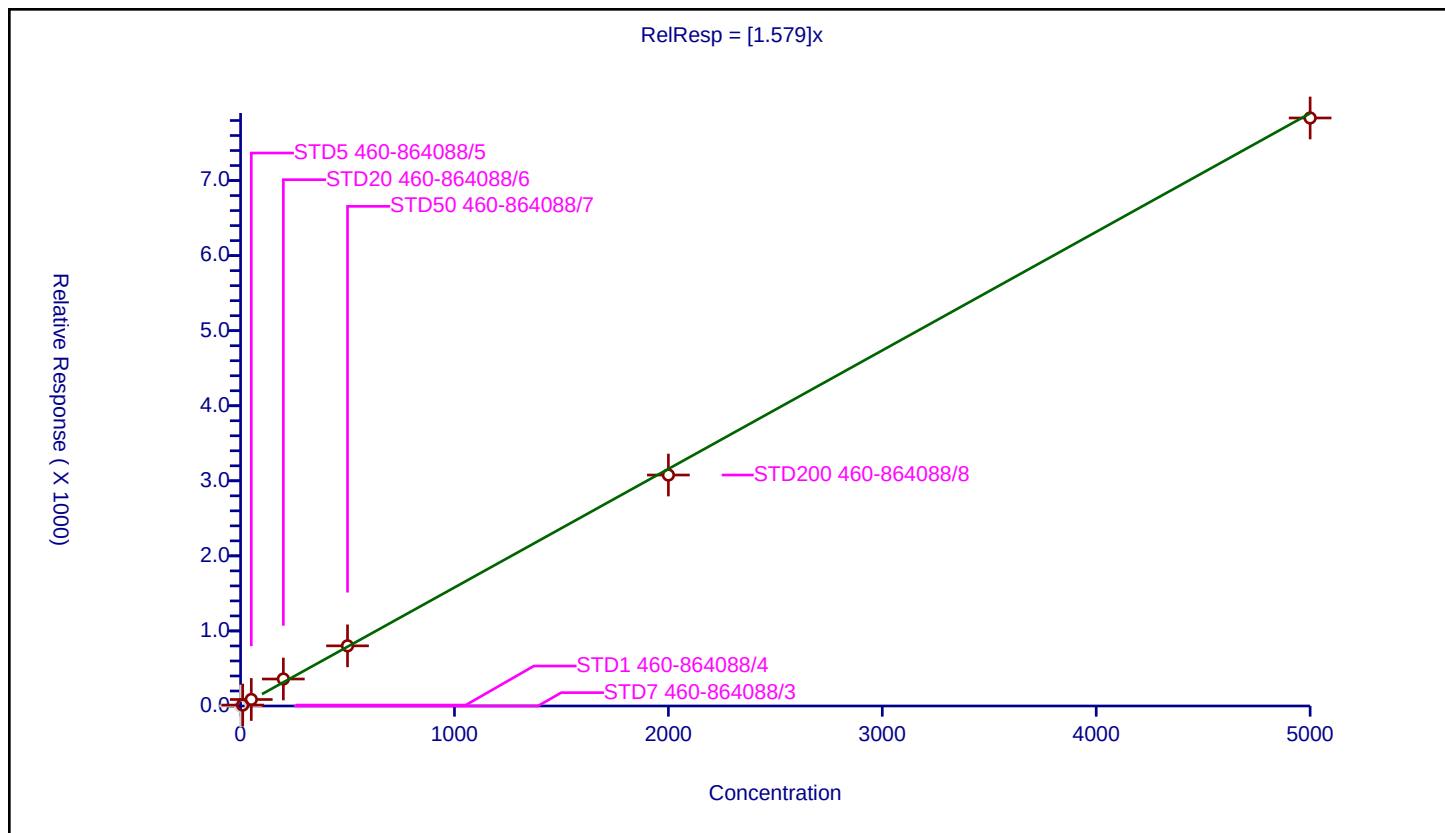
Curve Coefficients

Intercept: 0
 Slope: 1.579

Error Coefficients

Standard Error: 889000
 Relative Standard Error: 12.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	10.0	12.388613	1000.0	193807.0	1.238861	Y
3	STD5 460-864088/5	50.0	86.616775	1000.0	196694.0	1.732336	Y
4	STD20 460-864088/6	200.0	359.215314	1000.0	198143.0	1.796077	Y
5	STD50 460-864088/7	500.0	801.255466	1000.0	213148.0	1.602511	Y
6	STD200 460-864088/8	2000.0	3077.039821	1000.0	221392.0	1.53852	Y
7	STD500 460-864088/9	5000.0	7833.847393	1000.0	238299.0	1.566769	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

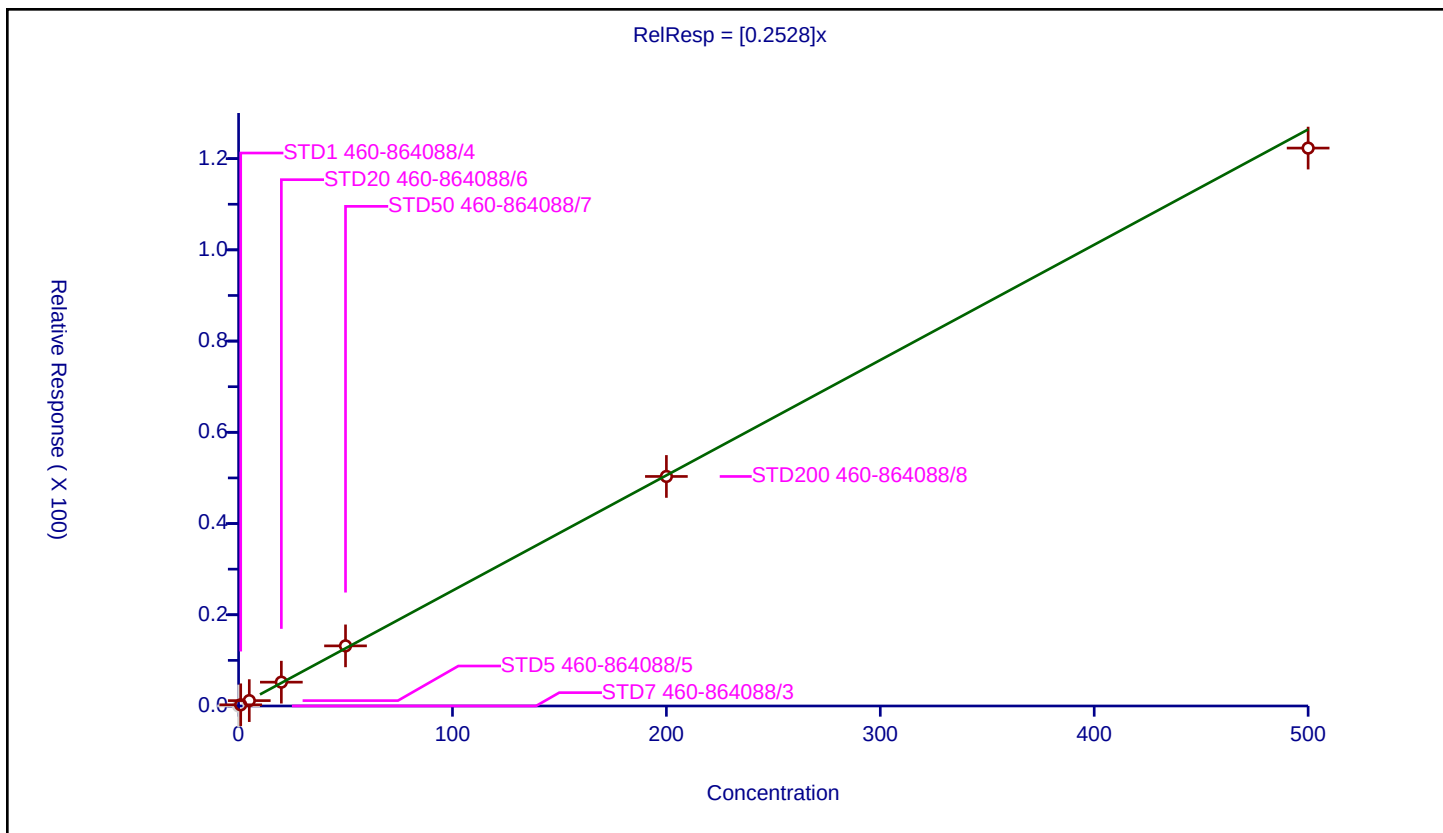
Curve Coefficients

Intercept: 0
 Slope: 0.2528

Error Coefficients

Standard Error: 634000
 Relative Standard Error: 4.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.259673	50.0	468667.0	0.259673	Y
3	STD5 460-864088/5	5.0	1.180404	50.0	467806.0	0.236081	Y
4	STD20 460-864088/6	20.0	5.222951	50.0	474521.0	0.261148	Y
5	STD50 460-864088/7	50.0	13.182247	50.0	481845.0	0.263645	Y
6	STD200 460-864088/8	200.0	50.323371	50.0	503446.0	0.251617	Y
7	STD500 460-864088/9	500.0	122.309726	50.0	538644.0	0.244619	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

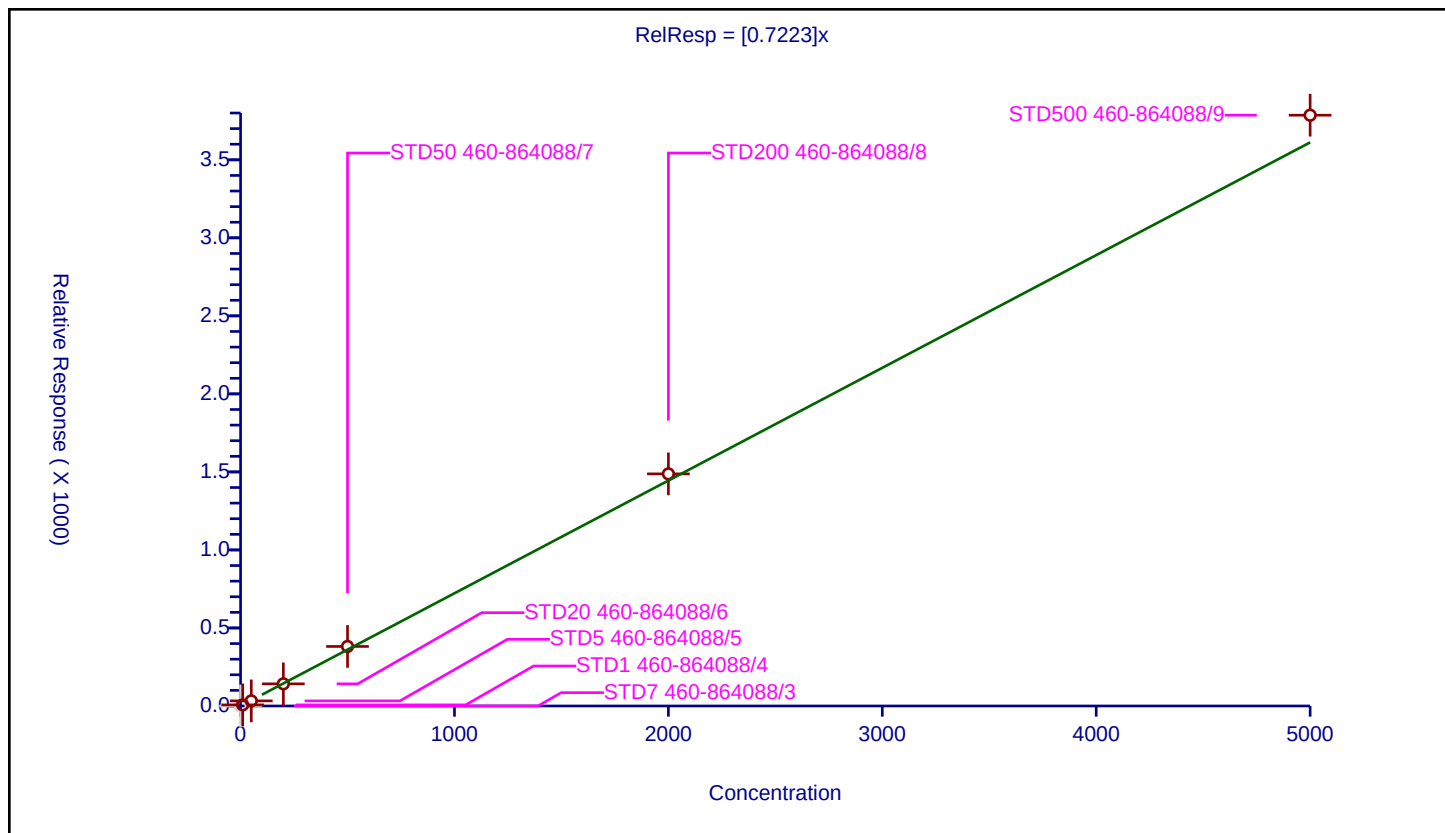
Curve Coefficients

Intercept: 0
 Slope: 0.7223

Error Coefficients

Standard Error: 430000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	10.0	7.058569	1000.0	193807.0	0.705857	Y
3	STD5 460-864088/5	50.0	32.710708	1000.0	196694.0	0.654214	Y
4	STD20 460-864088/6	200.0	141.973221	1000.0	198143.0	0.709866	Y
5	STD50 460-864088/7	500.0	381.56586	1000.0	213148.0	0.763132	Y
6	STD200 460-864088/8	2000.0	1487.510841	1000.0	221392.0	0.743755	Y
7	STD500 460-864088/9	5000.0	3786.067084	1000.0	238299.0	0.757213	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

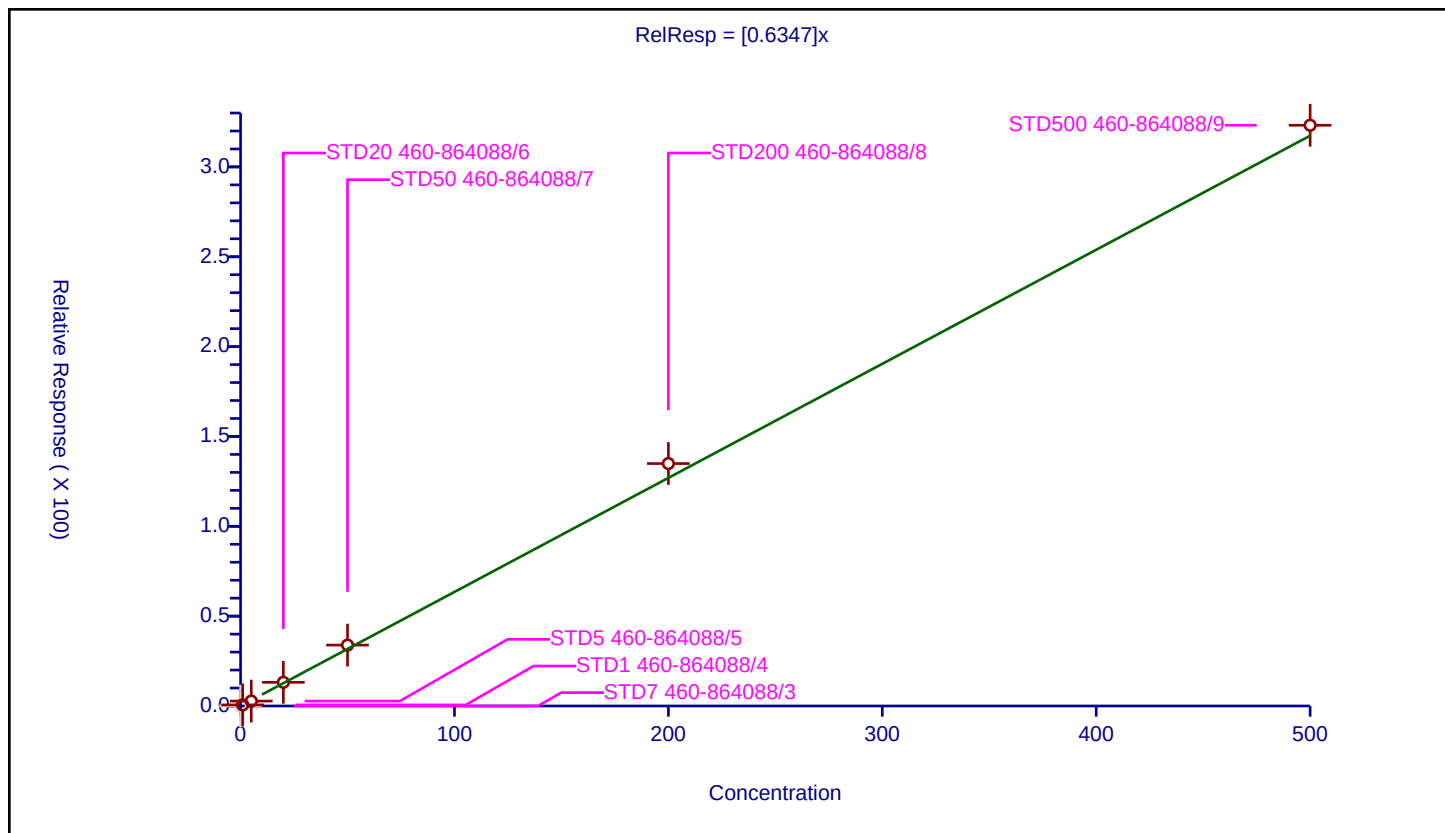
Curve Coefficients

Intercept: 0
Slope: 0.6347

Error Coefficients

Standard Error: 1680000
Relative Standard Error: 8.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.603307	50.0	468667.0	0.603307	Y
3	STD5 460-864088/5	5.0	2.737566	50.0	467806.0	0.547513	Y
4	STD20 460-864088/6	20.0	13.177499	50.0	474521.0	0.658875	Y
5	STD50 460-864088/7	50.0	33.884444	50.0	481845.0	0.677689	Y
6	STD200 460-864088/8	200.0	134.915959	50.0	503446.0	0.67458	Y
7	STD500 460-864088/9	500.0	323.1873	50.0	538644.0	0.646375	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

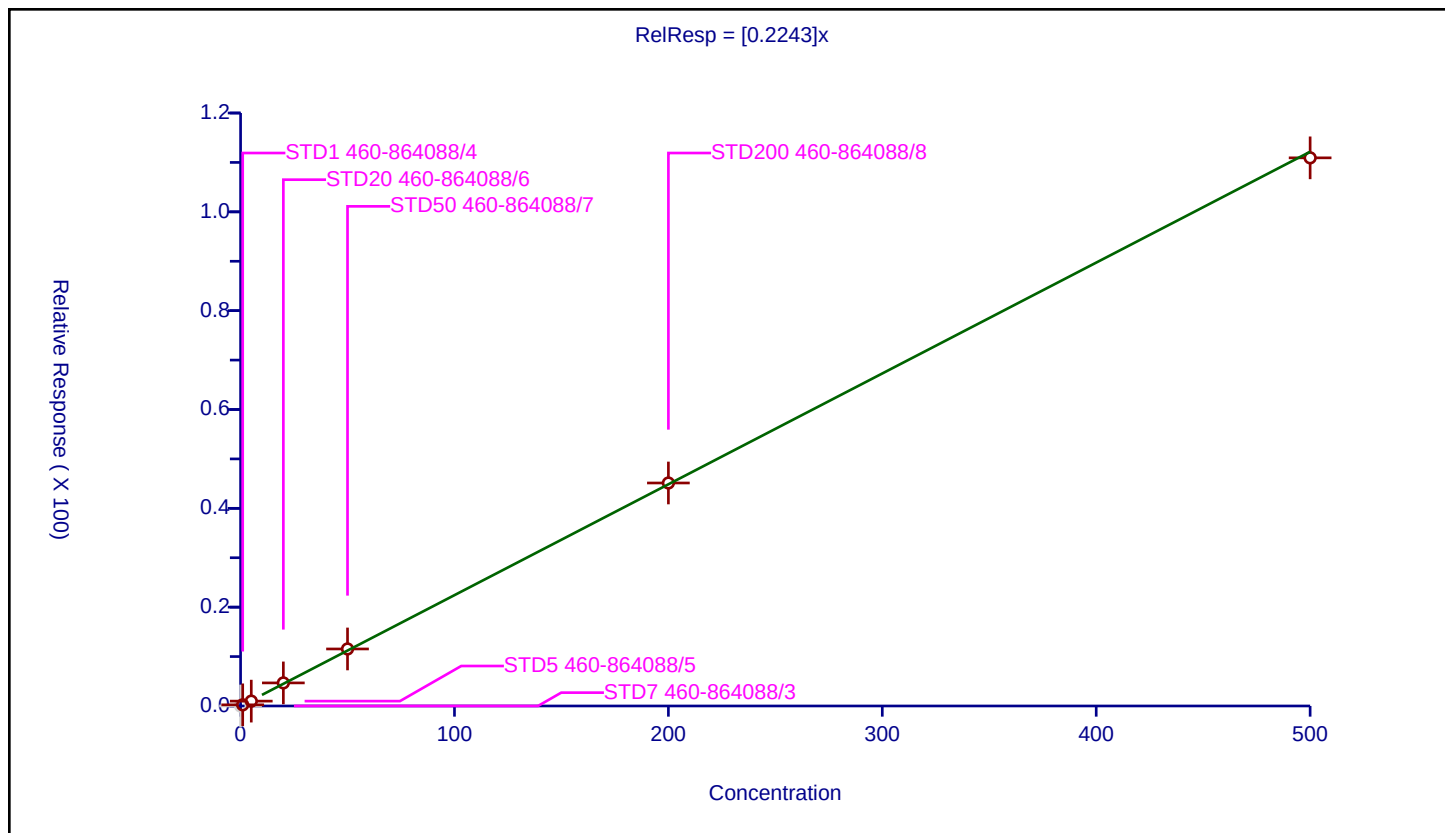
Curve Coefficients

Intercept: 0
 Slope: 0.2243

Error Coefficients

Standard Error: 574000
 Relative Standard Error: 6.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.237162	50.0	468667.0	0.237162	Y
3	STD5 460-864088/5	5.0	0.984062	50.0	467806.0	0.196812	Y
4	STD20 460-864088/6	20.0	4.67071	50.0	474521.0	0.233536	Y
5	STD50 460-864088/7	50.0	11.542508	50.0	481845.0	0.23085	Y
6	STD200 460-864088/8	200.0	45.126985	50.0	503446.0	0.225635	Y
7	STD500 460-864088/9	500.0	110.93106	50.0	538644.0	0.221862	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

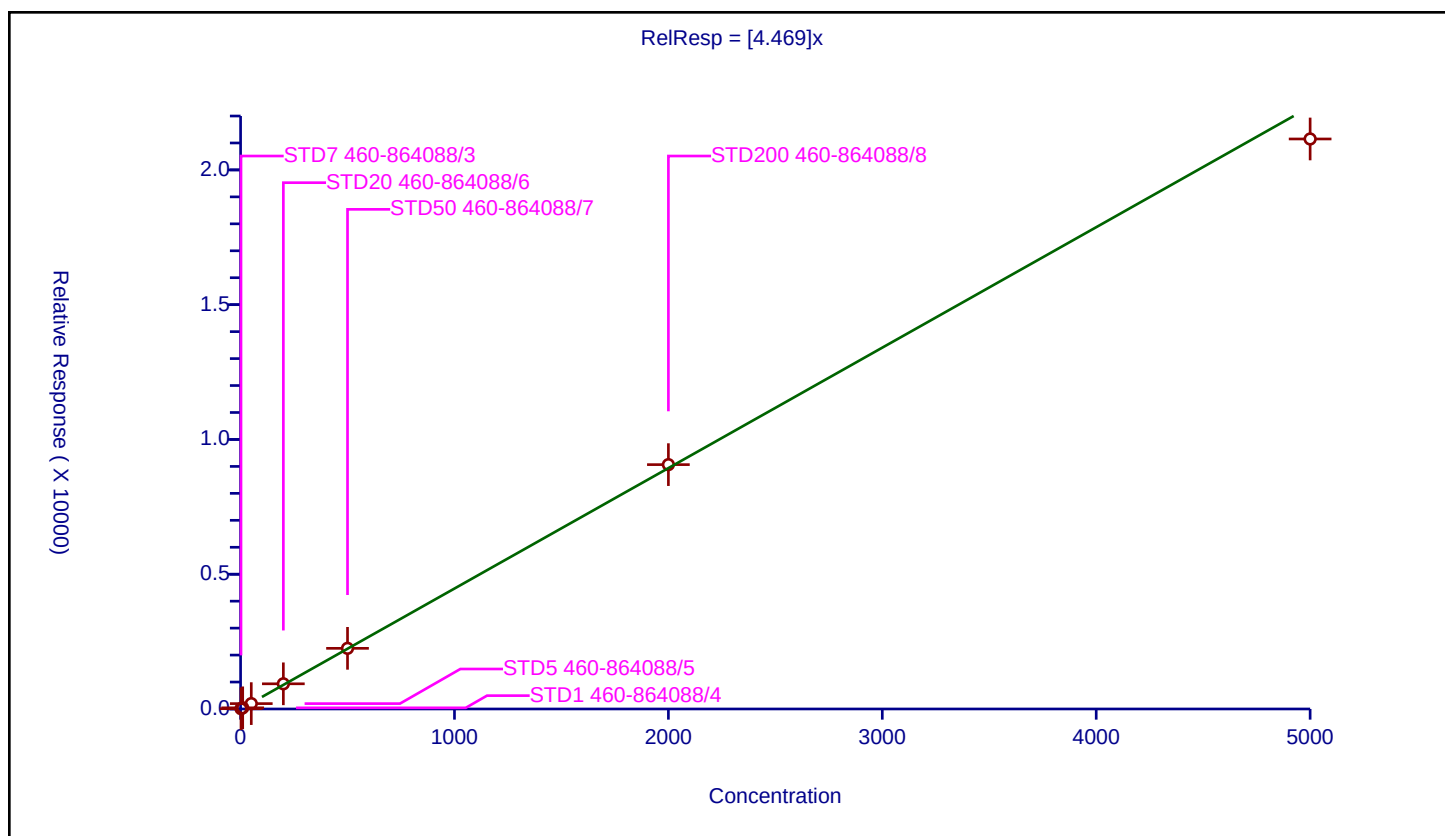
Curve Coefficients

Intercept: 0
Slope: 4.469

Error Coefficients

Standard Error: 2210000
Relative Standard Error: 8.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	2.0	10.204286	1000.0	199328.0	5.102143	Y
2	STD1 460-864088/4	10.0	42.547483	1000.0	193807.0	4.254748	Y
3	STD5 460-864088/5	50.0	199.299419	1000.0	196694.0	3.985988	Y
4	STD20 460-864088/6	200.0	934.895505	1000.0	198143.0	4.674478	Y
5	STD50 460-864088/7	500.0	2250.380018	1000.0	213148.0	4.50076	Y
6	STD200 460-864088/8	2000.0	9066.023163	1000.0	221392.0	4.533012	Y
7	STD500 460-864088/9	5000.0	21148.523494	1000.0	238299.0	4.229705	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

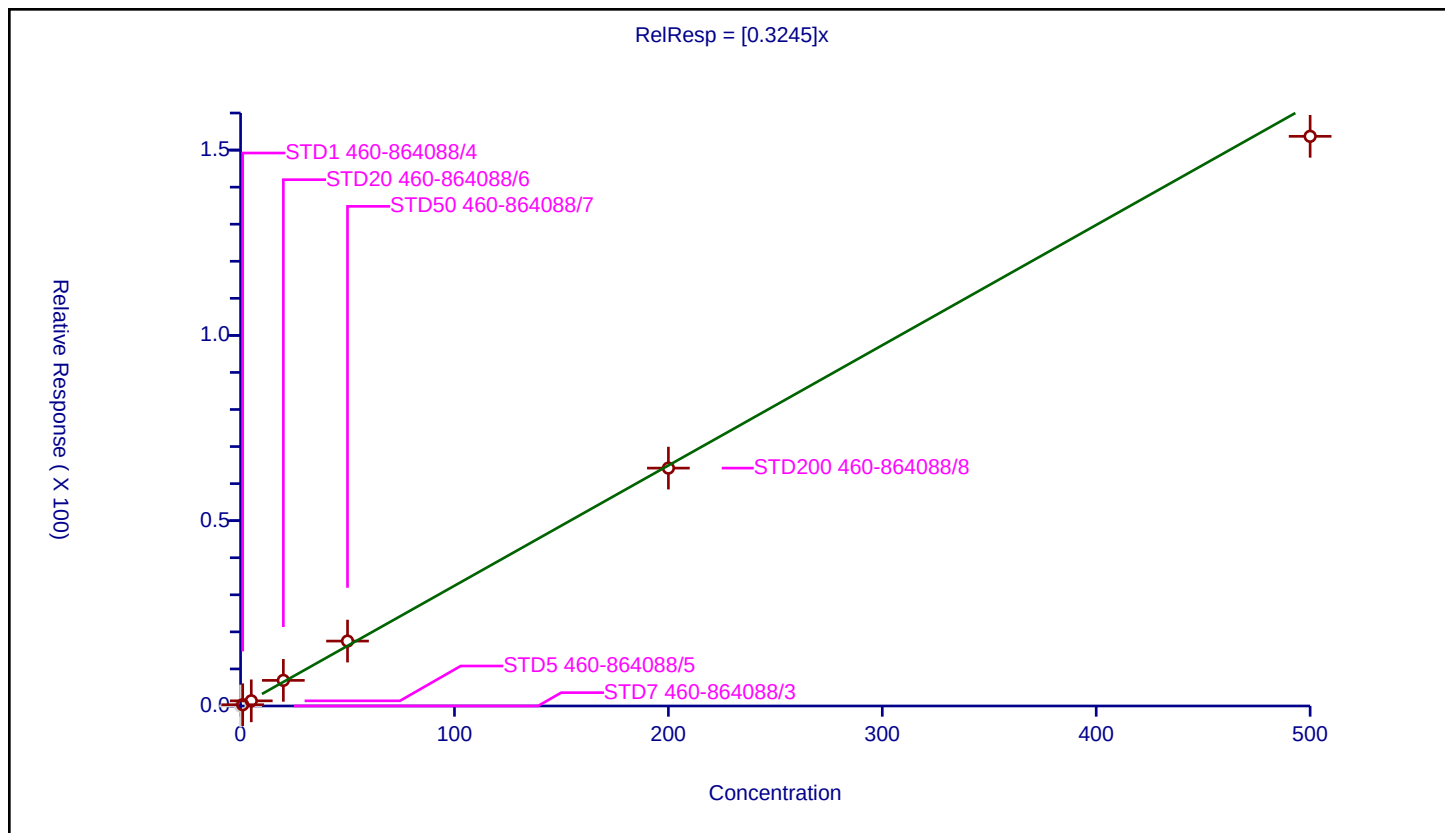
Curve Coefficients

Intercept: 0
 Slope: 0.3245

Error Coefficients

Standard Error: 799000
 Relative Standard Error: 8.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.343527	50.0	468667.0	0.343527	Y
3	STD5 460-864088/5	5.0	1.395664	50.0	467806.0	0.279133	Y
4	STD20 460-864088/6	20.0	6.910864	50.0	474521.0	0.345543	Y
5	STD50 460-864088/7	50.0	17.515072	50.0	481845.0	0.350301	Y
6	STD200 460-864088/8	200.0	64.186725	50.0	503446.0	0.320934	Y
7	STD500 460-864088/9	500.0	153.713956	50.0	538644.0	0.307428	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

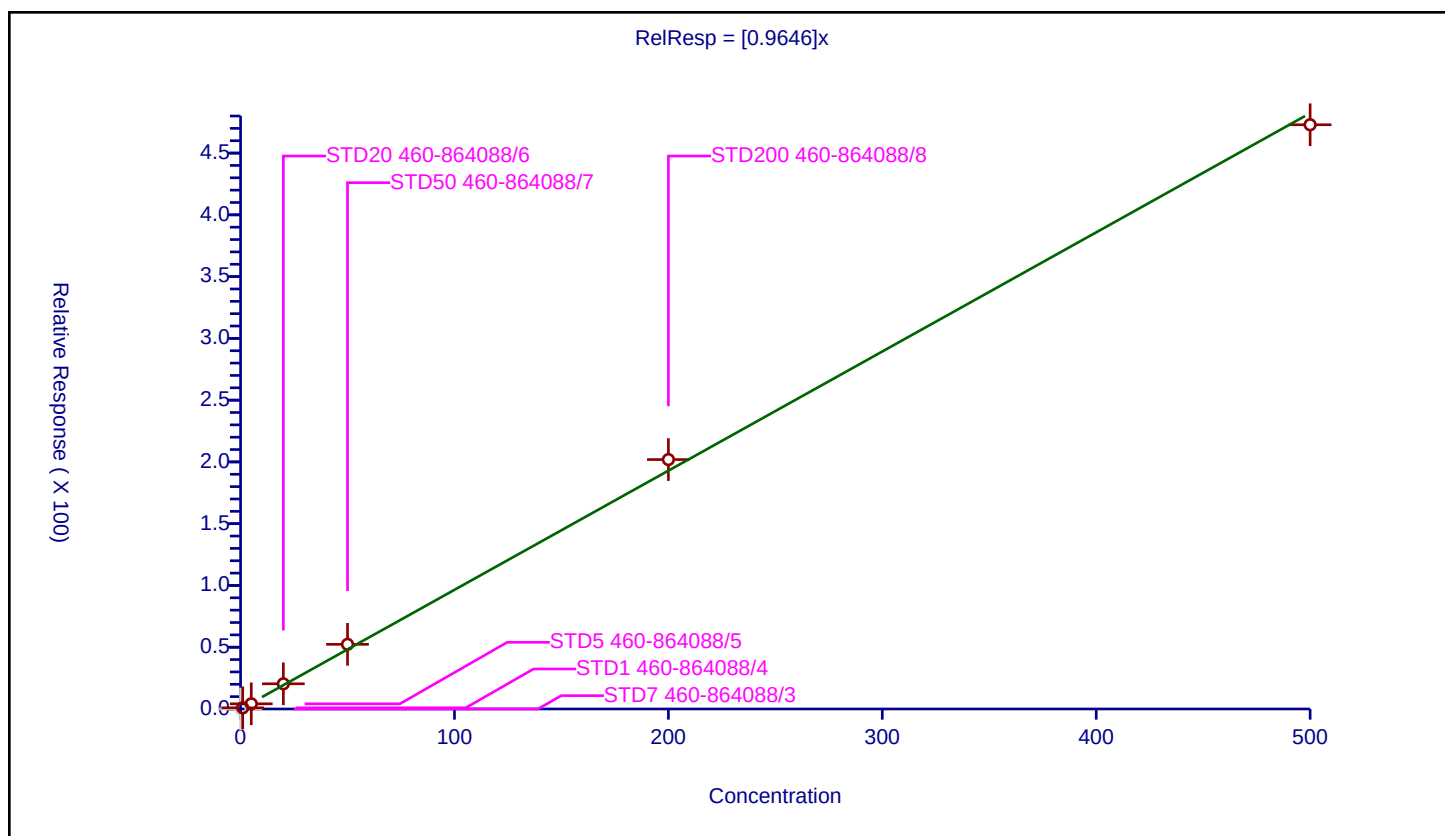
Curve Coefficients

Intercept: 0
 Slope: 0.9646

Error Coefficients

Standard Error: 2460000
 Relative Standard Error: 8.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.928164	50.0	468667.0	0.928164	Y
3	STD5 460-864088/5	5.0	4.188916	50.0	467806.0	0.837783	Y
4	STD20 460-864088/6	20.0	20.387823	50.0	474521.0	1.019391	Y
5	STD50 460-864088/7	50.0	52.333738	50.0	481845.0	1.046675	Y
6	STD200 460-864088/8	200.0	201.910135	50.0	503446.0	1.009551	Y
7	STD500 460-864088/9	500.0	472.928688	50.0	538644.0	0.945857	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

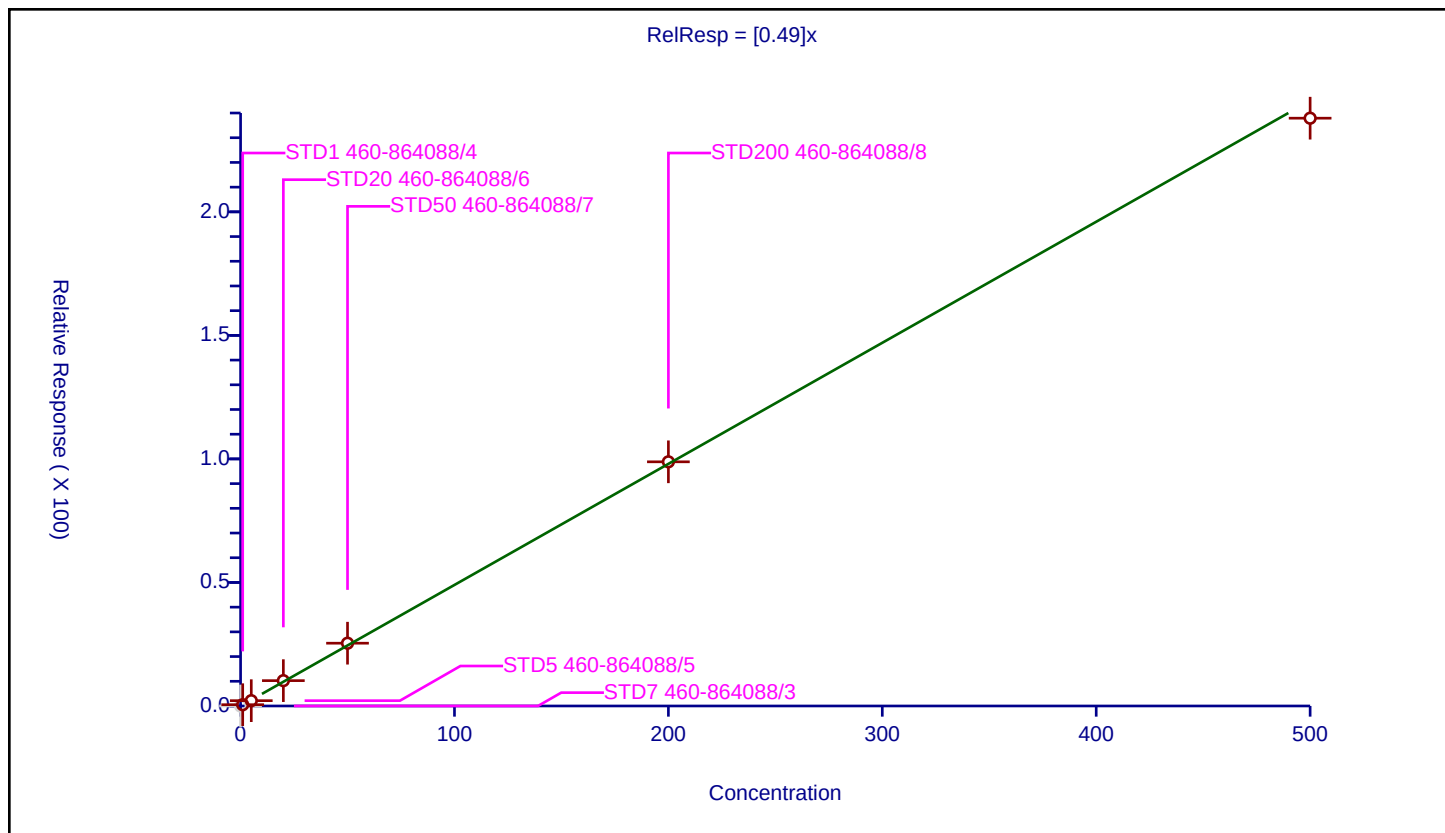
Curve Coefficients

Intercept: 0
 Slope: 0.49

Error Coefficients

Standard Error: 1240000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.518598	50.0	468667.0	0.518598	Y
3	STD5 460-864088/5	5.0	2.150998	50.0	467806.0	0.4302	Y
4	STD20 460-864088/6	20.0	10.258555	50.0	474521.0	0.512928	Y
5	STD50 460-864088/7	50.0	25.408274	50.0	481845.0	0.508165	Y
6	STD200 460-864088/8	200.0	98.830858	50.0	503446.0	0.494154	Y
7	STD500 460-864088/9	500.0	237.902492	50.0	538644.0	0.475805	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

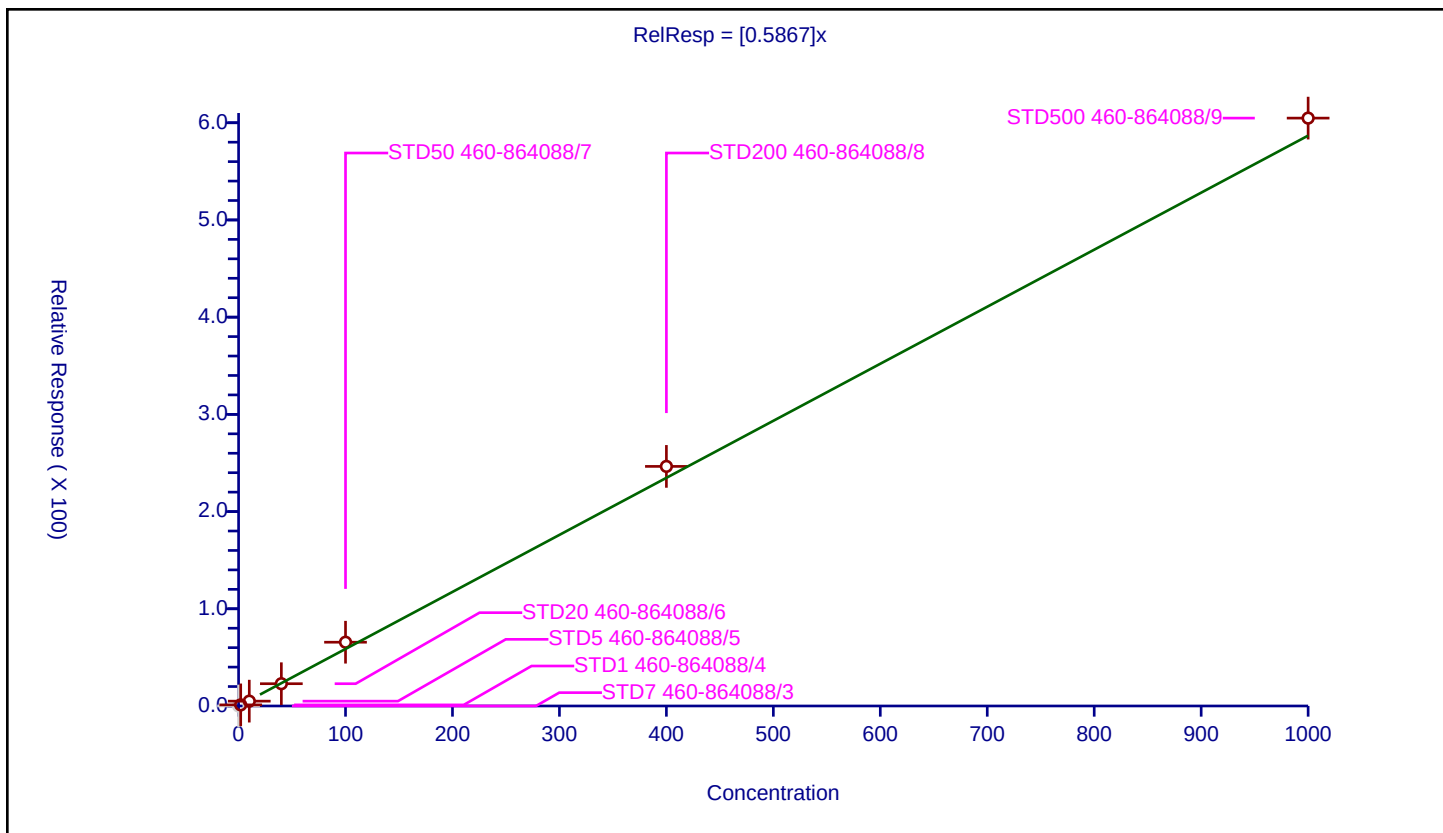
Curve Coefficients

Intercept: 0
 Slope: 0.5867

Error Coefficients

Standard Error: 3130000
 Relative Standard Error: 9.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	2.0	1.146763	50.0	468667.0	0.573382	Y
3	STD5 460-864088/5	10.0	4.971292	50.0	467806.0	0.497129	Y
4	STD20 460-864088/6	40.0	22.913949	50.0	474521.0	0.572849	Y
5	STD50 460-864088/7	100.0	65.606471	50.0	481845.0	0.656065	Y
6	STD200 460-864088/8	400.0	246.479563	50.0	503446.0	0.616199	Y
7	STD500 460-864088/9	1000.0	604.772911	50.0	538644.0	0.604773	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

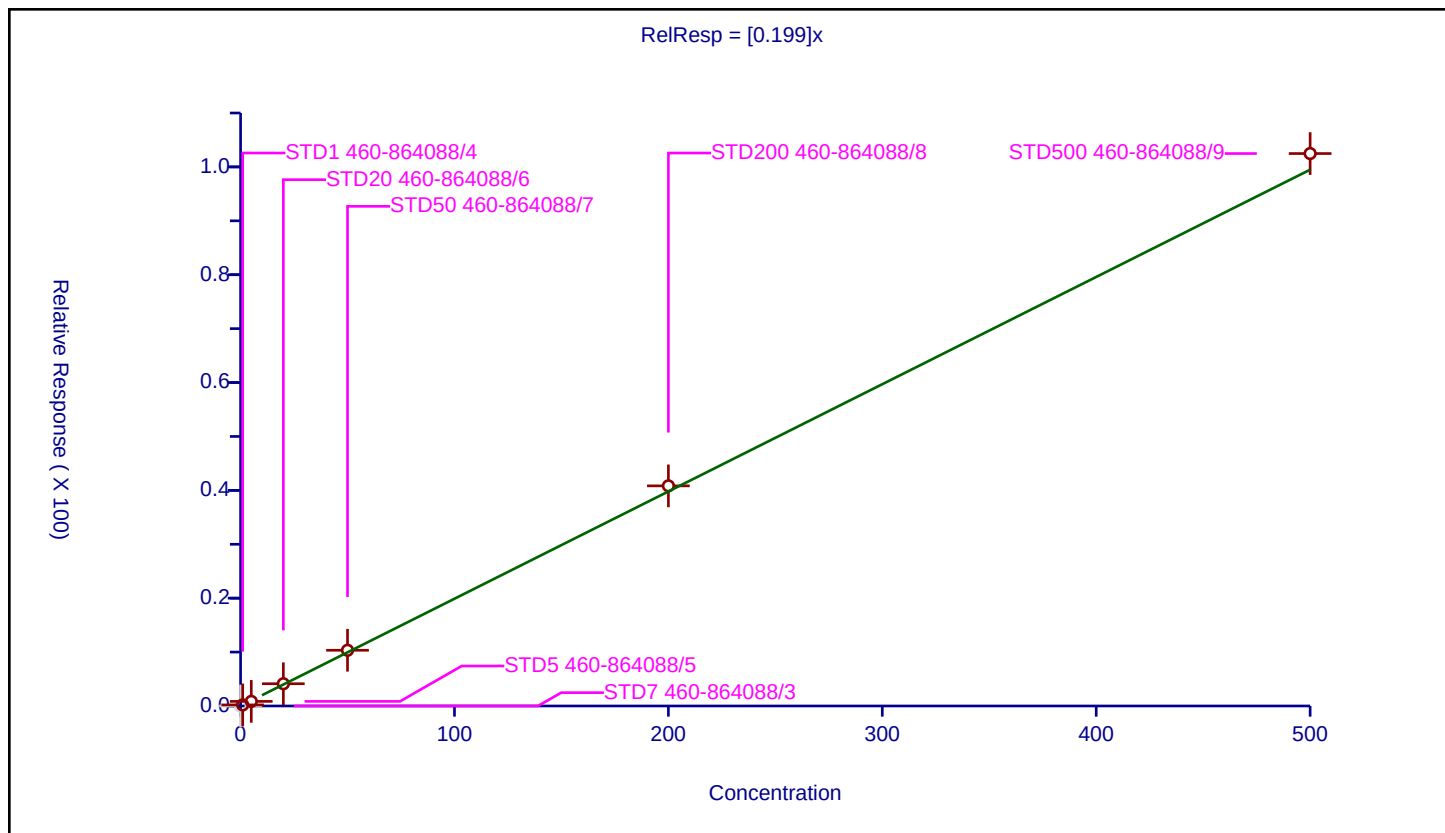
Curve Coefficients

Intercept: 0
 Slope: 0.199

Error Coefficients

Standard Error: 529000
 Relative Standard Error: 7.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.200782	50.0	468667.0	0.200782	Y
3	STD5 460-864088/5	5.0	0.853238	50.0	467806.0	0.170648	Y
4	STD20 460-864088/6	20.0	4.129954	50.0	474521.0	0.206498	Y
5	STD50 460-864088/7	50.0	10.338698	50.0	481845.0	0.206774	Y
6	STD200 460-864088/8	200.0	40.83139	50.0	503446.0	0.204157	Y
7	STD500 460-864088/9	500.0	102.480952	50.0	538644.0	0.204962	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

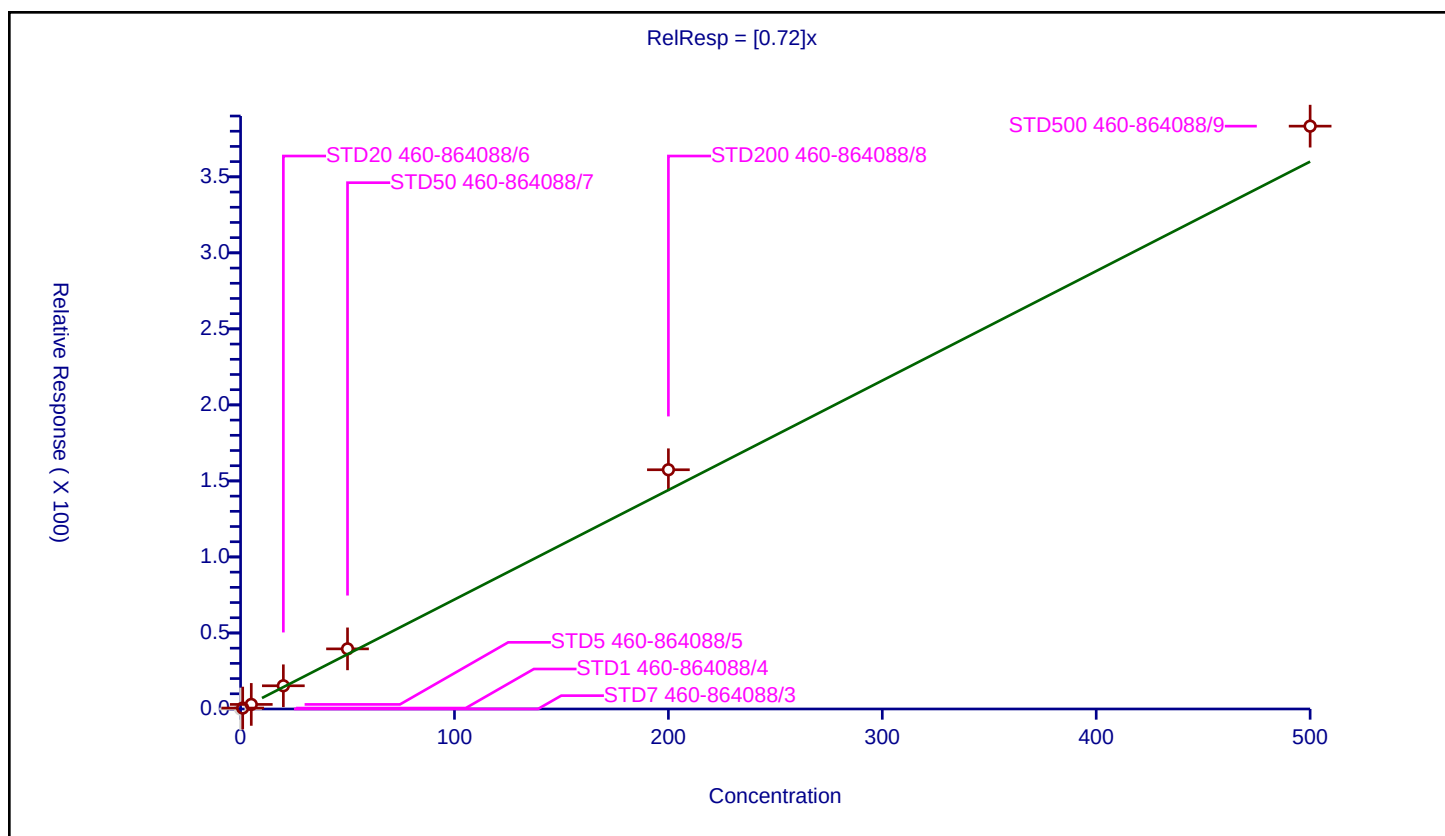
Curve Coefficients

Intercept: 0
 Slope: 0.72

Error Coefficients

Standard Error: 1990000
 Relative Standard Error: 12.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.611628	50.0	468667.0	0.611628	Y
3	STD5 460-864088/5	5.0	3.005306	50.0	467806.0	0.601061	Y
4	STD20 460-864088/6	20.0	15.261179	50.0	474521.0	0.763059	Y
5	STD50 460-864088/7	50.0	39.548921	50.0	481845.0	0.790978	Y
6	STD200 460-864088/8	200.0	157.354811	50.0	503446.0	0.786774	Y
7	STD500 460-864088/9	500.0	383.341131	50.0	538644.0	0.766682	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

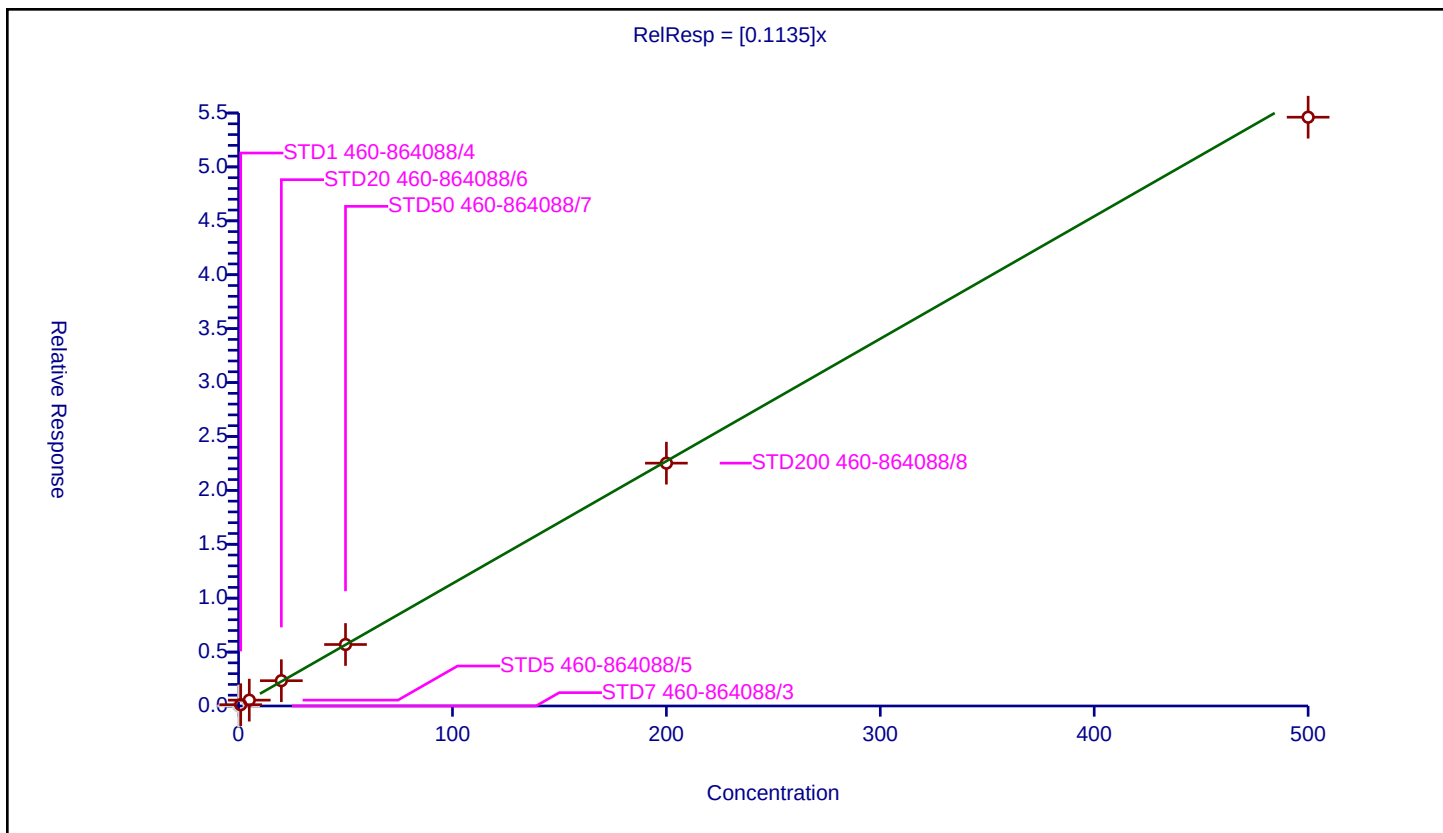
Curve Coefficients

Intercept: 0
 Slope: 0.1135

Error Coefficients

Standard Error: 283000
 Relative Standard Error: 3.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.119701	50.0	468667.0	0.119701	Y
3	STD5 460-864088/5	5.0	0.541678	50.0	467806.0	0.108336	Y
4	STD20 460-864088/6	20.0	2.346682	50.0	474521.0	0.117334	Y
5	STD50 460-864088/7	50.0	5.702145	50.0	481845.0	0.114043	Y
6	STD200 460-864088/8	200.0	22.523667	50.0	503446.0	0.112618	Y
7	STD500 460-864088/9	500.0	54.612137	50.0	538644.0	0.109224	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

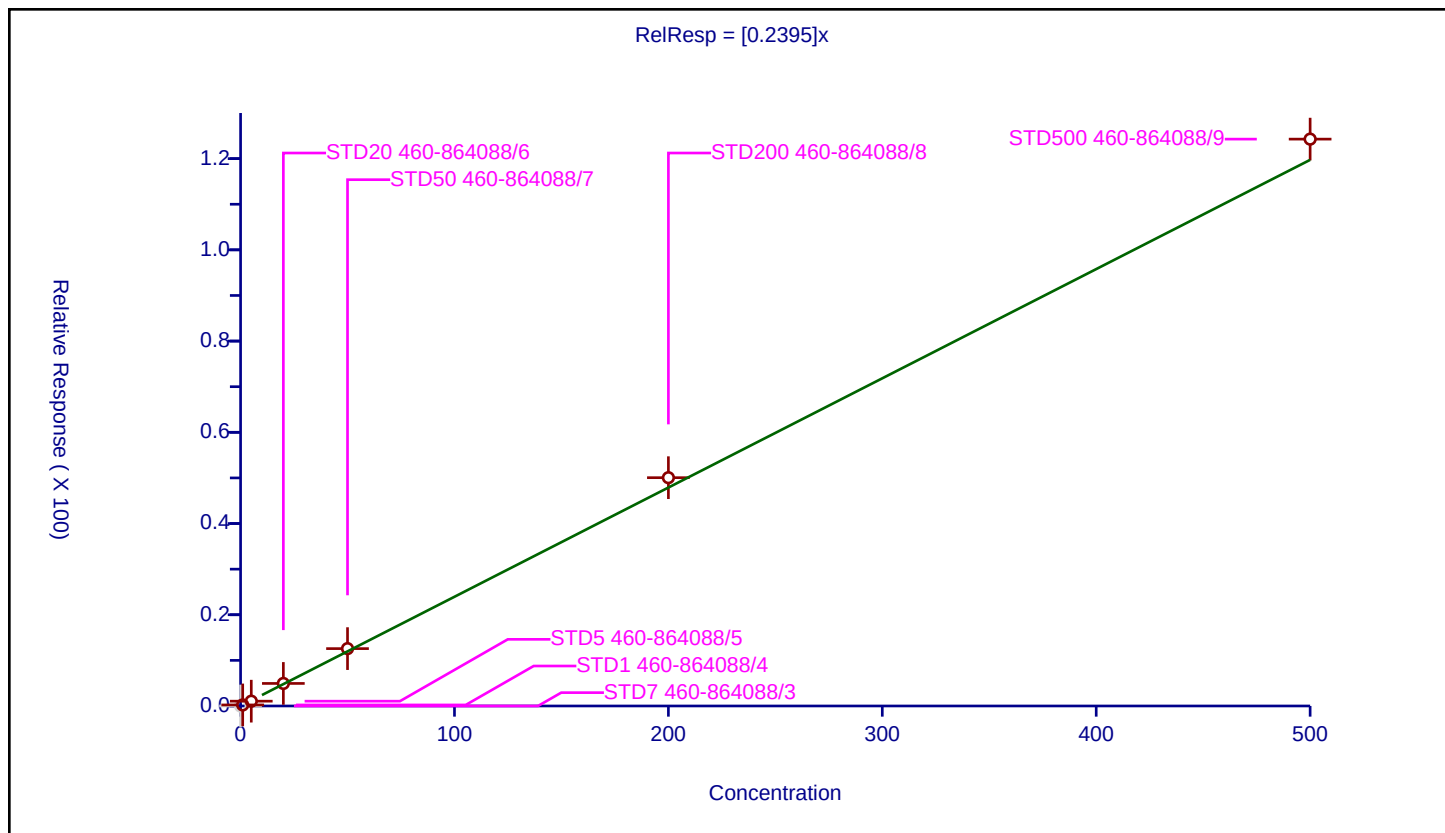
Curve Coefficients

Intercept: 0
 Slope: 0.2395

Error Coefficients

Standard Error: 642000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.228627	50.0	468667.0	0.228627	Y
3	STD5 460-864088/5	5.0	1.053535	50.0	467806.0	0.210707	Y
4	STD20 460-864088/6	20.0	4.941615	50.0	474521.0	0.247081	Y
5	STD50 460-864088/7	50.0	12.575621	50.0	481845.0	0.251512	Y
6	STD200 460-864088/8	200.0	50.050055	50.0	503446.0	0.25025	Y
7	STD500 460-864088/9	500.0	124.27893	50.0	538644.0	0.248558	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

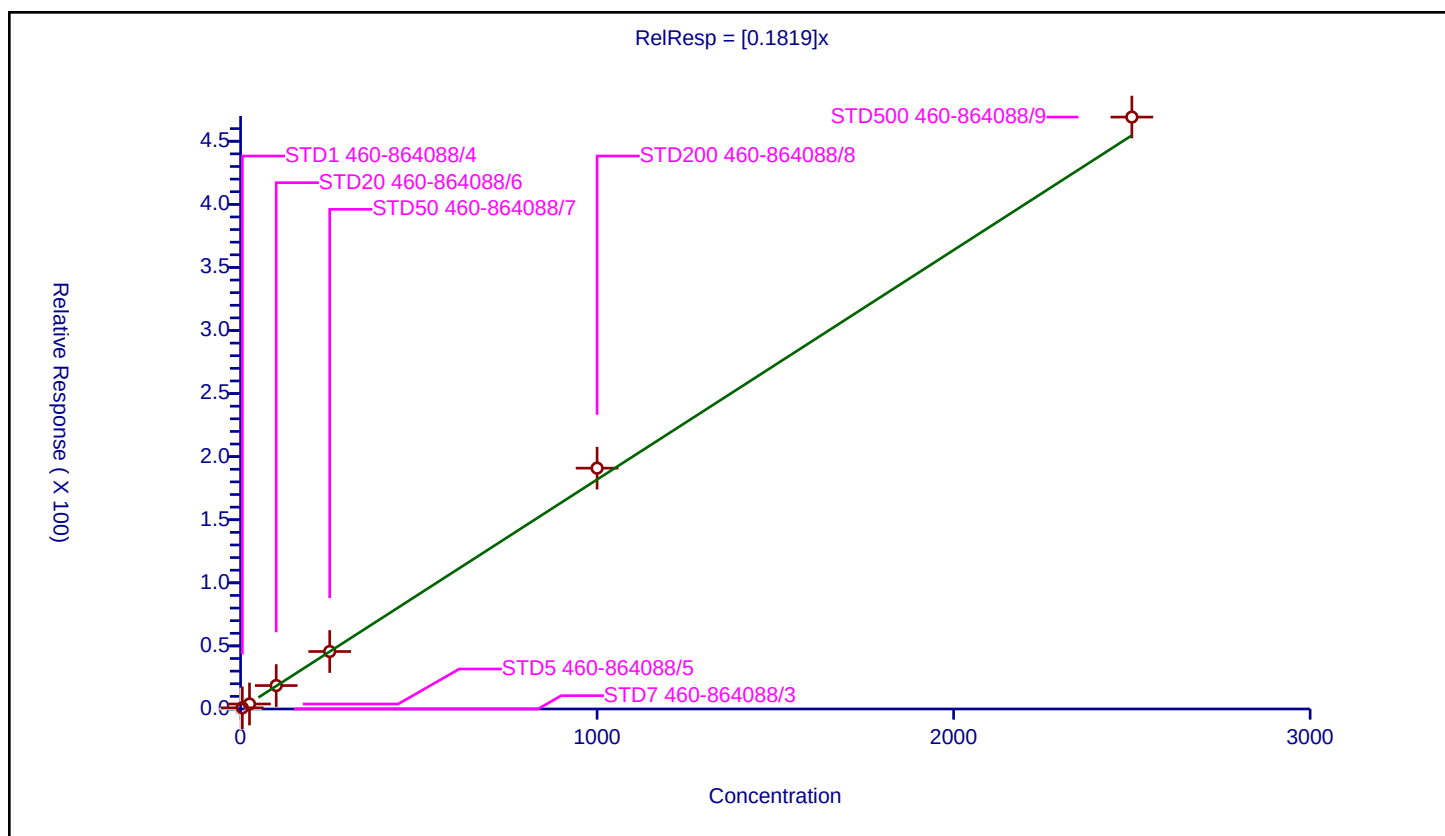
Curve Coefficients

Intercept: 0
 Slope: 0.1819

Error Coefficients

Standard Error: 323000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	5.0	0.9297	250.0	299559.0	0.18594	Y
3	STD5 460-864088/5	25.0	3.968137	250.0	304047.0	0.158725	Y
4	STD20 460-864088/6	100.0	18.569684	250.0	304569.0	0.185697	Y
5	STD50 460-864088/7	250.0	45.55938	250.0	318683.0	0.182238	Y
6	STD200 460-864088/8	1000.0	190.891083	250.0	335199.0	0.190891	Y
7	STD500 460-864088/9	2500.0	469.16424	250.0	358488.0	0.187666	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

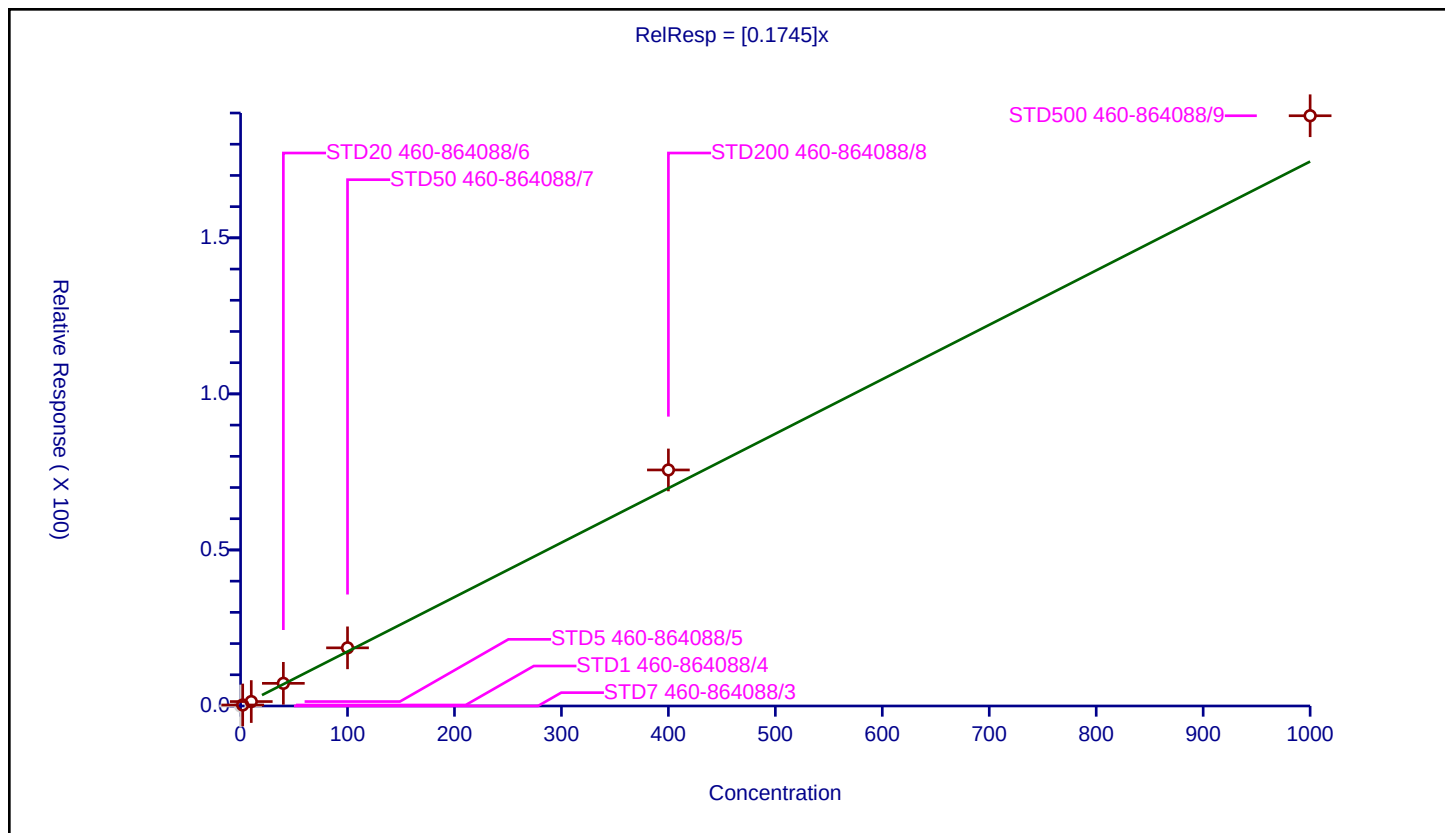
Curve Coefficients

Intercept: 0
 Slope: 0.1745

Error Coefficients

Standard Error: 130000
 Relative Standard Error: 11.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	2.0	0.316298	250.0	299559.0	0.158149	Y
3	STD5 460-864088/5	10.0	1.426589	250.0	304047.0	0.142659	Y
4	STD20 460-864088/6	40.0	7.255335	250.0	304569.0	0.181383	Y
5	STD50 460-864088/7	100.0	18.63529	250.0	318683.0	0.186353	Y
6	STD200 460-864088/8	400.0	75.629701	250.0	335199.0	0.189074	Y
7	STD500 460-864088/9	1000.0	189.12767	250.0	358488.0	0.189128	Y



Calibration

/ Methyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

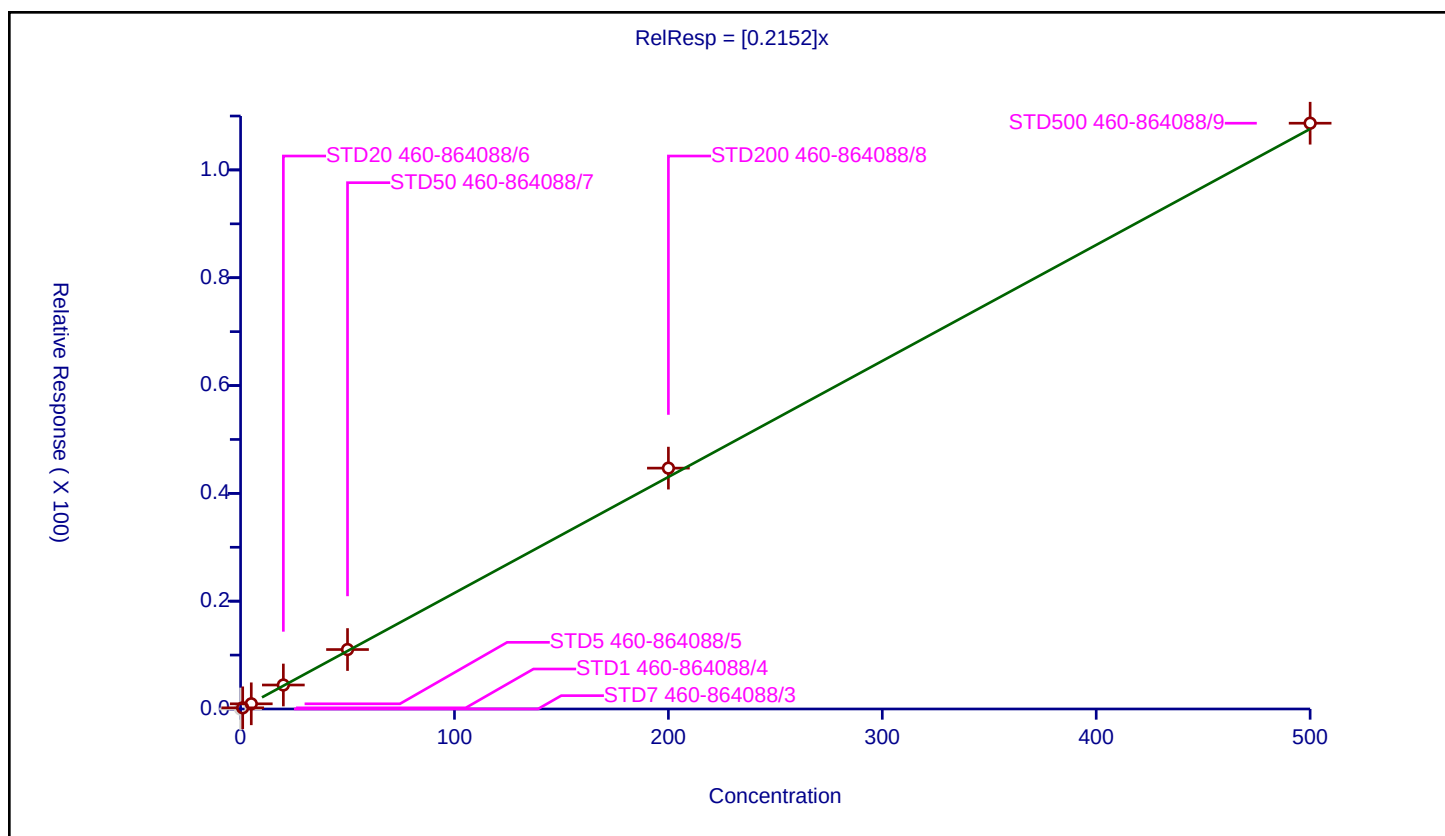
Curve Coefficients

Intercept: 0
 Slope: 0.2152

Error Coefficients

Standard Error: 563000
 Relative Standard Error: 5.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.214865	50.0	468667.0	0.214865	Y
3	STD5 460-864088/5	5.0	0.96322	50.0	467806.0	0.192644	Y
4	STD20 460-864088/6	20.0	4.448275	50.0	474521.0	0.222414	Y
5	STD50 460-864088/7	50.0	11.029169	50.0	481845.0	0.220583	Y
6	STD200 460-864088/8	200.0	44.680065	50.0	503446.0	0.2234	Y
7	STD500 460-864088/9	500.0	108.664071	50.0	538644.0	0.217328	Y



Calibration

/ Propionitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

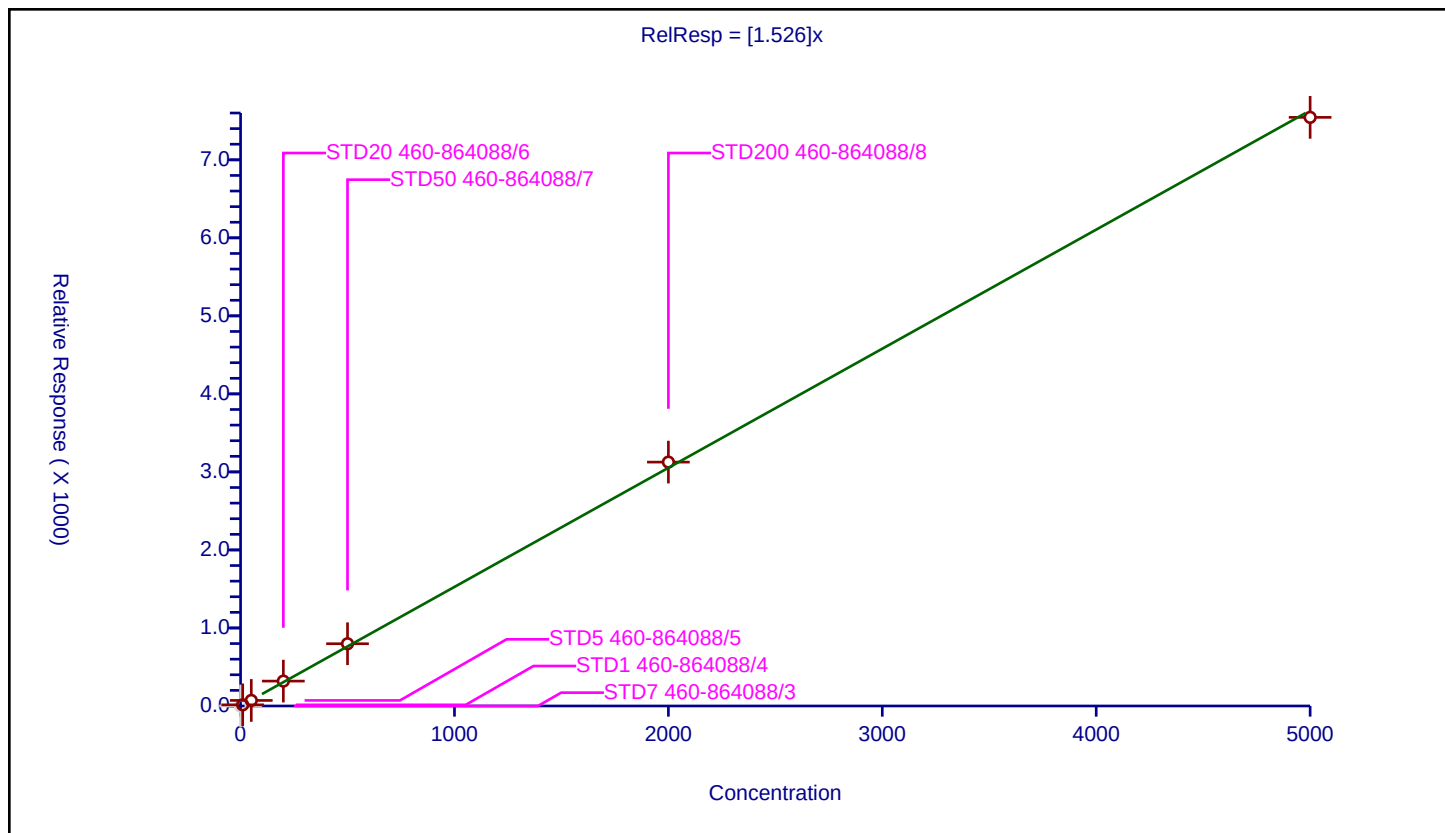
Curve Coefficients

Intercept: 0
 Slope: 1.526

Error Coefficients

Standard Error: 862000
 Relative Standard Error: 4.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	10.0	14.73115	1000.0	193807.0	1.473115	Y
3	STD5 460-864088/5	50.0	71.105372	1000.0	196694.0	1.422107	Y
4	STD20 460-864088/6	200.0	319.168479	1000.0	198143.0	1.595842	Y
5	STD50 460-864088/7	500.0	797.727401	1000.0	213148.0	1.595455	Y
6	STD200 460-864088/8	2000.0	3125.826588	1000.0	221392.0	1.562913	Y
7	STD500 460-864088/9	5000.0	7544.353942	1000.0	238299.0	1.508871	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

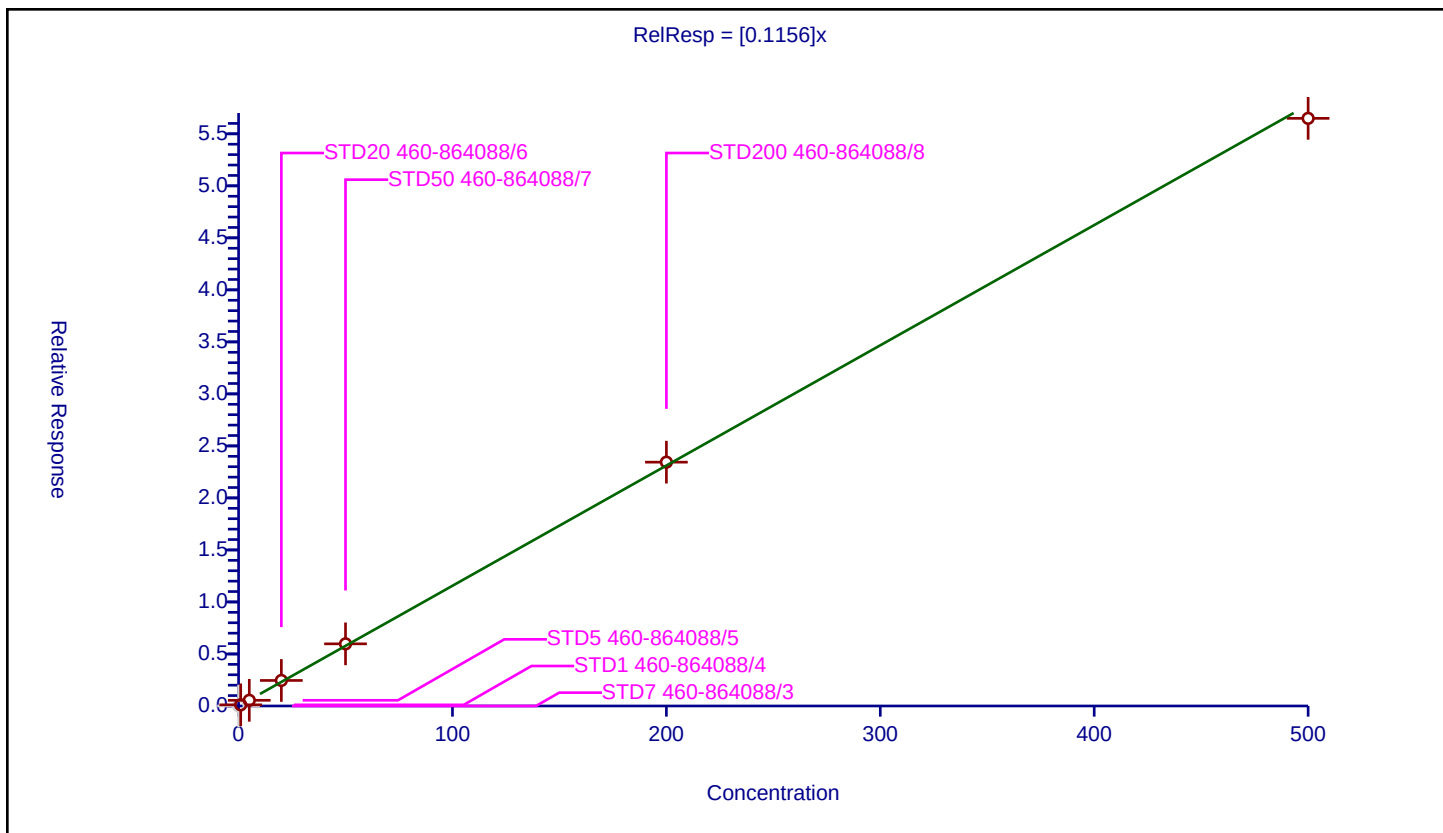
Curve Coefficients

Intercept: 0
 Slope: 0.1156

Error Coefficients

Standard Error: 293000
 Relative Standard Error: 4.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.111806	50.0	468667.0	0.111806	Y
3	STD5 460-864088/5	5.0	0.54606	50.0	467806.0	0.109212	Y
4	STD20 460-864088/6	20.0	2.45437	50.0	474521.0	0.122718	Y
5	STD50 460-864088/7	50.0	5.974847	50.0	481845.0	0.119497	Y
6	STD200 460-864088/8	200.0	23.438363	50.0	503446.0	0.117192	Y
7	STD500 460-864088/9	500.0	56.488051	50.0	538644.0	0.112976	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

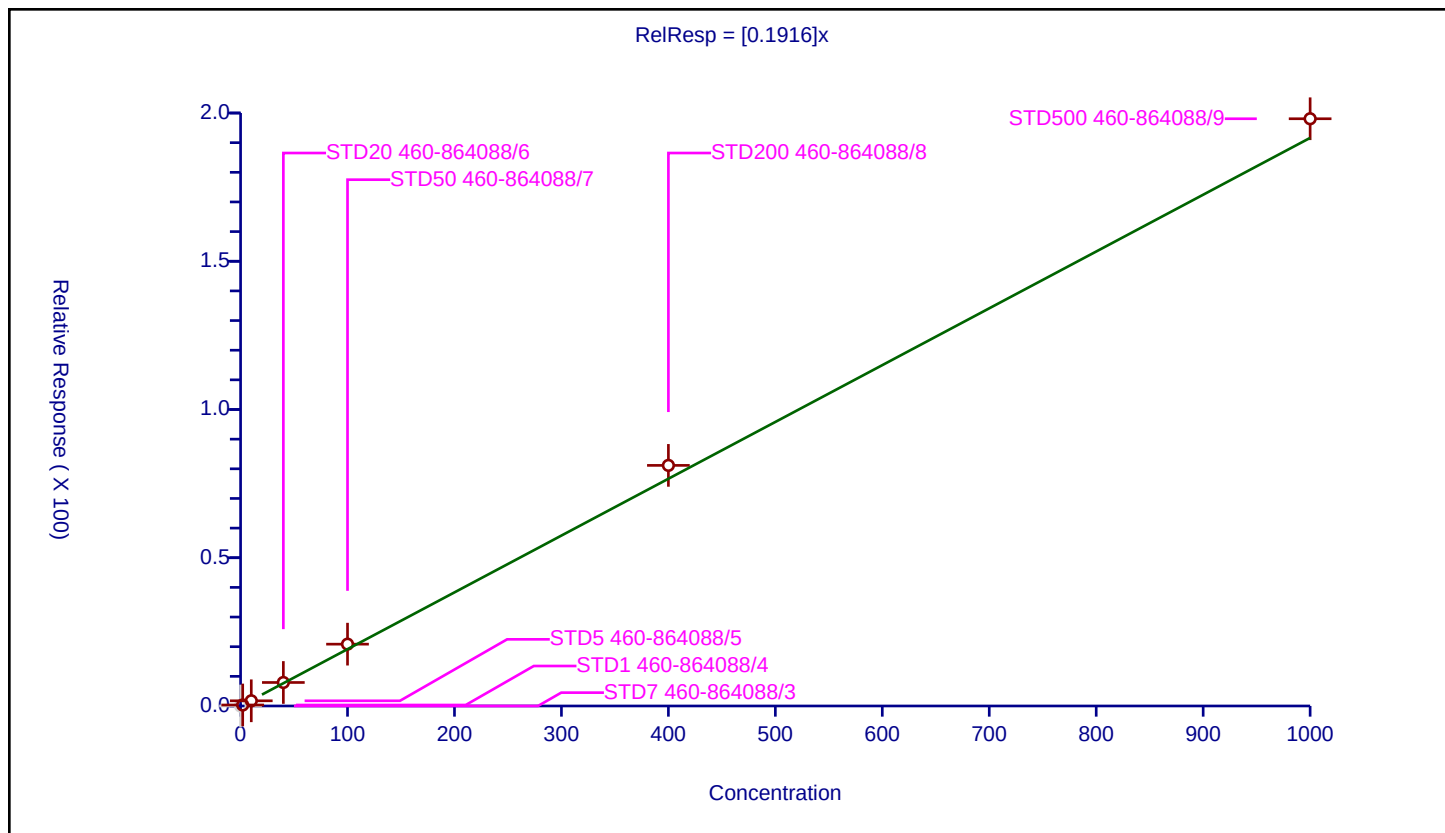
Curve Coefficients

Intercept: 0
 Slope: 0.1916

Error Coefficients

Standard Error: 137000
 Relative Standard Error: 8.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	2.0	0.332989	250.0	299559.0	0.166495	Y
3	STD5 460-864088/5	10.0	1.753841	250.0	304047.0	0.175384	Y
4	STD20 460-864088/6	40.0	7.930059	250.0	304569.0	0.198251	Y
5	STD50 460-864088/7	100.0	20.856933	250.0	318683.0	0.208569	Y
6	STD200 460-864088/8	400.0	81.150302	250.0	335199.0	0.202876	Y
7	STD500 460-864088/9	1000.0	198.065207	250.0	358488.0	0.198065	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

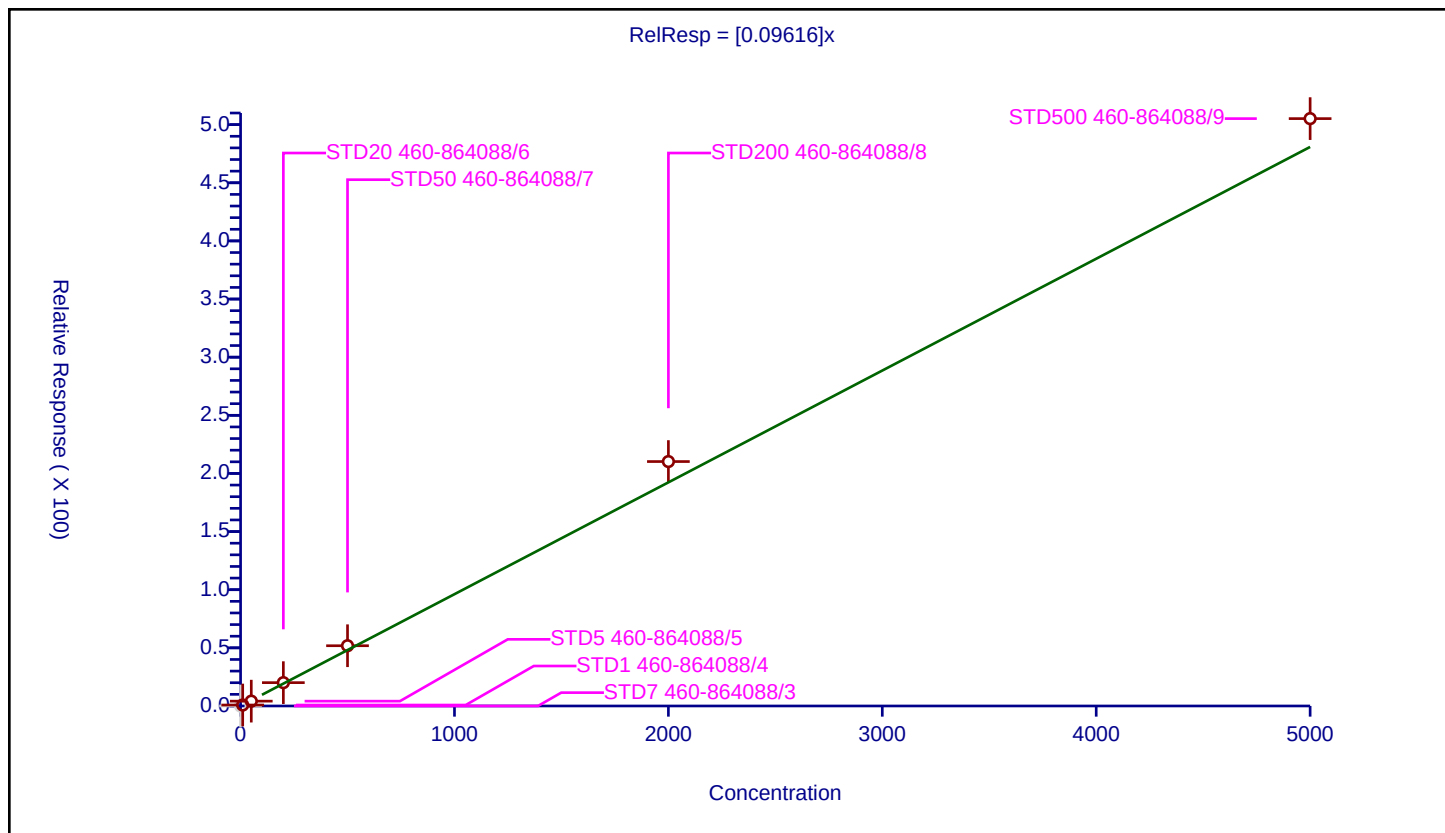
Curve Coefficients

Intercept: 0
 Slope: 0.09616

Error Coefficients

Standard Error: 2620000
 Relative Standard Error: 10.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	10.0	0.837588	50.0	468667.0	0.083759	Y
3	STD5 460-864088/5	50.0	4.152897	50.0	467806.0	0.083058	Y
4	STD20 460-864088/6	200.0	20.076245	50.0	474521.0	0.100381	Y
5	STD50 460-864088/7	500.0	51.811786	50.0	481845.0	0.103624	Y
6	STD200 460-864088/8	2000.0	210.246779	50.0	503446.0	0.105123	Y
7	STD500 460-864088/9	5000.0	505.173454	50.0	538644.0	0.101035	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

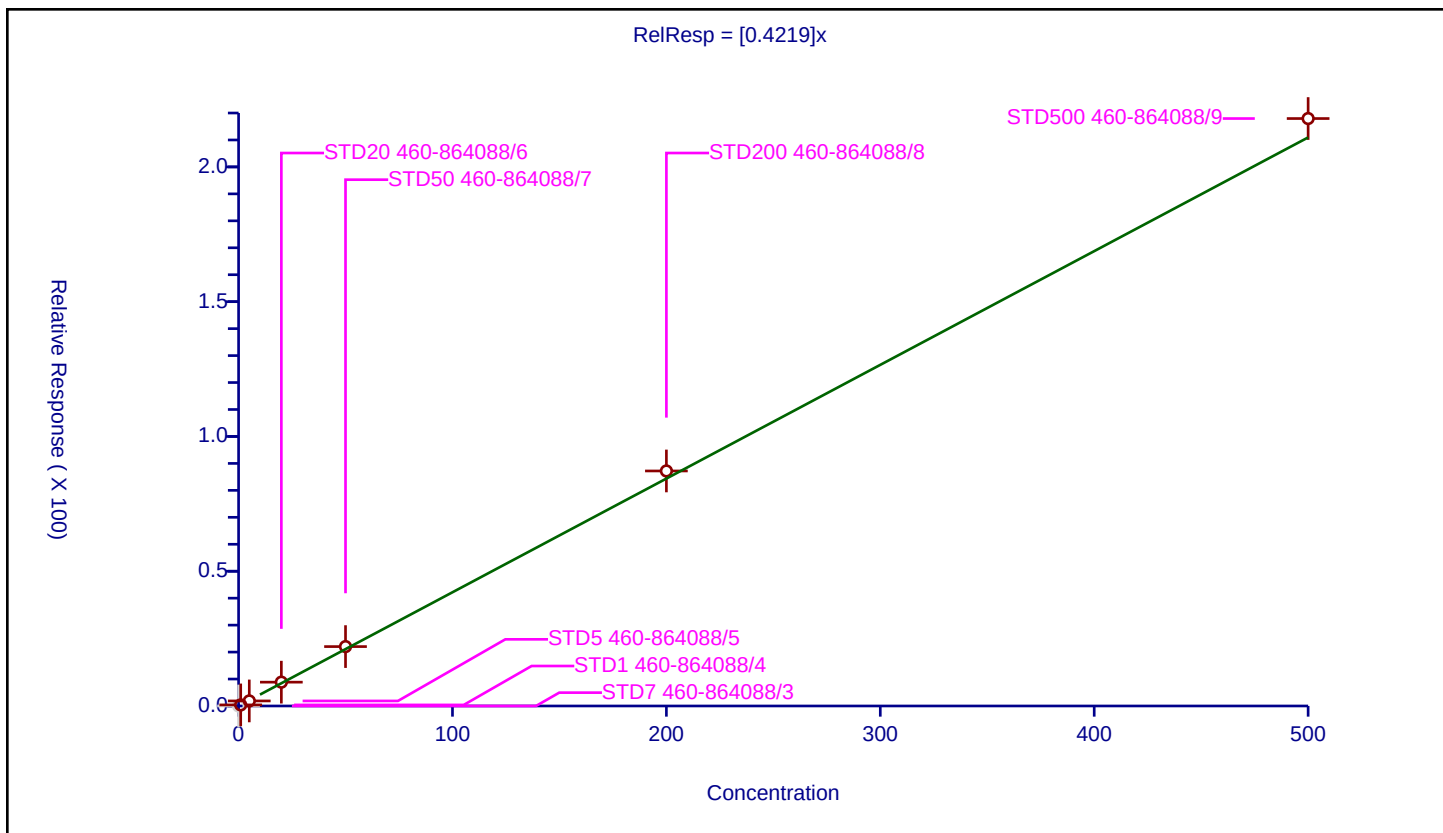
Curve Coefficients

Intercept: 0
 Slope: 0.4219

Error Coefficients

Standard Error: 1130000
 Relative Standard Error: 6.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.401031	50.0	468667.0	0.401031	Y
3	STD5 460-864088/5	5.0	1.879091	50.0	467806.0	0.375818	Y
4	STD20 460-864088/6	20.0	8.836279	50.0	474521.0	0.441814	Y
5	STD50 460-864088/7	50.0	22.035821	50.0	481845.0	0.440716	Y
6	STD200 460-864088/8	200.0	87.200812	50.0	503446.0	0.436004	Y
7	STD500 460-864088/9	500.0	217.955551	50.0	538644.0	0.435911	Y



Calibration

/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

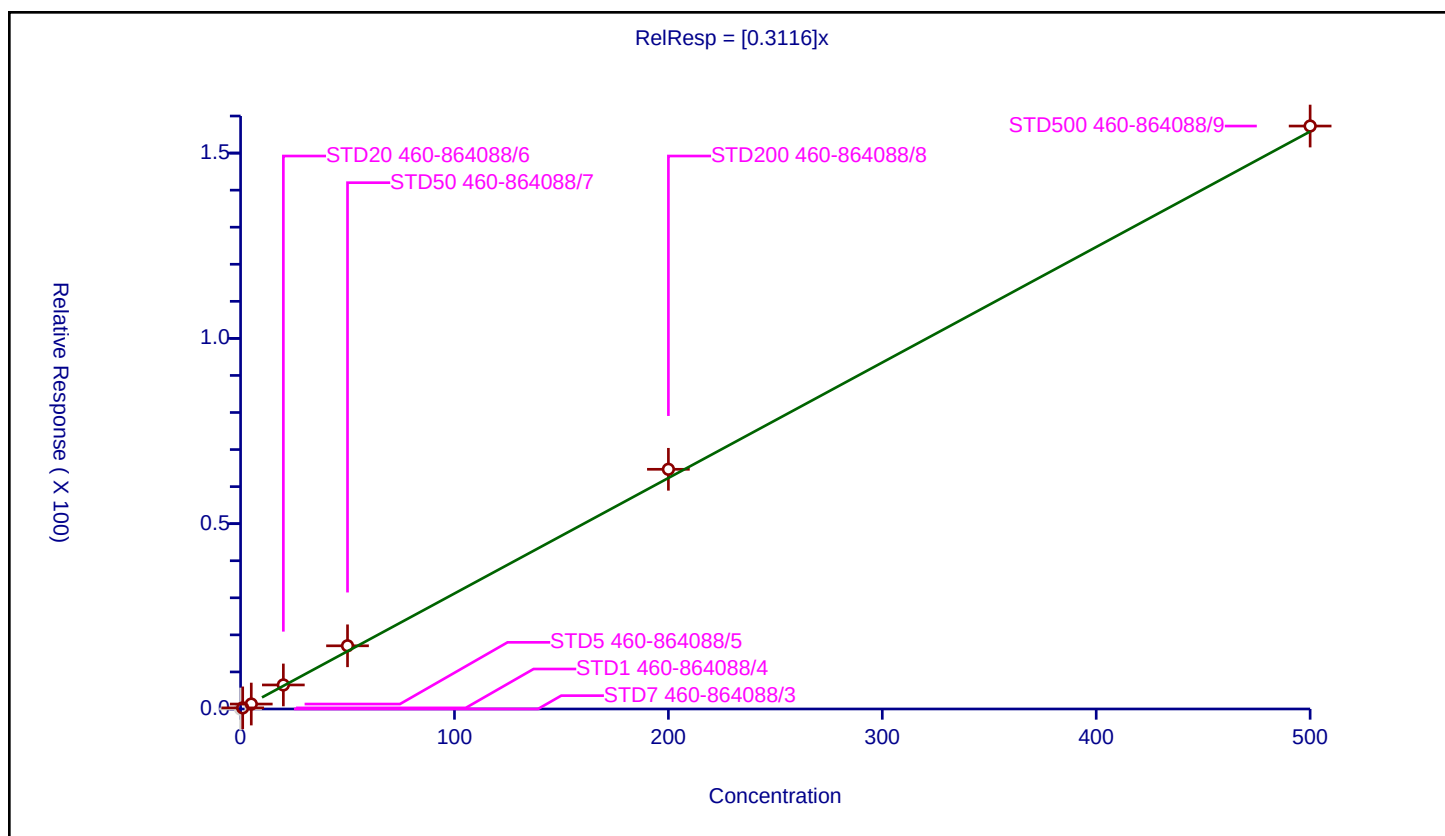
Curve Coefficients

Intercept: 0
 Slope: 0.3116

Error Coefficients

Standard Error: 816000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.299146	50.0	468667.0	0.299146	Y
3	STD5 460-864088/5	5.0	1.336131	50.0	467806.0	0.267226	Y
4	STD20 460-864088/6	20.0	6.488649	50.0	474521.0	0.324432	Y
5	STD50 460-864088/7	50.0	17.052164	50.0	481845.0	0.341043	Y
6	STD200 460-864088/8	200.0	64.678536	50.0	503446.0	0.323393	Y
7	STD500 460-864088/9	500.0	157.293314	50.0	538644.0	0.314587	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

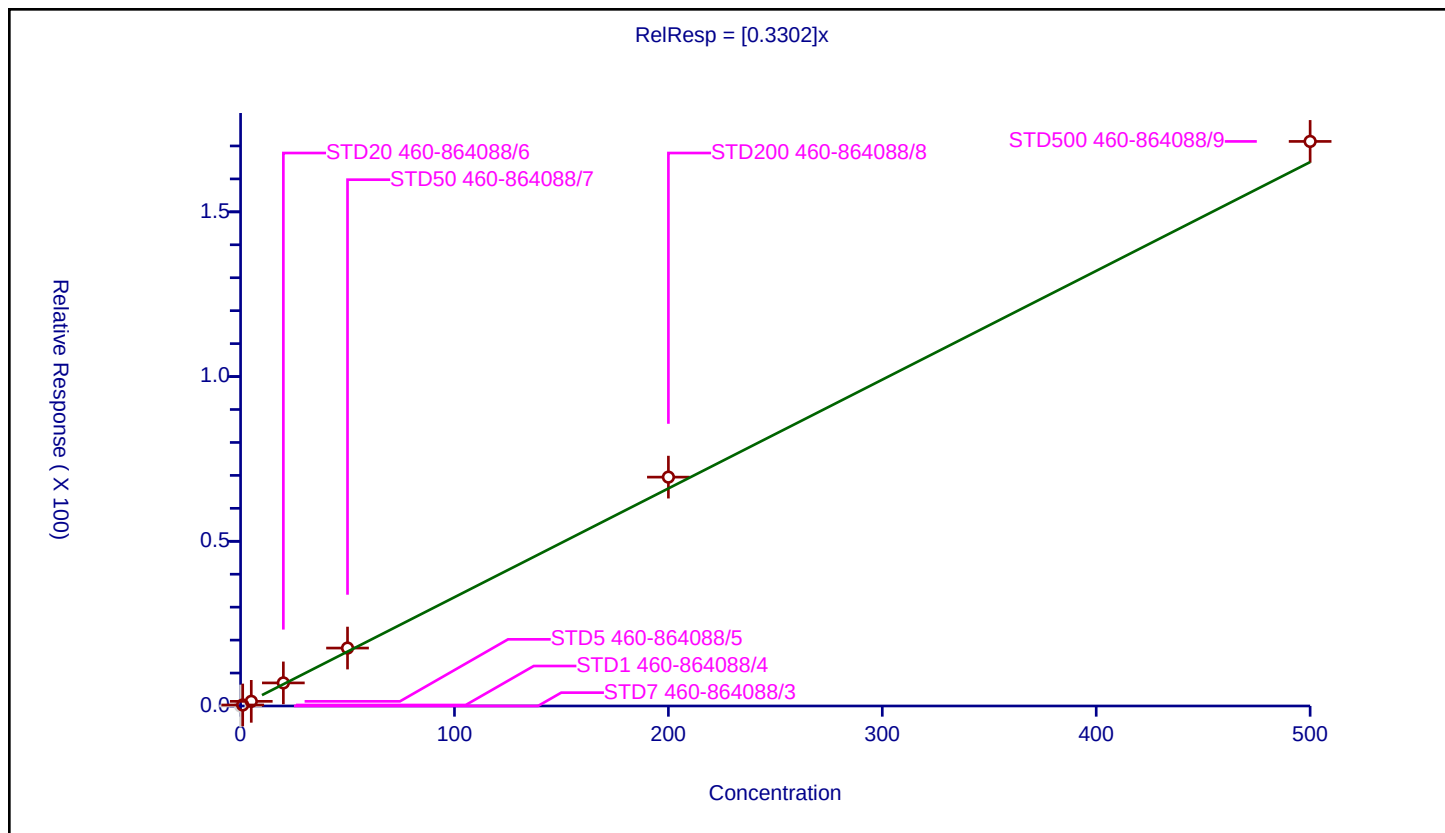
Curve Coefficients

Intercept: 0
 Slope: 0.3302

Error Coefficients

Standard Error: 887000
 Relative Standard Error: 8.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.306081	50.0	468667.0	0.306081	Y
3	STD5 460-864088/5	5.0	1.414689	50.0	467806.0	0.282938	Y
4	STD20 460-864088/6	20.0	7.005486	50.0	474521.0	0.350274	Y
5	STD50 460-864088/7	50.0	17.589889	50.0	481845.0	0.351798	Y
6	STD200 460-864088/8	200.0	69.476071	50.0	503446.0	0.34738	Y
7	STD500 460-864088/9	500.0	171.378777	50.0	538644.0	0.342758	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

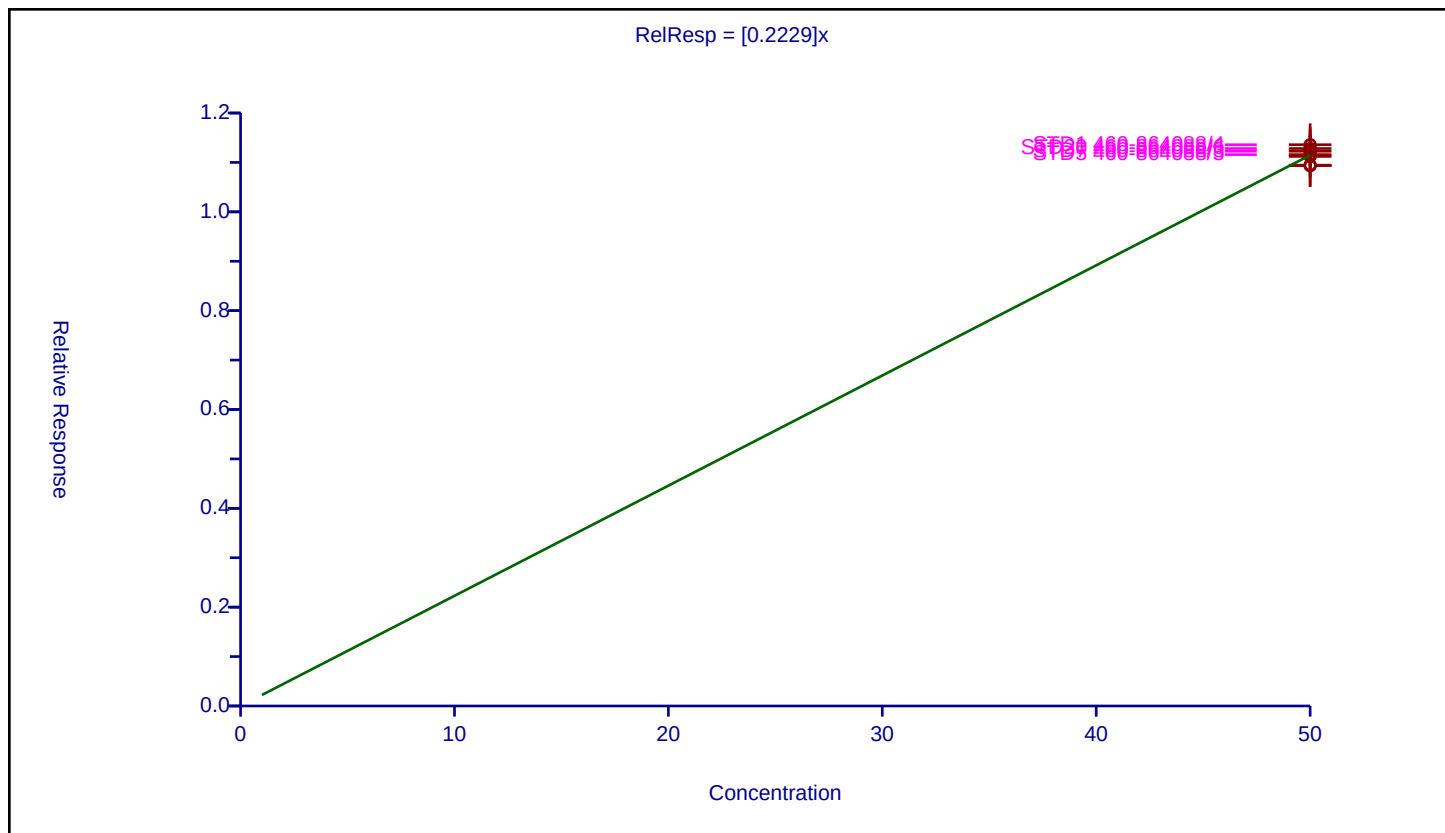
Curve Coefficients

Intercept: 0
Slope: 0.2229

Error Coefficients

Standard Error: 117000
Relative Standard Error: 1.4
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	50.0	11.226588	50.0	476093.0	0.224532	Y
2	STD1 460-864088/4	50.0	11.358385	50.0	468667.0	0.227168	Y
3	STD5 460-864088/5	50.0	11.158365	50.0	467806.0	0.223167	Y
4	STD20 460-864088/6	50.0	11.281692	50.0	474521.0	0.225634	Y
5	STD50 460-864088/7	50.0	10.934118	50.0	481845.0	0.218682	Y
6	STD200 460-864088/8	50.0	10.945166	50.0	503446.0	0.218903	Y
7	STD500 460-864088/9	50.0	11.121539	50.0	538644.0	0.222431	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

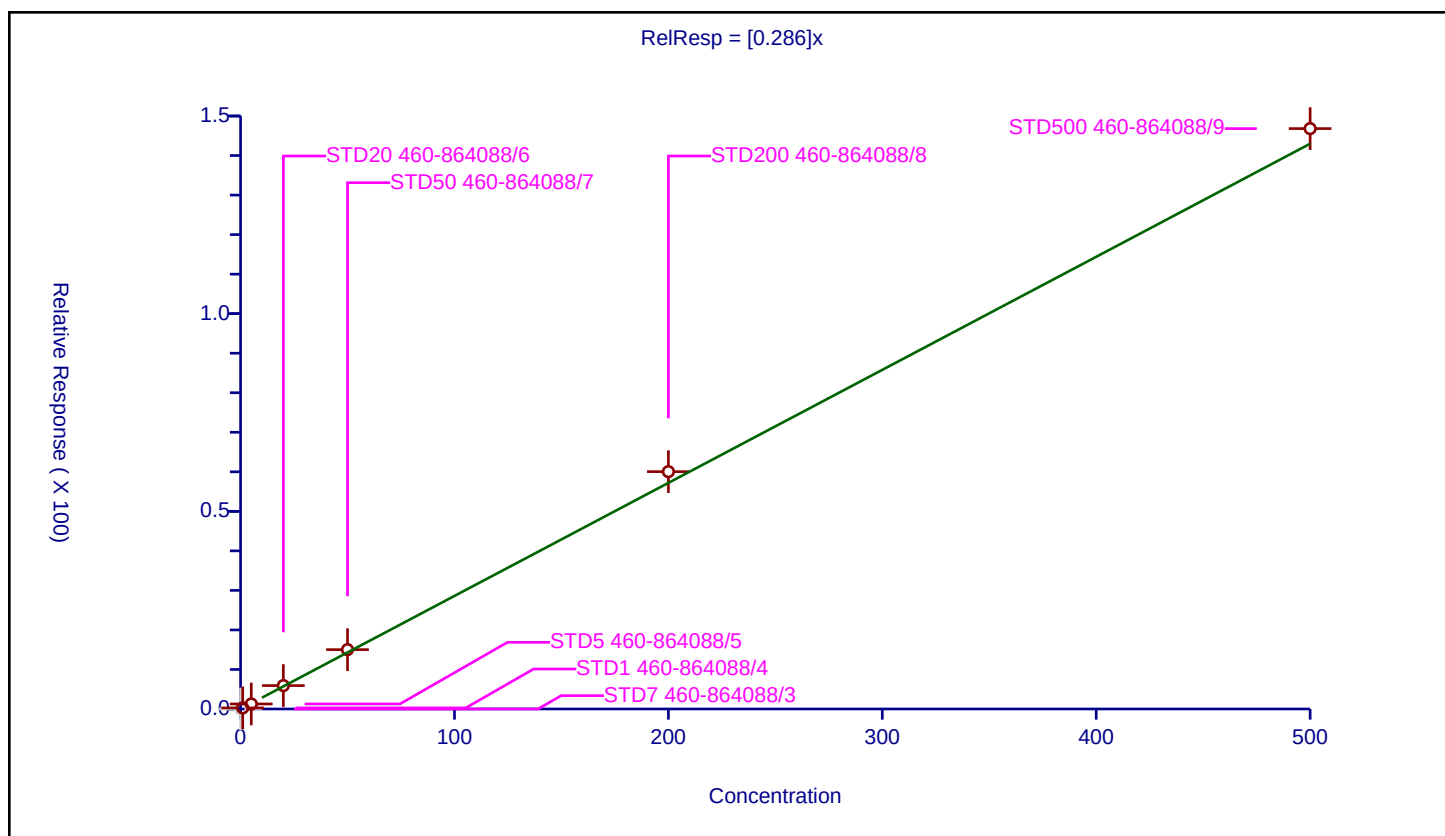
Curve Coefficients

Intercept: 0
 Slope: 0.286

Error Coefficients

Standard Error: 760000
 Relative Standard Error: 6.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.271728	50.0	468667.0	0.271728	Y
3	STD5 460-864088/5	5.0	1.270826	50.0	467806.0	0.254165	Y
4	STD20 460-864088/6	20.0	5.916177	50.0	474521.0	0.295809	Y
5	STD50 460-864088/7	50.0	15.011778	50.0	481845.0	0.300236	Y
6	STD200 460-864088/8	200.0	60.041494	50.0	503446.0	0.300207	Y
7	STD500 460-864088/9	500.0	146.816265	50.0	538644.0	0.293633	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

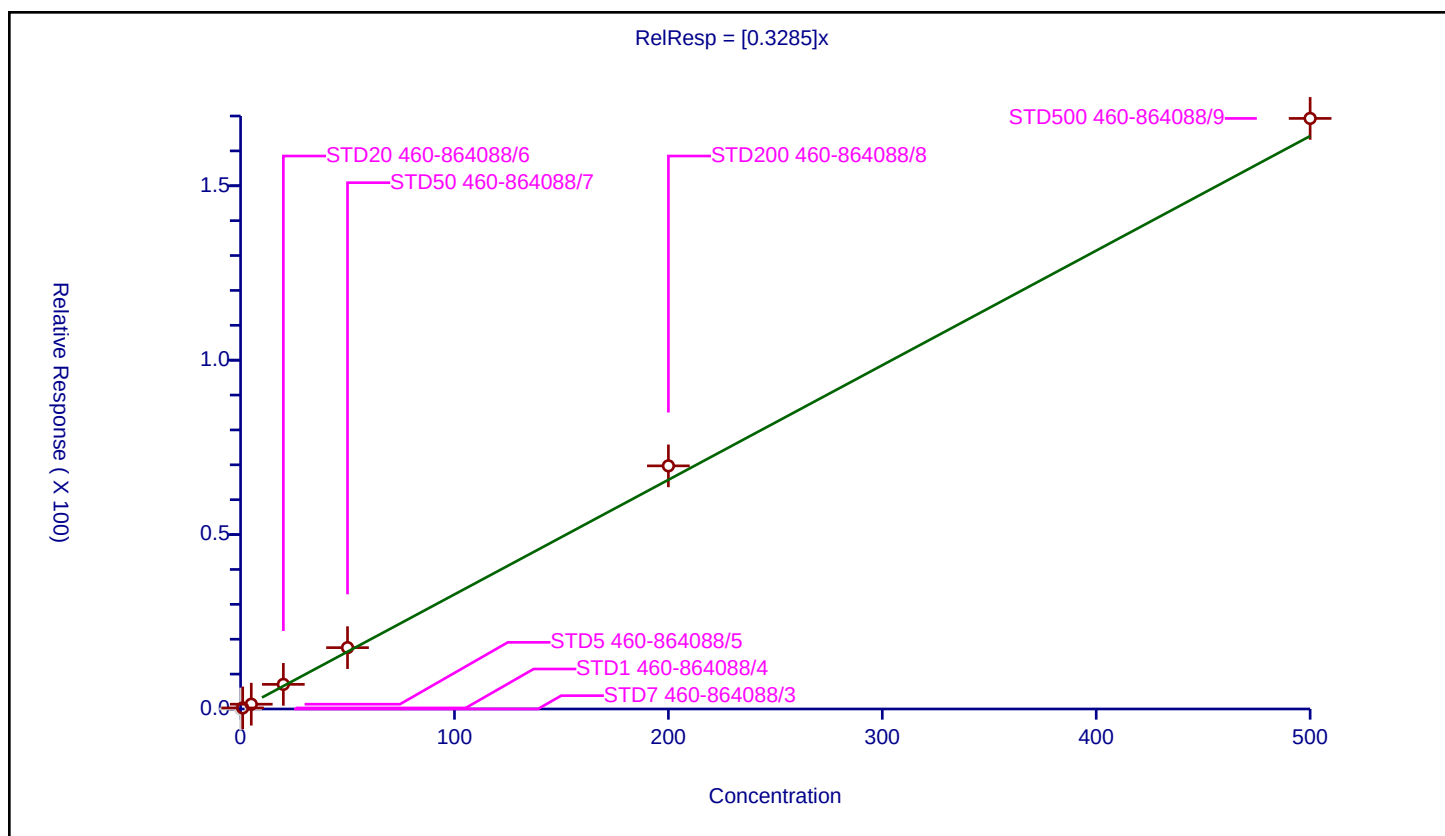
Curve Coefficients

Intercept: 0
 Slope: 0.3285

Error Coefficients

Standard Error: 878000
 Relative Standard Error: 9.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.304801	50.0	468667.0	0.304801	Y
3	STD5 460-864088/5	5.0	1.372578	50.0	467806.0	0.274516	Y
4	STD20 460-864088/6	20.0	7.058592	50.0	474521.0	0.35293	Y
5	STD50 460-864088/7	50.0	17.586465	50.0	481845.0	0.351729	Y
6	STD200 460-864088/8	200.0	69.704497	50.0	503446.0	0.348522	Y
7	STD500 460-864088/9	500.0	169.308579	50.0	538644.0	0.338617	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

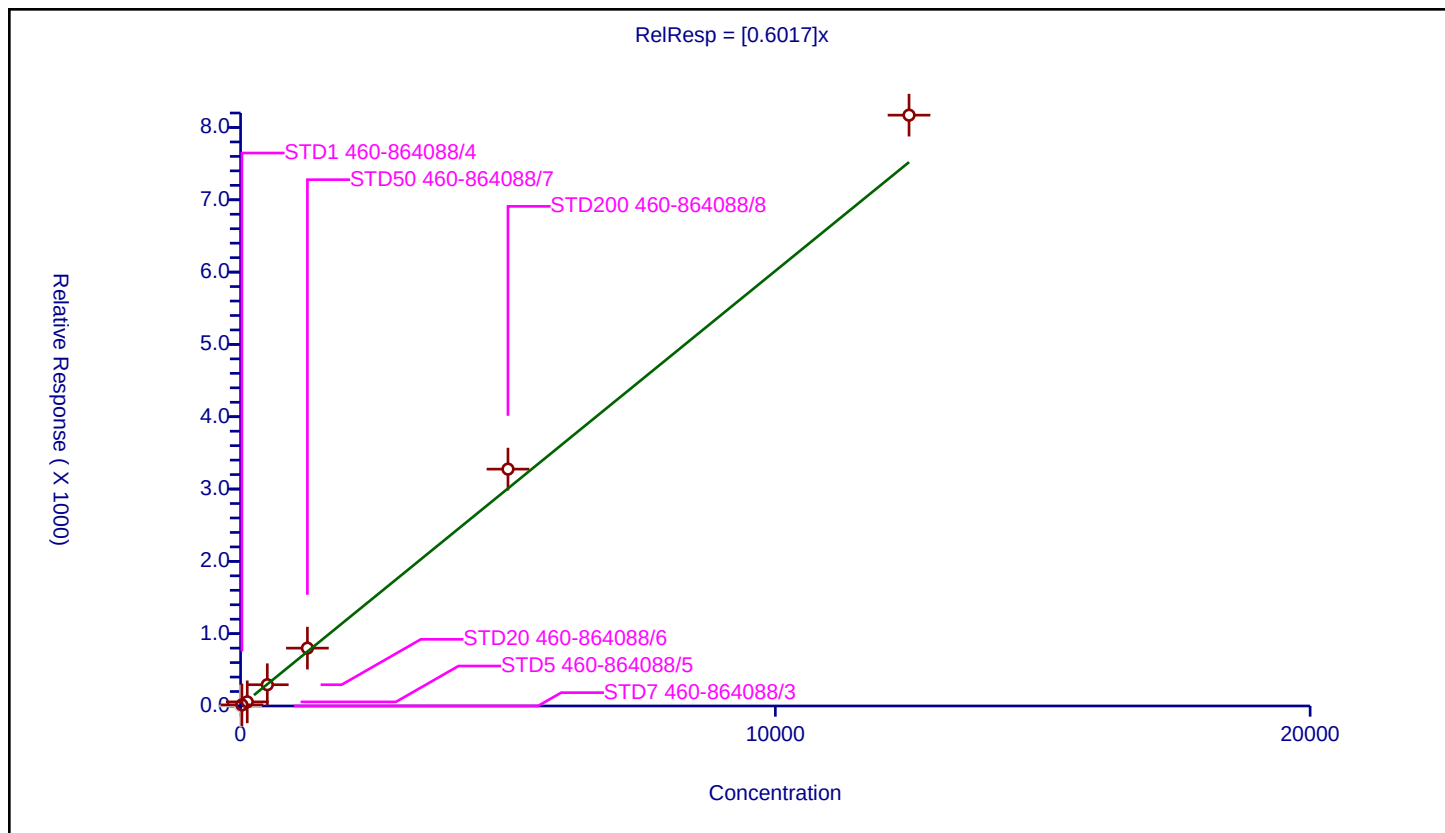
Curve Coefficients

Intercept: 0
 Slope: 0.6017

Error Coefficients

Standard Error: 929000
 Relative Standard Error: 12.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	25.0	15.42256	1000.0	193807.0	0.616902	Y
3	STD5 460-864088/5	125.0	57.053088	1000.0	196694.0	0.456425	Y
4	STD20 460-864088/6	500.0	293.989694	1000.0	198143.0	0.587979	Y
5	STD50 460-864088/7	1250.0	799.8996	1000.0	213148.0	0.63992	Y
6	STD200 460-864088/8	5000.0	3275.58358	1000.0	221392.0	0.655117	Y
7	STD500 460-864088/9	12500.0	8170.533657	1000.0	238299.0	0.653643	Y



Calibration

/ Isooctane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

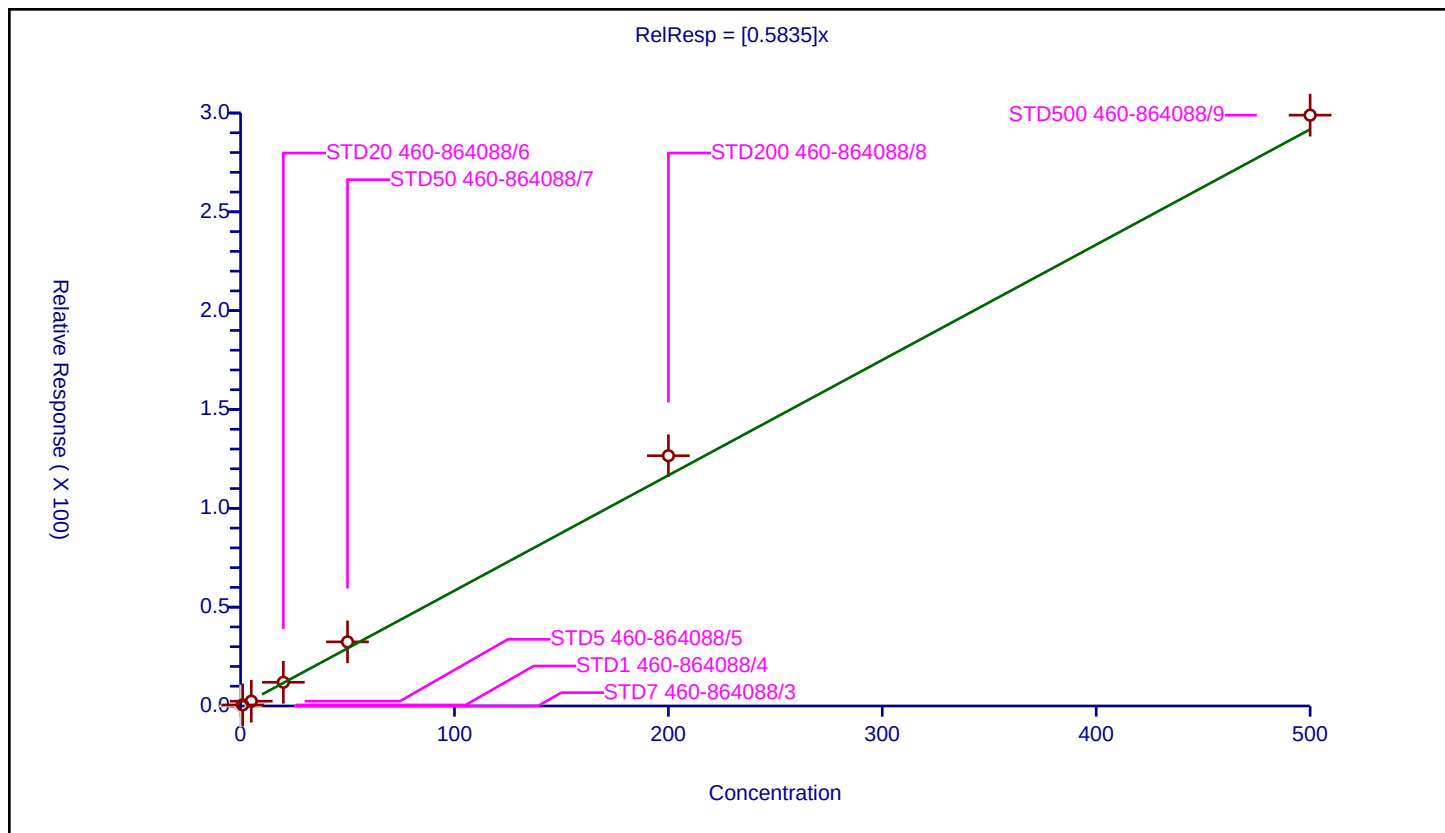
Curve Coefficients

Intercept: 0
 Slope: 0.5835

Error Coefficients

Standard Error: 1560000
 Relative Standard Error: 10.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.535988	50.0	468667.0	0.535988	Y
3	STD5 460-864088/5	5.0	2.426433	50.0	467806.0	0.485287	Y
4	STD20 460-864088/6	20.0	11.997888	50.0	474521.0	0.599894	Y
5	STD50 460-864088/7	50.0	32.436883	50.0	481845.0	0.648738	Y
6	STD200 460-864088/8	200.0	126.605932	50.0	503446.0	0.63303	Y
7	STD500 460-864088/9	500.0	298.914961	50.0	538644.0	0.59783	Y



Calibration

/ Benzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

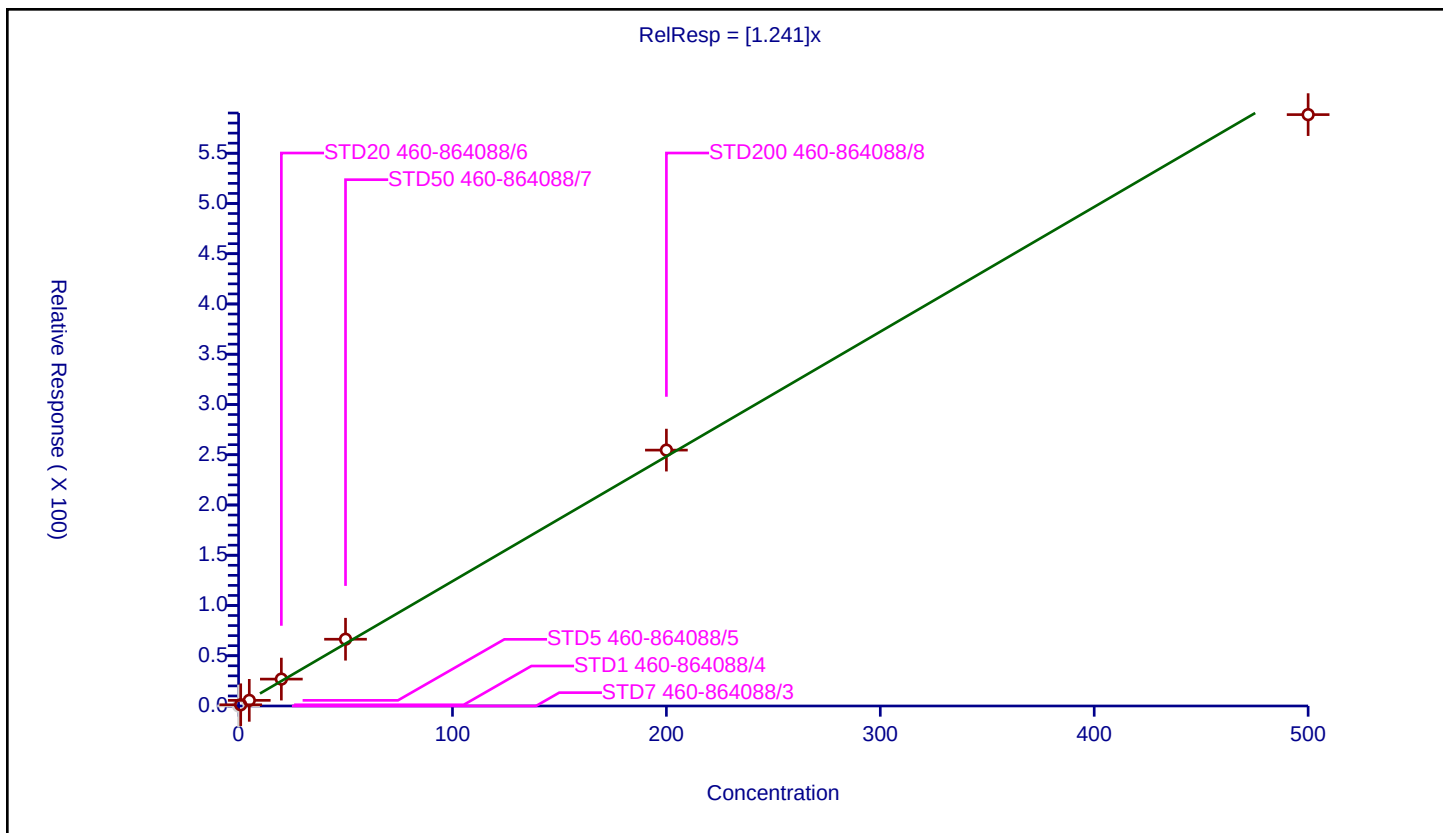
Curve Coefficients

Intercept: 0
 Slope: 1.241

Error Coefficients

Standard Error: 2450000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	1.209574	50.0	346899.0	1.209574	Y
3	STD5 460-864088/5	5.0	5.614109	50.0	345647.0	1.122822	Y
4	STD20 460-864088/6	20.0	26.75696	50.0	358389.0	1.337848	Y
5	STD50 460-864088/7	50.0	66.419936	50.0	362946.0	1.328399	Y
6	STD200 460-864088/8	200.0	254.597303	50.0	385389.0	1.272987	Y
7	STD500 460-864088/9	500.0	588.395928	50.0	432094.0	1.176792	Y



Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

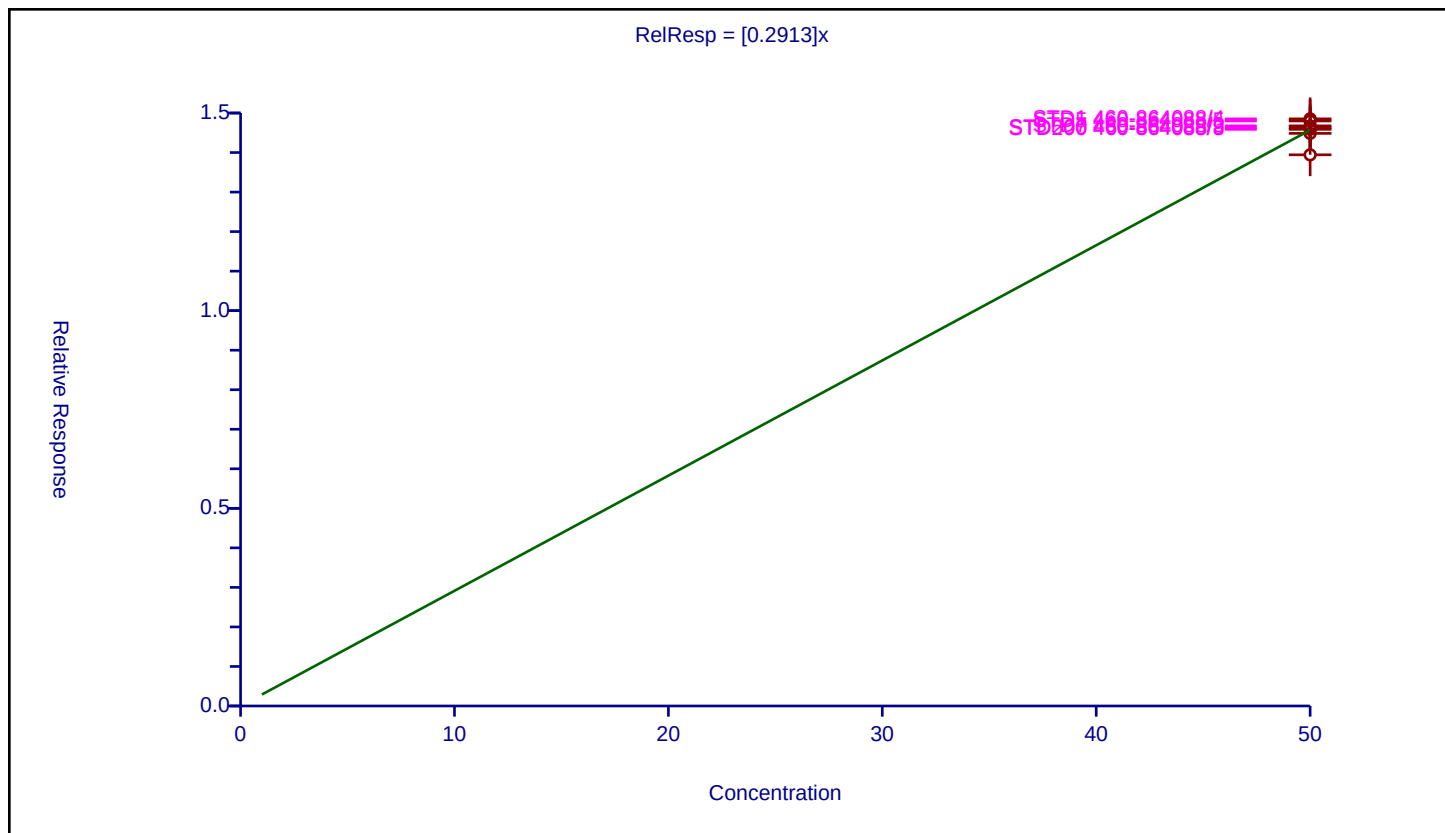
Curve Coefficients

Intercept: 0
 Slope: 0.2913

Error Coefficients

Standard Error: 154000
 Relative Standard Error: 2.1
 Correlation Coefficient: 0
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	50.0	14.675179	50.0	476093.0	0.293504	Y
2	STD1 460-864088/4	50.0	14.852123	50.0	468667.0	0.297042	Y
3	STD5 460-864088/5	50.0	14.799083	50.0	467806.0	0.295982	Y
4	STD20 460-864088/6	50.0	14.484712	50.0	474521.0	0.289694	Y
5	STD50 460-864088/7	50.0	13.943177	50.0	481845.0	0.278864	Y
6	STD200 460-864088/8	50.0	14.587066	50.0	503446.0	0.291741	Y
7	STD500 460-864088/9	50.0	14.629793	50.0	538644.0	0.292596	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

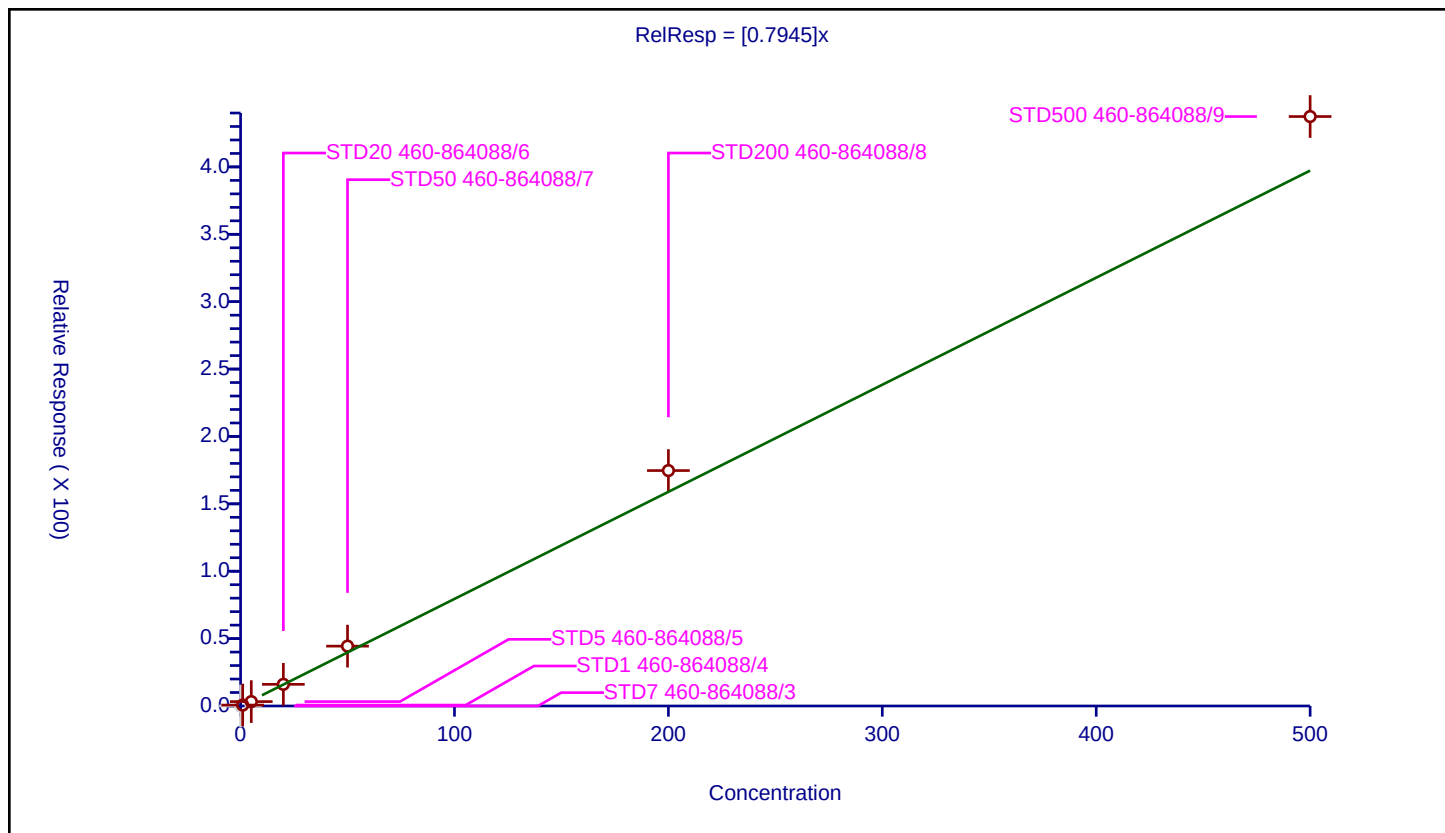
Curve Coefficients

Intercept: 0
 Slope: 0.7945

Error Coefficients

Standard Error: 2260000
 Relative Standard Error: 13.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.6766	50.0	468667.0	0.6766	Y
3	STD5 460-864088/5	5.0	3.253699	50.0	467806.0	0.65074	Y
4	STD20 460-864088/6	20.0	16.070206	50.0	474521.0	0.80351	Y
5	STD50 460-864088/7	50.0	44.408057	50.0	481845.0	0.888161	Y
6	STD200 460-864088/8	200.0	174.684773	50.0	503446.0	0.873424	Y
7	STD500 460-864088/9	500.0	437.387681	50.0	538644.0	0.874775	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

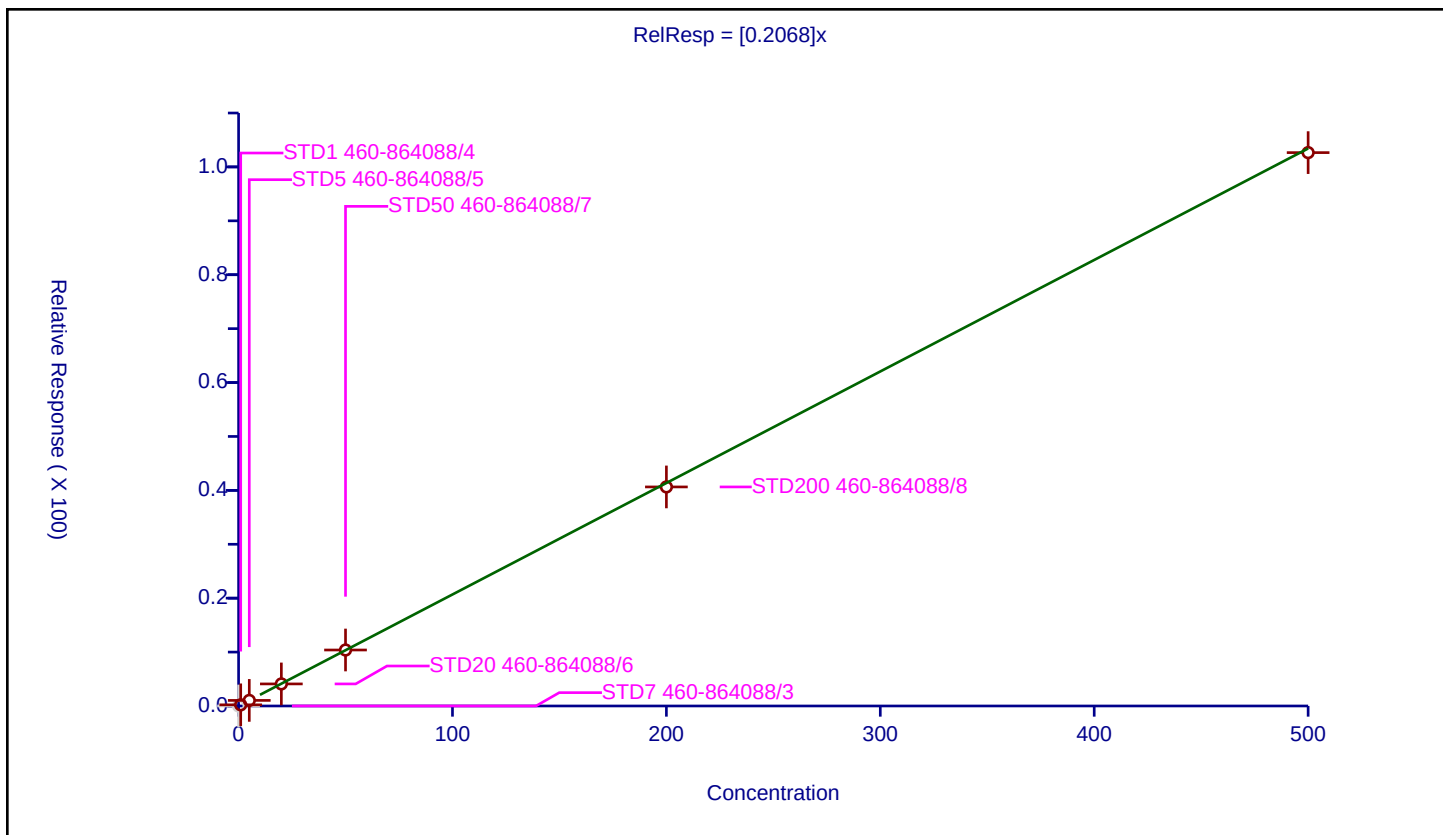
Curve Coefficients

Intercept: 0
 Slope: 0.2068

Error Coefficients

Standard Error: 529000
 Relative Standard Error: 1.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.213264	50.0	468667.0	0.213264	Y
3	STD5 460-864088/5	5.0	1.034617	50.0	467806.0	0.206923	Y
4	STD20 460-864088/6	20.0	4.093918	50.0	474521.0	0.204696	Y
5	STD50 460-864088/7	50.0	10.384979	50.0	481845.0	0.2077	Y
6	STD200 460-864088/8	200.0	40.636136	50.0	503446.0	0.203181	Y
7	STD500 460-864088/9	500.0	102.65268	50.0	538644.0	0.205305	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

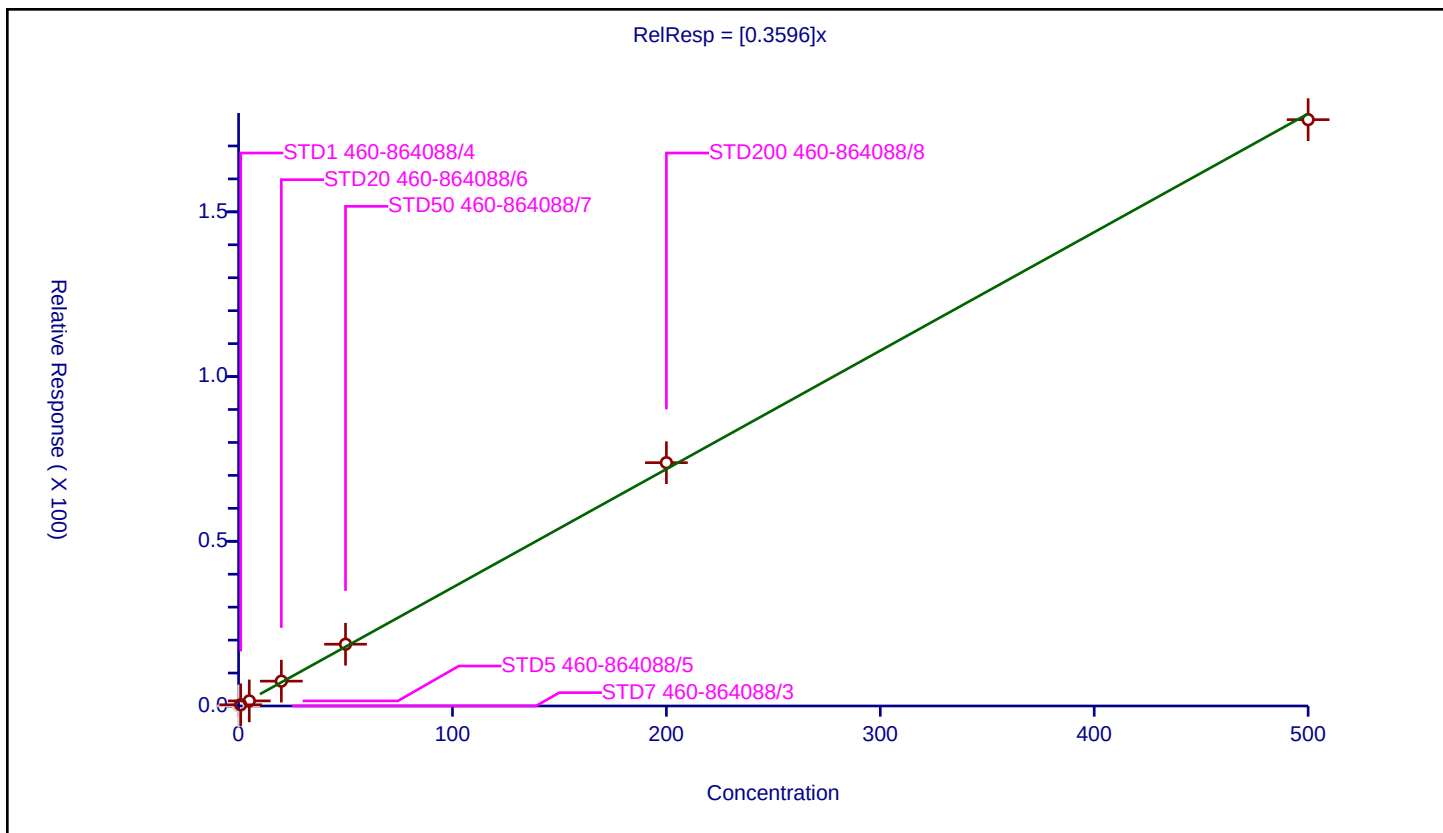
Curve Coefficients

Intercept: 0
 Slope: 0.3596

Error Coefficients

Standard Error: 924000
 Relative Standard Error: 7.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.370839	50.0	468667.0	0.370839	Y
3	STD5 460-864088/5	5.0	1.546474	50.0	467806.0	0.309295	Y
4	STD20 460-864088/6	20.0	7.539182	50.0	474521.0	0.376959	Y
5	STD50 460-864088/7	50.0	18.751362	50.0	481845.0	0.375027	Y
6	STD200 460-864088/8	200.0	73.857474	50.0	503446.0	0.369287	Y
7	STD500 460-864088/9	500.0	177.984717	50.0	538644.0	0.355969	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

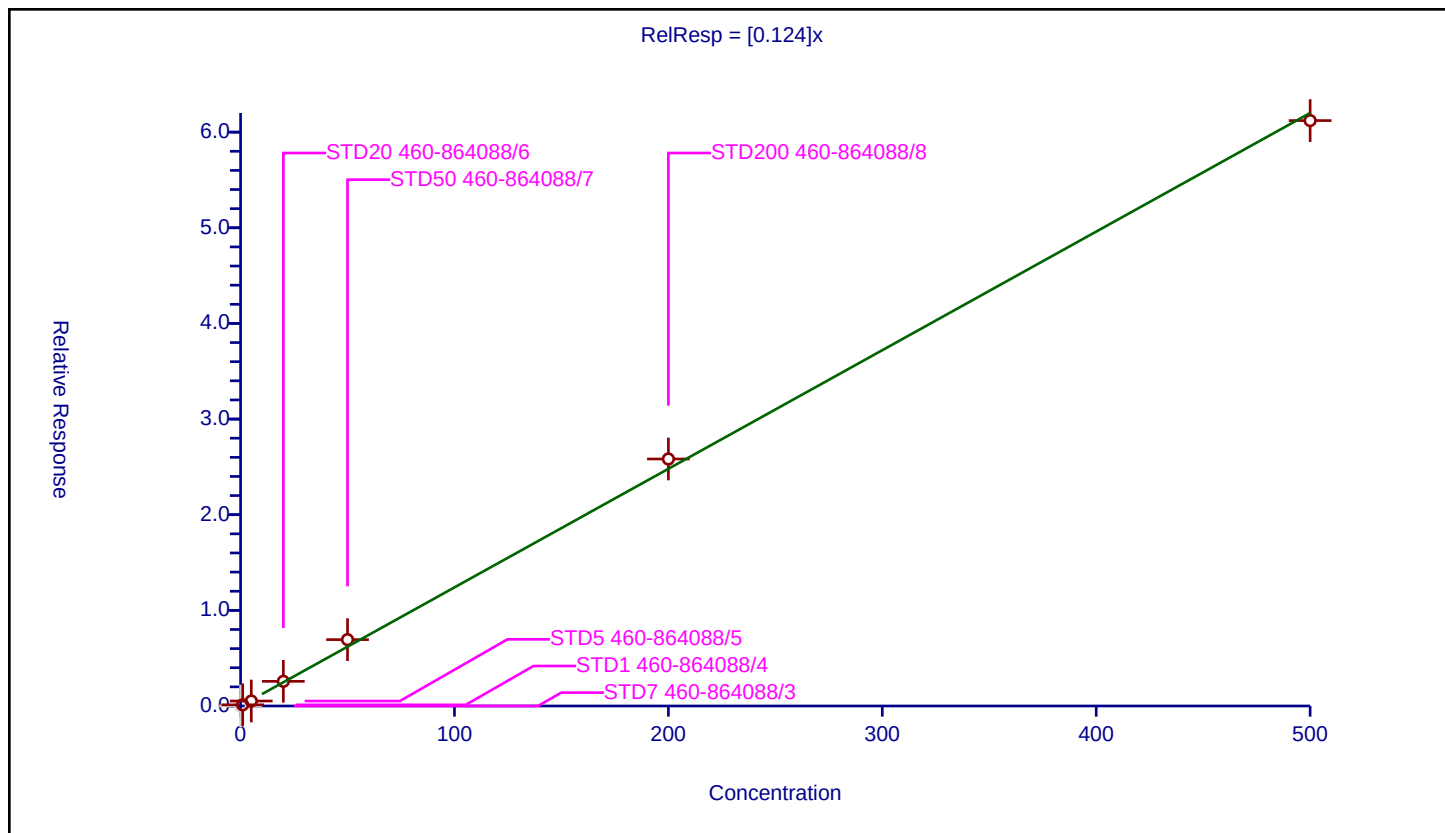
Curve Coefficients

Intercept: 0
 Slope: 0.124

Error Coefficients

Standard Error: 319000
 Relative Standard Error: 9.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.120661	50.0	468667.0	0.120661	Y
3	STD5 460-864088/5	5.0	0.520301	50.0	467806.0	0.10406	Y
4	STD20 460-864088/6	20.0	2.578811	50.0	474521.0	0.128941	Y
5	STD50 460-864088/7	50.0	6.939472	50.0	481845.0	0.138789	Y
6	STD200 460-864088/8	200.0	25.826802	50.0	503446.0	0.129134	Y
7	STD500 460-864088/9	500.0	61.209073	50.0	538644.0	0.122418	Y



Calibration

/ n-Butanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

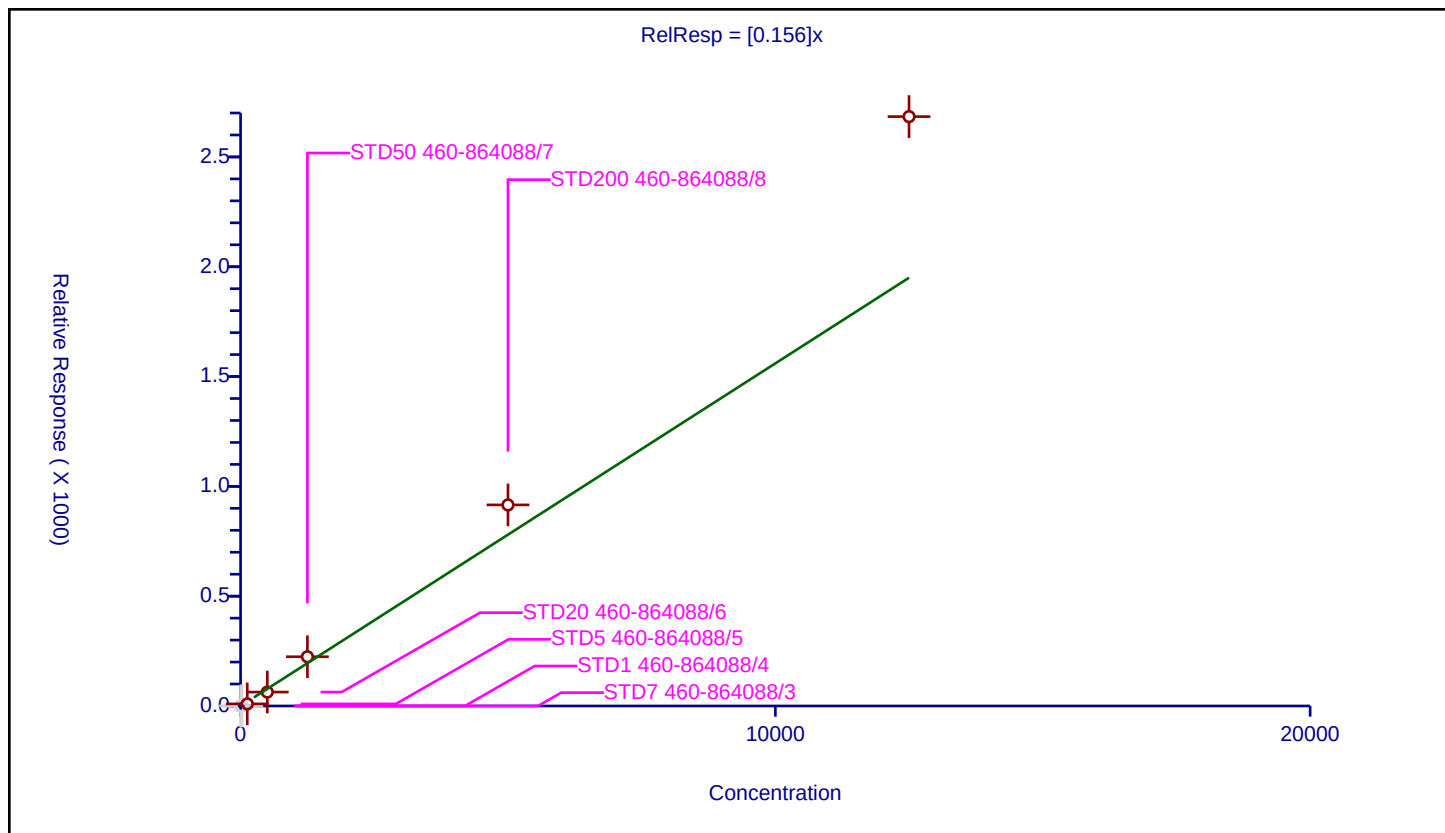
Curve Coefficients

Intercept: 0
 Slope: 0.156

Error Coefficients

Standard Error: 335000
 Relative Standard Error: 35.0
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.898

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	25.0	0.0	1000.0	193807.0	0.0	N
3	STD5 460-864088/5	125.0	9.522405	1000.0	196694.0	0.076179	Y
4	STD20 460-864088/6	500.0	63.333047	1000.0	198143.0	0.126666	Y
5	STD50 460-864088/7	1250.0	224.182258	1000.0	213148.0	0.179346	Y
6	STD200 460-864088/8	5000.0	915.520886	1000.0	221392.0	0.183104	Y
7	STD500 460-864088/9	12500.0	2683.611765	1000.0	238299.0	0.214689	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

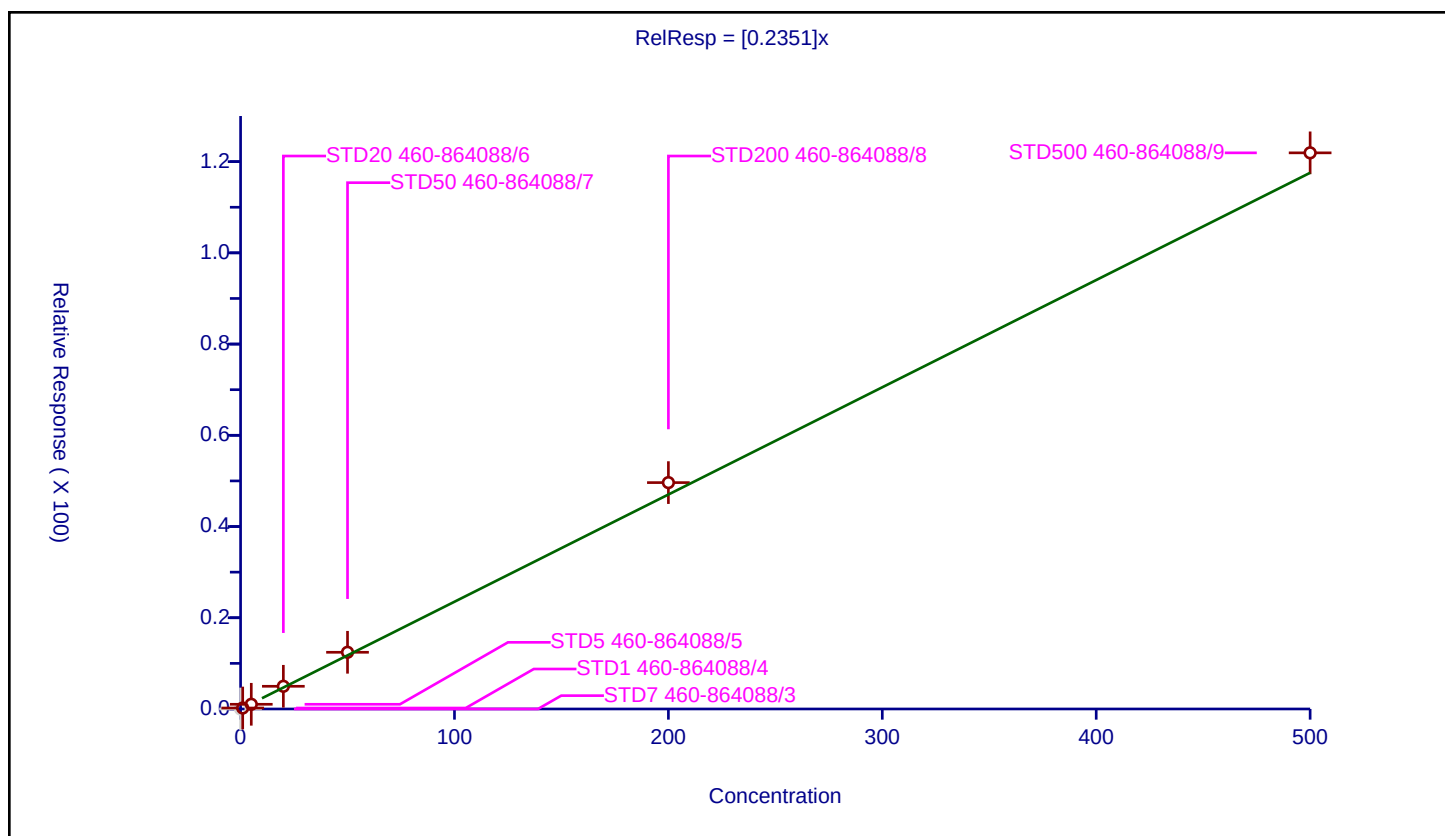
Curve Coefficients

Intercept: 0
 Slope: 0.2351

Error Coefficients

Standard Error: 631000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.214545	50.0	468667.0	0.214545	Y
3	STD5 460-864088/5	5.0	1.032586	50.0	467806.0	0.206517	Y
4	STD20 460-864088/6	20.0	4.977335	50.0	474521.0	0.248867	Y
5	STD50 460-864088/7	50.0	12.433044	50.0	481845.0	0.248661	Y
6	STD200 460-864088/8	200.0	49.632334	50.0	503446.0	0.248162	Y
7	STD500 460-864088/9	500.0	121.927655	50.0	538644.0	0.243855	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

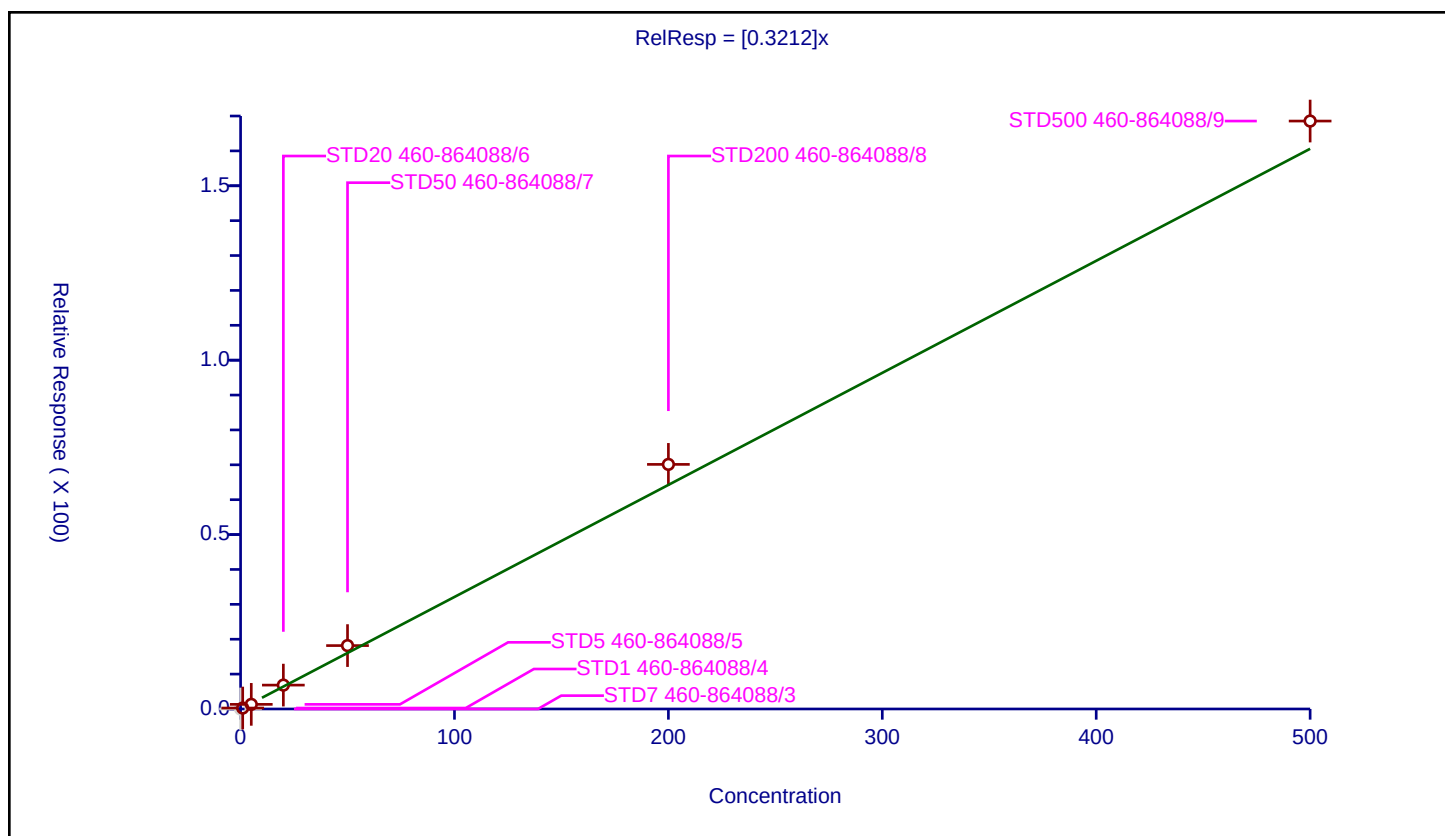
Curve Coefficients

Intercept: 0
 Slope: 0.3212

Error Coefficients

Standard Error: 875000
 Relative Standard Error: 13.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.268101	50.0	468667.0	0.268101	Y
3	STD5 460-864088/5	5.0	1.328328	50.0	467806.0	0.265666	Y
4	STD20 460-864088/6	20.0	6.844692	50.0	474521.0	0.342235	Y
5	STD50 460-864088/7	50.0	18.177215	50.0	481845.0	0.363544	Y
6	STD200 460-864088/8	200.0	70.122516	50.0	503446.0	0.350613	Y
7	STD500 460-864088/9	500.0	168.55372	50.0	538644.0	0.337107	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

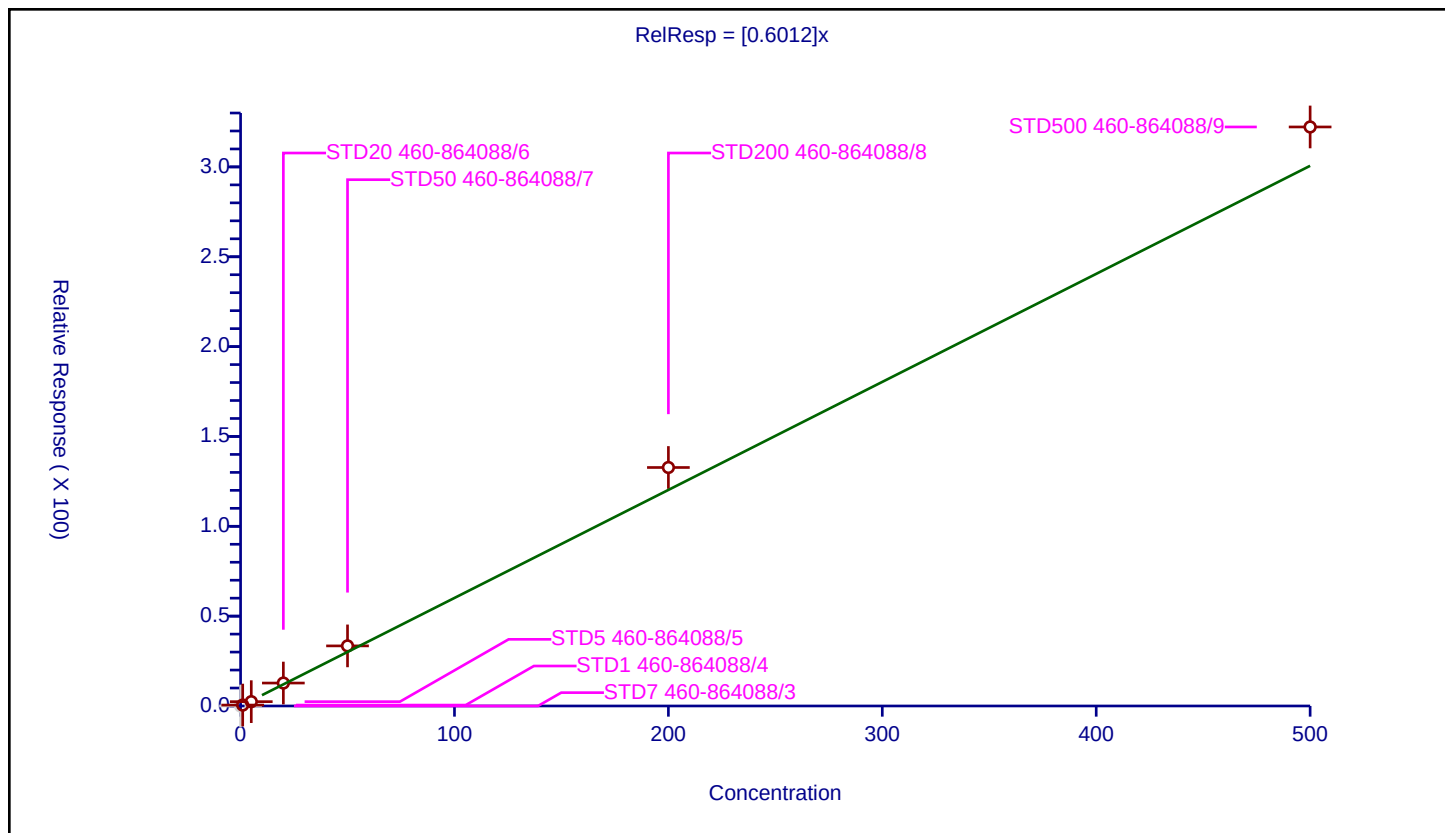
Curve Coefficients

Intercept: 0
 Slope: 0.6012

Error Coefficients

Standard Error: 1670000
 Relative Standard Error: 13.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.508677	50.0	468667.0	0.508677	Y
3	STD5 460-864088/5	5.0	2.415959	50.0	467806.0	0.483192	Y
4	STD20 460-864088/6	20.0	12.772248	50.0	474521.0	0.638612	Y
5	STD50 460-864088/7	50.0	33.437828	50.0	481845.0	0.668757	Y
6	STD200 460-864088/8	200.0	132.727145	50.0	503446.0	0.663636	Y
7	STD500 460-864088/9	500.0	322.233145	50.0	538644.0	0.644466	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

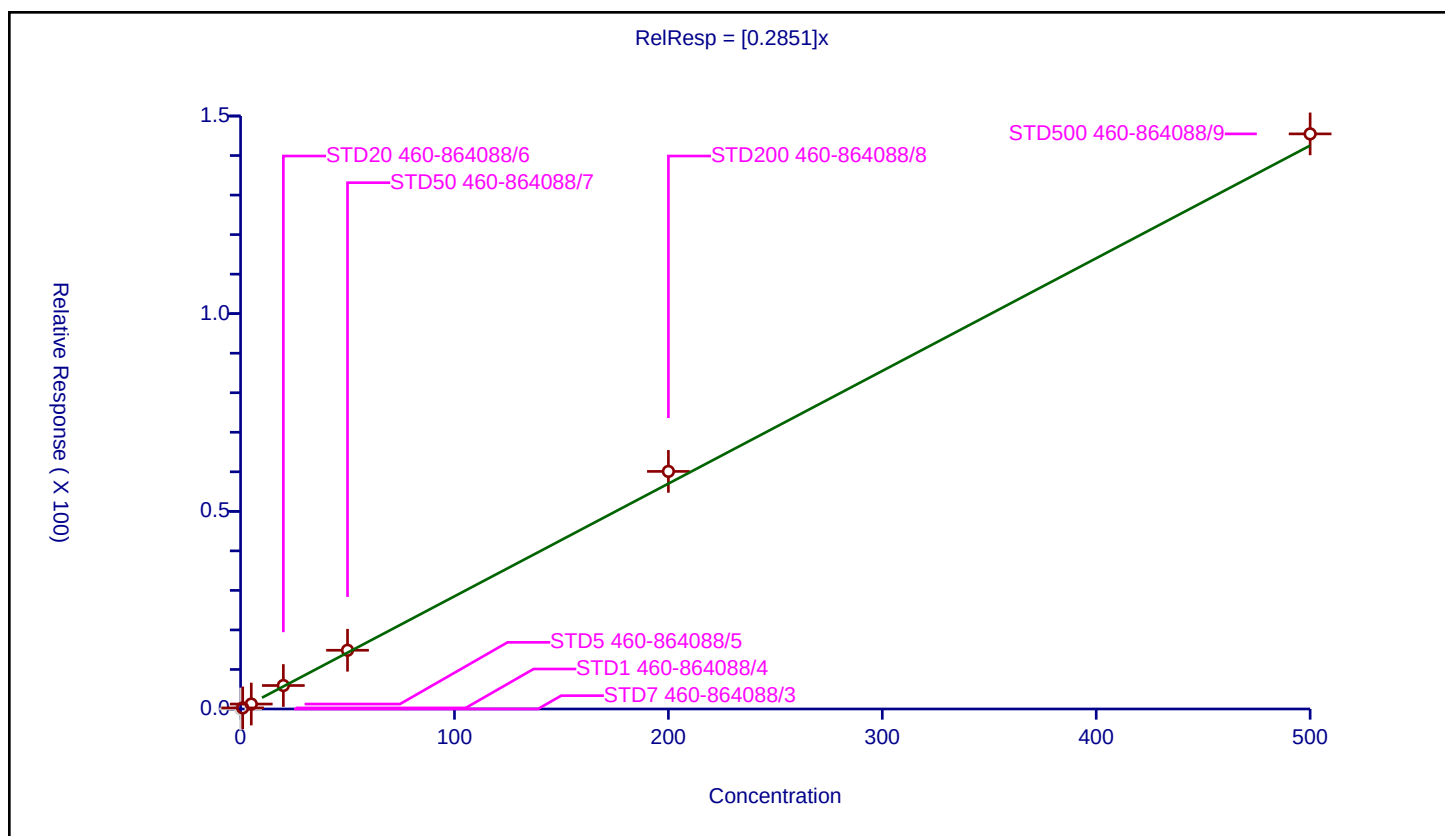
Curve Coefficients

Intercept: 0
 Slope: 0.2851

Error Coefficients

Standard Error: 754000
 Relative Standard Error: 6.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.274395	50.0	468667.0	0.274395	Y
3	STD5 460-864088/5	5.0	1.25148	50.0	467806.0	0.250296	Y
4	STD20 460-864088/6	20.0	5.940833	50.0	474521.0	0.297042	Y
5	STD50 460-864088/7	50.0	14.856022	50.0	481845.0	0.29712	Y
6	STD200 460-864088/8	200.0	60.097806	50.0	503446.0	0.300489	Y
7	STD500 460-864088/9	500.0	145.482359	50.0	538644.0	0.290965	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

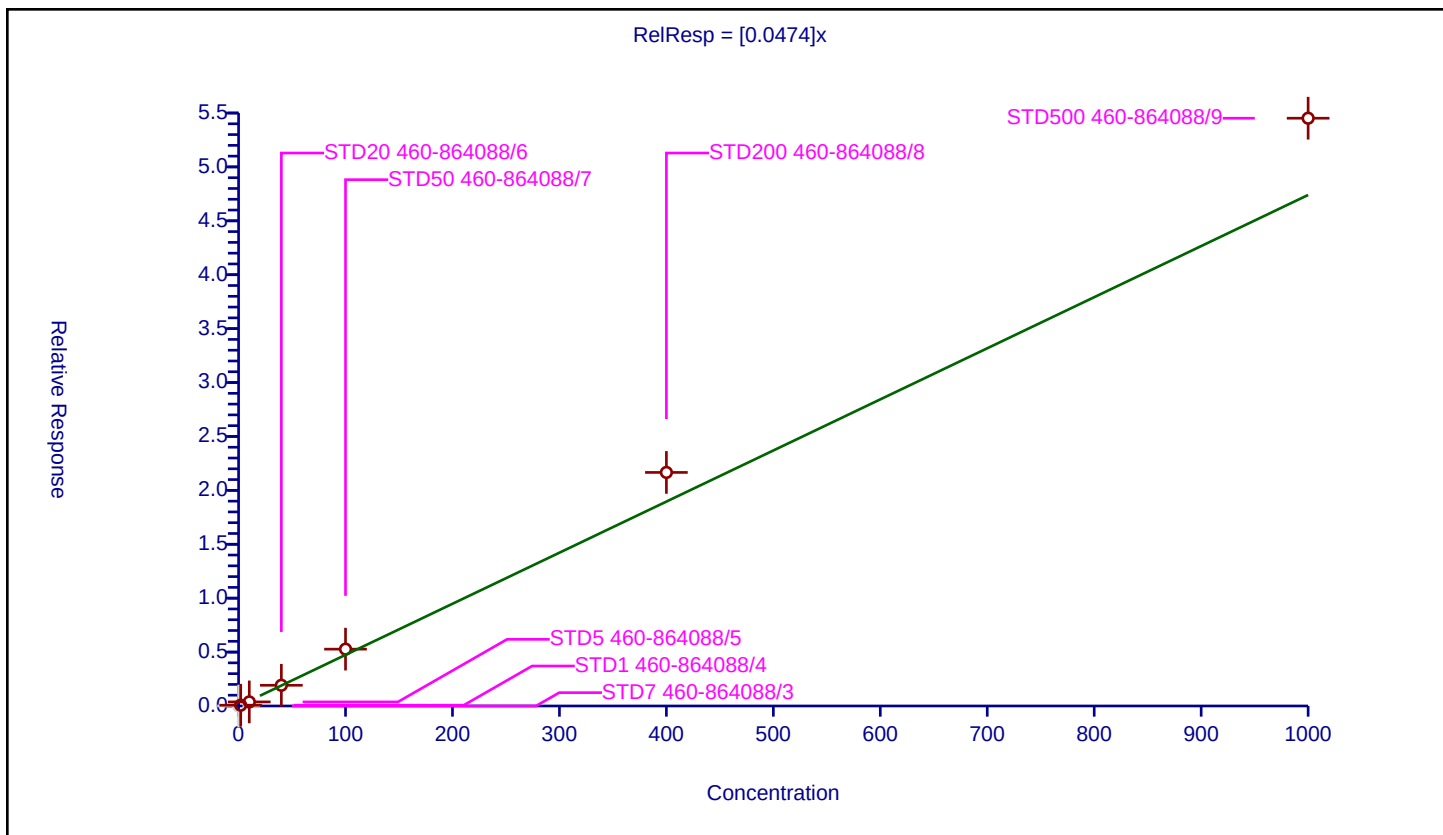
Curve Coefficients

Intercept: 0
 Slope: 0.0474

Error Coefficients

Standard Error: 281000
 Relative Standard Error: 16.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	2.0	0.07404	50.0	468667.0	0.03702	Y
3	STD5 460-864088/5	10.0	0.379217	50.0	467806.0	0.037922	Y
4	STD20 460-864088/6	40.0	1.921411	50.0	474521.0	0.048035	Y
5	STD50 460-864088/7	100.0	5.272546	50.0	481845.0	0.052725	Y
6	STD200 460-864088/8	400.0	21.663197	50.0	503446.0	0.054158	Y
7	STD500 460-864088/9	1000.0	54.518755	50.0	538644.0	0.054519	Y



Calibration

/ 1,4-Dioxane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

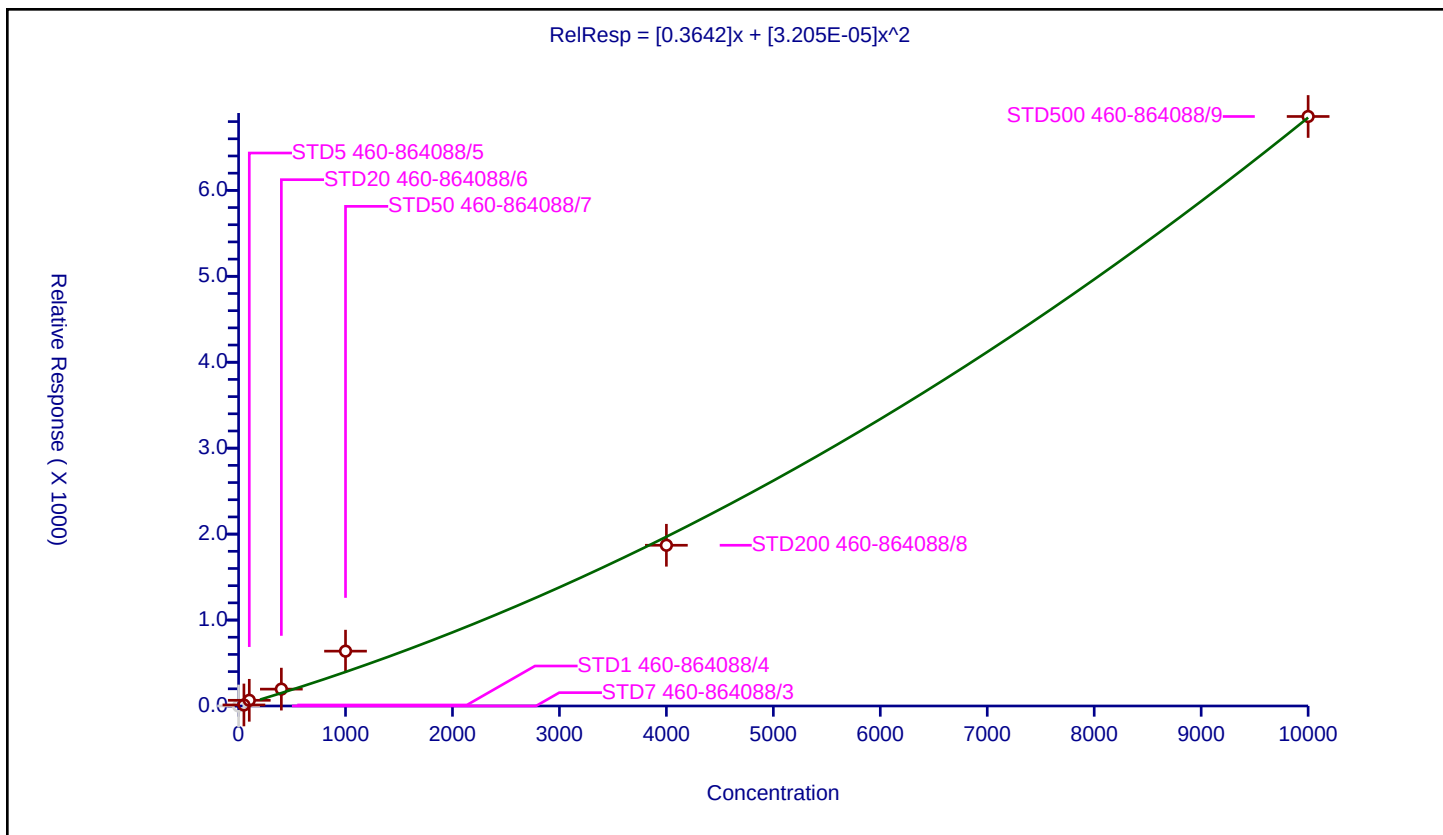
Curve Coefficients

Intercept: 0
 Slope: 0.3642
 Second Order: 3.205E-05

Error Coefficients

Standard Error: 96000
 Relative Standard Error: 53.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	25176.0	NaN	N
2	STD1 460-864088/4	50.000062	11.796027	1000.0	24415.0	0.23592	Y
3	STD5 460-864088/5	100.0	66.220299	1000.0	24494.0	0.662203	Y
4	STD20 460-864088/6	400.0	196.339641	1000.0	24096.0	0.490849	Y
5	STD50 460-864088/7	1000.0	638.173653	1000.0	26720.0	0.638174	Y
6	STD200 460-864088/8	4000.0	1870.320352	1000.0	31840.0	0.46758	Y
7	STD500 460-864088/9	10000.0	6859.66304	1000.0	27570.0	0.685967	Y



Calibration

/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

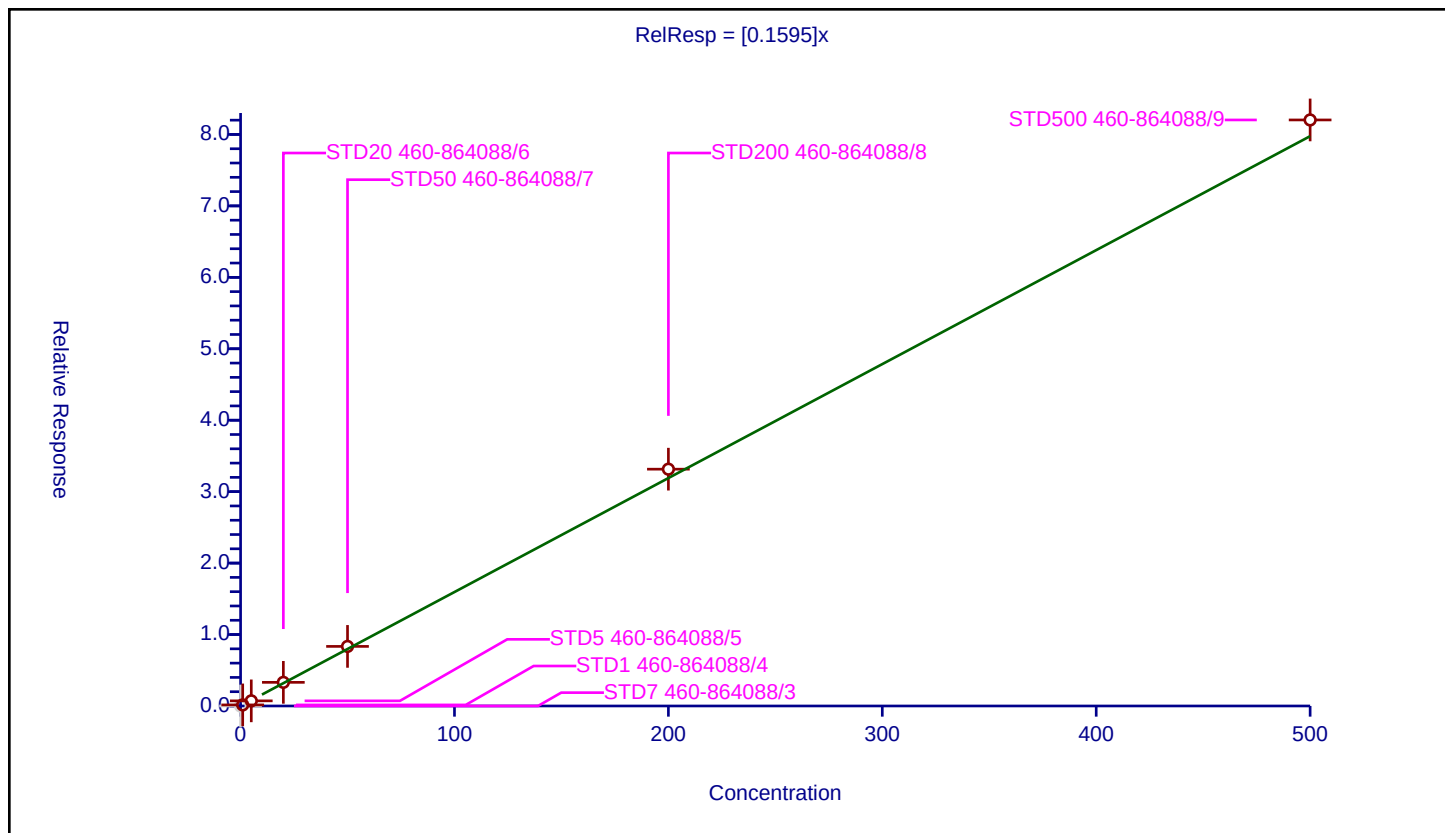
Curve Coefficients

Intercept: 0
 Slope: 0.1595

Error Coefficients

Standard Error: 424000
 Relative Standard Error: 6.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.15128	50.0	468667.0	0.15128	Y
3	STD5 460-864088/5	5.0	0.718781	50.0	467806.0	0.143756	Y
4	STD20 460-864088/6	20.0	3.309337	50.0	474521.0	0.165467	Y
5	STD50 460-864088/7	50.0	8.339196	50.0	481845.0	0.166784	Y
6	STD200 460-864088/8	200.0	33.146753	50.0	503446.0	0.165734	Y
7	STD500 460-864088/9	500.0	82.030339	50.0	538644.0	0.164061	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

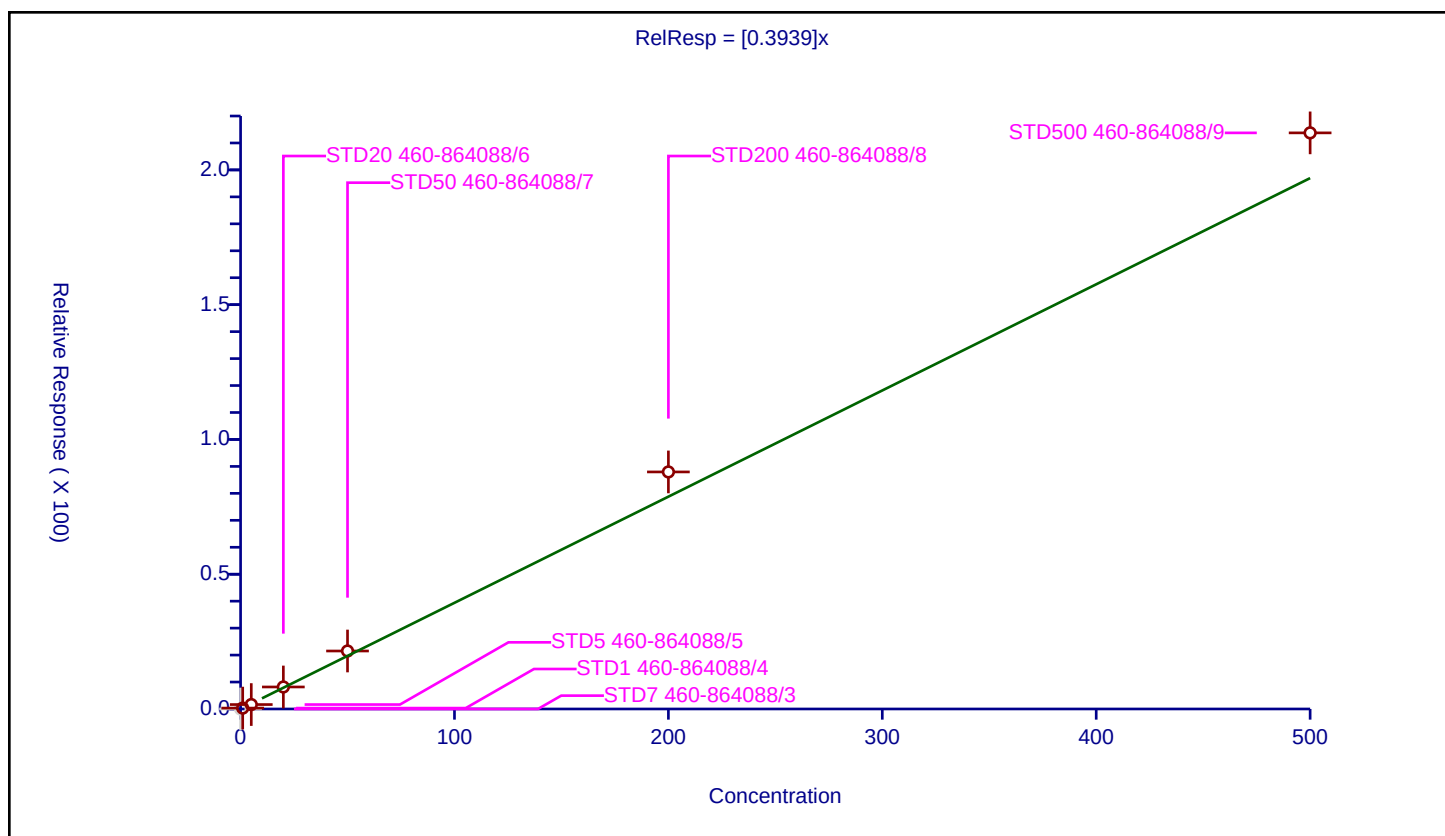
Curve Coefficients

Intercept: 0
Slope: 0.3939

Error Coefficients

Standard Error: 1110000
Relative Standard Error: 13.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.328912	50.0	468667.0	0.328912	Y
3	STD5 460-864088/5	5.0	1.642775	50.0	467806.0	0.328555	Y
4	STD20 460-864088/6	20.0	8.167921	50.0	474521.0	0.408396	Y
5	STD50 460-864088/7	50.0	21.517604	50.0	481845.0	0.430352	Y
6	STD200 460-864088/8	200.0	87.945182	50.0	503446.0	0.439726	Y
7	STD500 460-864088/9	500.0	213.750176	50.0	538644.0	0.4275	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

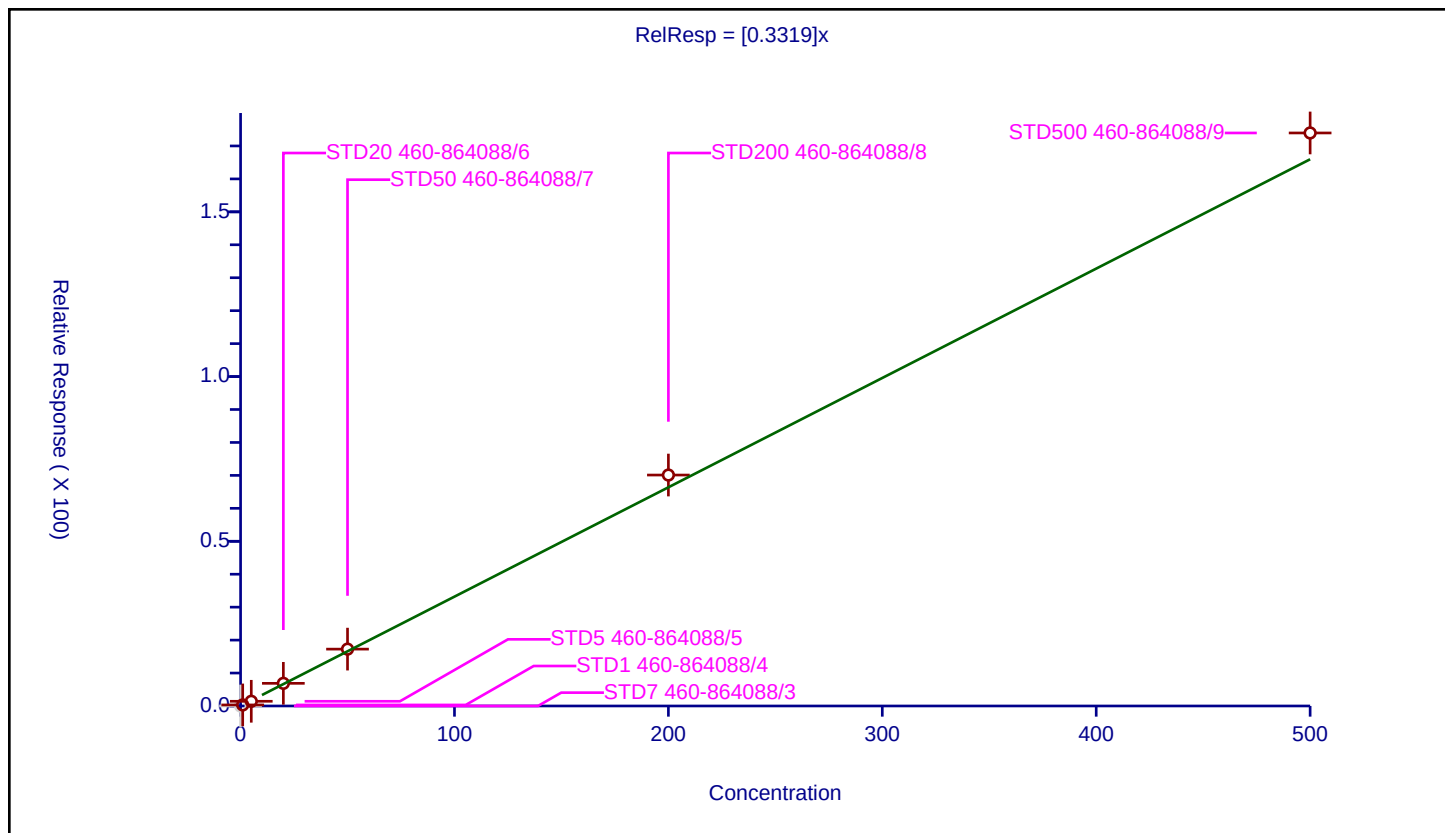
Curve Coefficients

Intercept: 0
 Slope: 0.3319

Error Coefficients

Standard Error: 899000
 Relative Standard Error: 7.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.318136	50.0	468667.0	0.318136	Y
3	STD5 460-864088/5	5.0	1.42837	50.0	467806.0	0.285674	Y
4	STD20 460-864088/6	20.0	6.879464	50.0	474521.0	0.343973	Y
5	STD50 460-864088/7	50.0	17.261256	50.0	481845.0	0.345225	Y
6	STD200 460-864088/8	200.0	70.108214	50.0	503446.0	0.350541	Y
7	STD500 460-864088/9	500.0	173.946336	50.0	538644.0	0.347893	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

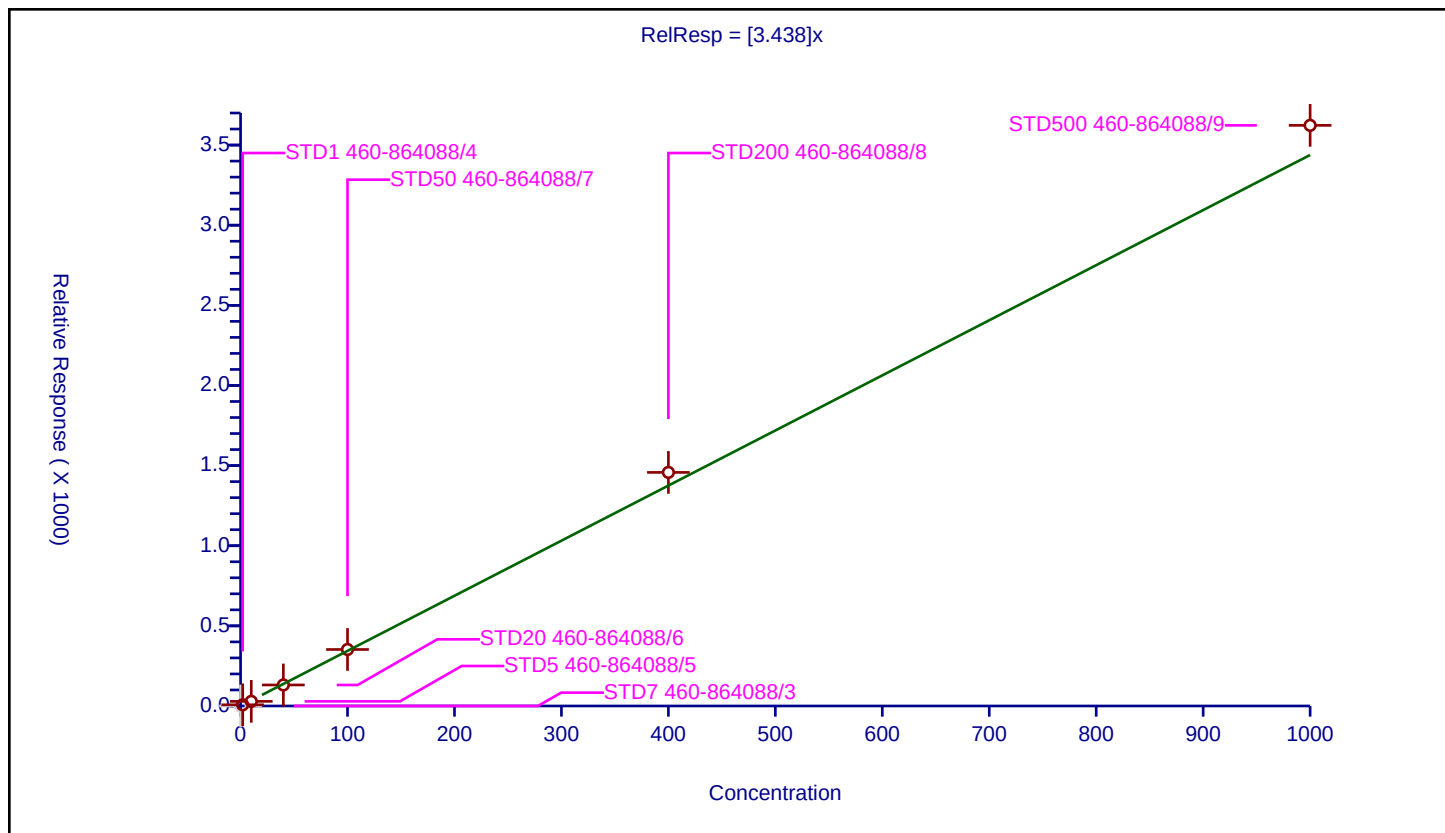
Curve Coefficients

Intercept: 0
Slope: 3.438

Error Coefficients

Standard Error: 412000
Relative Standard Error: 9.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	1000.0	199328.0	NaN	N
2	STD1 460-864088/4	2.0	7.352676	1000.0	193807.0	3.676338	Y
3	STD5 460-864088/5	10.0	28.801082	1000.0	196694.0	2.880108	Y
4	STD20 460-864088/6	40.0	131.198175	1000.0	198143.0	3.279954	Y
5	STD50 460-864088/7	100.0	352.543772	1000.0	213148.0	3.525438	Y
6	STD200 460-864088/8	400.0	1457.600094	1000.0	221392.0	3.644	Y
7	STD500 460-864088/9	1000.0	3622.910713	1000.0	238299.0	3.622911	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

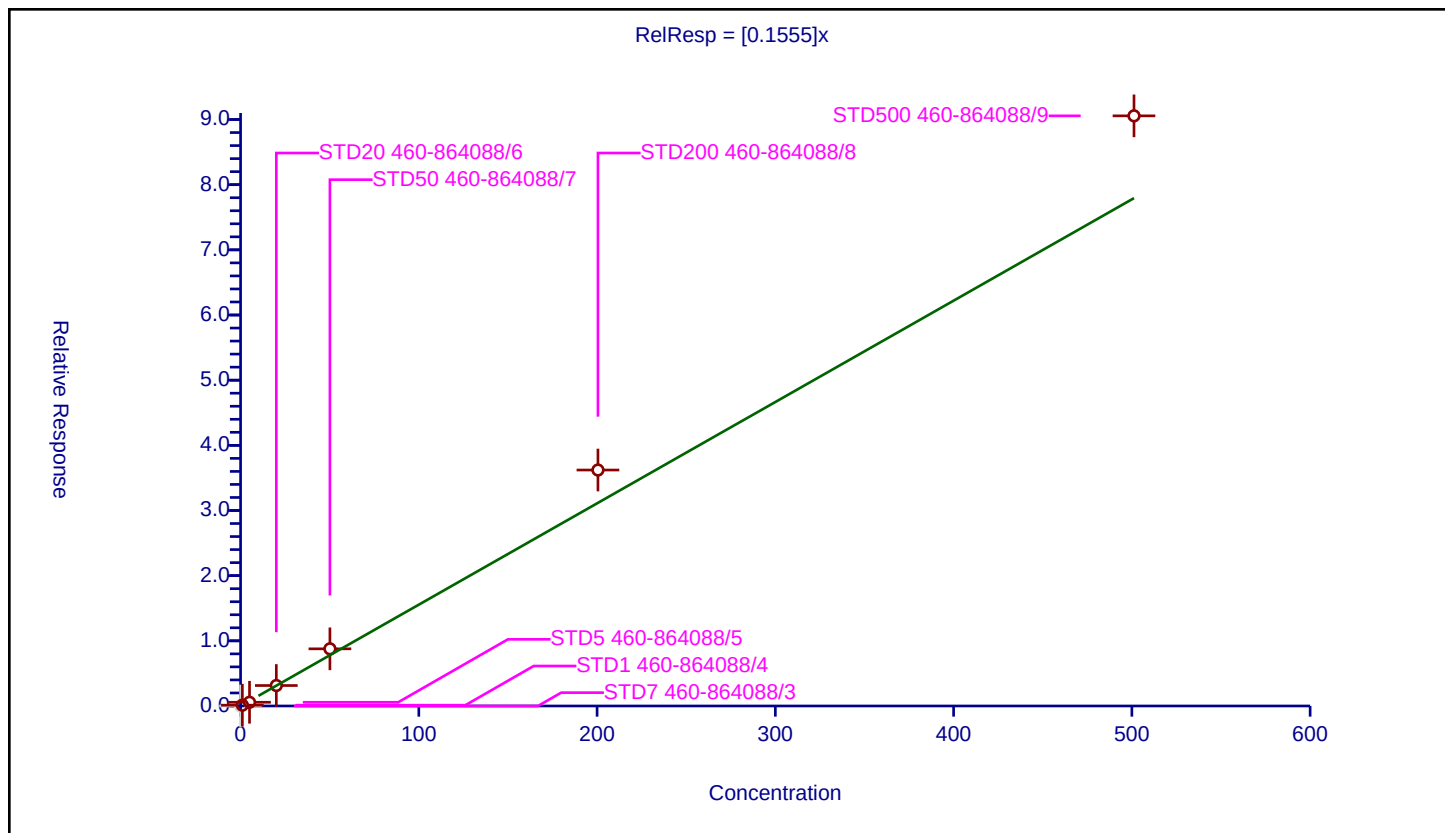
Curve Coefficients

Intercept: 0
 Slope: 0.1555

Error Coefficients

Standard Error: 467000
 Relative Standard Error: 18.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0024	0.126316	50.0	468667.0	0.126013	Y
3	STD5 460-864088/5	5.012	0.570963	50.0	467806.0	0.113919	Y
4	STD20 460-864088/6	20.048	3.141589	50.0	474521.0	0.156703	Y
5	STD50 460-864088/7	50.12	8.773153	50.0	481845.0	0.175043	Y
6	STD200 460-864088/8	200.48	36.212225	50.0	503446.0	0.180628	Y
7	STD500 460-864088/9	501.2	90.567703	50.0	538644.0	0.180702	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

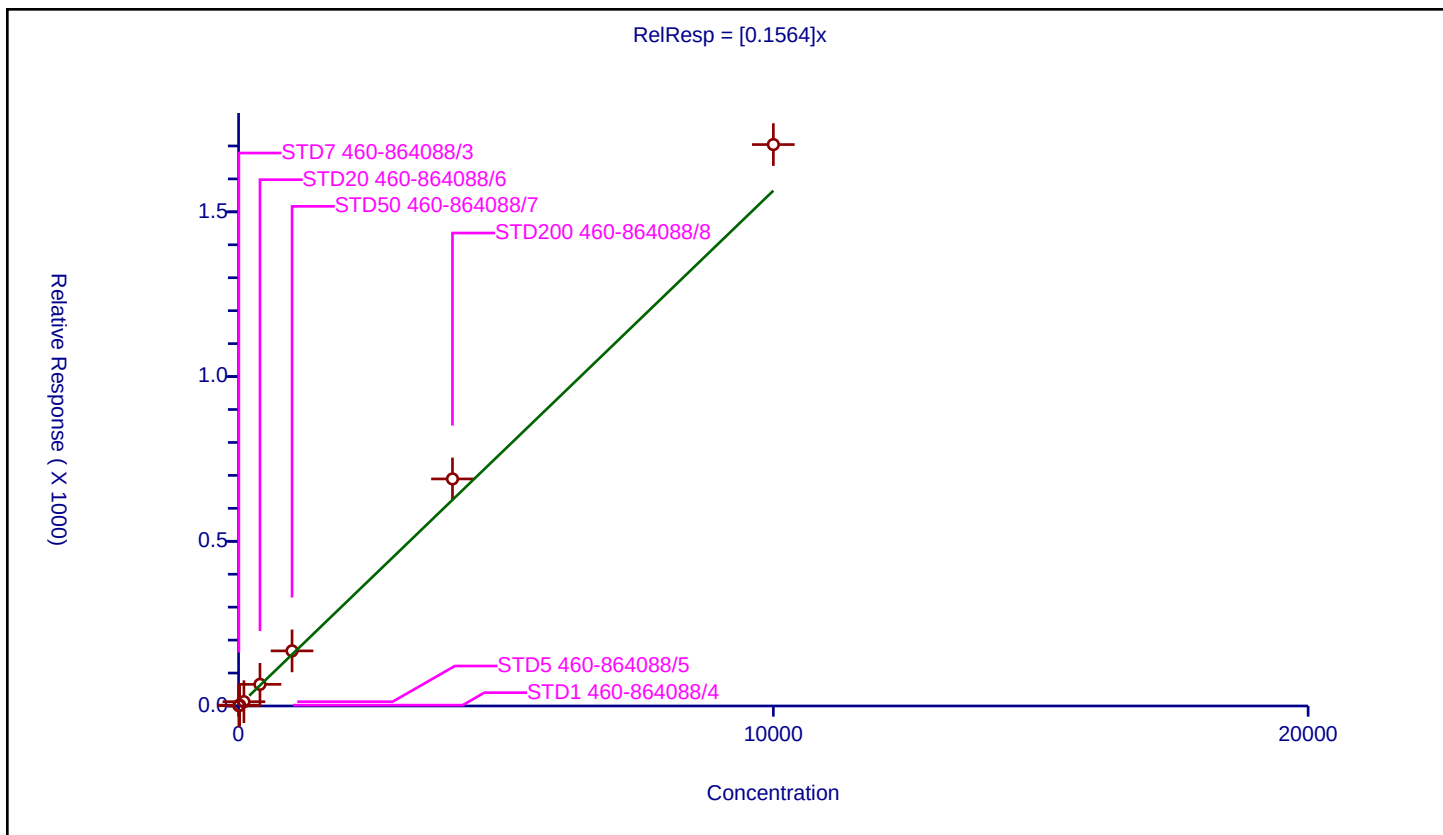
Curve Coefficients

Intercept: 0
 Slope: 0.1564

Error Coefficients

Standard Error: 1070000
 Relative Standard Error: 11.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	5.000009	0.787928	250.0	308404.0	0.157585	Y
2	STD1 460-864088/4	20.000035	2.652232	250.0	299559.0	0.132611	Y
3	STD5 460-864088/5	100.000173	13.053903	250.0	304047.0	0.130539	Y
4	STD20 460-864088/6	400.000692	65.68134	250.0	304569.0	0.164203	Y
5	STD50 460-864088/7	1000.00173	167.274376	250.0	318683.0	0.167274	Y
6	STD200 460-864088/8	4000.00692	689.248029	250.0	335199.0	0.172312	Y
7	STD500 460-864088/9	10000.0173	1704.273225	250.0	358488.0	0.170427	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

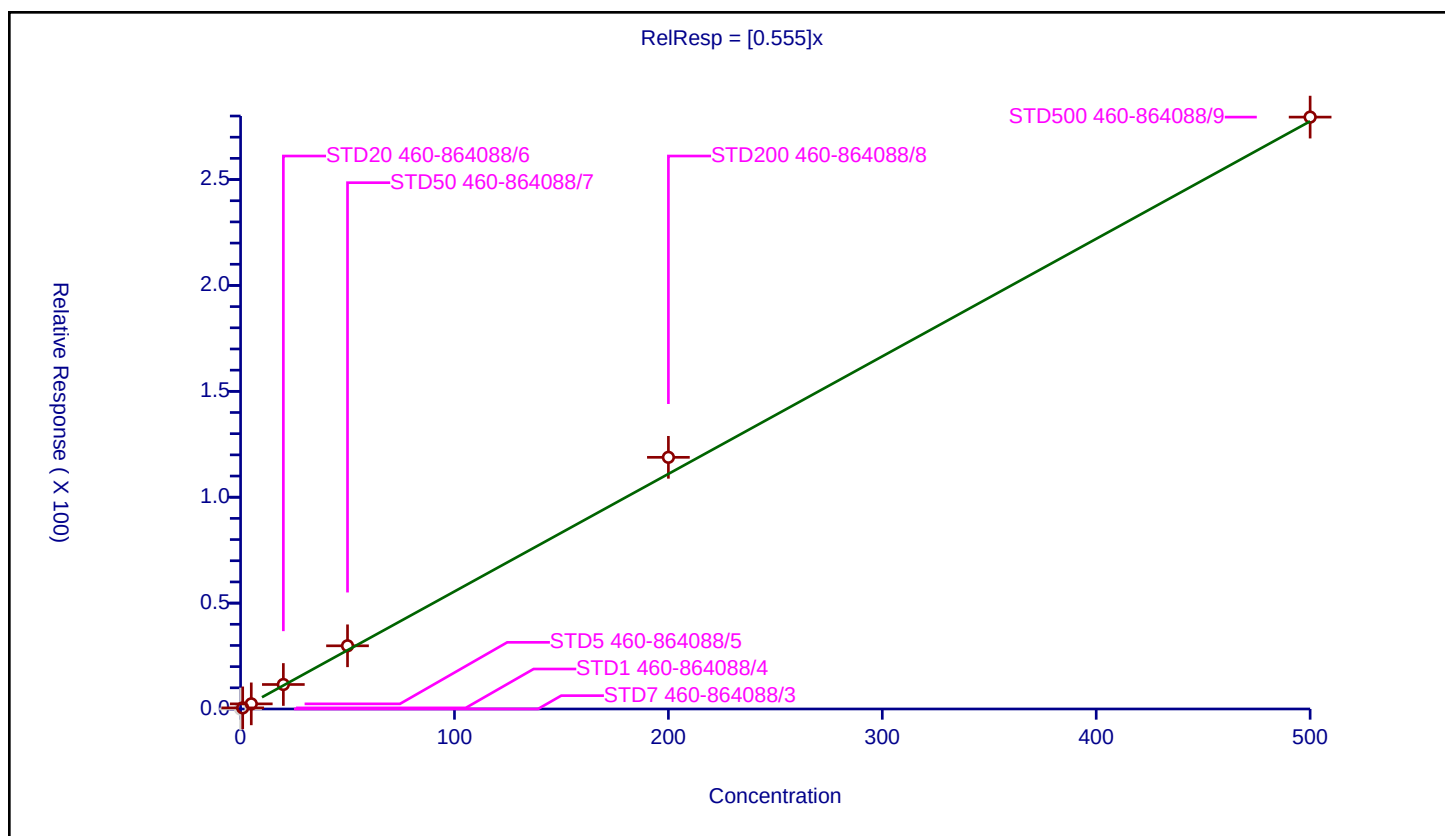
Curve Coefficients

Intercept: 0
 Slope: 0.555

Error Coefficients

Standard Error: 1160000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.517298	50.0	346899.0	0.517298	Y
3	STD5 460-864088/5	5.0	2.42386	50.0	345647.0	0.484772	Y
4	STD20 460-864088/6	20.0	11.562436	50.0	358389.0	0.578122	Y
5	STD50 460-864088/7	50.0	29.840252	50.0	362946.0	0.596805	Y
6	STD200 460-864088/8	200.0	118.833957	50.0	385389.0	0.59417	Y
7	STD500 460-864088/9	500.0	279.488375	50.0	432094.0	0.558977	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

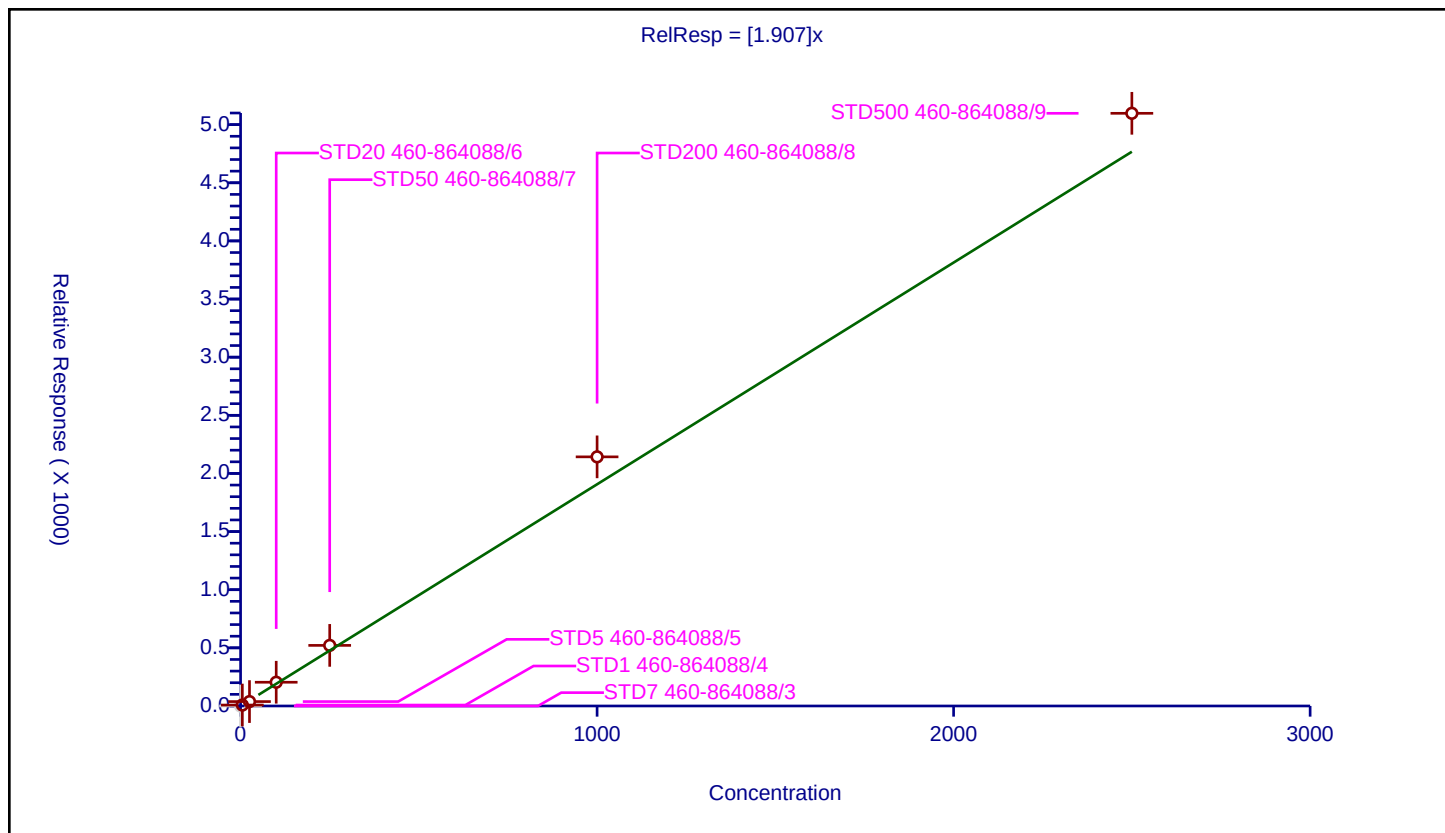
Curve Coefficients

Intercept: 0
 Slope: 1.907

Error Coefficients

Standard Error: 3520000
 Relative Standard Error: 14.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	5.0	8.061851	250.0	299559.0	1.61237	Y
3	STD5 460-864088/5	25.0	37.999059	250.0	304047.0	1.519962	Y
4	STD20 460-864088/6	100.0	204.250104	250.0	304569.0	2.042501	Y
5	STD50 460-864088/7	250.0	521.107182	250.0	318683.0	2.084429	Y
6	STD200 460-864088/8	1000.0	2142.654065	250.0	335199.0	2.142654	Y
7	STD500 460-864088/9	2500.0	5097.586251	250.0	358488.0	2.039035	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

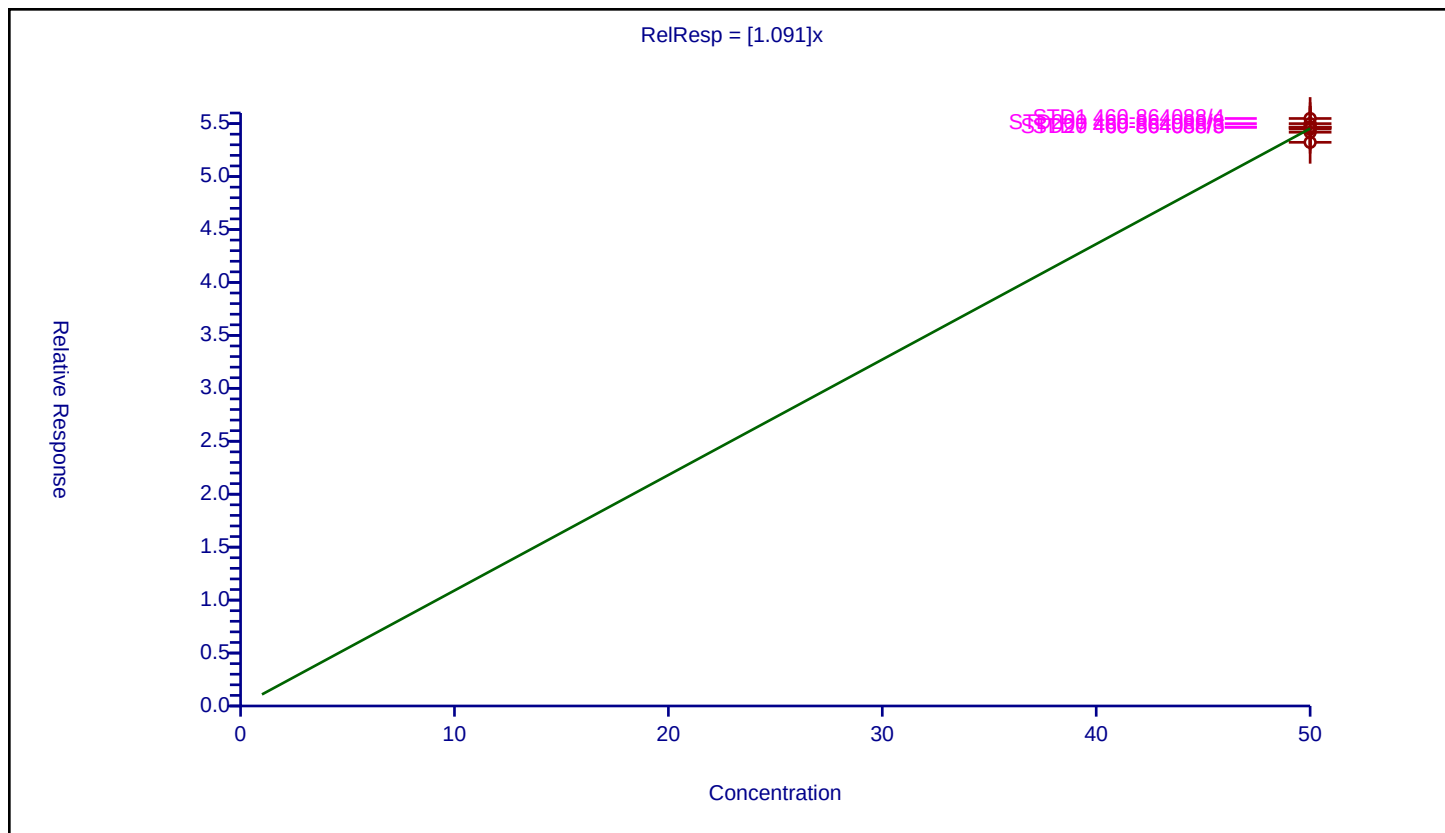
Curve Coefficients

Intercept: 0
 Slope: 1.091

Error Coefficients

Standard Error: 436000
 Relative Standard Error: 1.3
 Correlation Coefficient: 0.00000000000000000000
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	50.0	54.658035	50.0	353969.0	1.093161	Y
2	STD1 460-864088/4	50.0	55.483008	50.0	346899.0	1.10966	Y
3	STD5 460-864088/5	50.0	54.489407	50.0	345647.0	1.089788	Y
4	STD20 460-864088/6	50.0	54.663648	50.0	358389.0	1.093273	Y
5	STD50 460-864088/7	50.0	54.183956	50.0	362946.0	1.083679	Y
6	STD200 460-864088/8	50.0	54.997937	50.0	385389.0	1.099959	Y
7	STD500 460-864088/9	50.0	53.23182	50.0	432094.0	1.064636	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

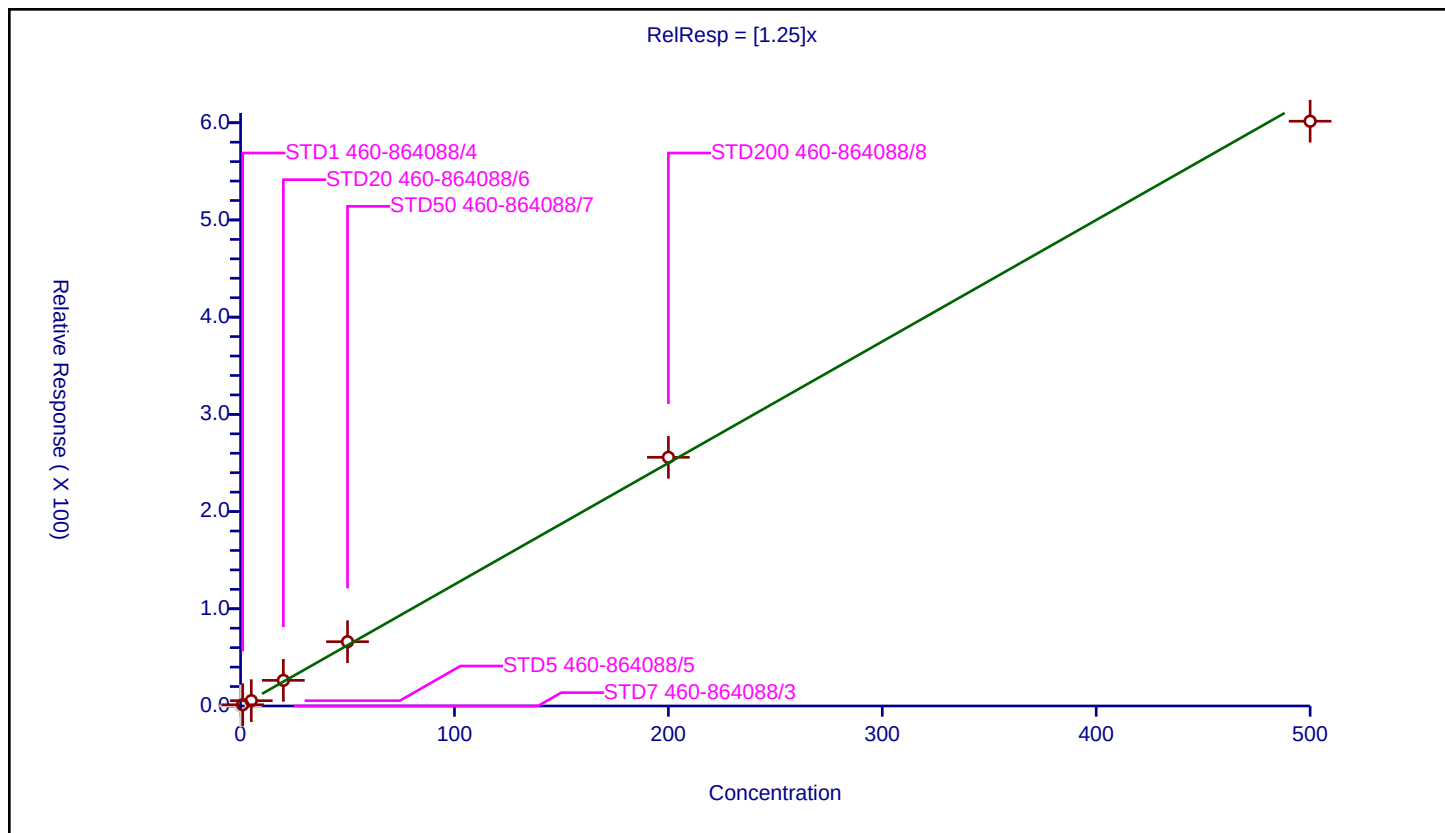
Curve Coefficients

Intercept: 0
 Slope: 1.25

Error Coefficients

Standard Error: 2500000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	1.27847	50.0	346899.0	1.27847	Y
3	STD5 460-864088/5	5.0	5.485654	50.0	345647.0	1.097131	Y
4	STD20 460-864088/6	20.0	26.365904	50.0	358389.0	1.318295	Y
5	STD50 460-864088/7	50.0	66.12182	50.0	362946.0	1.322436	Y
6	STD200 460-864088/8	200.0	255.825283	50.0	385389.0	1.279126	Y
7	STD500 460-864088/9	500.0	601.572112	50.0	432094.0	1.203144	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

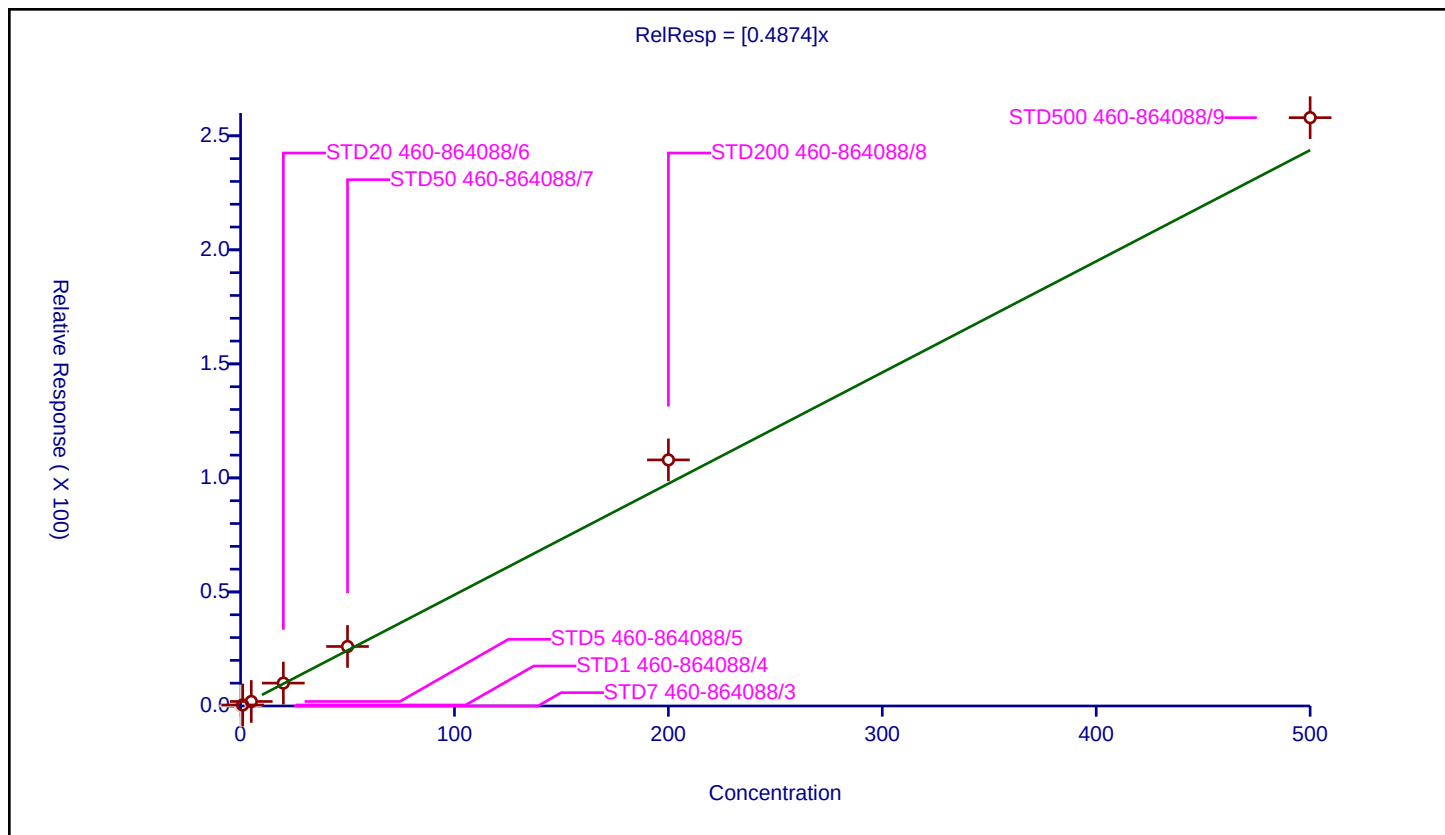
Curve Coefficients

Intercept: 0
 Slope: 0.4874

Error Coefficients

Standard Error: 1070000
 Relative Standard Error: 11.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.450131	50.0	346899.0	0.450131	Y
3	STD5 460-864088/5	5.0	1.976149	50.0	345647.0	0.39523	Y
4	STD20 460-864088/6	20.0	10.038952	50.0	358389.0	0.501948	Y
5	STD50 460-864088/7	50.0	26.088592	50.0	362946.0	0.521772	Y
6	STD200 460-864088/8	200.0	107.904351	50.0	385389.0	0.539522	Y
7	STD500 460-864088/9	500.0	257.965859	50.0	432094.0	0.515932	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

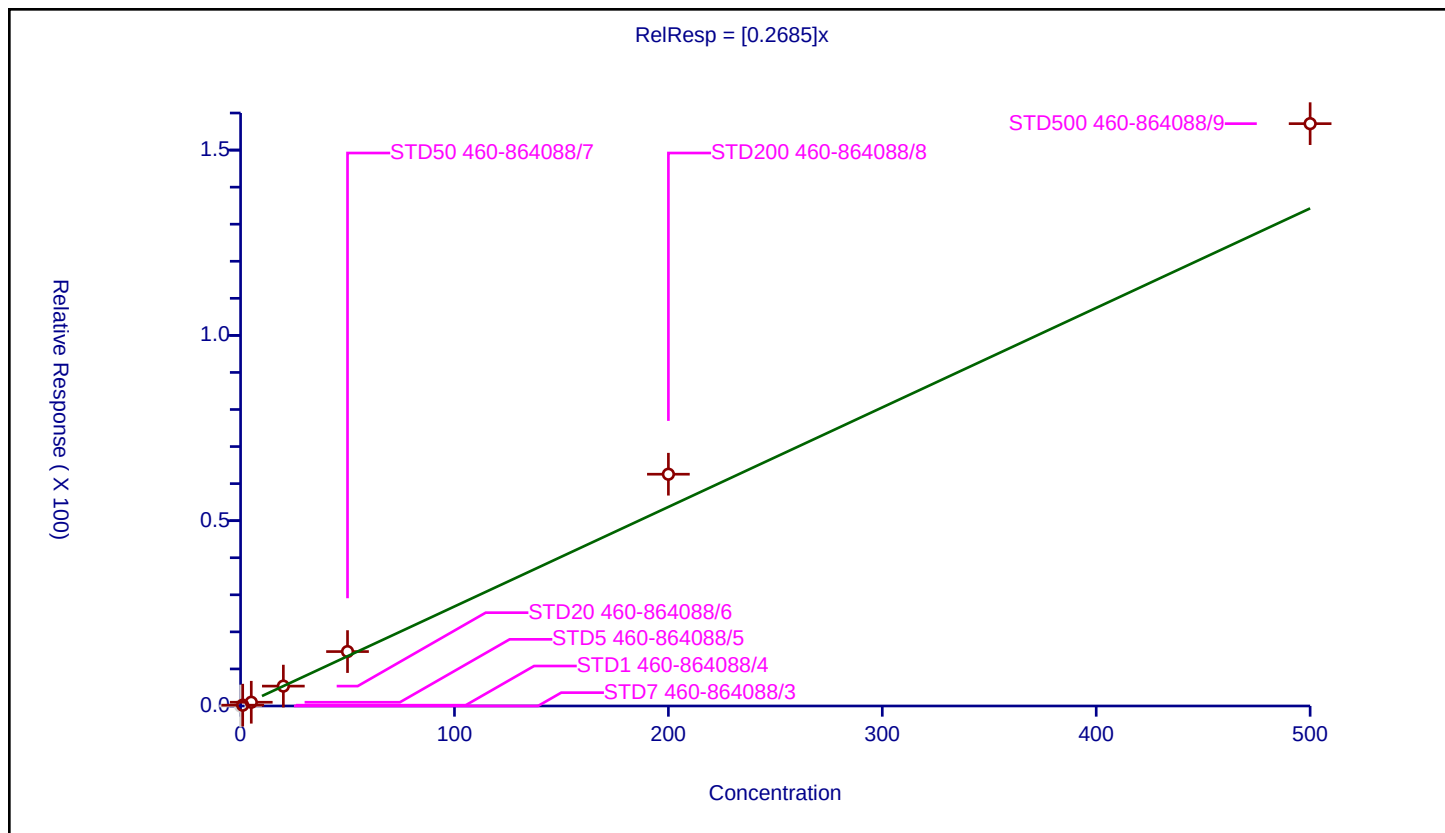
Curve Coefficients

Intercept: 0
 Slope: 0.2685

Error Coefficients

Standard Error: 810000
 Relative Standard Error: 17.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	476093.0	NaN	N
2	STD1 460-864088/4	1.0	0.220412	50.0	468667.0	0.220412	Y
3	STD5 460-864088/5	5.0	1.00982	50.0	467806.0	0.201964	Y
4	STD20 460-864088/6	20.0	5.366254	50.0	474521.0	0.268313	Y
5	STD50 460-864088/7	50.0	14.679098	50.0	481845.0	0.293582	Y
6	STD200 460-864088/8	200.0	62.541067	50.0	503446.0	0.312705	Y
7	STD500 460-864088/9	500.0	157.13189	50.0	538644.0	0.314264	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

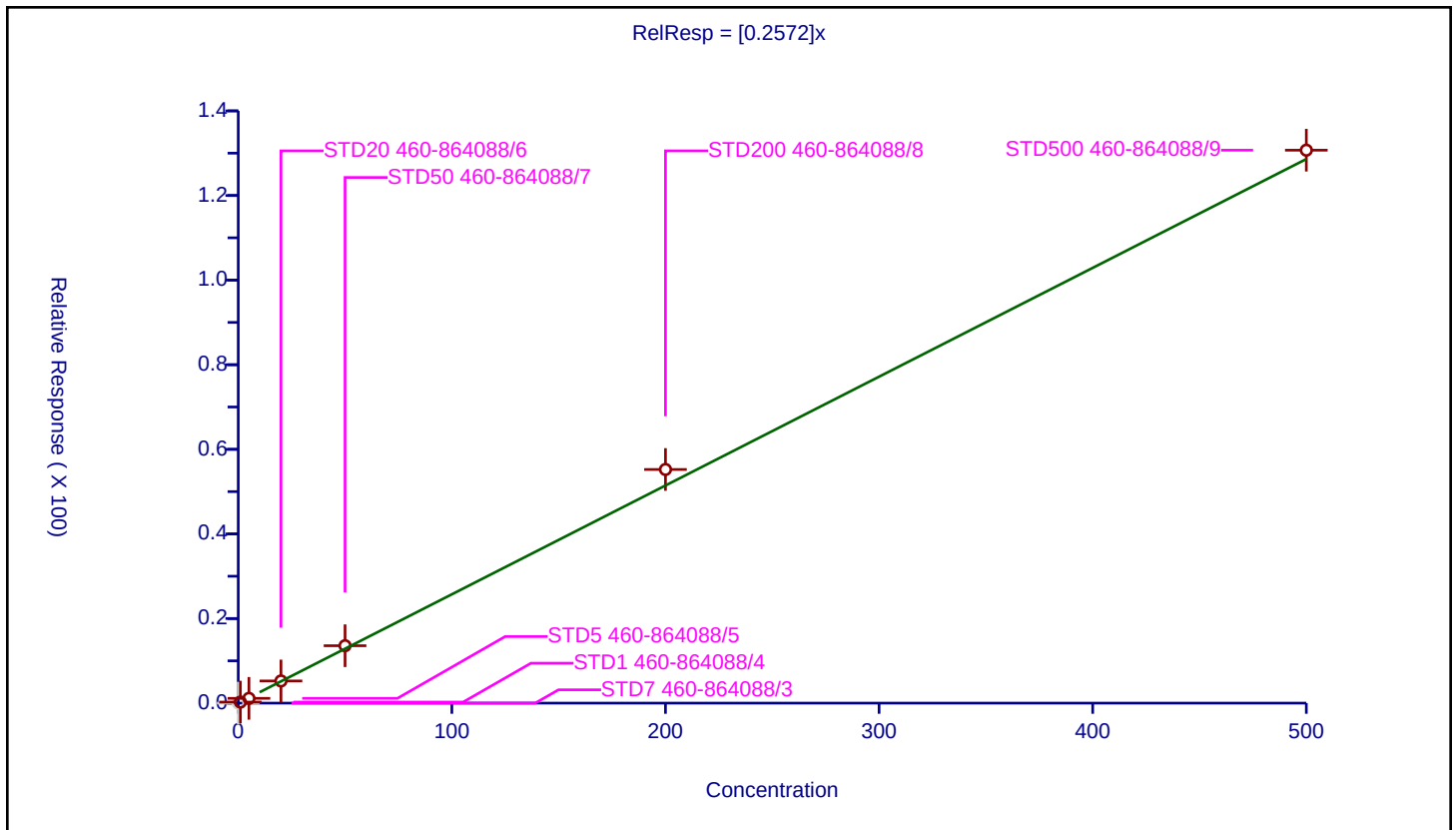
Curve Coefficients

Intercept: 0
 Slope: 0.2572

Error Coefficients

Standard Error: 542000
 Relative Standard Error: 7.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.245893	50.0	346899.0	0.245893	Y
3	STD5 460-864088/5	5.0	1.131501	50.0	345647.0	0.2263	Y
4	STD20 460-864088/6	20.0	5.242906	50.0	358389.0	0.262145	Y
5	STD50 460-864088/7	50.0	13.571991	50.0	362946.0	0.27144	Y
6	STD200 460-864088/8	200.0	55.232765	50.0	385389.0	0.276164	Y
7	STD500 460-864088/9	500.0	130.709059	50.0	432094.0	0.261418	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

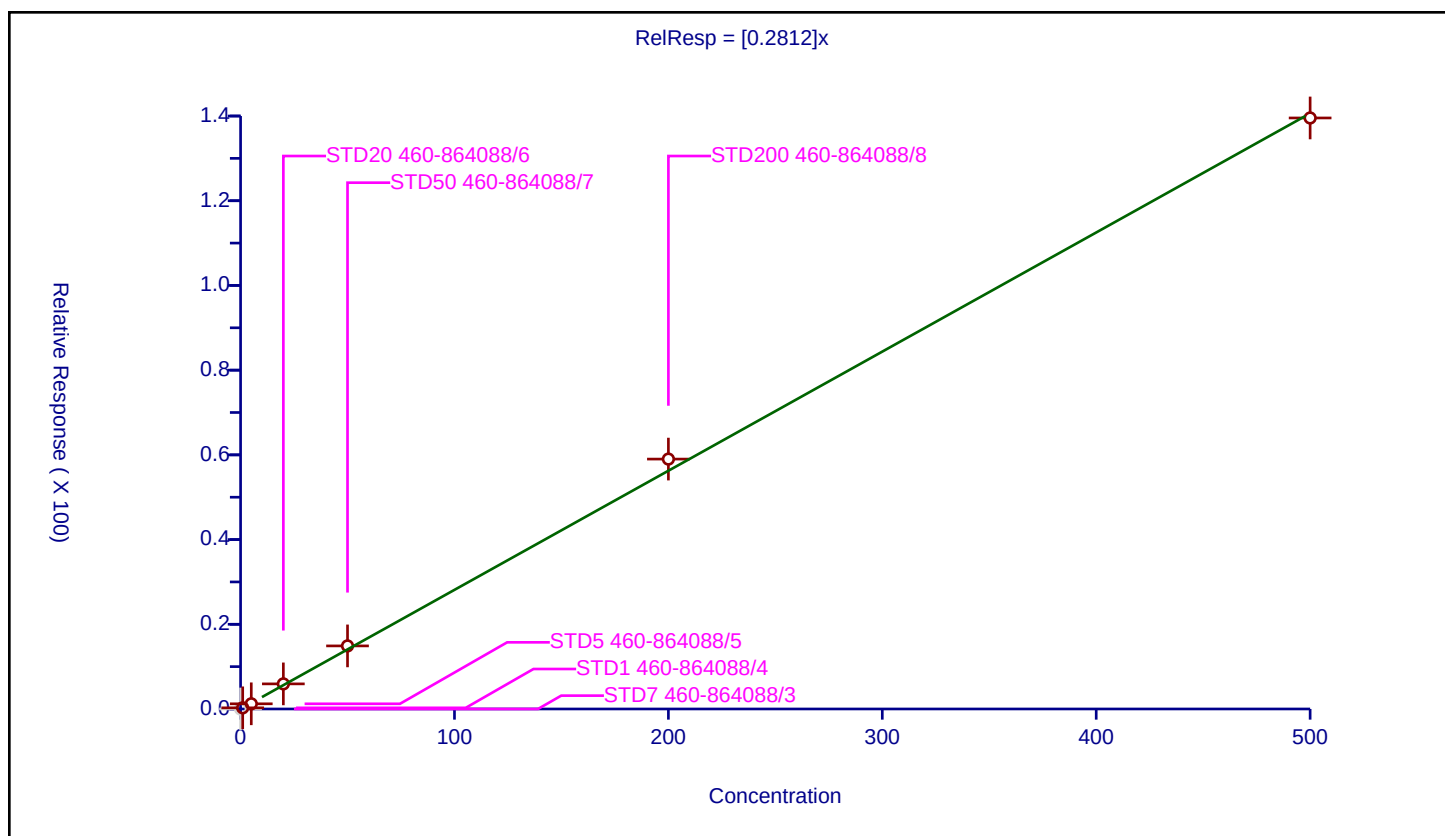
Curve Coefficients

Intercept: 0
 Slope: 0.2812

Error Coefficients

Standard Error: 579000
 Relative Standard Error: 7.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.274431	50.0	346899.0	0.274431	Y
3	STD5 460-864088/5	5.0	1.222924	50.0	345647.0	0.244585	Y
4	STD20 460-864088/6	20.0	5.930707	50.0	358389.0	0.296535	Y
5	STD50 460-864088/7	50.0	14.891747	50.0	362946.0	0.297835	Y
6	STD200 460-864088/8	200.0	59.004668	50.0	385389.0	0.295023	Y
7	STD500 460-864088/9	500.0	139.539892	50.0	432094.0	0.27908	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

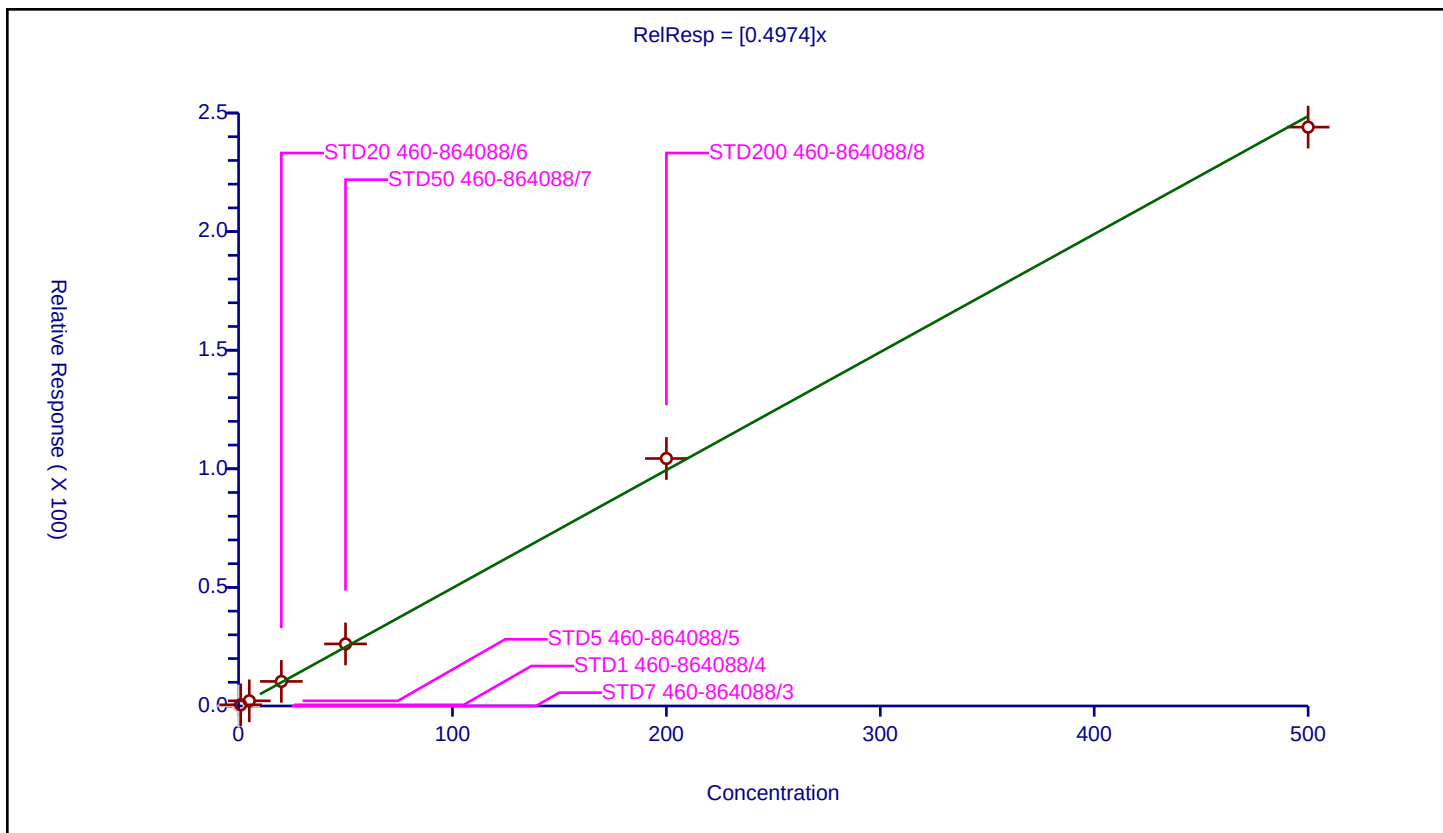
Curve Coefficients

Intercept: 0
 Slope: 0.4974

Error Coefficients

Standard Error: 1010000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.496542	50.0	346899.0	0.496542	Y
3	STD5 460-864088/5	5.0	2.18185	50.0	345647.0	0.43637	Y
4	STD20 460-864088/6	20.0	10.361925	50.0	358389.0	0.518096	Y
5	STD50 460-864088/7	50.0	26.165738	50.0	362946.0	0.523315	Y
6	STD200 460-864088/8	200.0	104.339901	50.0	385389.0	0.5217	Y
7	STD500 460-864088/9	500.0	244.048286	50.0	432094.0	0.488097	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

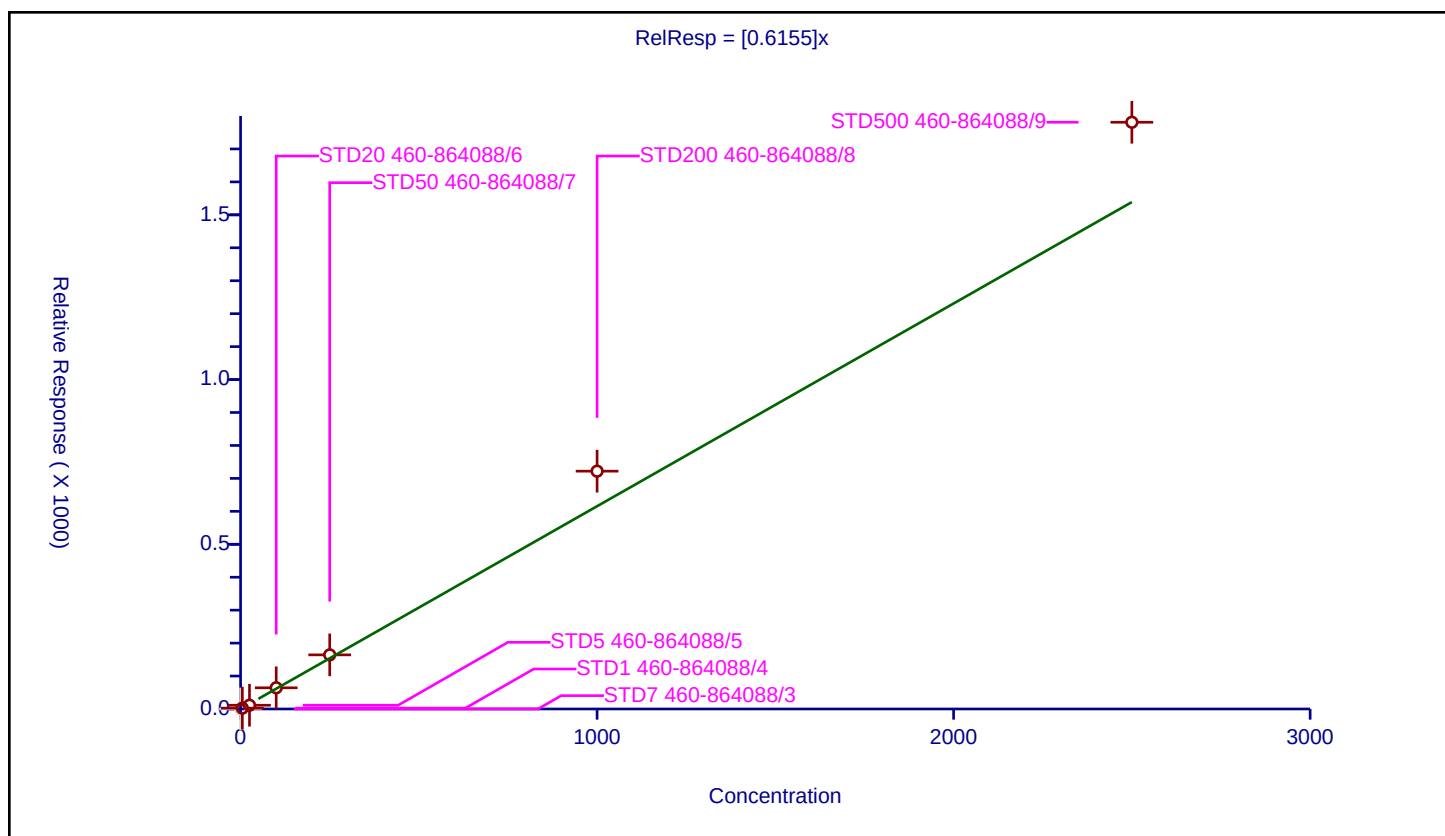
Curve Coefficients

Intercept: 0
Slope: 0.6155

Error Coefficients

Standard Error: 1220000
Relative Standard Error: 18.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	250.0	308404.0	NaN	N
2	STD1 460-864088/4	5.0	2.511191	250.0	299559.0	0.502238	Y
3	STD5 460-864088/5	25.0	11.407776	250.0	304047.0	0.456311	Y
4	STD20 460-864088/6	100.0	64.276075	250.0	304569.0	0.642761	Y
5	STD50 460-864088/7	250.0	164.290219	250.0	318683.0	0.657161	Y
6	STD200 460-864088/8	1000.0	721.958449	250.0	335199.0	0.721958	Y
7	STD500 460-864088/9	2500.0	1781.054735	250.0	358488.0	0.712422	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

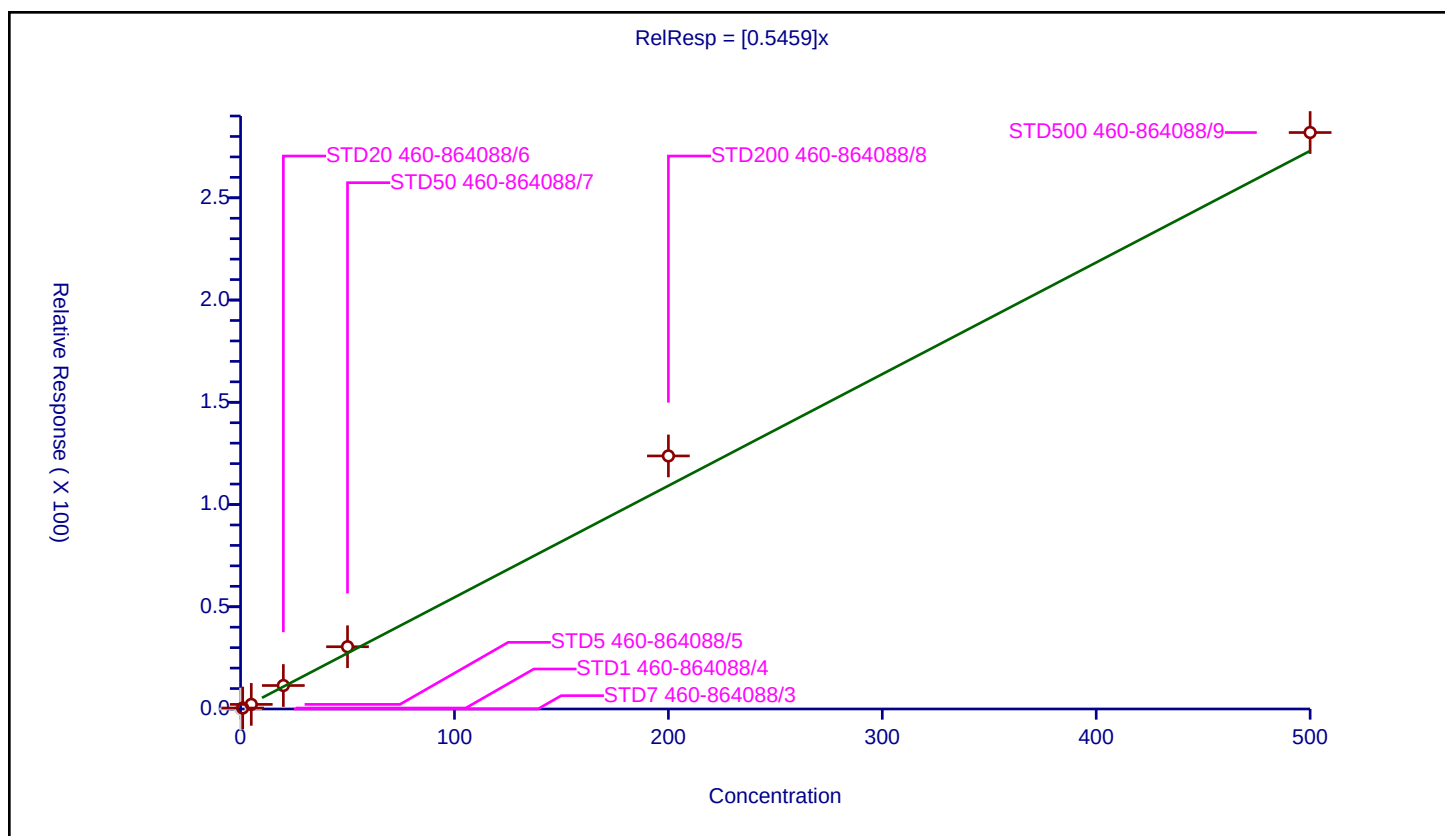
Curve Coefficients

Intercept: 0
 Slope: 0.5459

Error Coefficients

Standard Error: 1170000
 Relative Standard Error: 13.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.459932	50.0	346899.0	0.459932	Y
3	STD5 460-864088/5	5.0	2.248247	50.0	345647.0	0.449649	Y
4	STD20 460-864088/6	20.0	11.483472	50.0	358389.0	0.574174	Y
5	STD50 460-864088/7	50.0	30.452051	50.0	362946.0	0.609041	Y
6	STD200 460-864088/8	200.0	123.760668	50.0	385389.0	0.618803	Y
7	STD500 460-864088/9	500.0	281.926849	50.0	432094.0	0.563854	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

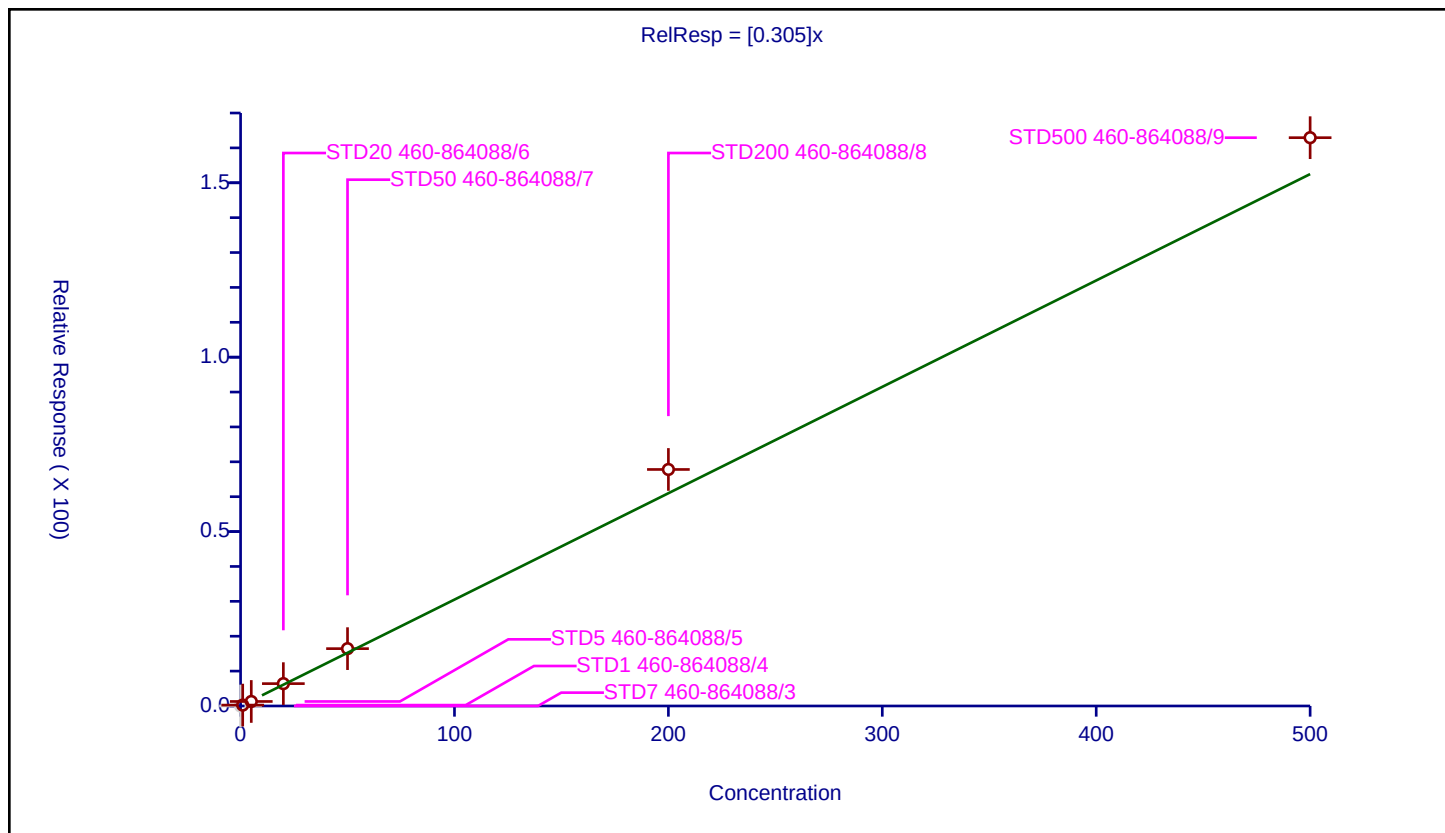
Curve Coefficients

Intercept: 0
 Slope: 0.305

Error Coefficients

Standard Error: 674000
 Relative Standard Error: 12.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.257135	50.0	346899.0	0.257135	Y
3	STD5 460-864088/5	5.0	1.293661	50.0	345647.0	0.258732	Y
4	STD20 460-864088/6	20.0	6.406586	50.0	358389.0	0.320329	Y
5	STD50 460-864088/7	50.0	16.437294	50.0	362946.0	0.328746	Y
6	STD200 460-864088/8	200.0	67.806943	50.0	385389.0	0.339035	Y
7	STD500 460-864088/9	500.0	162.926817	50.0	432094.0	0.325854	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

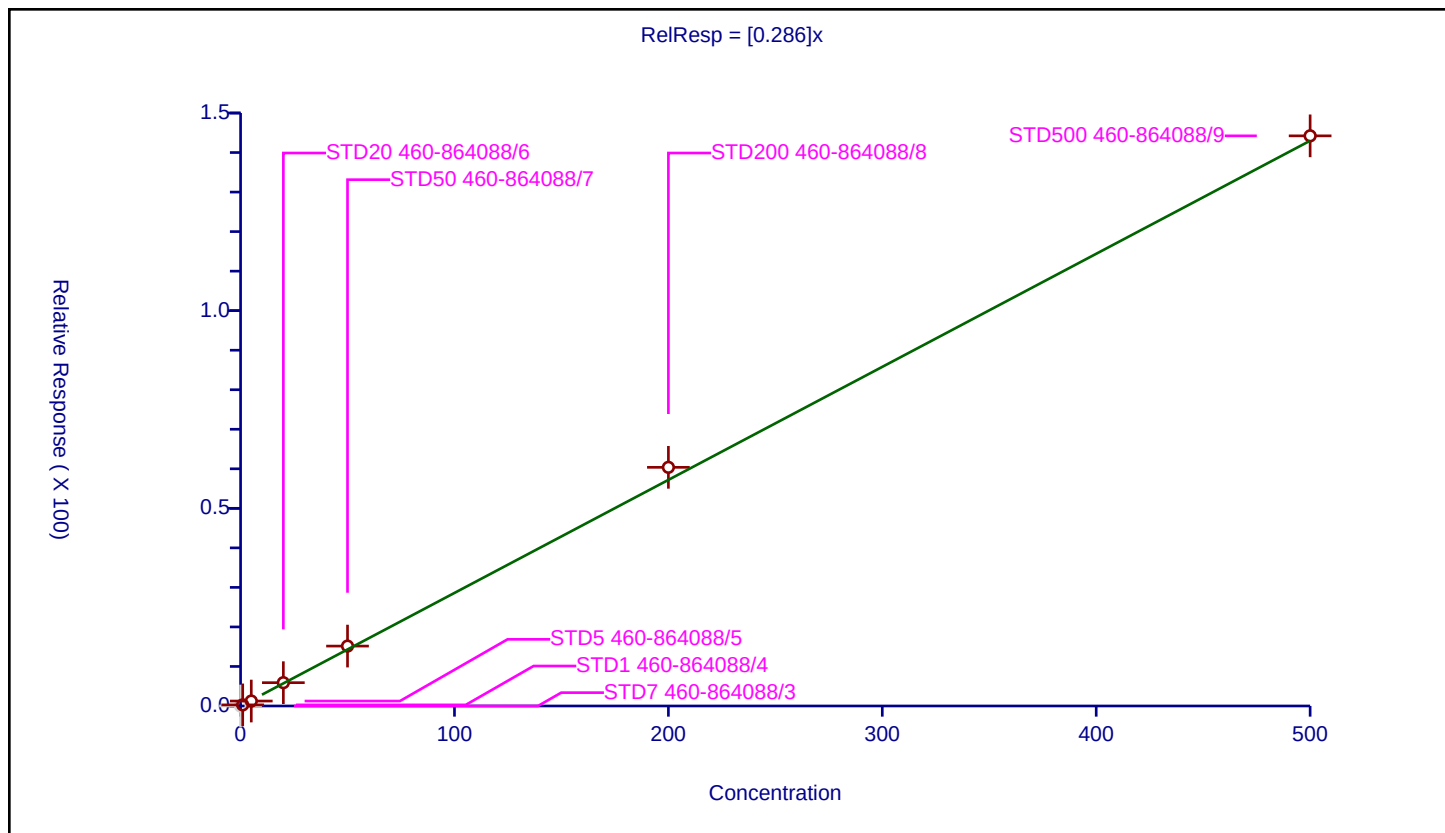
Curve Coefficients

Intercept: 0
 Slope: 0.286

Error Coefficients

Standard Error: 597000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.276882	50.0	346899.0	0.276882	Y
3	STD5 460-864088/5	5.0	1.252723	50.0	345647.0	0.250545	Y
4	STD20 460-864088/6	20.0	5.898898	50.0	358389.0	0.294945	Y
5	STD50 460-864088/7	50.0	15.1568	50.0	362946.0	0.303136	Y
6	STD200 460-864088/8	200.0	60.371339	50.0	385389.0	0.301857	Y
7	STD500 460-864088/9	500.0	144.223016	50.0	432094.0	0.288446	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

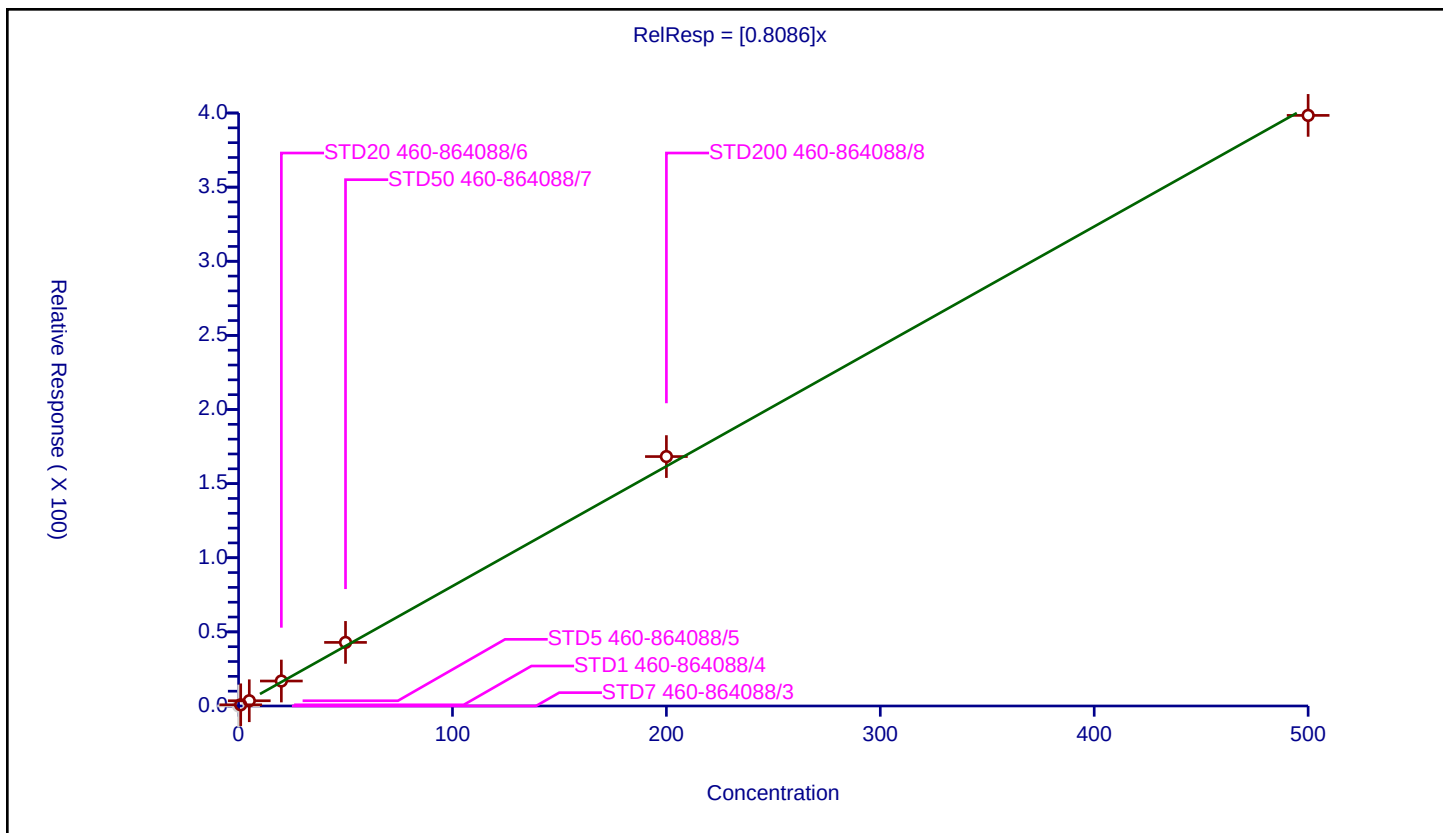
Curve Coefficients

Intercept: 0
 Slope: 0.8086

Error Coefficients

Standard Error: 1650000
 Relative Standard Error: 6.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.805854	50.0	346899.0	0.805854	Y
3	STD5 460-864088/5	5.0	3.535254	50.0	345647.0	0.707051	Y
4	STD20 460-864088/6	20.0	16.850964	50.0	358389.0	0.842548	Y
5	STD50 460-864088/7	50.0	42.891229	50.0	362946.0	0.857825	Y
6	STD200 460-864088/8	200.0	168.263235	50.0	385389.0	0.841316	Y
7	STD500 460-864088/9	500.0	398.391901	50.0	432094.0	0.796784	Y



Calibration

/ Ethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

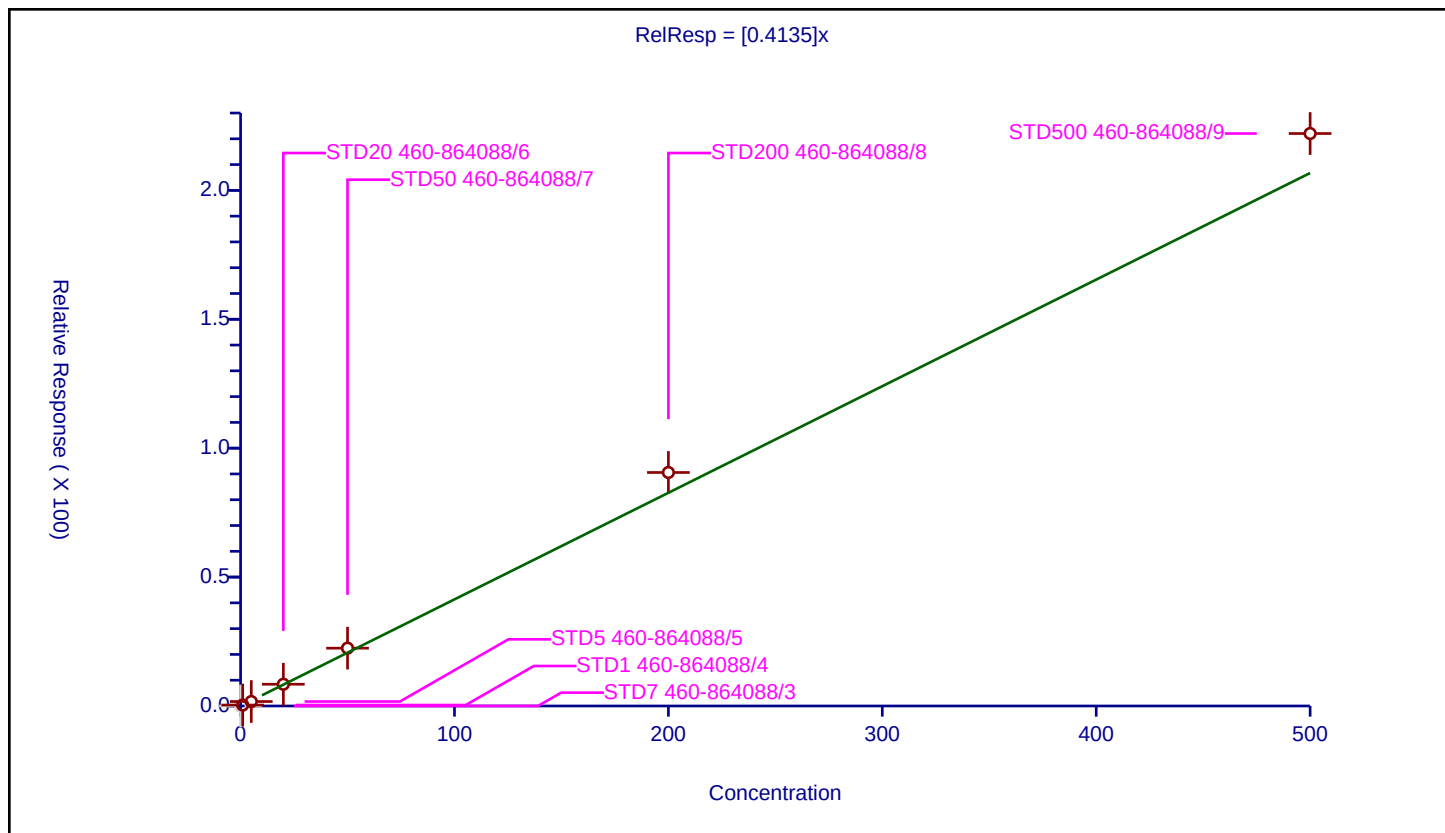
Curve Coefficients

Intercept: 0
 Slope: 0.4135

Error Coefficients

Standard Error: 916000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.367542	50.0	346899.0	0.367542	Y
3	STD5 460-864088/5	5.0	1.728642	50.0	345647.0	0.345728	Y
4	STD20 460-864088/6	20.0	8.436782	50.0	358389.0	0.421839	Y
5	STD50 460-864088/7	50.0	22.434054	50.0	362946.0	0.448681	Y
6	STD200 460-864088/8	200.0	90.569918	50.0	385389.0	0.45285	Y
7	STD500 460-864088/9	500.0	222.044509	50.0	432094.0	0.444089	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

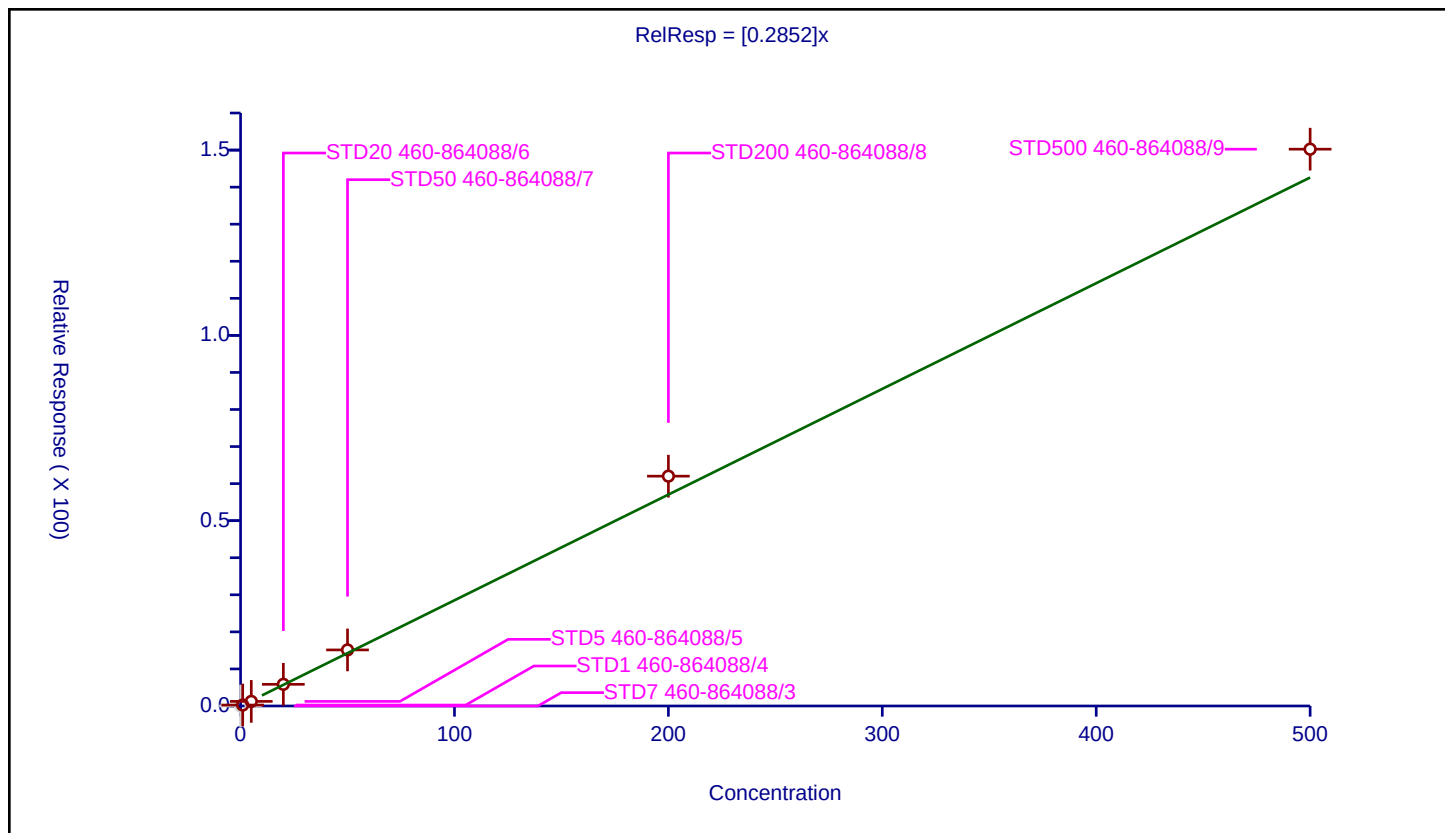
Curve Coefficients

Intercept: 0
Slope: 0.2852

Error Coefficients

Standard Error: 621000
Relative Standard Error: 9.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.256991	50.0	346899.0	0.256991	Y
3	STD5 460-864088/5	5.0	1.243031	50.0	345647.0	0.248606	Y
4	STD20 460-864088/6	20.0	5.848812	50.0	358389.0	0.292441	Y
5	STD50 460-864088/7	50.0	15.128421	50.0	362946.0	0.302568	Y
6	STD200 460-864088/8	200.0	62.013187	50.0	385389.0	0.310066	Y
7	STD500 460-864088/9	500.0	150.244738	50.0	432094.0	0.300489	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

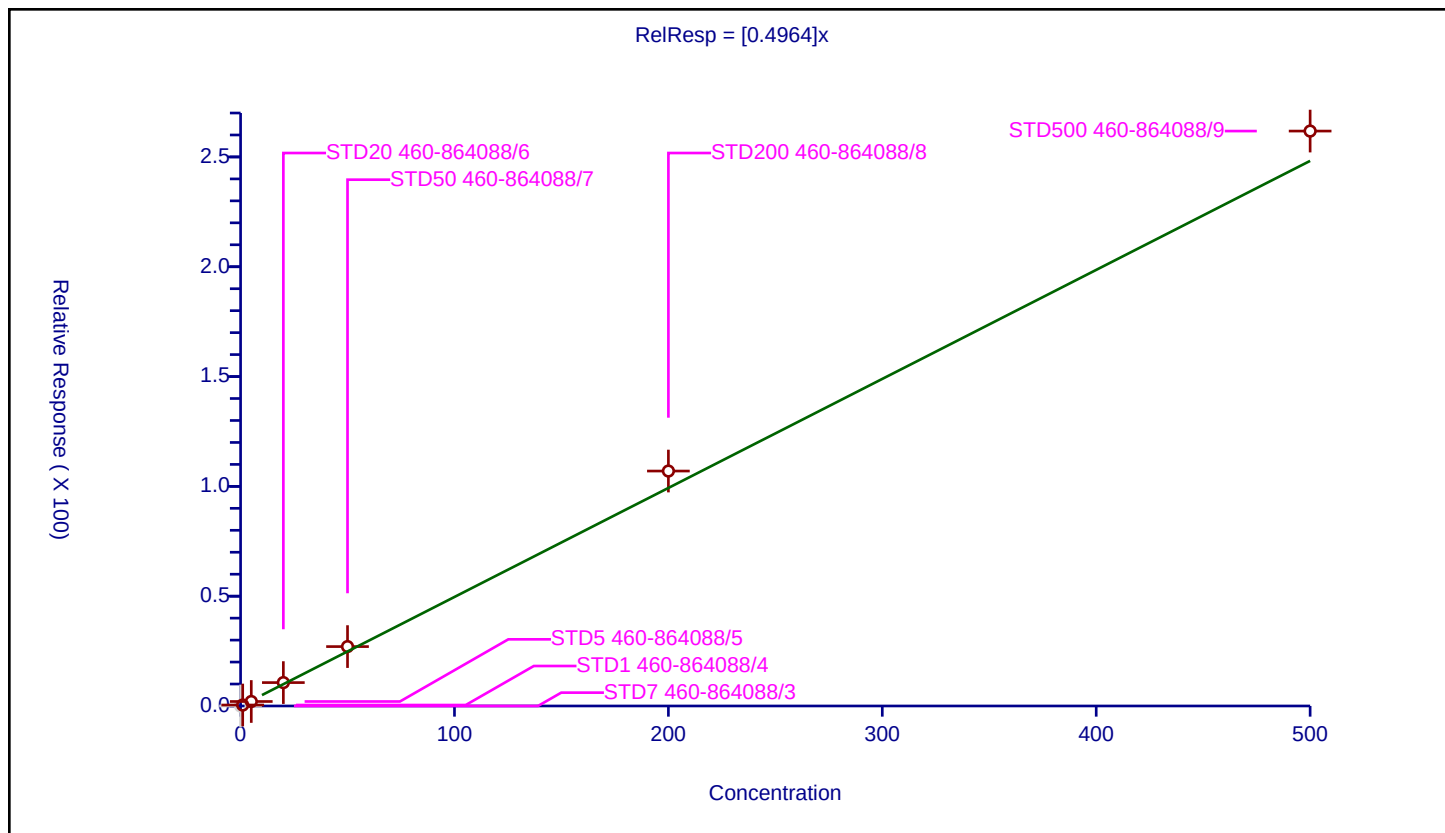
Curve Coefficients

Intercept: 0
 Slope: 0.4964

Error Coefficients

Standard Error: 1080000
 Relative Standard Error: 11.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.437015	50.0	346899.0	0.437015	Y
3	STD5 460-864088/5	5.0	2.047609	50.0	345647.0	0.409522	Y
4	STD20 460-864088/6	20.0	10.65295	50.0	358389.0	0.532647	Y
5	STD50 460-864088/7	50.0	27.043555	50.0	362946.0	0.540871	Y
6	STD200 460-864088/8	200.0	106.97503	50.0	385389.0	0.534875	Y
7	STD500 460-864088/9	500.0	261.775678	50.0	432094.0	0.523551	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

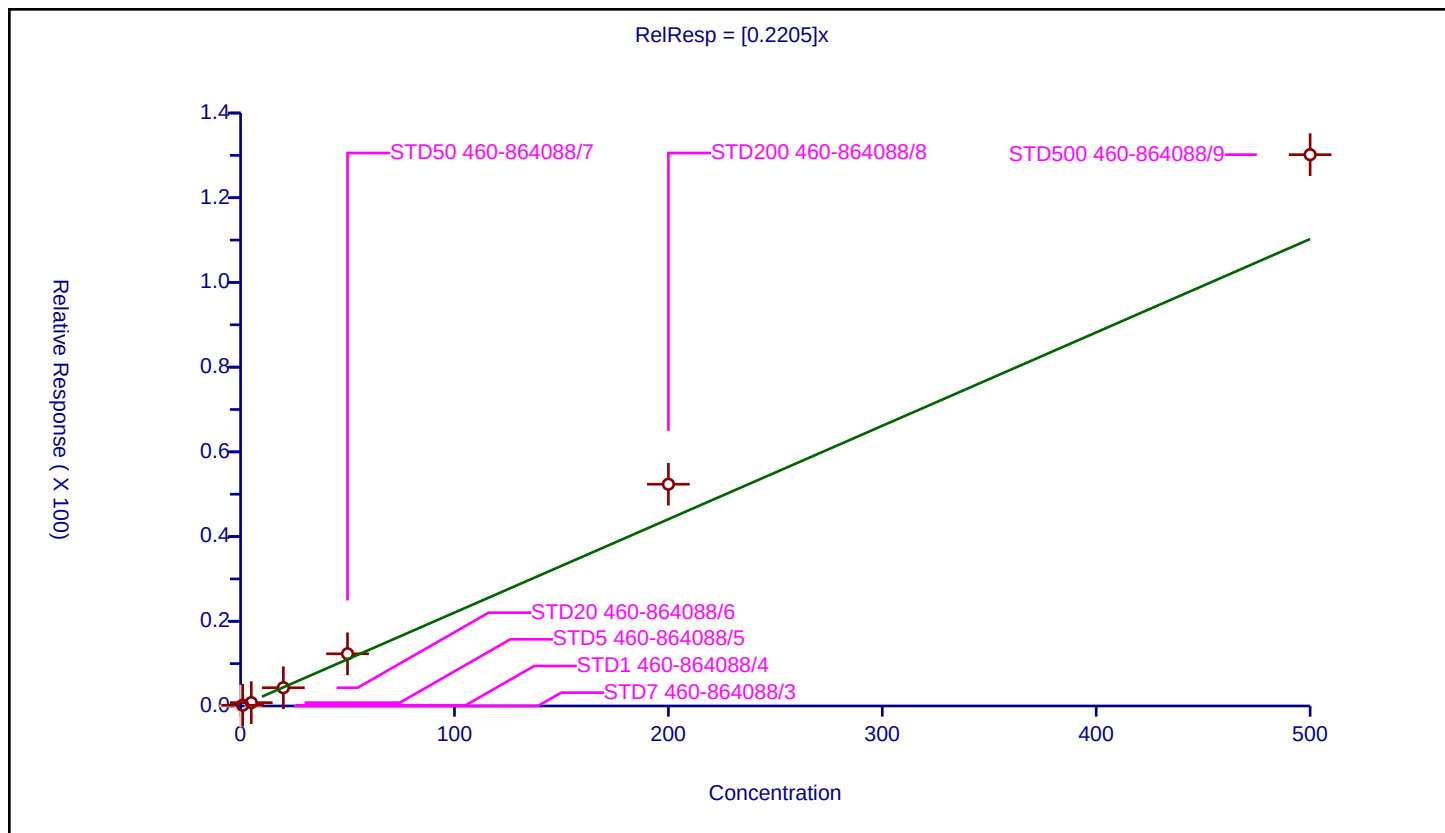
Curve Coefficients

Intercept: 0
 Slope: 0.2205

Error Coefficients

Standard Error: 536000
 Relative Standard Error: 19.7
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.180456	50.0	346899.0	0.180456	Y
3	STD5 460-864088/5	5.0	0.793006	50.0	345647.0	0.158601	Y
4	STD20 460-864088/6	20.0	4.307749	50.0	358389.0	0.215387	Y
5	STD50 460-864088/7	50.0	12.324147	50.0	362946.0	0.246483	Y
6	STD200 460-864088/8	200.0	52.357618	50.0	385389.0	0.261788	Y
7	STD500 460-864088/9	500.0	130.168088	50.0	432094.0	0.260336	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

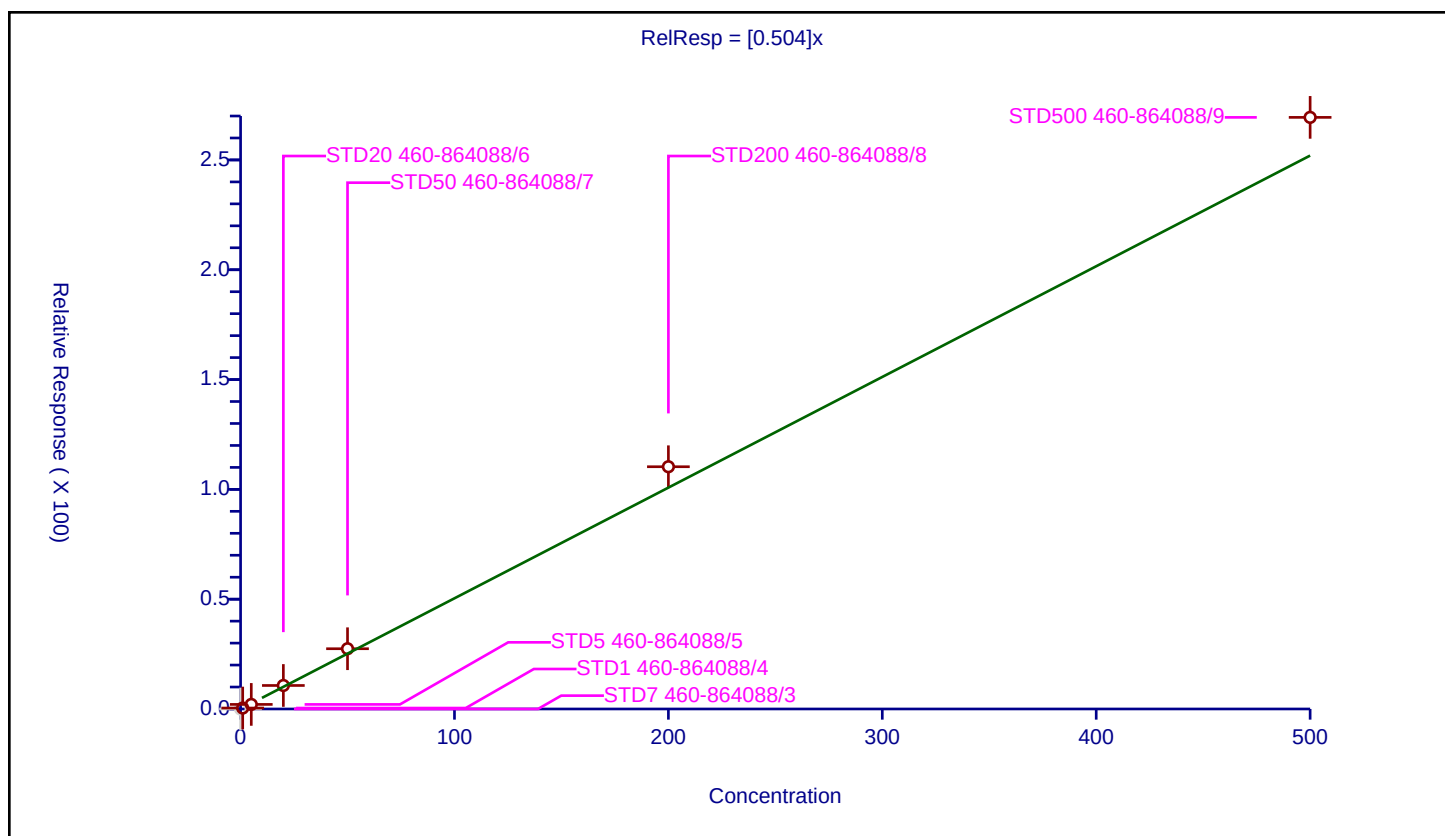
Curve Coefficients

Intercept: 0
 Slope: 0.504

Error Coefficients

Standard Error: 1110000
 Relative Standard Error: 12.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.433988	50.0	346899.0	0.433988	Y
3	STD5 460-864088/5	5.0	2.078566	50.0	345647.0	0.415713	Y
4	STD20 460-864088/6	20.0	10.703593	50.0	358389.0	0.53518	Y
5	STD50 460-864088/7	50.0	27.429425	50.0	362946.0	0.548588	Y
6	STD200 460-864088/8	200.0	110.309324	50.0	385389.0	0.551547	Y
7	STD500 460-864088/9	500.0	269.379117	50.0	432094.0	0.538758	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

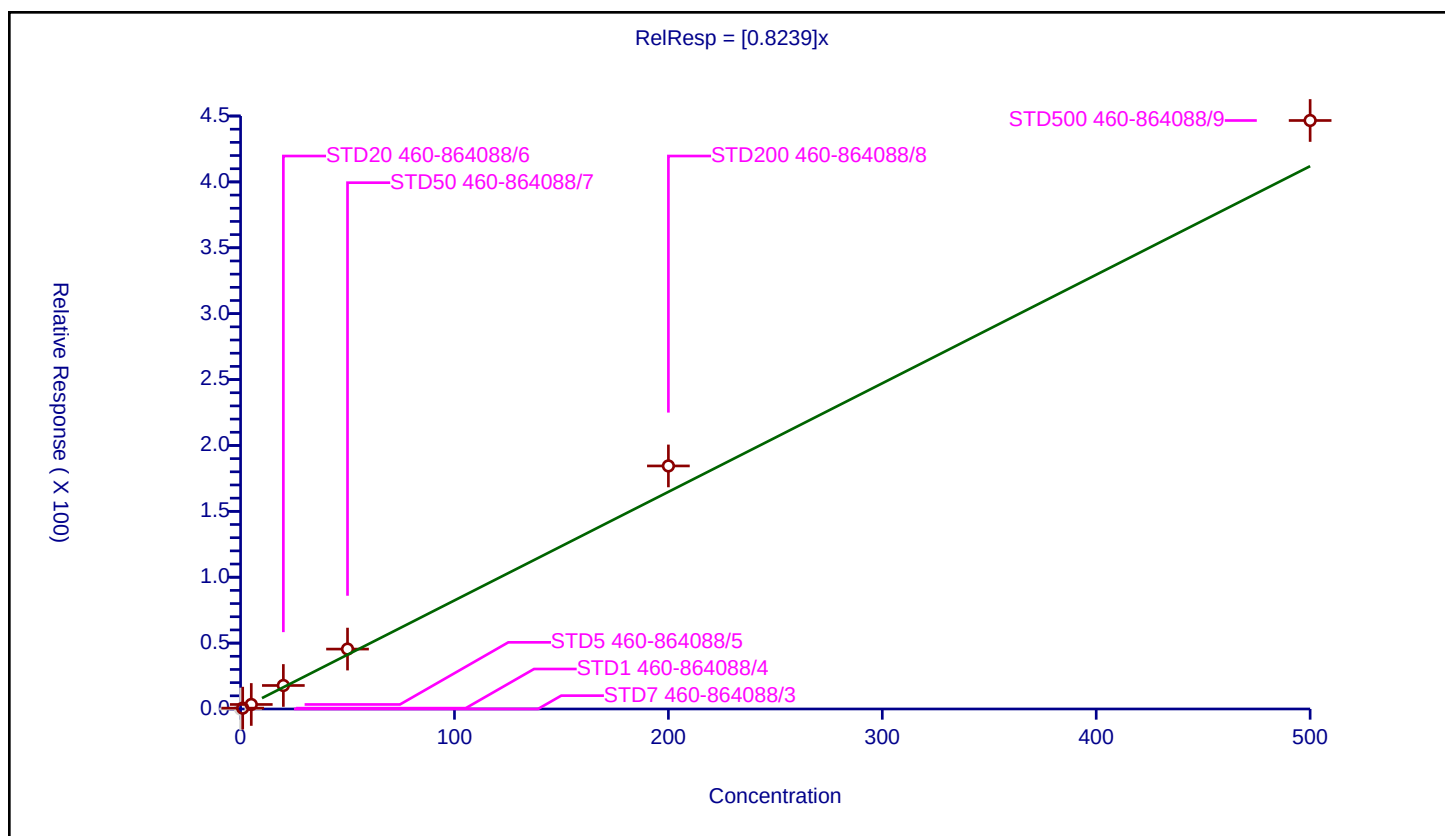
Curve Coefficients

Intercept: 0
Slope: 0.8239

Error Coefficients

Standard Error: 1850000
Relative Standard Error: 15.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.642694	50.0	346899.0	0.642694	Y
3	STD5 460-864088/5	5.0	3.420397	50.0	345647.0	0.684079	Y
4	STD20 460-864088/6	20.0	17.83495	50.0	358389.0	0.891748	Y
5	STD50 460-864088/7	50.0	45.466681	50.0	362946.0	0.909334	Y
6	STD200 460-864088/8	200.0	184.450776	50.0	385389.0	0.922254	Y
7	STD500 460-864088/9	500.0	446.600855	50.0	432094.0	0.893202	Y



Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

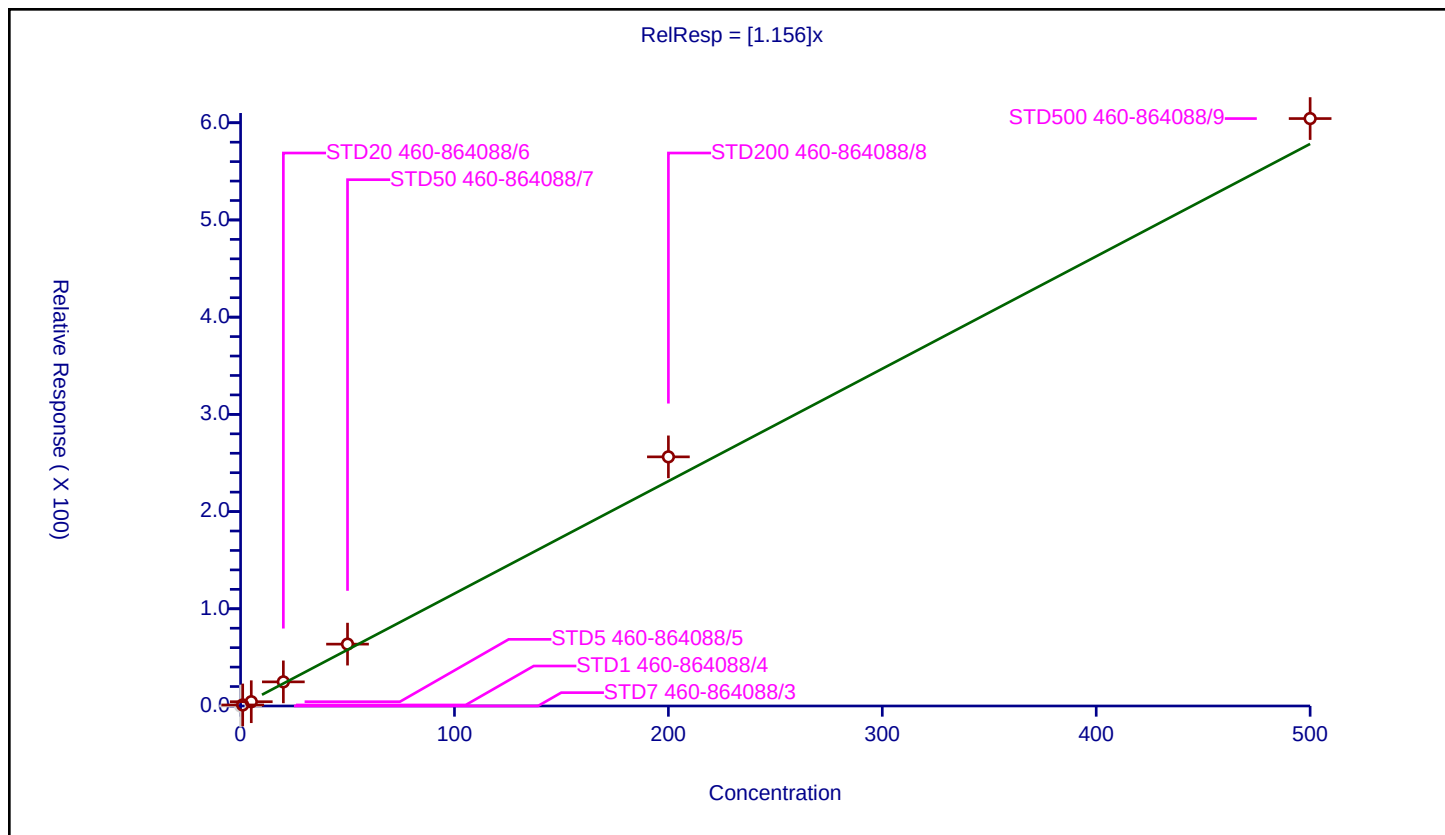
Curve Coefficients

Intercept: 0
 Slope: 1.156

Error Coefficients

Standard Error: 1410000
 Relative Standard Error: 13.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.053753	50.0	189181.0	1.053753	Y
3	STD5 460-864088/5	5.0	4.40837	50.0	192316.0	0.881674	Y
4	STD20 460-864088/6	20.0	24.807088	50.0	188817.0	1.240354	Y
5	STD50 460-864088/7	50.0	63.630849	50.0	200281.0	1.272617	Y
6	STD200 460-864088/8	200.0	256.281623	50.0	215231.0	1.281408	Y
7	STD500 460-864088/9	500.0	604.298968	50.0	243163.0	1.208598	Y



Calibration

/ Bromoform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

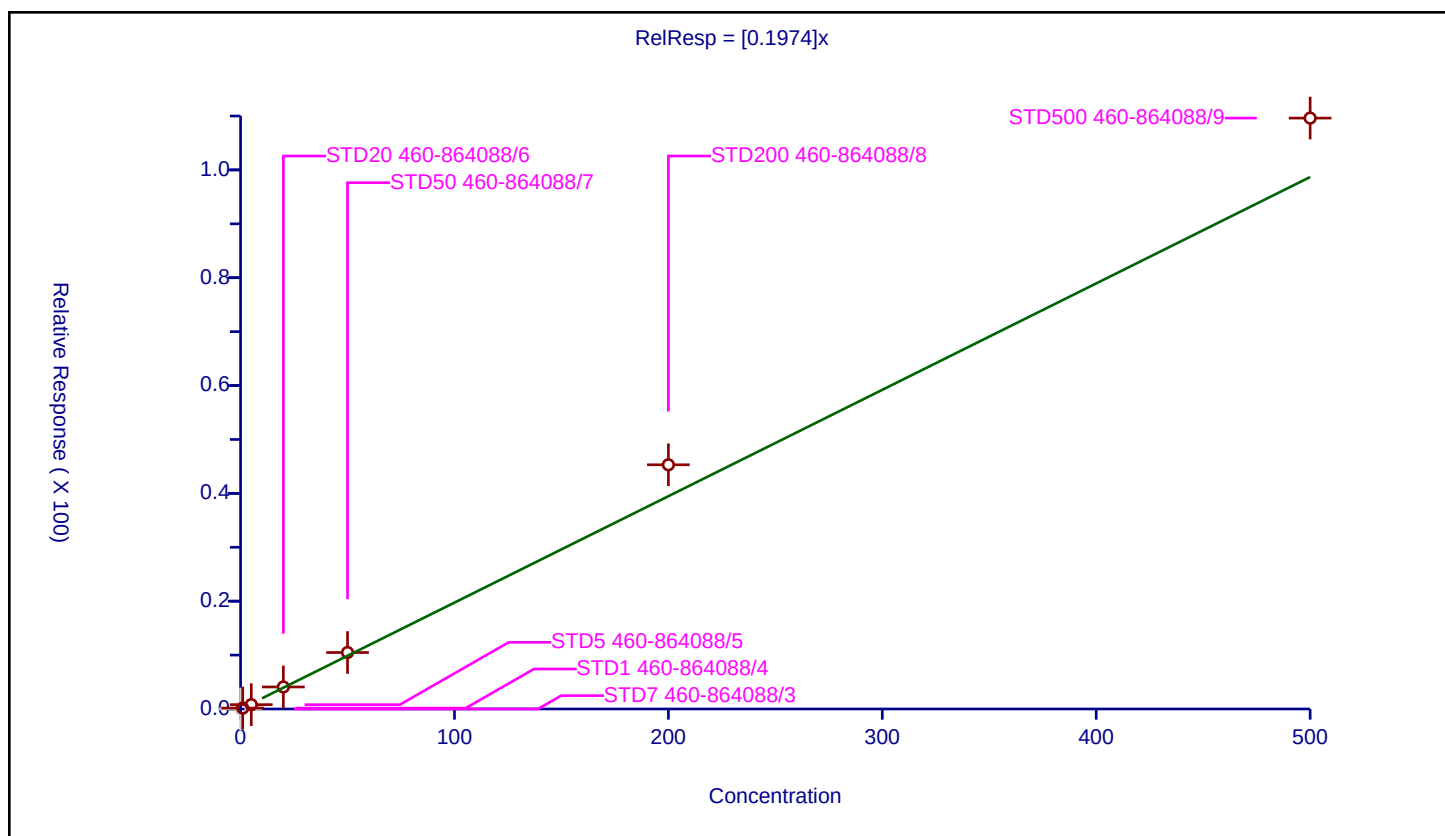
Curve Coefficients

Intercept: 0
 Slope: 0.1974

Error Coefficients

Standard Error: 453000
 Relative Standard Error: 14.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	0.164169	50.0	346899.0	0.164169	Y
3	STD5 460-864088/5	5.0	0.803276	50.0	345647.0	0.160655	Y
4	STD20 460-864088/6	20.0	4.08118	50.0	358389.0	0.204059	Y
5	STD50 460-864088/7	50.0	10.476627	50.0	362946.0	0.209533	Y
6	STD200 460-864088/8	200.0	45.300463	50.0	385389.0	0.226502	Y
7	STD500 460-864088/9	500.0	109.61226	50.0	432094.0	0.219225	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

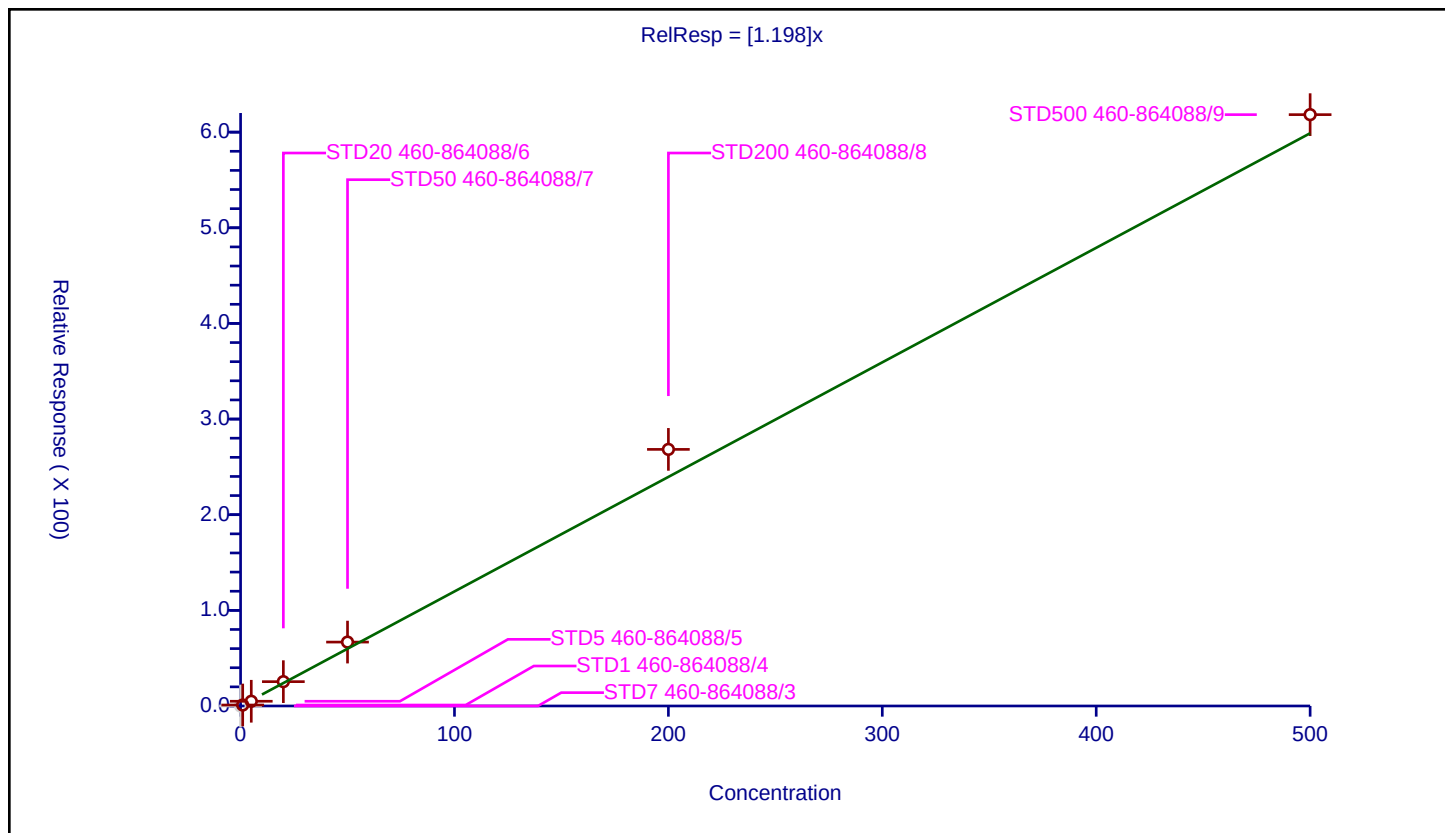
Curve Coefficients

Intercept: 0
 Slope: 1.198

Error Coefficients

Standard Error: 2570000
 Relative Standard Error: 13.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	353969.0	NaN	N
2	STD1 460-864088/4	1.0	1.00966	50.0	346899.0	1.00966	Y
3	STD5 460-864088/5	5.0	4.943917	50.0	345647.0	0.988783	Y
4	STD20 460-864088/6	20.0	25.455162	50.0	358389.0	1.272758	Y
5	STD50 460-864088/7	50.0	66.831429	50.0	362946.0	1.336629	Y
6	STD200 460-864088/8	200.0	268.292556	50.0	385389.0	1.341463	Y
7	STD500 460-864088/9	500.0	618.3003	50.0	432094.0	1.236601	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

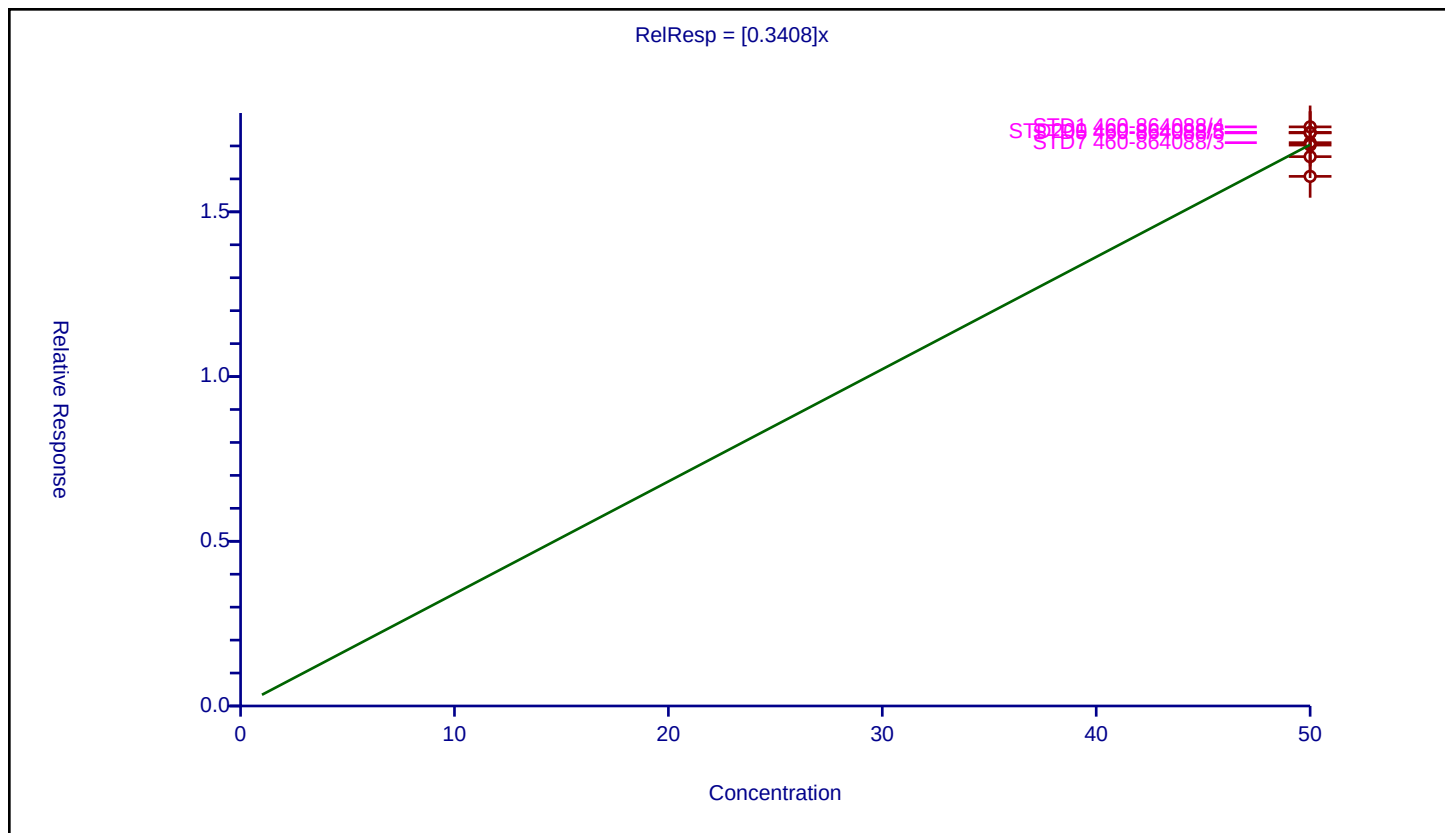
Curve Coefficients

Intercept: 0
 Slope: 0.3408

Error Coefficients

Standard Error: 136000
 Relative Standard Error: 3.1
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	50.0	17.099944	50.0	353969.0	0.341999	Y
2	STD1 460-864088/4	50.0	17.579036	50.0	346899.0	0.351581	Y
3	STD5 460-864088/5	50.0	17.39665	50.0	345647.0	0.347933	Y
4	STD20 460-864088/6	50.0	16.076944	50.0	358389.0	0.321539	Y
5	STD50 460-864088/7	50.0	17.025949	50.0	362946.0	0.340519	Y
6	STD200 460-864088/8	50.0	17.412017	50.0	385389.0	0.34824	Y
7	STD500 460-864088/9	50.0	16.675307	50.0	432094.0	0.333506	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

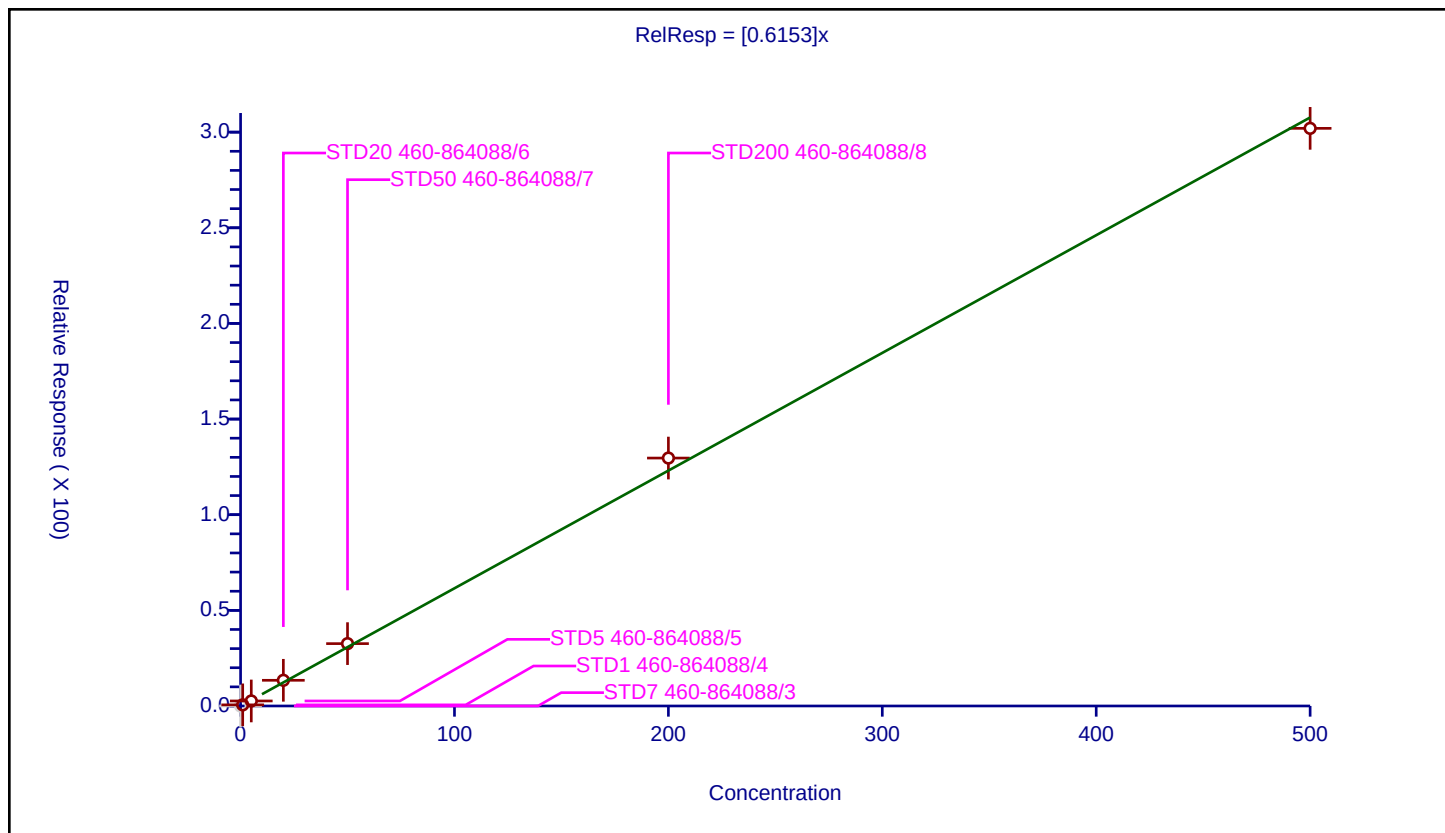
Curve Coefficients

Intercept: 0
 Slope: 0.6153

Error Coefficients

Standard Error: 705000
 Relative Standard Error: 8.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.589647	50.0	189181.0	0.589647	Y
3	STD5 460-864088/5	5.0	2.633426	50.0	192316.0	0.526685	Y
4	STD20 460-864088/6	20.0	13.427816	50.0	188817.0	0.671391	Y
5	STD50 460-864088/7	50.0	32.602444	50.0	200281.0	0.652049	Y
6	STD200 460-864088/8	200.0	129.622127	50.0	215231.0	0.648111	Y
7	STD500 460-864088/9	500.0	301.987967	50.0	243163.0	0.603976	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

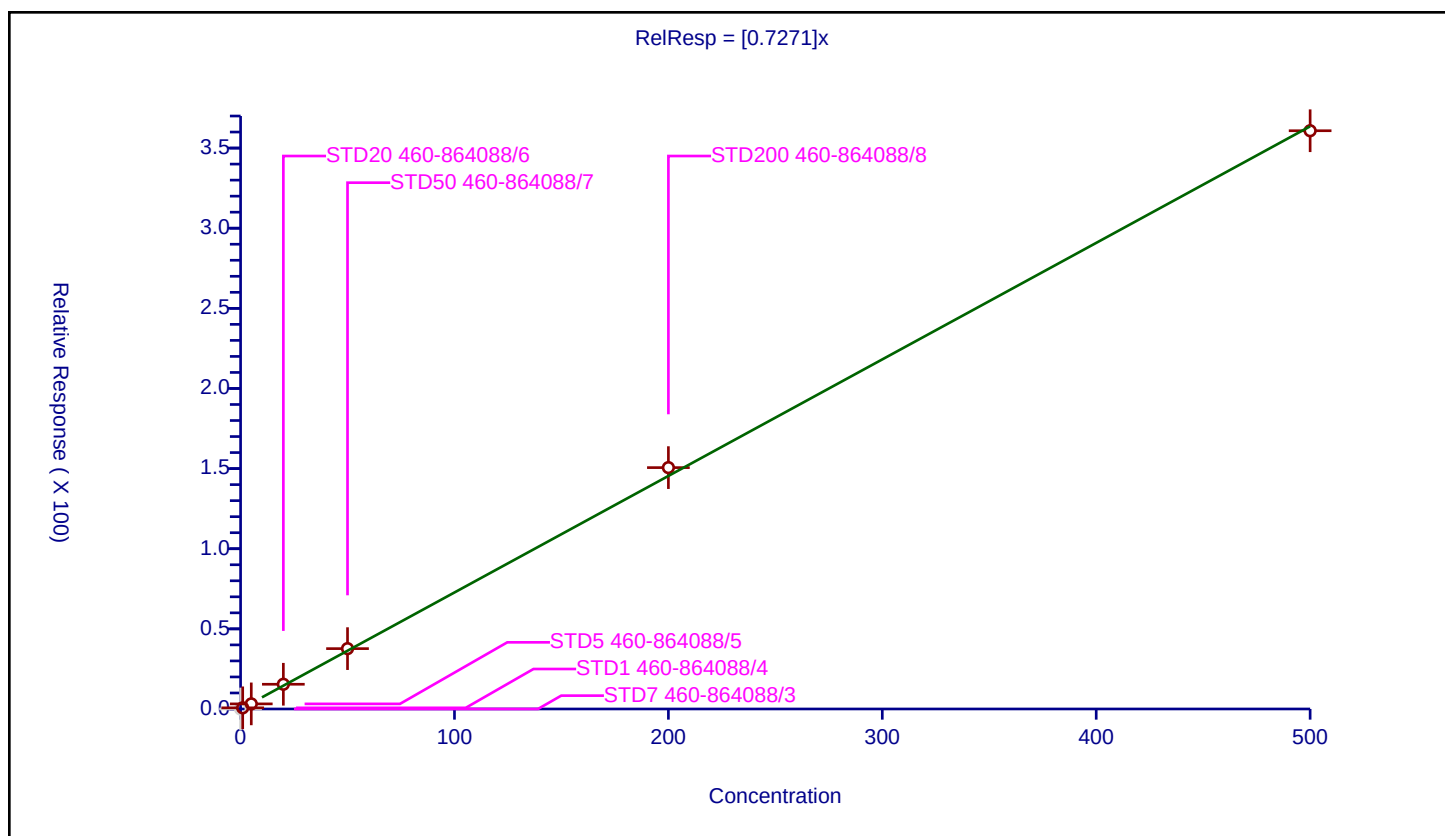
Curve Coefficients

Intercept: 0
 Slope: 0.7271

Error Coefficients

Standard Error: 840000
 Relative Standard Error: 6.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.725496	50.0	189181.0	0.725496	Y
3	STD5 460-864088/5	5.0	3.185902	50.0	192316.0	0.63718	Y
4	STD20 460-864088/6	20.0	15.435051	50.0	188817.0	0.771753	Y
5	STD50 460-864088/7	50.0	37.669574	50.0	200281.0	0.753391	Y
6	STD200 460-864088/8	200.0	150.618173	50.0	215231.0	0.753091	Y
7	STD500 460-864088/9	500.0	360.808593	50.0	243163.0	0.721617	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

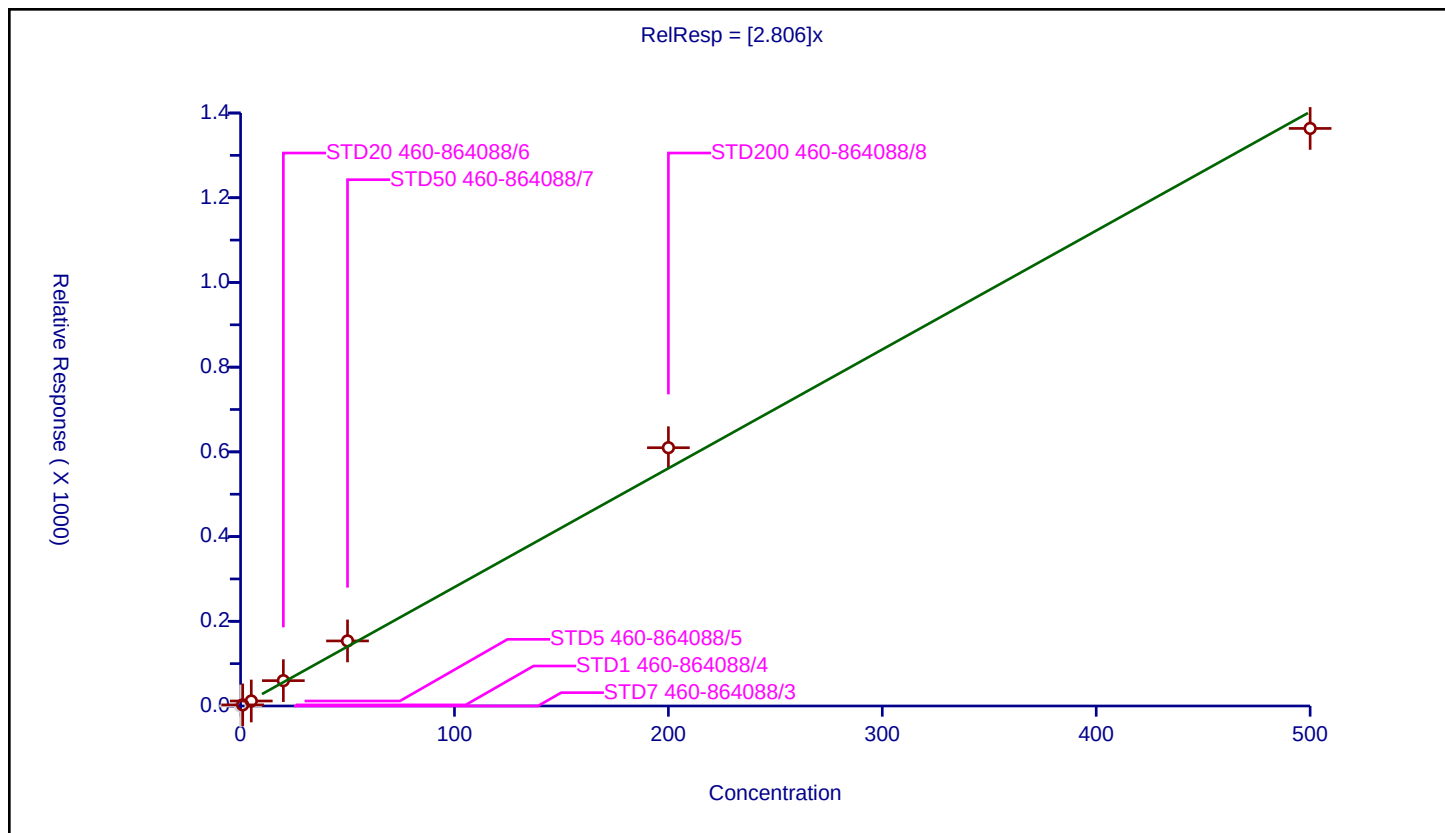
Curve Coefficients

Intercept: 0
 Slope: 2.806

Error Coefficients

Standard Error: 3200000
 Relative Standard Error: 10.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	2.640064	50.0	189181.0	2.640064	Y
3	STD5 460-864088/5	5.0	11.775411	50.0	192316.0	2.355082	Y
4	STD20 460-864088/6	20.0	59.830153	50.0	188817.0	2.991508	Y
5	STD50 460-864088/7	50.0	153.568736	50.0	200281.0	3.071375	Y
6	STD200 460-864088/8	200.0	609.787159	50.0	215231.0	3.048936	Y
7	STD500 460-864088/9	500.0	1363.602398	50.0	243163.0	2.727205	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

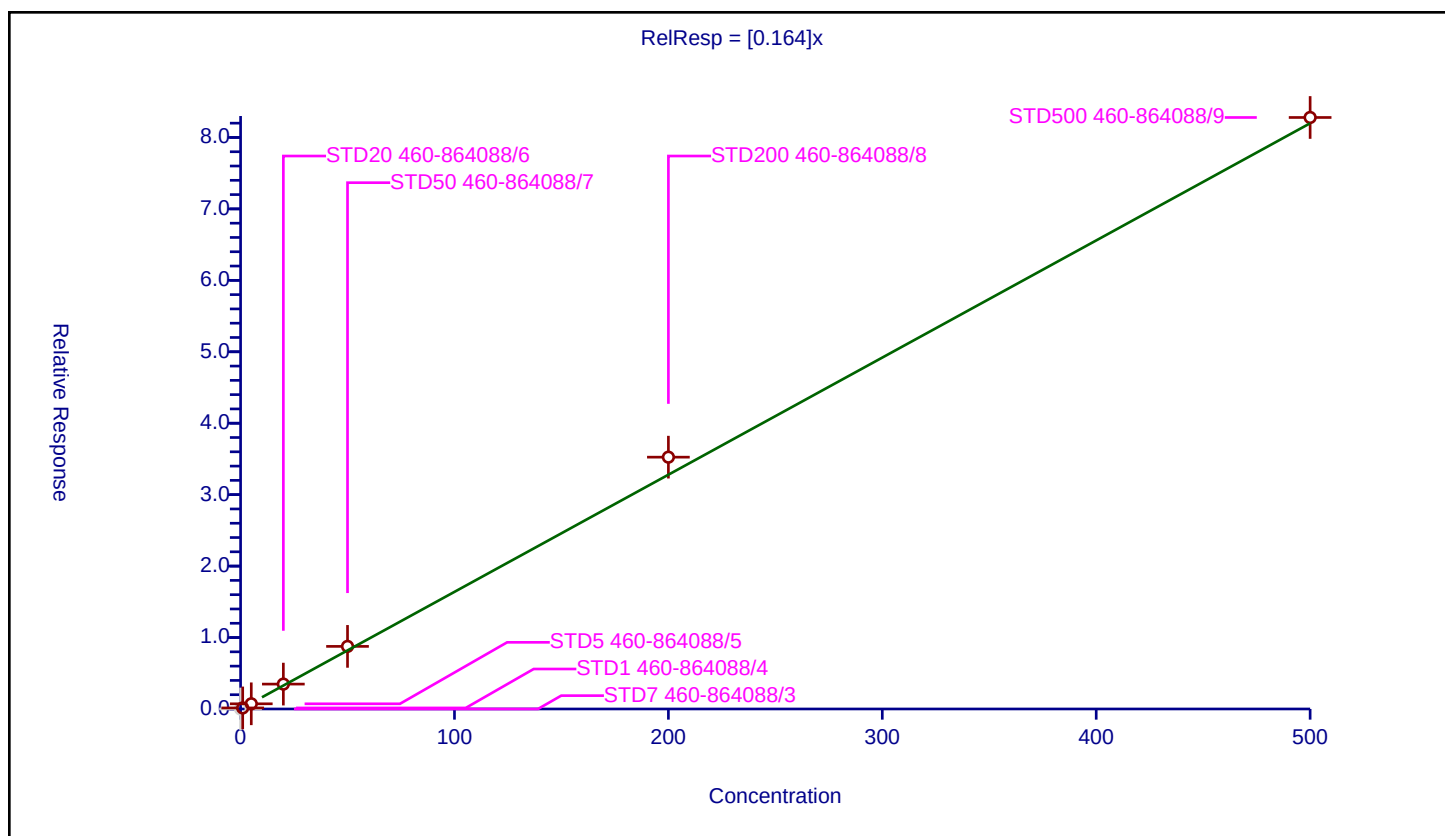
Curve Coefficients

Intercept: 0
 Slope: 0.164

Error Coefficients

Standard Error: 193000
 Relative Standard Error: 8.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.146949	50.0	189181.0	0.146949	Y
3	STD5 460-864088/5	5.0	0.727449	50.0	192316.0	0.14549	Y
4	STD20 460-864088/6	20.0	3.484591	50.0	188817.0	0.17423	Y
5	STD50 460-864088/7	50.0	8.762688	50.0	200281.0	0.175254	Y
6	STD200 460-864088/8	200.0	35.250034	50.0	215231.0	0.17625	Y
7	STD500 460-864088/9	500.0	82.794874	50.0	243163.0	0.16559	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

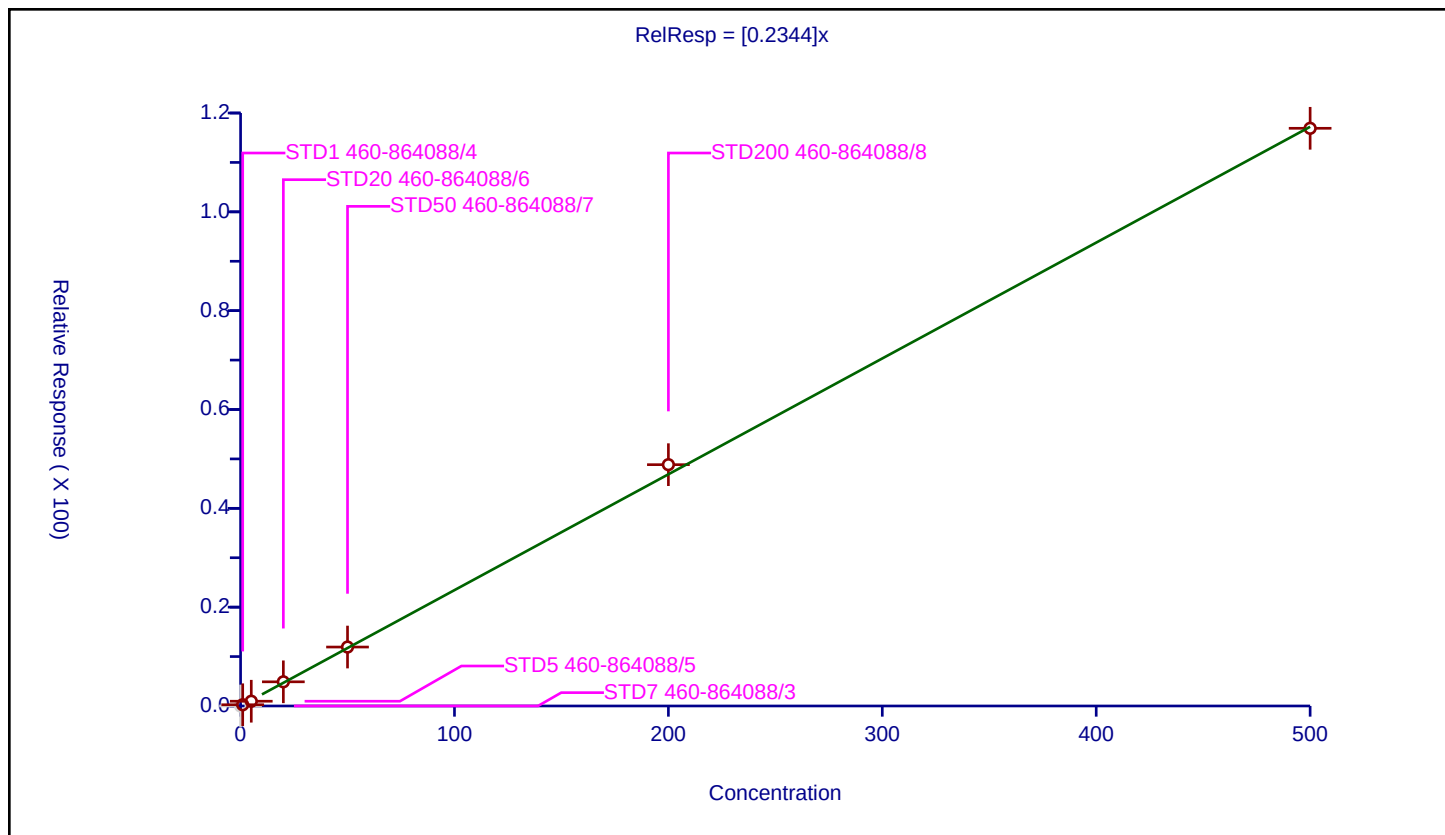
Curve Coefficients

Intercept: 0
 Slope: 0.2344

Error Coefficients

Standard Error: 272000
 Relative Standard Error: 9.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.252404	50.0	189181.0	0.252404	Y
3	STD5 460-864088/5	5.0	0.964818	50.0	192316.0	0.192964	Y
4	STD20 460-864088/6	20.0	4.892303	50.0	188817.0	0.244615	Y
5	STD50 460-864088/7	50.0	11.929239	50.0	200281.0	0.238585	Y
6	STD200 460-864088/8	200.0	48.837528	50.0	215231.0	0.244188	Y
7	STD500 460-864088/9	500.0	116.906561	50.0	243163.0	0.233813	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

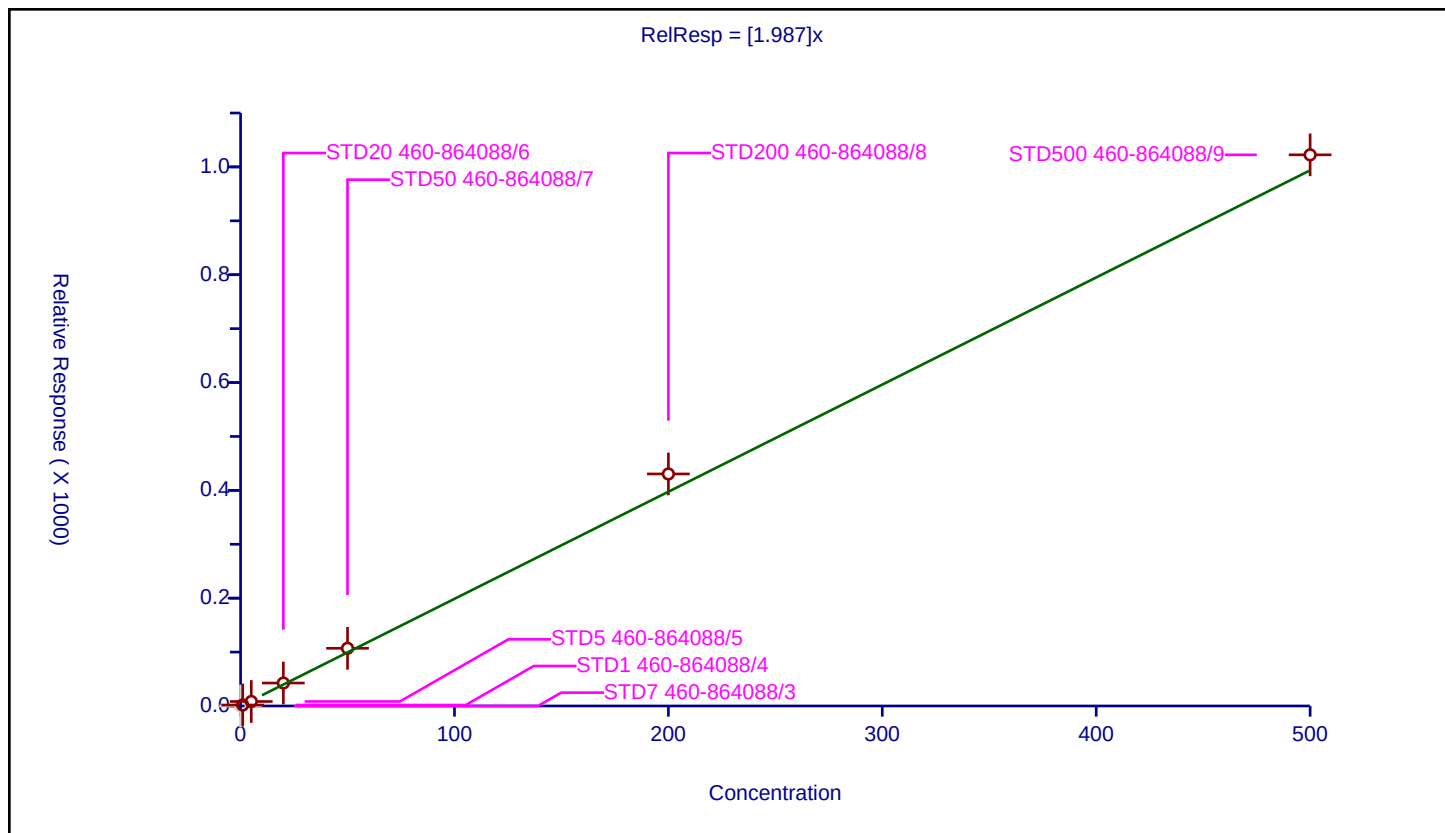
Curve Coefficients

Intercept: 0
 Slope: 1.987

Error Coefficients

Standard Error: 2380000
 Relative Standard Error: 10.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.78982	50.0	189181.0	1.78982	Y
3	STD5 460-864088/5	5.0	8.33706	50.0	192316.0	1.667412	Y
4	STD20 460-864088/6	20.0	42.579058	50.0	188817.0	2.128953	Y
5	STD50 460-864088/7	50.0	107.023881	50.0	200281.0	2.140478	Y
6	STD200 460-864088/8	200.0	430.454256	50.0	215231.0	2.152271	Y
7	STD500 460-864088/9	500.0	1022.447494	50.0	243163.0	2.044895	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

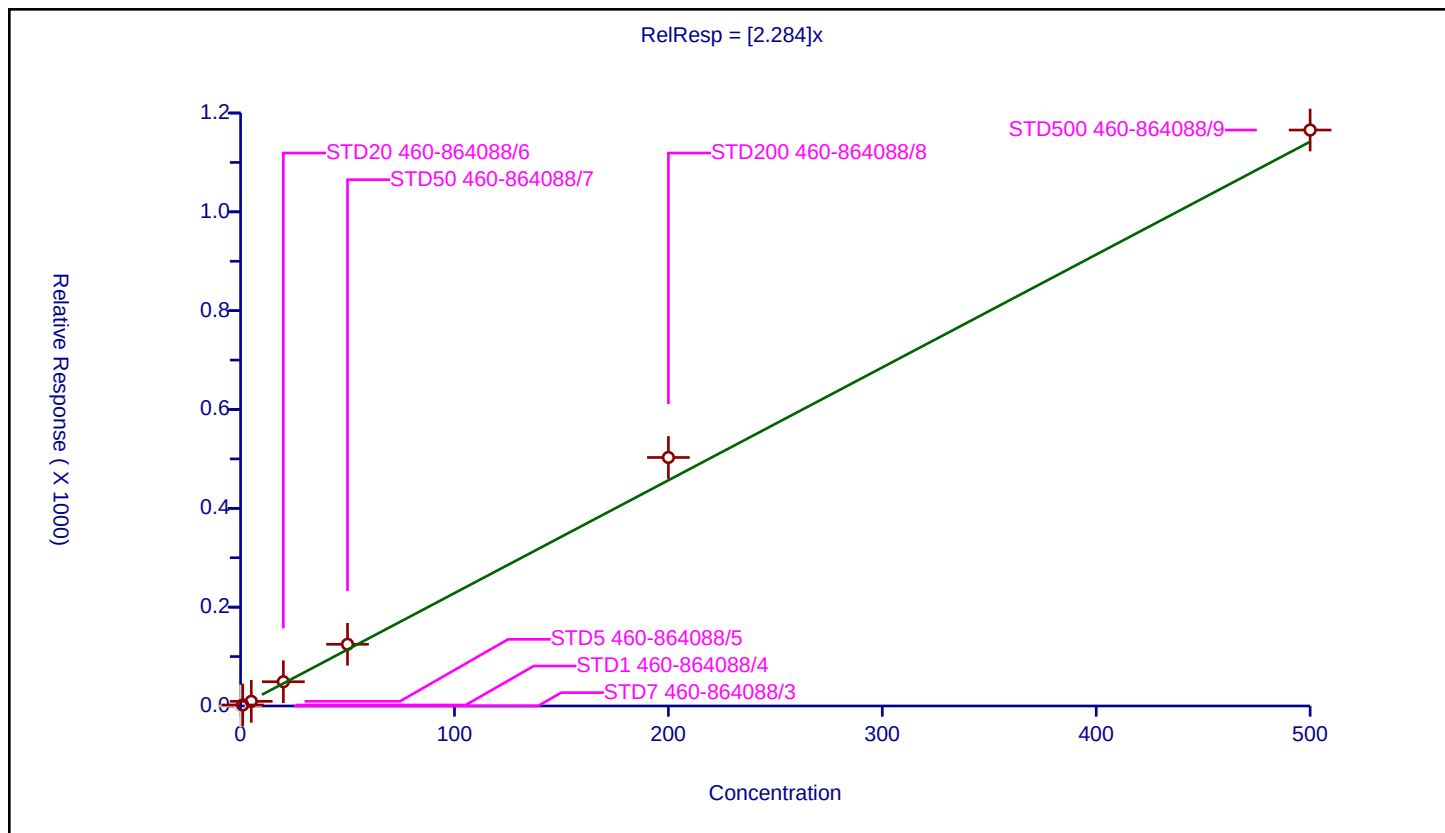
Curve Coefficients

Intercept: 0
 Slope: 2.284

Error Coefficients

Standard Error: 2720000
 Relative Standard Error: 11.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	2.021873	50.0	189181.0	2.021873	Y
3	STD5 460-864088/5	5.0	9.418873	50.0	192316.0	1.883775	Y
4	STD20 460-864088/6	20.0	49.102041	50.0	188817.0	2.455102	Y
5	STD50 460-864088/7	50.0	124.826619	50.0	200281.0	2.496532	Y
6	STD200 460-864088/8	200.0	502.910826	50.0	215231.0	2.514554	Y
7	STD500 460-864088/9	500.0	1165.587075	50.0	243163.0	2.331174	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

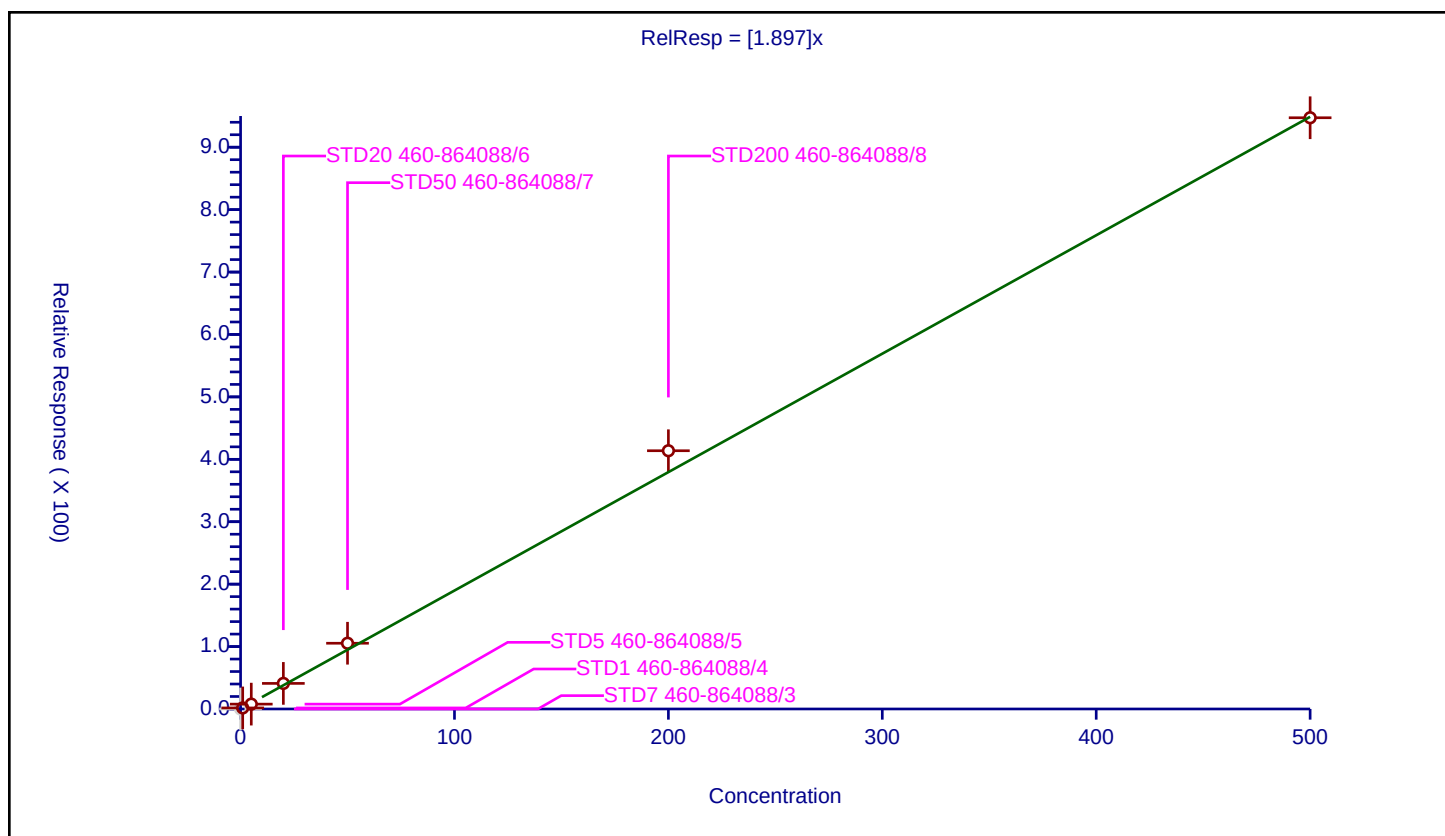
Curve Coefficients

Intercept: 0
Slope: 1.897

Error Coefficients

Standard Error: 2220000
Relative Standard Error: 11.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.700488	50.0	189181.0	1.700488	Y
3	STD5 460-864088/5	5.0	7.816302	50.0	192316.0	1.56326	Y
4	STD20 460-864088/6	20.0	41.012991	50.0	188817.0	2.05065	Y
5	STD50 460-864088/7	50.0	105.343742	50.0	200281.0	2.106875	Y
6	STD200 460-864088/8	200.0	413.743838	50.0	215231.0	2.068719	Y
7	STD500 460-864088/9	500.0	947.234982	50.0	243163.0	1.89447	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

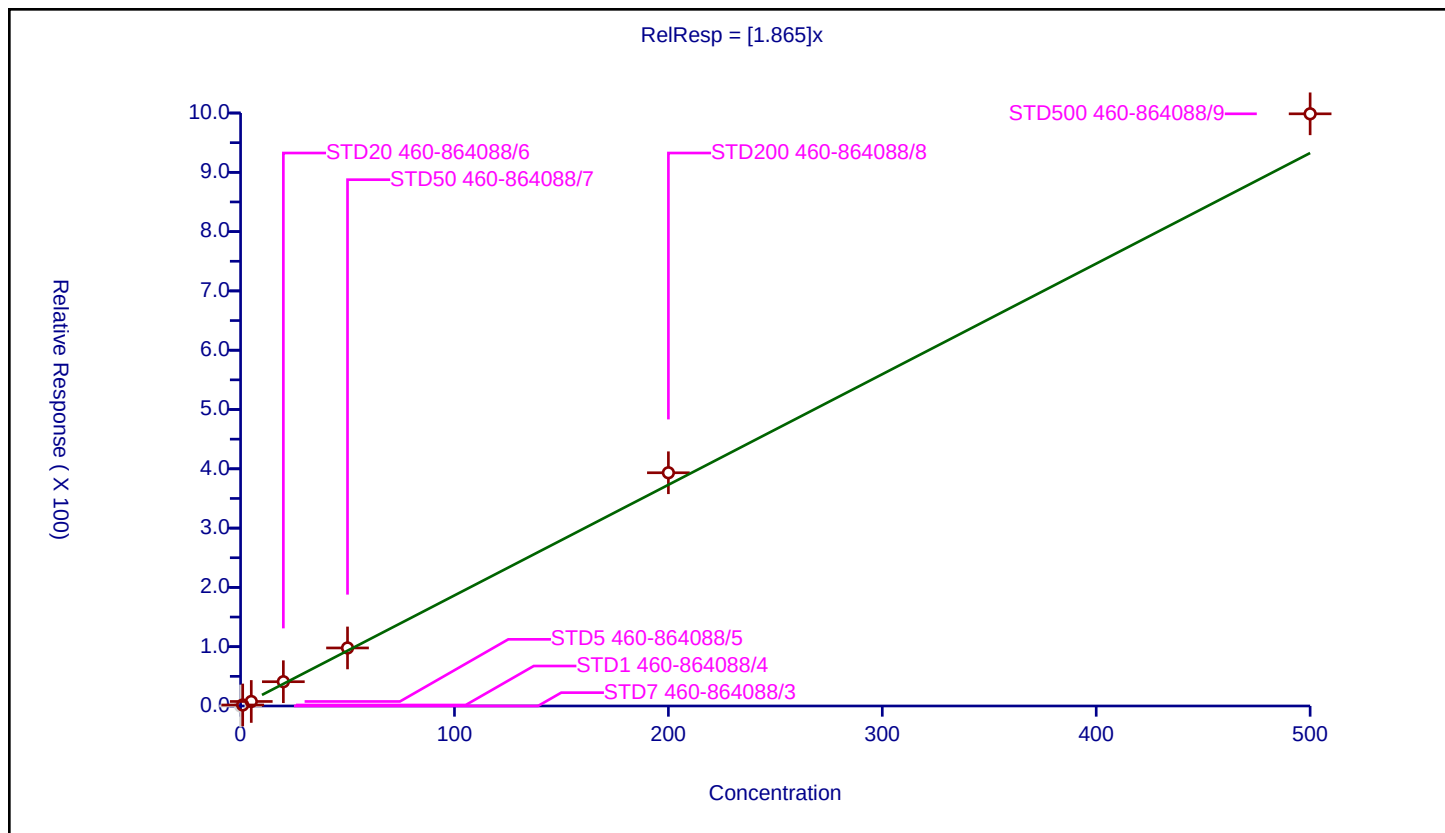
Curve Coefficients

Intercept: 0
 Slope: 1.865

Error Coefficients

Standard Error: 2310000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.698374	50.0	189181.0	1.698374	Y
3	STD5 460-864088/5	5.0	7.621311	50.0	192316.0	1.524262	Y
4	STD20 460-864088/6	20.0	40.924281	50.0	188817.0	2.046214	Y
5	STD50 460-864088/7	50.0	97.876484	50.0	200281.0	1.95753	Y
6	STD200 460-864088/8	200.0	393.335068	50.0	215231.0	1.966675	Y
7	STD500 460-864088/9	500.0	998.636923	50.0	243163.0	1.997274	Y



Calibration

/ Butyl Methacrylate

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

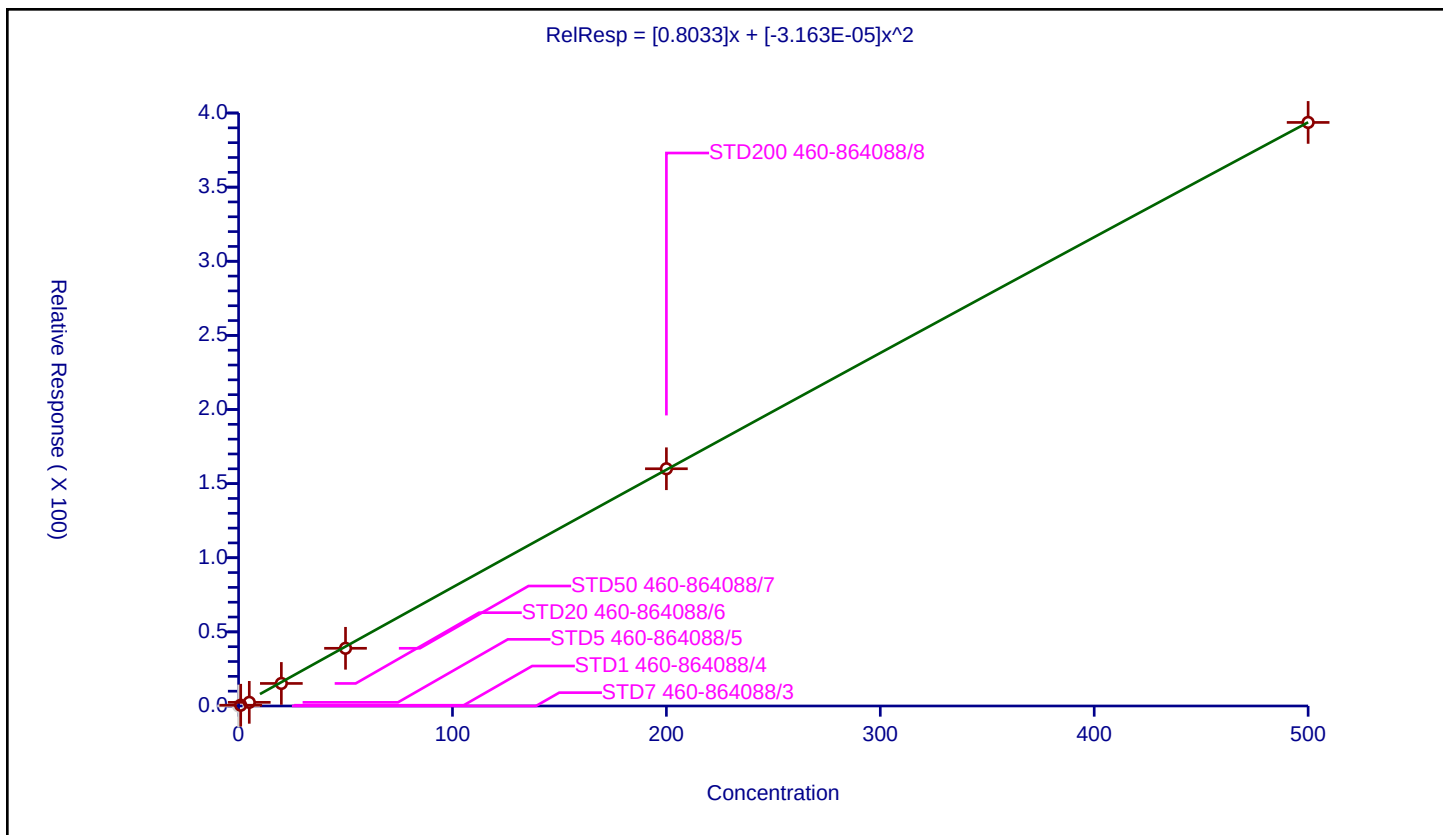
Curve Coefficients

Intercept: 0
 Slope: 0.8033
 Second Order: -3.163E-05

Error Coefficients

Standard Error: 1020000
 Relative Standard Error: 27.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.505336	50.0	189181.0	0.505336	Y
3	STD5 460-864088/5	5.0	2.449354	50.0	192316.0	0.489871	Y
4	STD20 460-864088/6	20.0	15.200167	50.0	188817.0	0.760008	Y
5	STD50 460-864088/7	50.0	38.919568	50.0	200281.0	0.778391	Y
6	STD200 460-864088/8	200.0	160.033406	50.0	215231.0	0.800167	Y
7	STD500 460-864088/9	500.0	393.647677	50.0	243163.0	0.787295	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

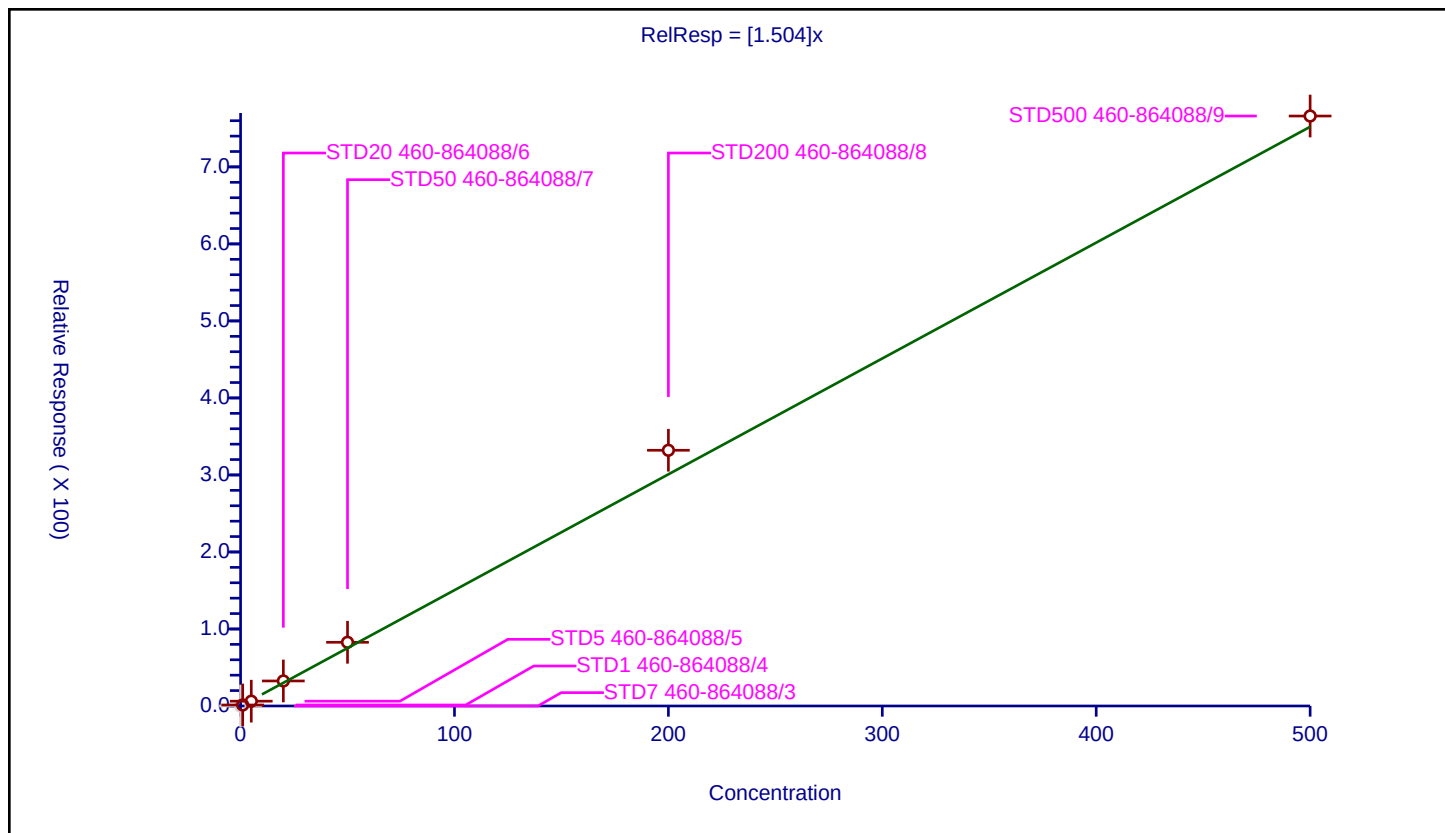
Curve Coefficients

Intercept: 0
 Slope: 1.504

Error Coefficients

Standard Error: 1790000
 Relative Standard Error: 12.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.305628	50.0	189181.0	1.305628	Y
3	STD5 460-864088/5	5.0	6.24051	50.0	192316.0	1.248102	Y
4	STD20 460-864088/6	20.0	32.496279	50.0	188817.0	1.624814	Y
5	STD50 460-864088/7	50.0	82.703801	50.0	200281.0	1.654076	Y
6	STD200 460-864088/8	200.0	332.04557	50.0	215231.0	1.660228	Y
7	STD500 460-864088/9	500.0	766.081394	50.0	243163.0	1.532163	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

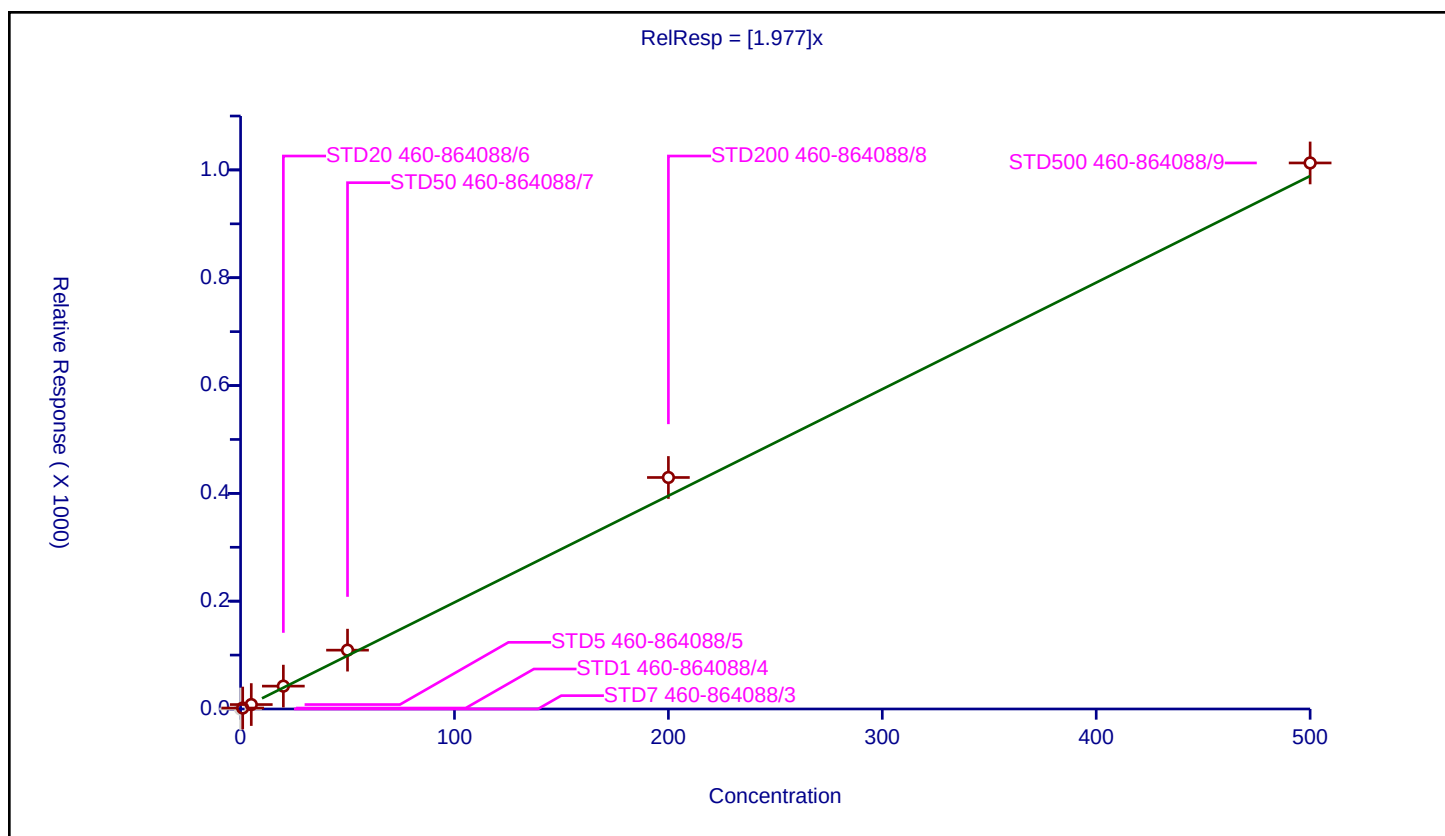
Curve Coefficients

Intercept: 0
 Slope: 1.977

Error Coefficients

Standard Error: 2360000
 Relative Standard Error: 11.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.739075	50.0	189181.0	1.739075	Y
3	STD5 460-864088/5	5.0	8.243464	50.0	192316.0	1.648693	Y
4	STD20 460-864088/6	20.0	42.418056	50.0	188817.0	2.120903	Y
5	STD50 460-864088/7	50.0	109.140158	50.0	200281.0	2.182803	Y
6	STD200 460-864088/8	200.0	429.451845	50.0	215231.0	2.147259	Y
7	STD500 460-864088/9	500.0	1012.93001	50.0	243163.0	2.02586	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

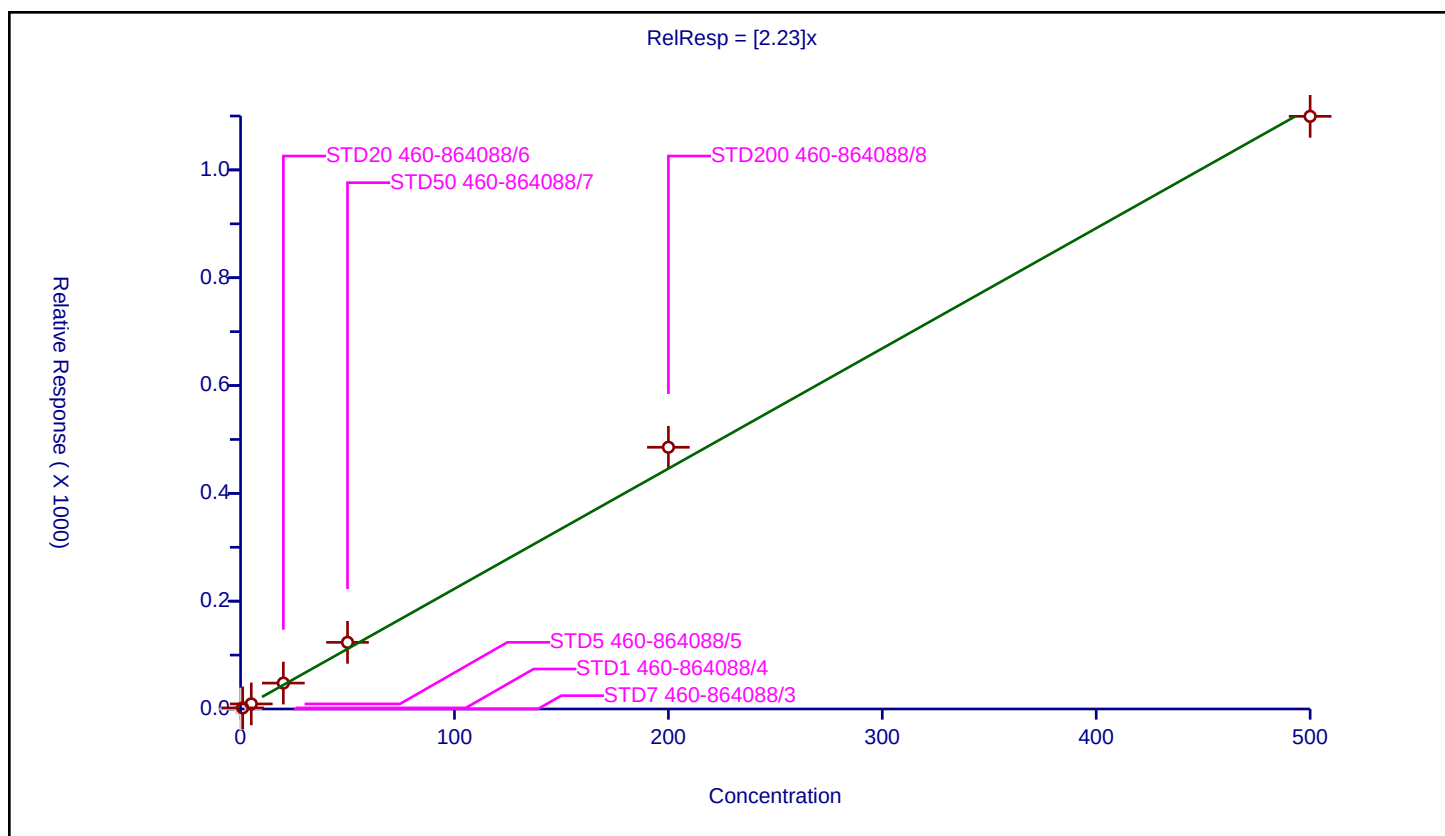
Curve Coefficients

Intercept: 0
Slope: 2.23

Error Coefficients

Standard Error: 2580000
Relative Standard Error: 11.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.987779	50.0	189181.0	1.987779	Y
3	STD5 460-864088/5	5.0	9.438892	50.0	192316.0	1.887778	Y
4	STD20 460-864088/6	20.0	48.081211	50.0	188817.0	2.404061	Y
5	STD50 460-864088/7	50.0	123.603337	50.0	200281.0	2.472067	Y
6	STD200 460-864088/8	200.0	485.514401	50.0	215231.0	2.427572	Y
7	STD500 460-864088/9	500.0	1099.4113	50.0	243163.0	2.198823	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

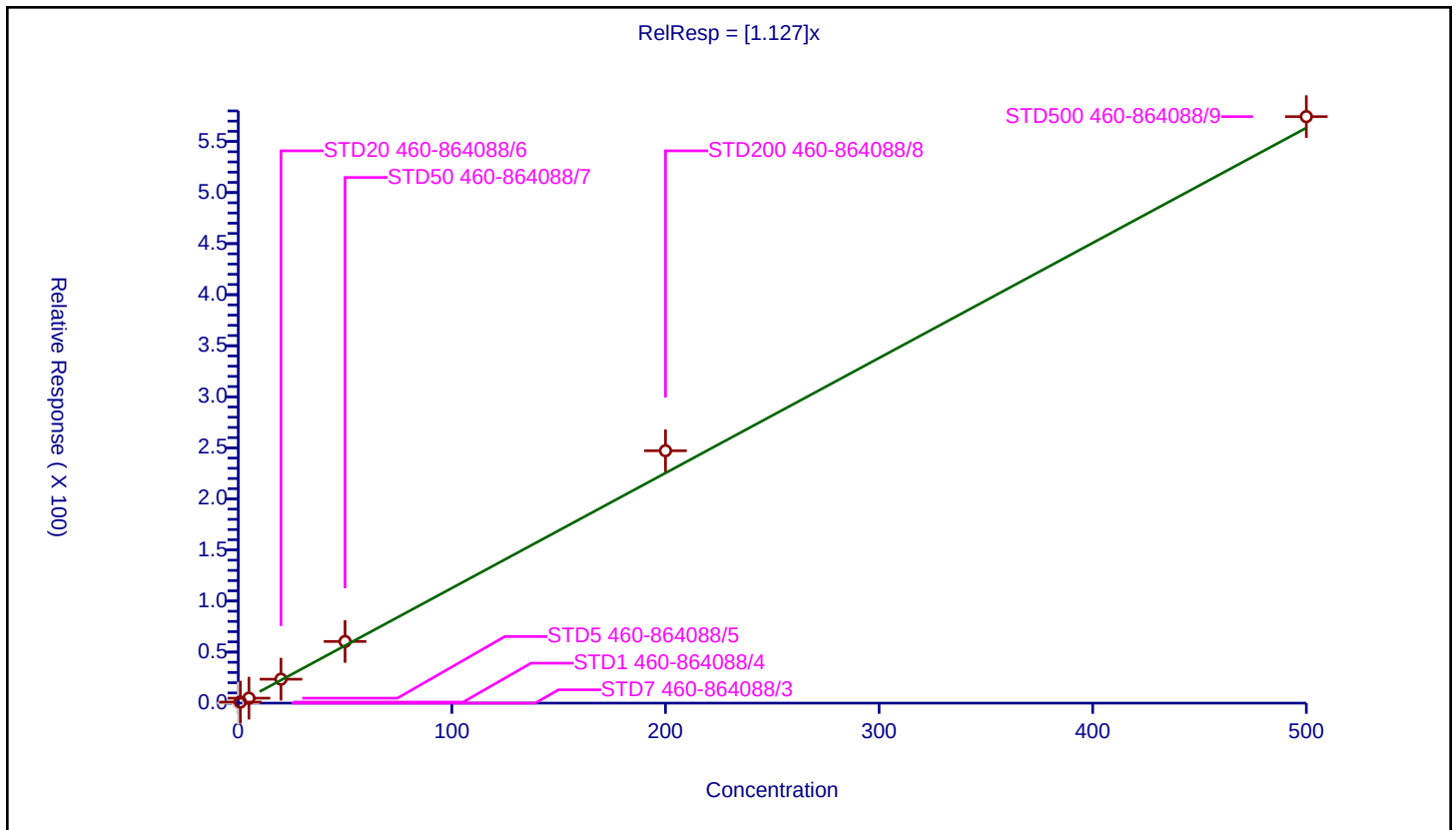
Curve Coefficients

Intercept: 0
 Slope: 1.127

Error Coefficients

Standard Error: 1340000
 Relative Standard Error: 9.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.02283	50.0	189181.0	1.02283	Y
3	STD5 460-864088/5	5.0	4.86543	50.0	192316.0	0.973086	Y
4	STD20 460-864088/6	20.0	23.433007	50.0	188817.0	1.17165	Y
5	STD50 460-864088/7	50.0	60.394396	50.0	200281.0	1.207888	Y
6	STD200 460-864088/8	200.0	247.183724	50.0	215231.0	1.235919	Y
7	STD500 460-864088/9	500.0	574.397421	50.0	243163.0	1.148795	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

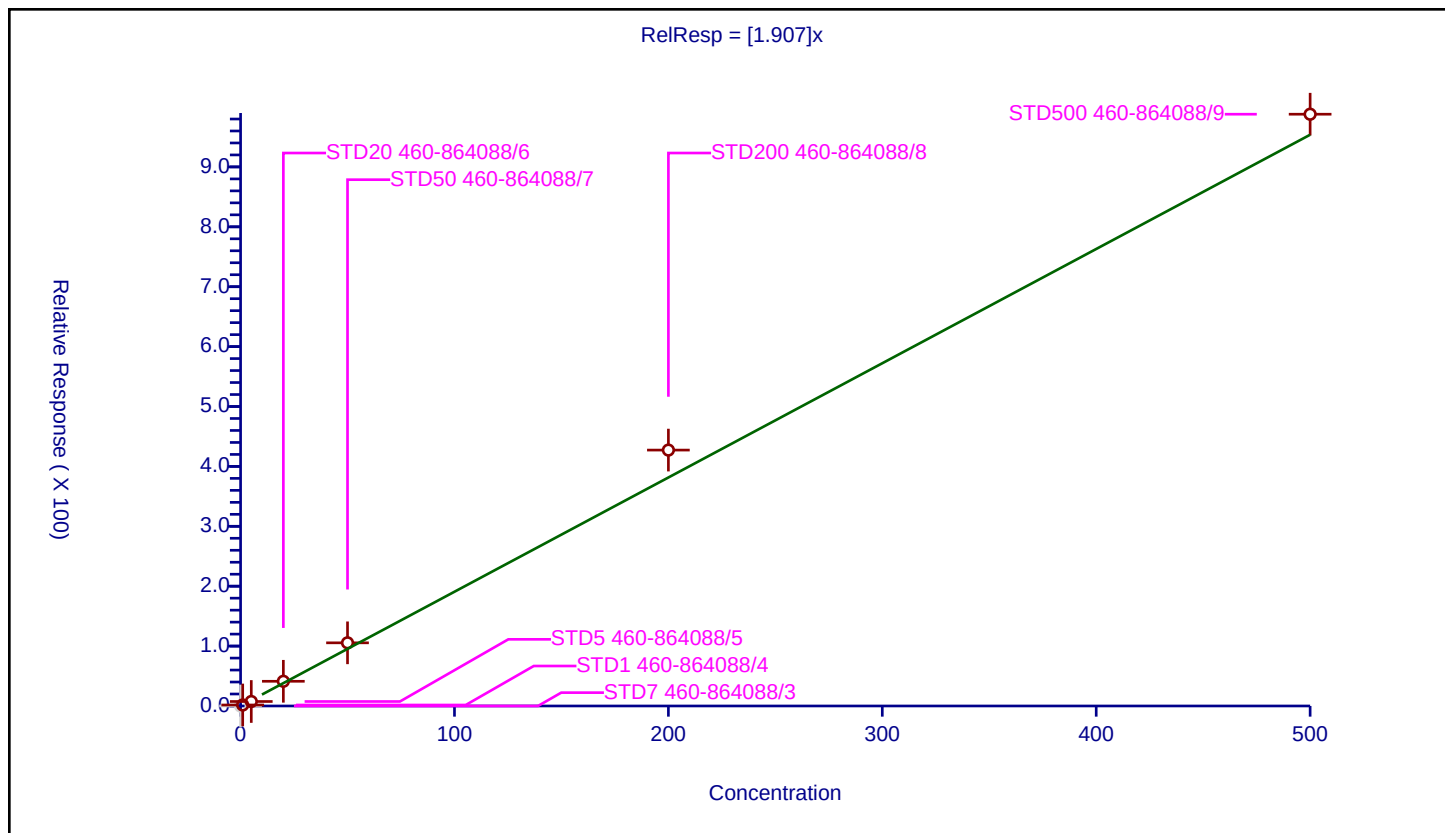
Curve Coefficients

Intercept: 0
 Slope: 1.907

Error Coefficients

Standard Error: 2310000
 Relative Standard Error: 13.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.657407	50.0	189181.0	1.657407	Y
3	STD5 460-864088/5	5.0	7.516535	50.0	192316.0	1.503307	Y
4	STD20 460-864088/6	20.0	41.247345	50.0	188817.0	2.062367	Y
5	STD50 460-864088/7	50.0	105.458331	50.0	200281.0	2.109167	Y
6	STD200 460-864088/8	200.0	427.254206	50.0	215231.0	2.136271	Y
7	STD500 460-864088/9	500.0	987.99838	50.0	243163.0	1.975997	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

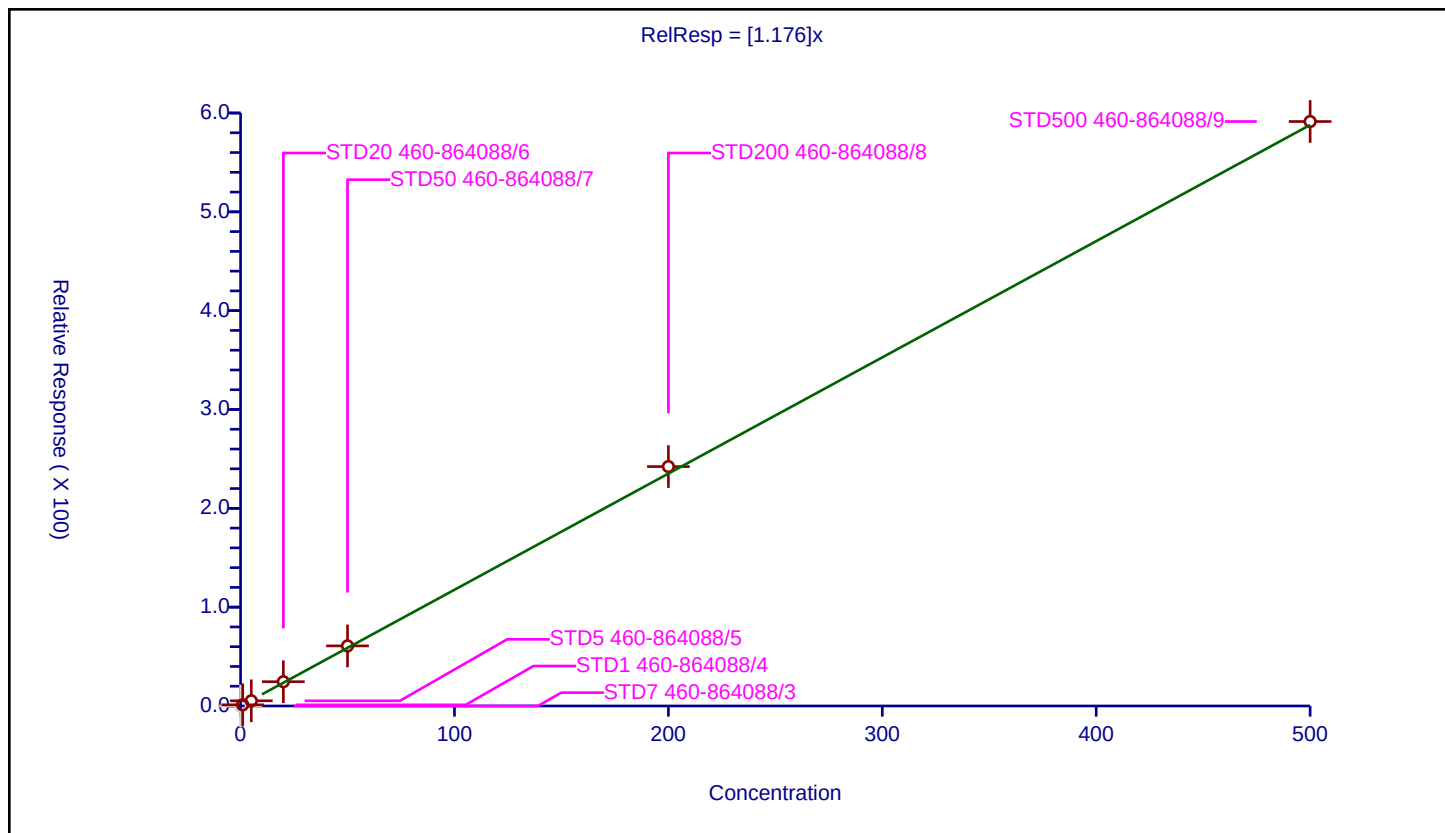
Curve Coefficients

Intercept: 0
 Slope: 1.176

Error Coefficients

Standard Error: 1370000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.168722	50.0	189181.0	1.168722	Y
3	STD5 460-864088/5	5.0	5.236174	50.0	192316.0	1.047235	Y
4	STD20 460-864088/6	20.0	24.573264	50.0	188817.0	1.228663	Y
5	STD50 460-864088/7	50.0	60.81131	50.0	200281.0	1.216226	Y
6	STD200 460-864088/8	200.0	242.231602	50.0	215231.0	1.211158	Y
7	STD500 460-864088/9	500.0	591.399185	50.0	243163.0	1.182798	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

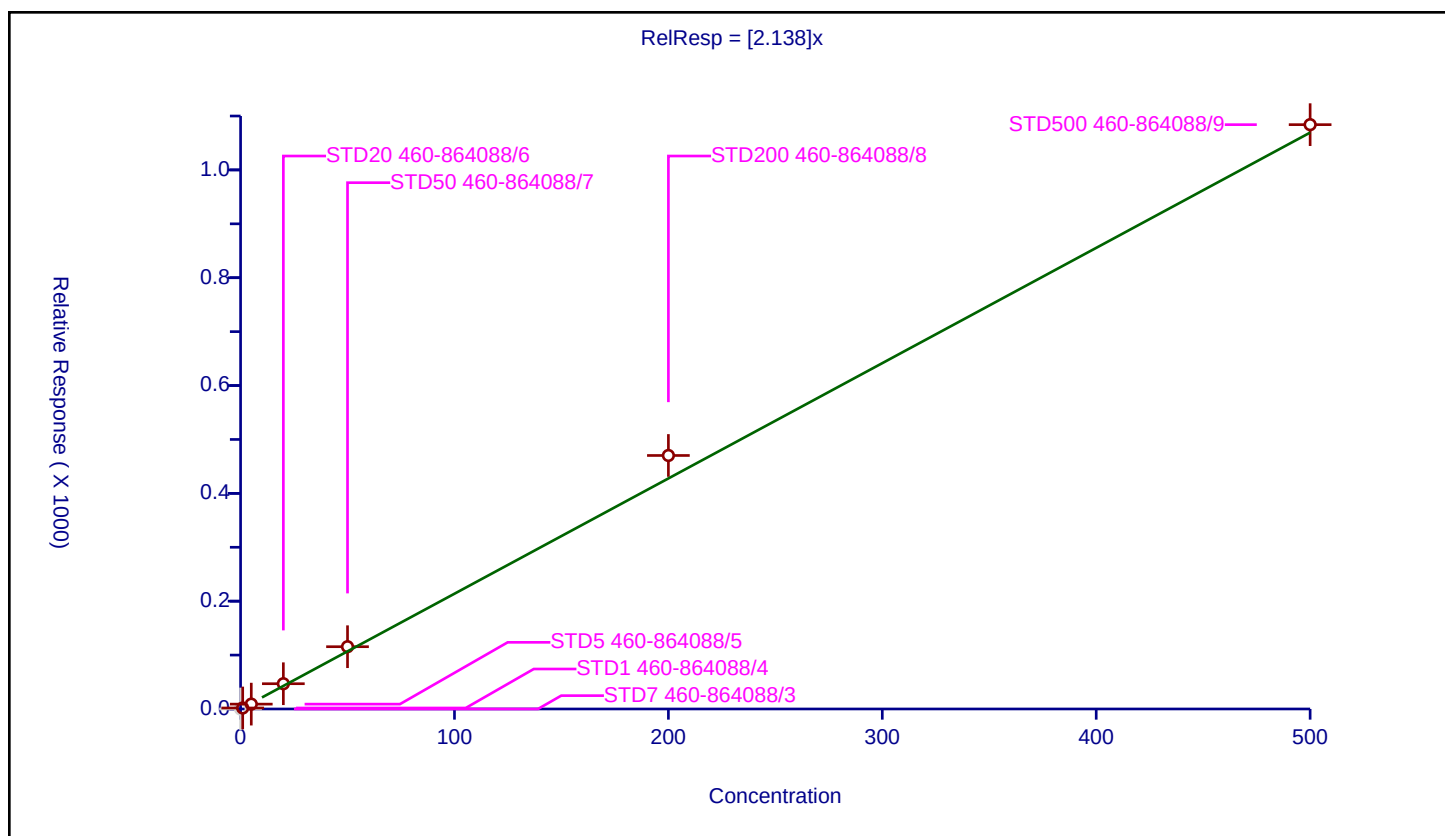
Curve Coefficients

Intercept: 0
 Slope: 2.138

Error Coefficients

Standard Error: 2530000
 Relative Standard Error: 11.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.849287	50.0	189181.0	1.849287	Y
3	STD5 460-864088/5	5.0	9.045789	50.0	192316.0	1.809158	Y
4	STD20 460-864088/6	20.0	46.852508	50.0	188817.0	2.342625	Y
5	STD50 460-864088/7	50.0	115.520194	50.0	200281.0	2.310404	Y
6	STD200 460-864088/8	200.0	470.276587	50.0	215231.0	2.351383	Y
7	STD500 460-864088/9	500.0	1083.9842	50.0	243163.0	2.167968	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

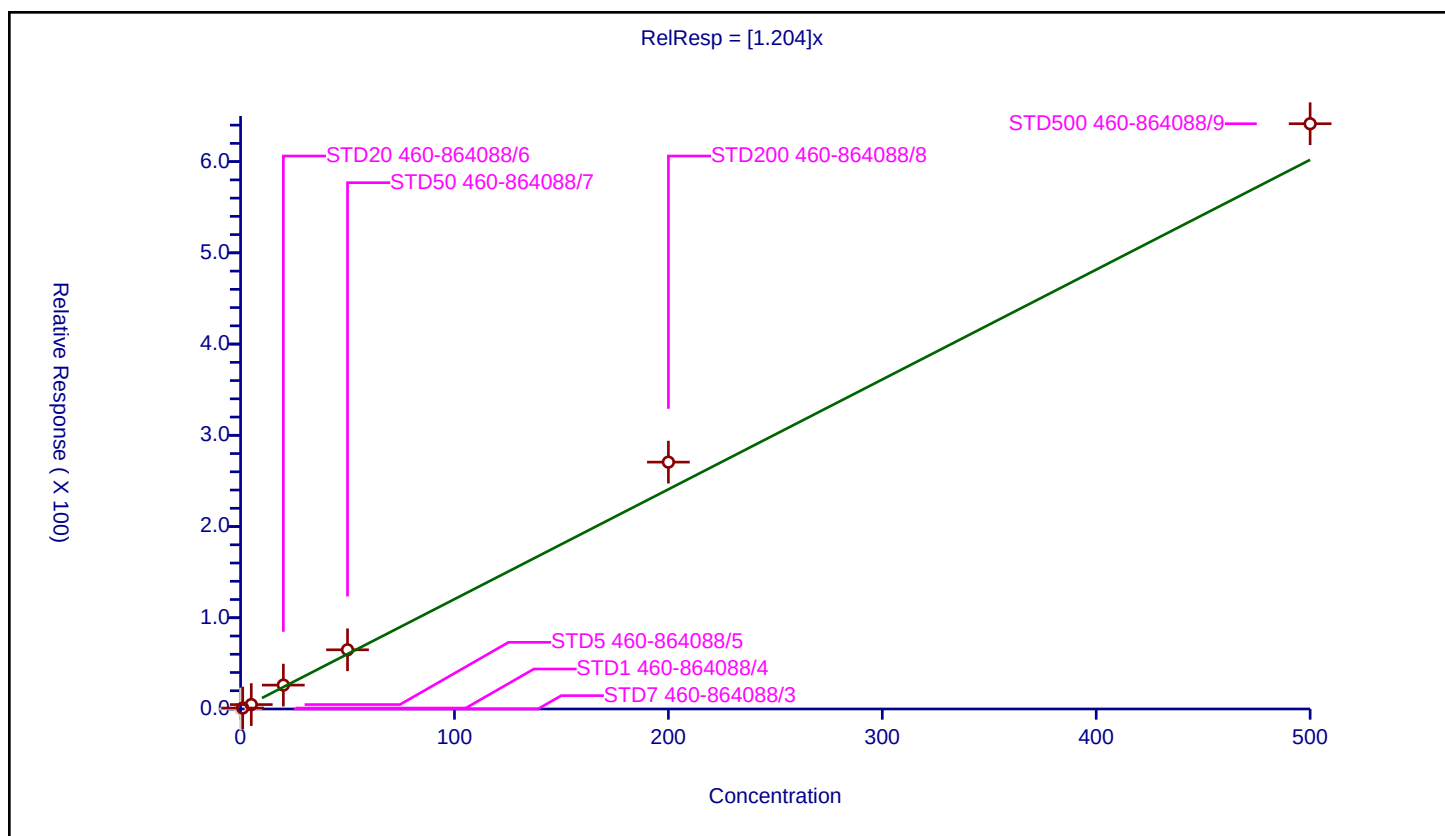
Curve Coefficients

Intercept: 0
 Slope: 1.204

Error Coefficients

Standard Error: 1490000
 Relative Standard Error: 13.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.011201	50.0	189181.0	1.011201	Y
3	STD5 460-864088/5	5.0	4.85165	50.0	192316.0	0.97033	Y
4	STD20 460-864088/6	20.0	26.181965	50.0	188817.0	1.309098	Y
5	STD50 460-864088/7	50.0	64.867861	50.0	200281.0	1.297357	Y
6	STD200 460-864088/8	200.0	270.594385	50.0	215231.0	1.352972	Y
7	STD500 460-864088/9	500.0	641.537364	50.0	243163.0	1.283075	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

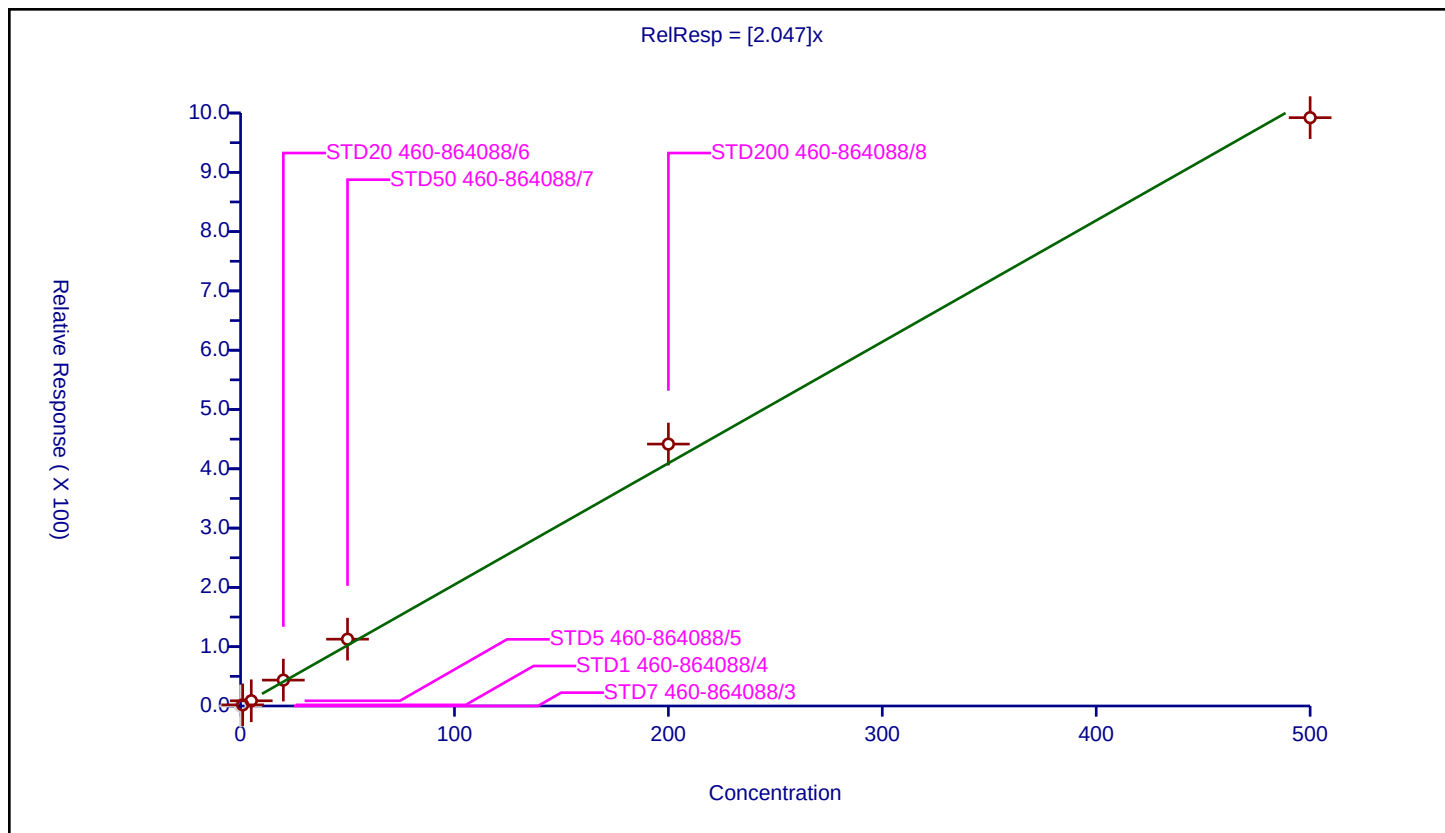
Curve Coefficients

Intercept: 0
Slope: 2.047

Error Coefficients

Standard Error: 2330000
Relative Standard Error: 9.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.892368	50.0	189181.0	1.892368	Y
3	STD5 460-864088/5	5.0	8.804	50.0	192316.0	1.7608	Y
4	STD20 460-864088/6	20.0	43.653114	50.0	188817.0	2.182656	Y
5	STD50 460-864088/7	50.0	112.658215	50.0	200281.0	2.253164	Y
6	STD200 460-864088/8	200.0	441.691717	50.0	215231.0	2.208459	Y
7	STD500 460-864088/9	500.0	992.171506	50.0	243163.0	1.984343	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

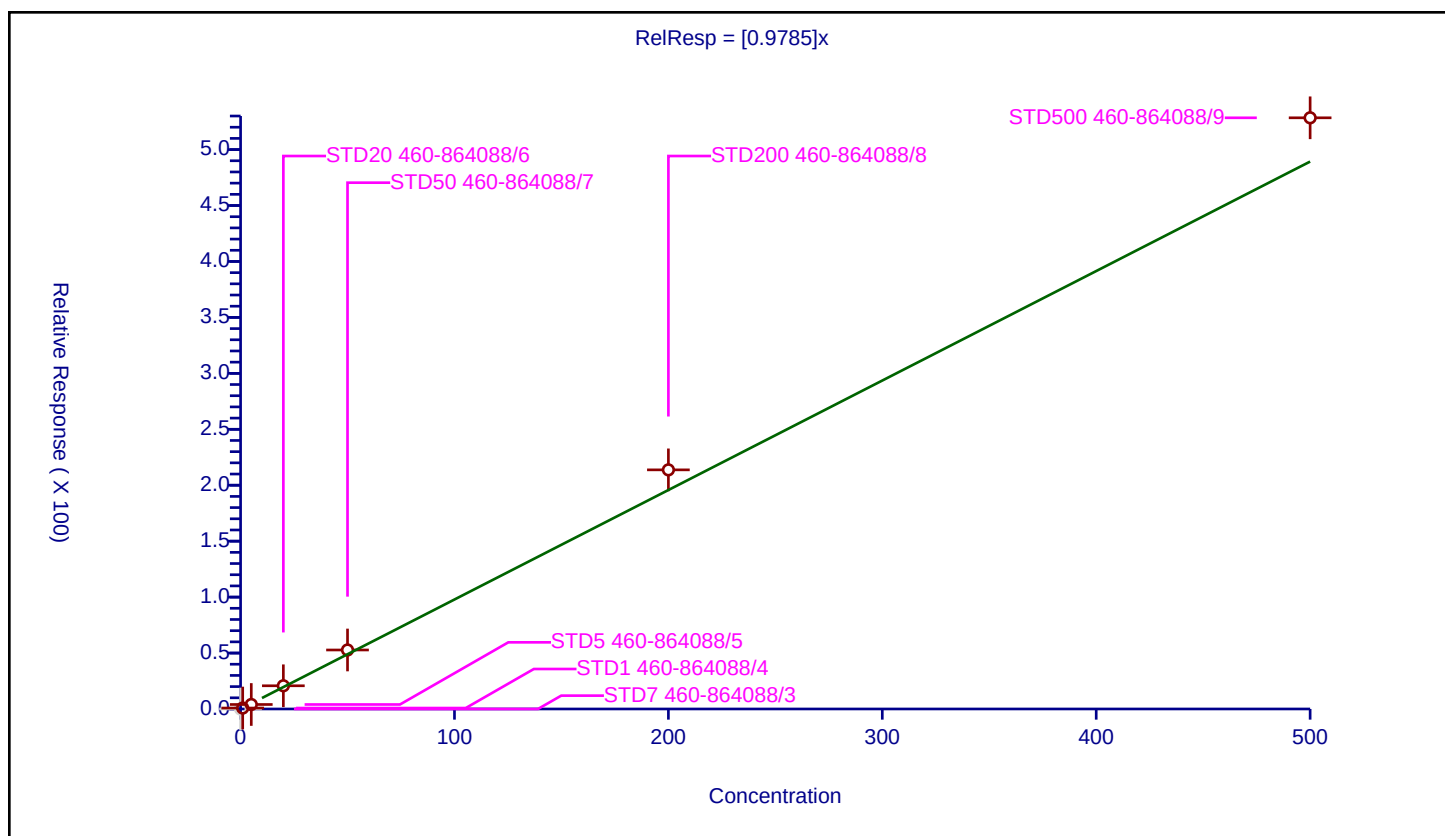
Curve Coefficients

Intercept: 0
Slope: 0.9785

Error Coefficients

Standard Error: 1220000
Relative Standard Error: 12.1
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.848658	50.0	189181.0	0.848658	Y
3	STD5 460-864088/5	5.0	4.025406	50.0	192316.0	0.805081	Y
4	STD20 460-864088/6	20.0	20.743365	50.0	188817.0	1.037168	Y
5	STD50 460-864088/7	50.0	52.743645	50.0	200281.0	1.054873	Y
6	STD200 460-864088/8	200.0	213.736636	50.0	215231.0	1.068683	Y
7	STD500 460-864088/9	500.0	528.399674	50.0	243163.0	1.056799	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

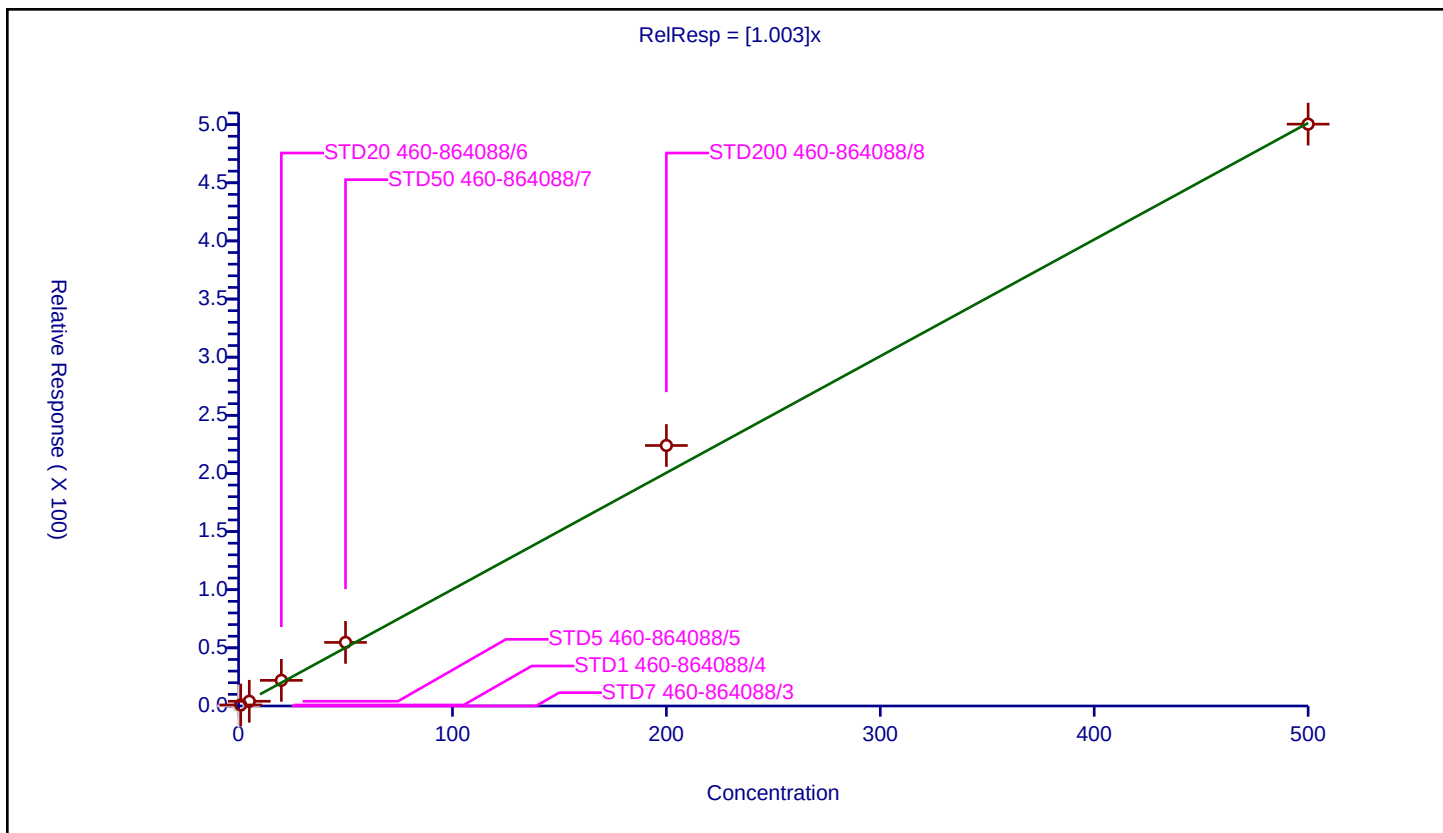
Curve Coefficients

Intercept: 0
Slope: 1.003

Error Coefficients

Standard Error: 1180000
Relative Standard Error: 12.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.886188	50.0	189181.0	0.886188	Y
3	STD5 460-864088/5	5.0	4.069604	50.0	192316.0	0.813921	Y
4	STD20 460-864088/6	20.0	22.043036	50.0	188817.0	1.102152	Y
5	STD50 460-864088/7	50.0	54.700146	50.0	200281.0	1.094003	Y
6	STD200 460-864088/8	200.0	224.036036	50.0	215231.0	1.12018	Y
7	STD500 460-864088/9	500.0	500.44024	50.0	243163.0	1.00088	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

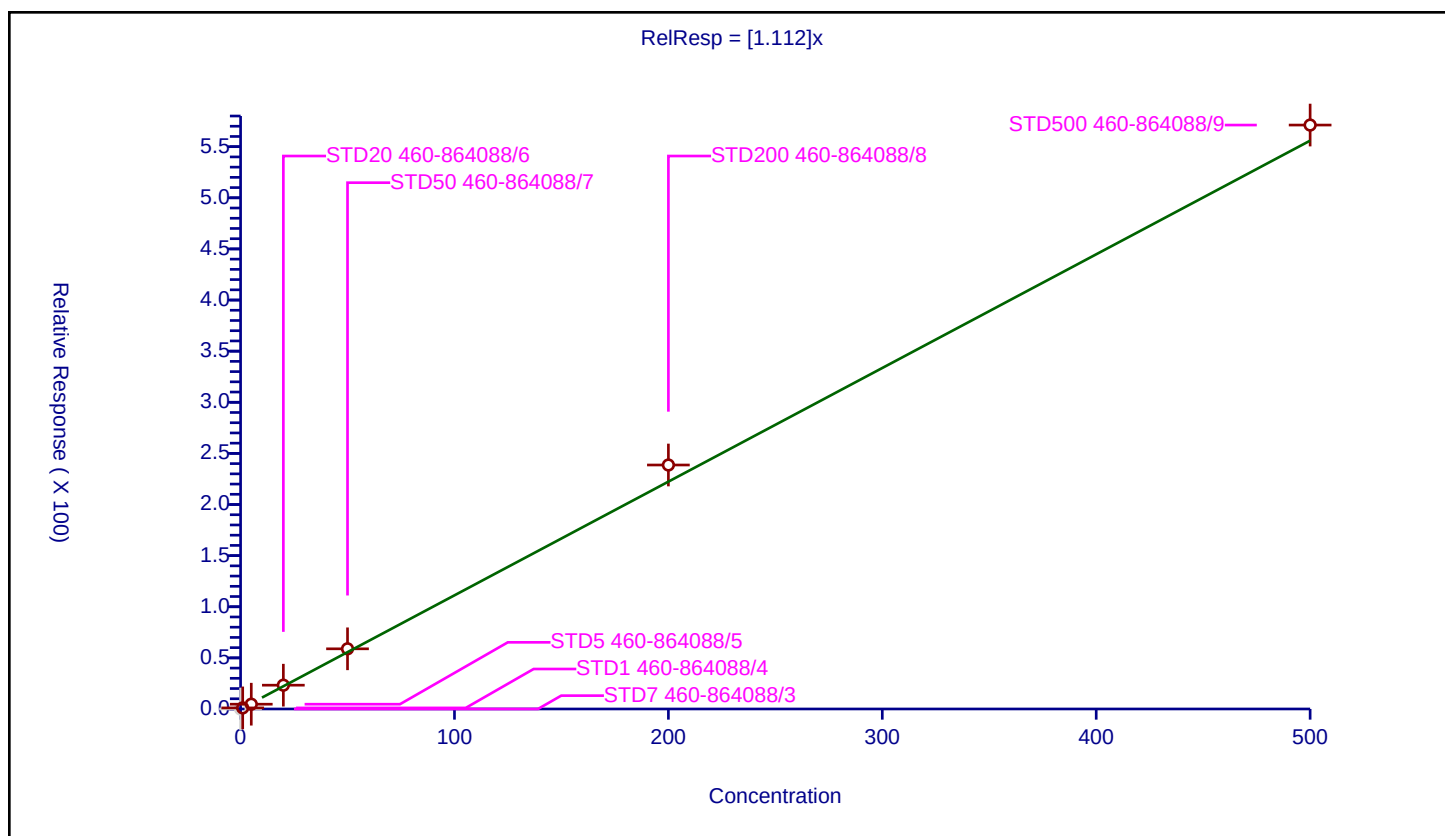
Curve Coefficients

Intercept: 0
 Slope: 1.112

Error Coefficients

Standard Error: 1330000
 Relative Standard Error: 8.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.056396	50.0	189181.0	1.056396	Y
3	STD5 460-864088/5	5.0	4.685518	50.0	192316.0	0.937104	Y
4	STD20 460-864088/6	20.0	23.288157	50.0	188817.0	1.164408	Y
5	STD50 460-864088/7	50.0	58.869039	50.0	200281.0	1.177381	Y
6	STD200 460-864088/8	200.0	238.648708	50.0	215231.0	1.193244	Y
7	STD500 460-864088/9	500.0	571.156796	50.0	243163.0	1.142314	Y



Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

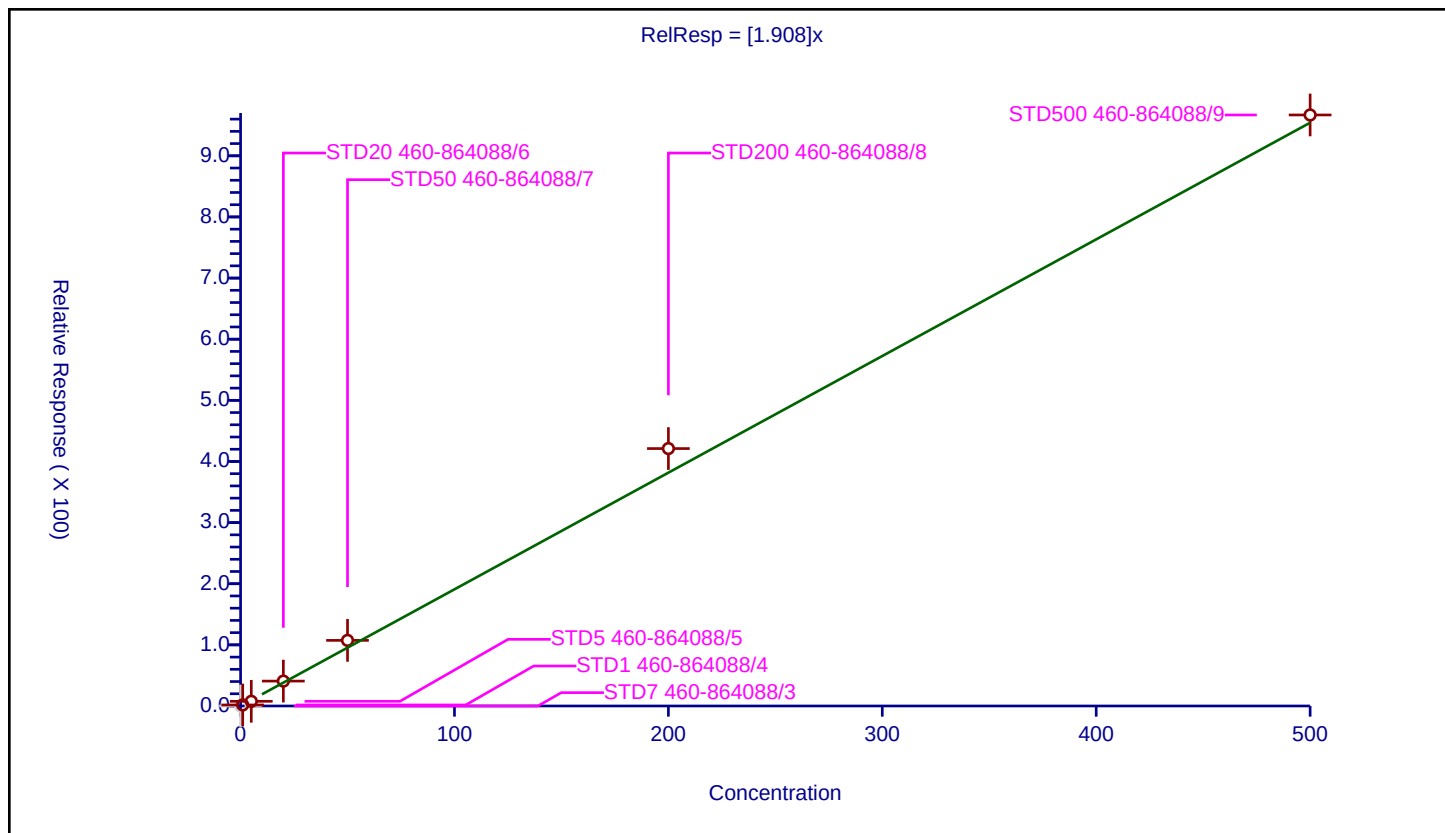
Curve Coefficients

Intercept: 0
 Slope: 1.908

Error Coefficients

Standard Error: 2260000
 Relative Standard Error: 12.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.697581	50.0	189181.0	1.697581	Y
3	STD5 460-864088/5	5.0	7.651989	50.0	192316.0	1.530398	Y
4	STD20 460-864088/6	20.0	40.725941	50.0	188817.0	2.036297	Y
5	STD50 460-864088/7	50.0	107.31647	50.0	200281.0	2.146329	Y
6	STD200 460-864088/8	200.0	421.095474	50.0	215231.0	2.105477	Y
7	STD500 460-864088/9	500.0	966.803955	50.0	243163.0	1.933608	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

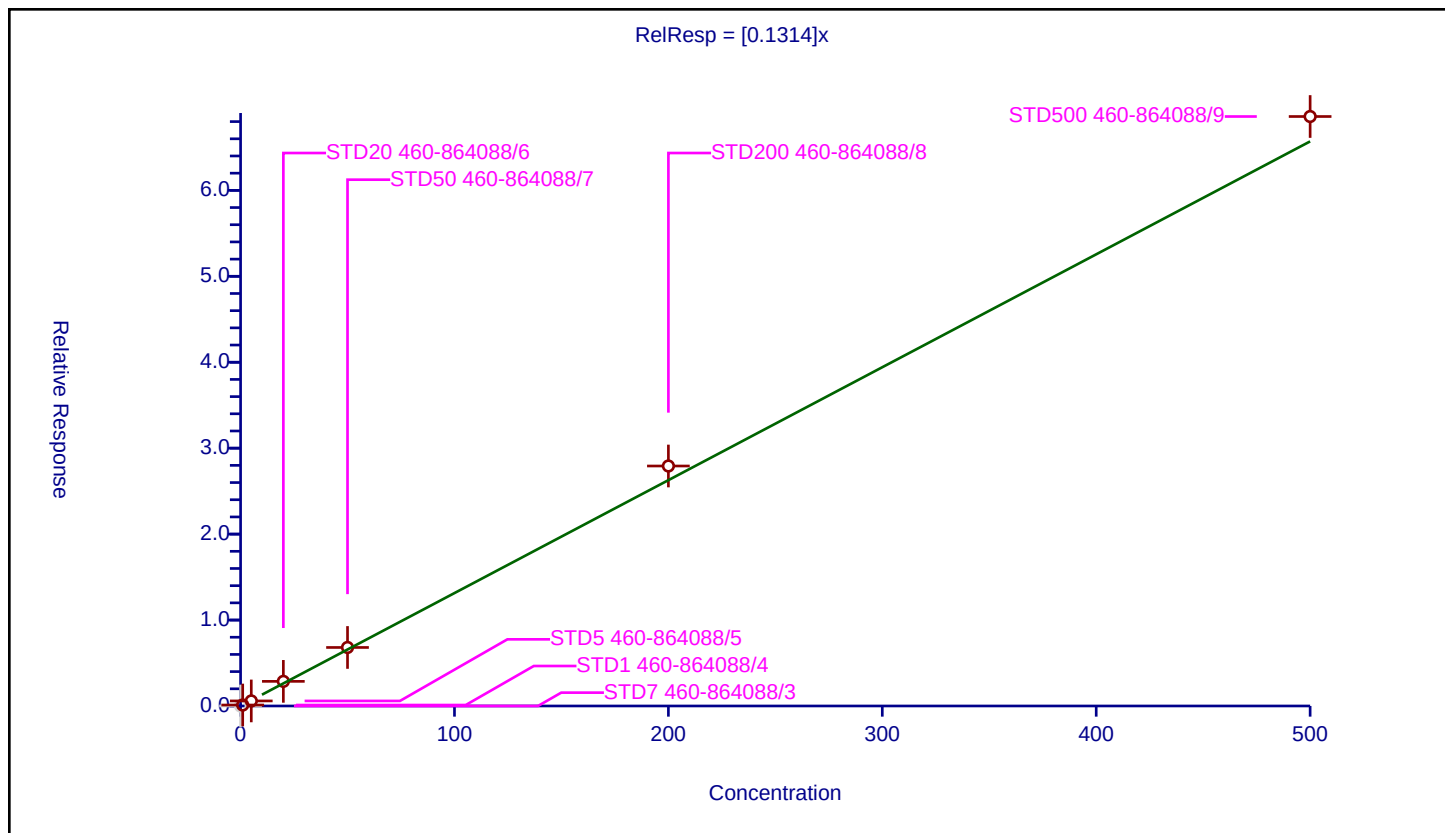
Curve Coefficients

Intercept: 0
Slope: 0.1314

Error Coefficients

Standard Error: 159000
Relative Standard Error: 9.3
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.114705	50.0	189181.0	0.114705	Y
3	STD5 460-864088/5	5.0	0.586535	50.0	192316.0	0.117307	Y
4	STD20 460-864088/6	20.0	2.866267	50.0	188817.0	0.143313	Y
5	STD50 460-864088/7	50.0	6.810182	50.0	200281.0	0.136204	Y
6	STD200 460-864088/8	200.0	27.926971	50.0	215231.0	0.139635	Y
7	STD500 460-864088/9	500.0	68.593701	50.0	243163.0	0.137187	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

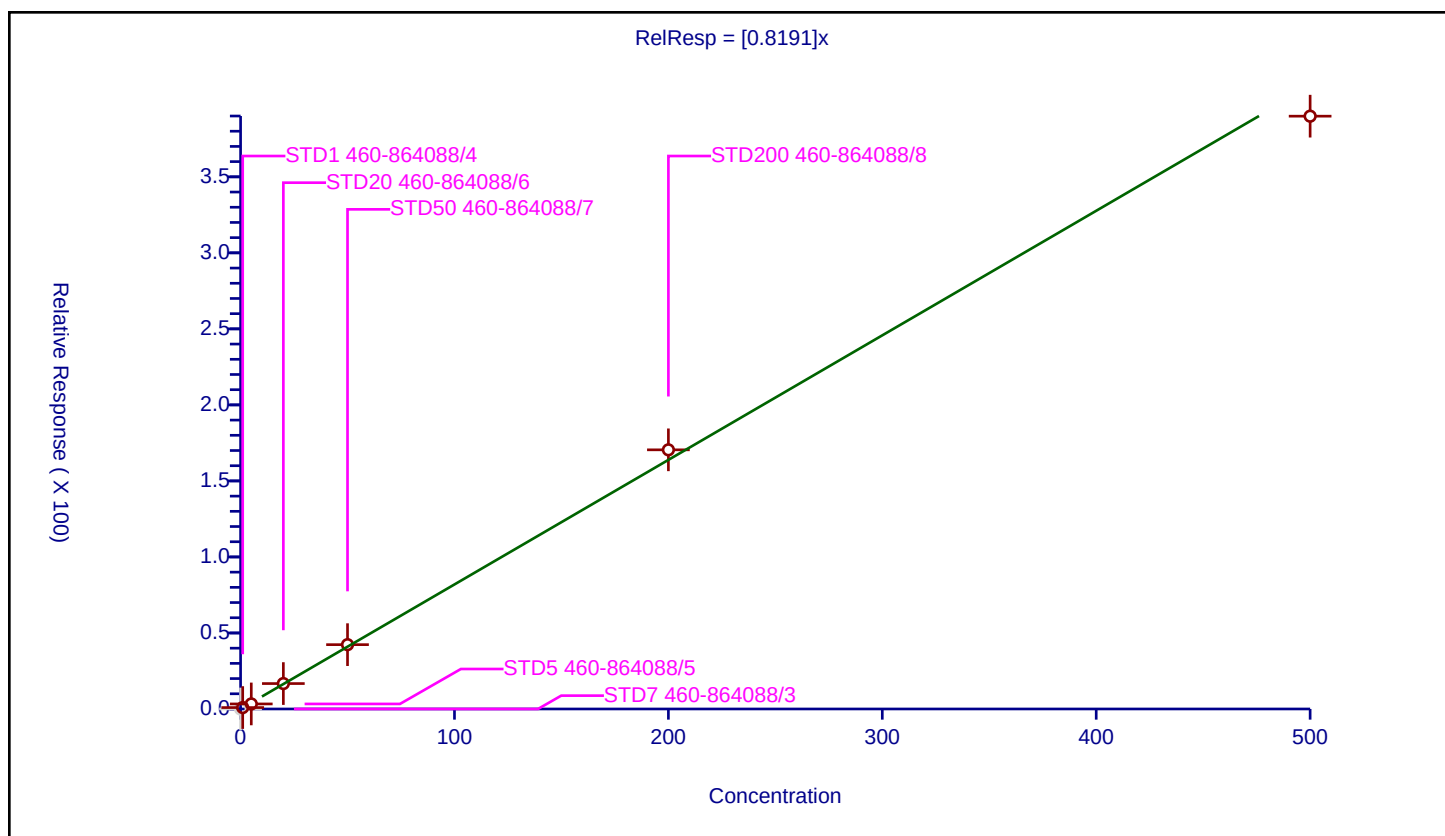
Curve Coefficients

Intercept: 0
 Slope: 0.8191

Error Coefficients

Standard Error: 913000
 Relative Standard Error: 11.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.934819	50.0	189181.0	0.934819	Y
3	STD5 460-864088/5	5.0	3.328116	50.0	192316.0	0.665623	Y
4	STD20 460-864088/6	20.0	16.724659	50.0	188817.0	0.836233	Y
5	STD50 460-864088/7	50.0	42.308556	50.0	200281.0	0.846171	Y
6	STD200 460-864088/8	200.0	170.449192	50.0	215231.0	0.852246	Y
7	STD500 460-864088/9	500.0	389.896489	50.0	243163.0	0.779793	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

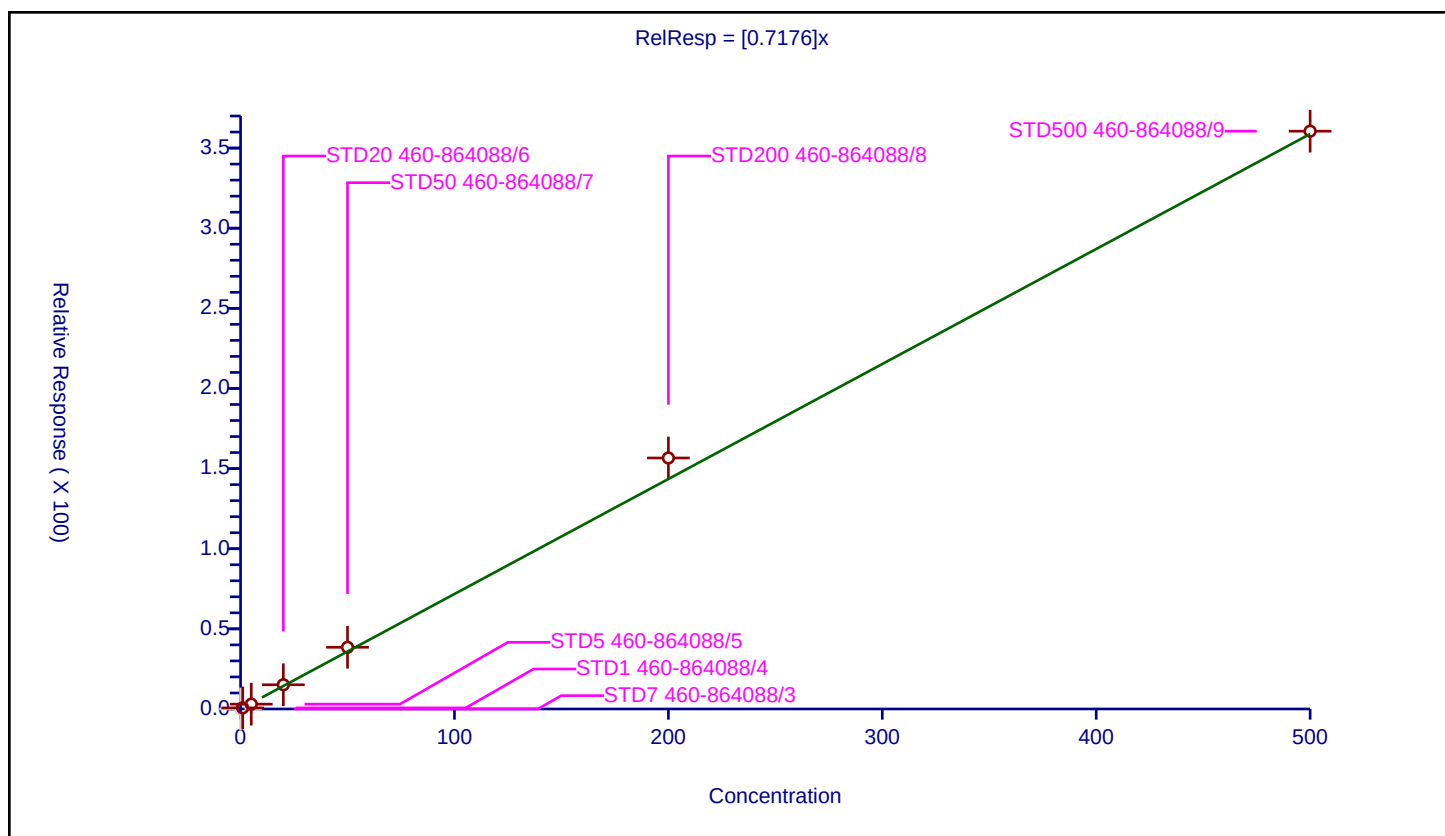
Curve Coefficients

Intercept: 0
 Slope: 0.7176

Error Coefficients

Standard Error: 843000
 Relative Standard Error: 9.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.672108	50.0	189181.0	0.672108	Y
3	STD5 460-864088/5	5.0	3.01509	50.0	192316.0	0.603018	Y
4	STD20 460-864088/6	20.0	15.119137	50.0	188817.0	0.755957	Y
5	STD50 460-864088/7	50.0	38.50565	50.0	200281.0	0.770113	Y
6	STD200 460-864088/8	200.0	156.616147	50.0	215231.0	0.783081	Y
7	STD500 460-864088/9	500.0	360.526273	50.0	243163.0	0.721053	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

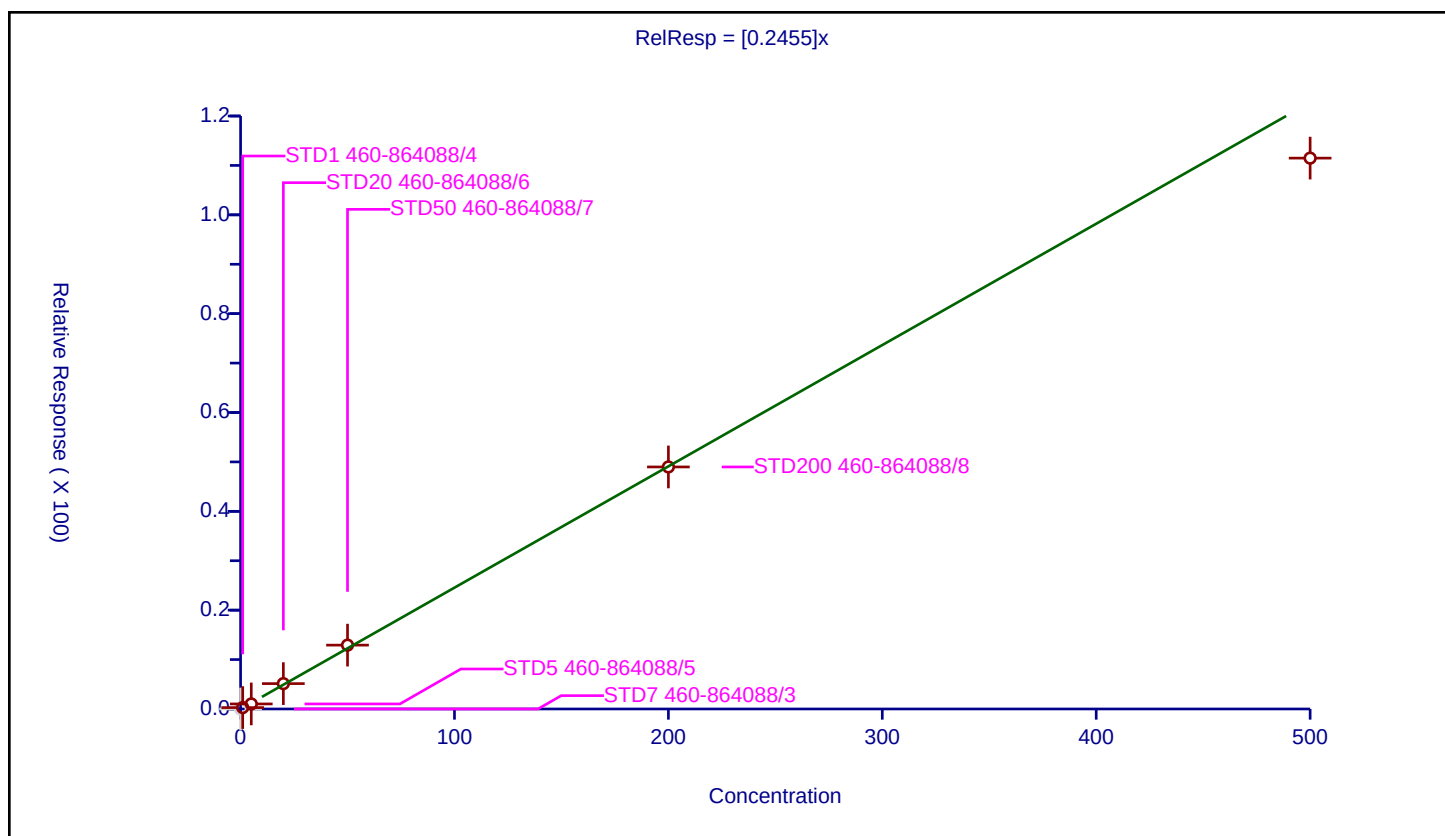
Curve Coefficients

Intercept: 0
 Slope: 0.2455

Error Coefficients

Standard Error: 261000
 Relative Standard Error: 11.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	0.285441	50.0	189181.0	0.285441	Y
3	STD5 460-864088/5	5.0	1.022276	50.0	192316.0	0.204455	Y
4	STD20 460-864088/6	20.0	5.135131	50.0	188817.0	0.256757	Y
5	STD50 460-864088/7	50.0	12.923093	50.0	200281.0	0.258462	Y
6	STD200 460-864088/8	200.0	48.982489	50.0	215231.0	0.244912	Y
7	STD500 460-864088/9	500.0	111.478103	50.0	243163.0	0.222956	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

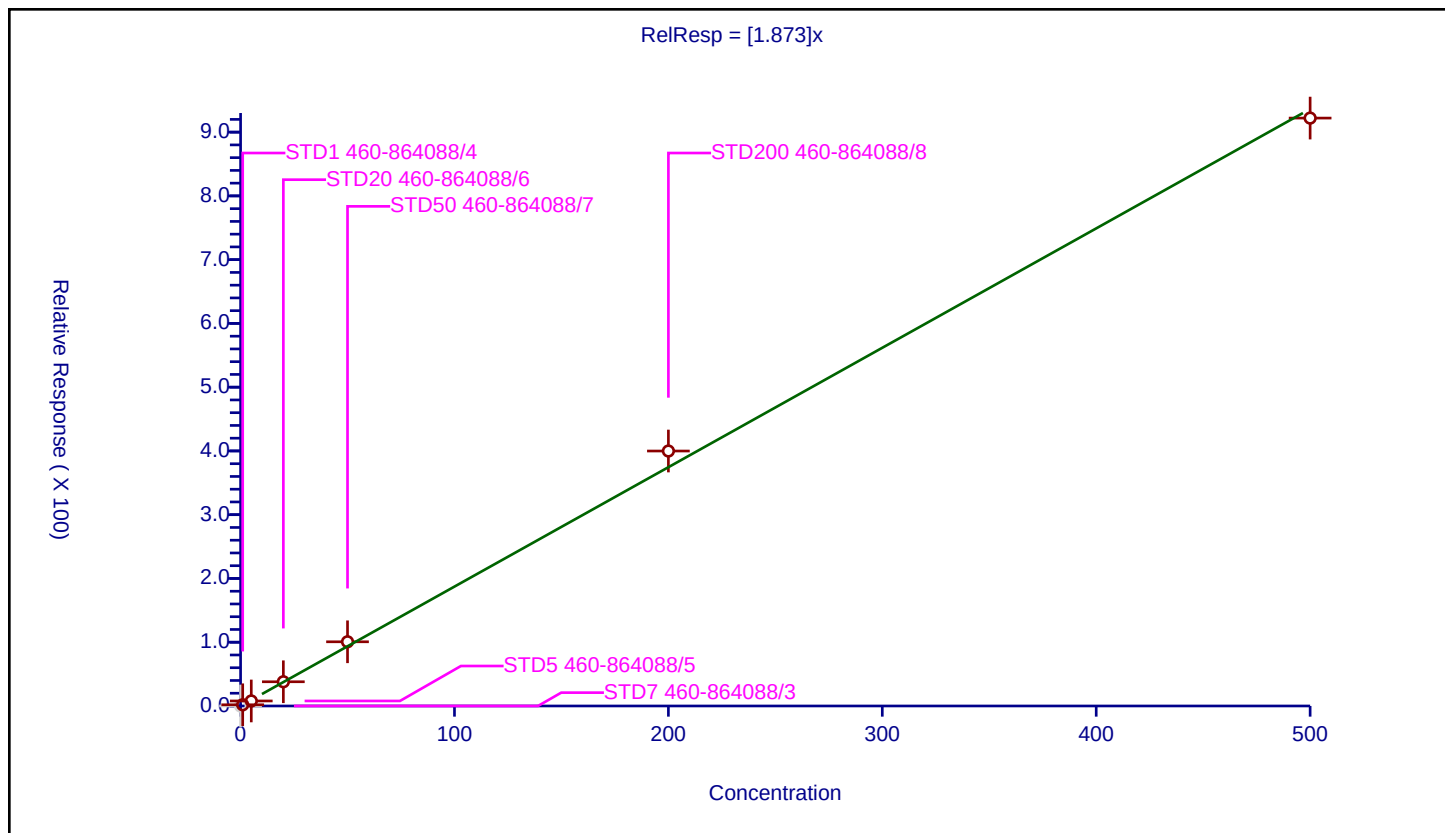
Curve Coefficients

Intercept: 0
 Slope: 1.873

Error Coefficients

Standard Error: 2160000
 Relative Standard Error: 8.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.0	50.0	190947.0	NaN	N
2	STD1 460-864088/4	1.0	1.903468	50.0	189181.0	1.903468	Y
3	STD5 460-864088/5	5.0	7.87532	50.0	192316.0	1.575064	Y
4	STD20 460-864088/6	20.0	37.985986	50.0	188817.0	1.899299	Y
5	STD50 460-864088/7	50.0	100.705758	50.0	200281.0	2.014115	Y
6	STD200 460-864088/8	200.0	399.888724	50.0	215231.0	1.999444	Y
7	STD500 460-864088/9	500.0	922.054959	50.0	243163.0	1.84411	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

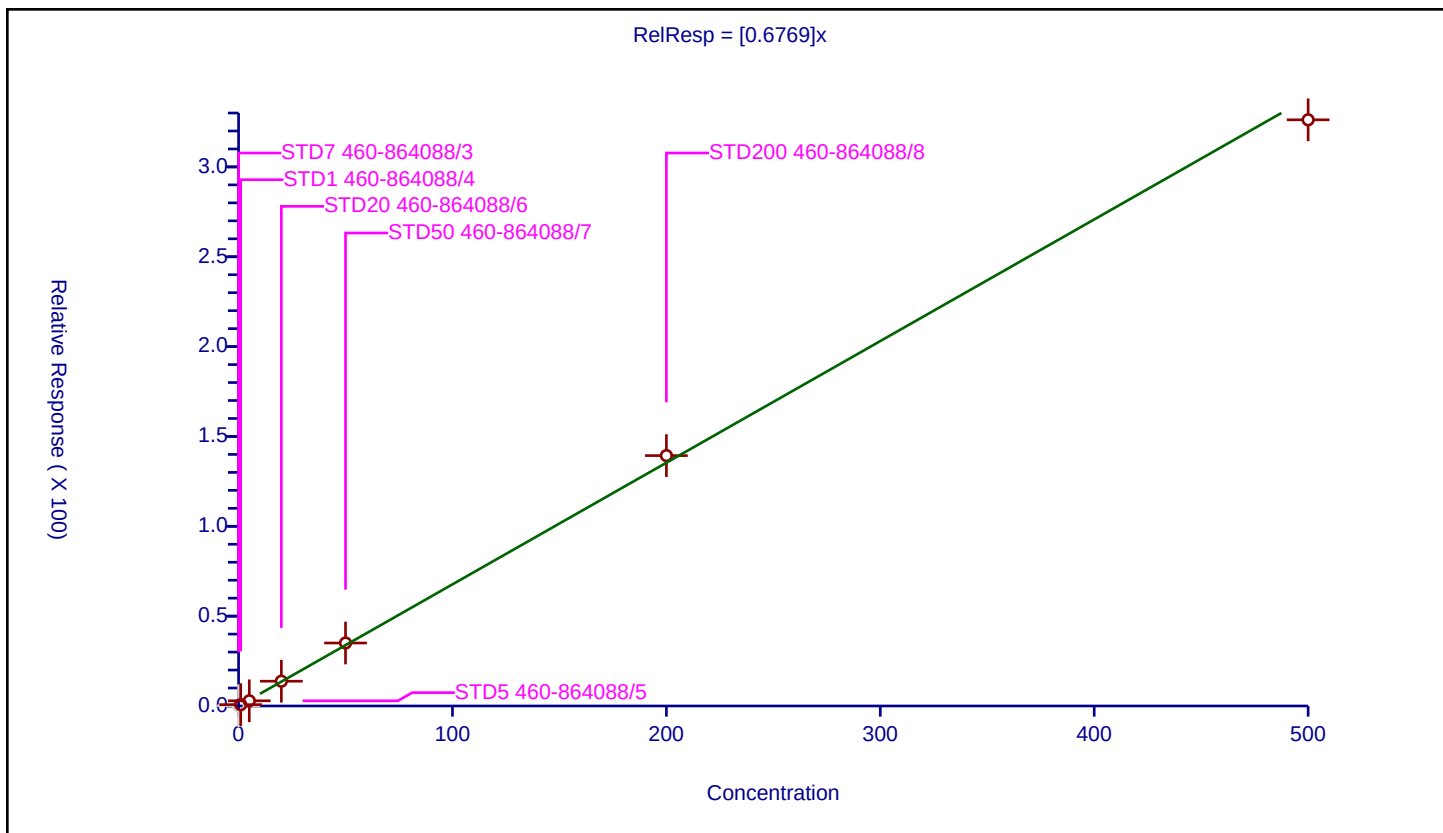
Curve Coefficients

Intercept: 0
 Slope: 0.6769

Error Coefficients

Standard Error: 761000
 Relative Standard Error: 8.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-864088/3	0.0	0.157112	50.0	190947.0		N
2	STD1 460-864088/4	1.0	0.745318	50.0	189181.0	0.745318	Y
3	STD5 460-864088/5	5.0	2.881975	50.0	192316.0	0.576395	Y
4	STD20 460-864088/6	20.0	13.795368	50.0	188817.0	0.689768	Y
5	STD50 460-864088/7	50.0	35.047009	50.0	200281.0	0.70094	Y
6	STD200 460-864088/8	200.0	139.340755	50.0	215231.0	0.696704	Y
7	STD500 460-864088/9	500.0	326.216982	50.0	243163.0	0.652434	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: ICV 460-864088/17 Calibration Date: 08/31/2022 18:48

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79492.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0238	0.0154		12.9	20.0	-35.4*	30.0
Dichlorodifluoromethane	Ave	0.3349	0.3524	0.1000	21.0	20.0	5.2	30.0
Chlorodifluoromethane	Ave	0.0510	0.0475		18.6	20.0	-6.8	30.0
Chloromethane	Ave	0.4443	0.4434	0.1000	20.0	20.0	-0.2	30.0
Vinyl chloride	Ave	0.3265	0.3888	0.1000	23.8	20.0	19.1	30.0
Butadiene	Ave	0.3332	0.3180		19.1	20.0	-4.6	30.0
Bromomethane	Ave	0.1444	0.1604	0.1000	22.2	20.0	11.0	30.0
Chloroethane	Ave	0.1670	0.1902	0.1000	22.8	20.0	13.9	30.0
Dichlorofluoromethane	Ave	0.5047	0.5278		20.9	20.0	4.6	30.0
Trichlorofluoromethane	Ave	0.3533	0.3879	0.1000	22.0	20.0	9.8	30.0
Pentane	Ave	0.4518	0.5382		47.6	40.0	19.1	30.0
Ethanol	Ave	0.0421	0.0297		565	800	-29.4	30.0
Ethyl ether	Ave	0.2009	0.2116		21.1	20.0	5.3	30.0
2-Methyl-1,3-butadiene	Ave	0.2532	0.2845		22.5	20.0	12.4	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.1576	0.1768		22.4	20.0	12.2	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3269	0.3623		22.2	20.0	10.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2145	0.2256	0.1000	21.0	20.0	5.2	30.0
Acrolein	Ave	1.601	1.692		42.3	40.1	5.7	30.0
1,1-Dichloroethene	Ave	0.1963	0.2138	0.1000	21.8	20.0	8.9	30.0
Acetone	Ave	0.5987	0.5591	0.0500	93.4	100	-6.6	30.0
Iodomethane	QuaF		0.1594		11.8	20.0	-40.8*	30.0
Carbon disulfide	Ave	0.7924	0.8163	0.1000	20.6	20.0	3.0	30.0
Isopropyl alcohol	Ave	0.5183	0.3825		148	200	-26.2	30.0
3-Chloro-1-propene	Ave	0.1393	0.1423		20.4	20.0	2.2	30.0
Cyclopentene	Ave	0.6179	0.6677		21.6	20.0	8.1	30.0
Methyl acetate	Ave	0.2147	0.2323	0.1000	43.3	40.0	8.2	30.0
Acetonitrile	Ave	1.579	1.545		196	200	-2.2	30.0
Methylene Chloride	Ave	0.2528	0.2583	0.1000	20.4	20.0	2.2	30.0
2-Methyl-2-propanol	Ave	0.7223	0.6087		169	200	-15.7	30.0
Methyl tert-butyl ether	Ave	0.6347	0.6599	0.1000	20.8	20.0	4.0	30.0
trans-1,2-Dichloroethene	Ave	0.2243	0.2363	0.1000	21.1	20.0	5.4	30.0
Acrylonitrile	Ave	4.469	4.513		202	200	1.0	30.0
Hexane	Ave	0.3245	0.3270		20.2	20.0	0.8	30.0
Isopropyl ether	Ave	0.9646	1.089		22.6	20.0	12.9	30.0
1,1-Dichloroethane	Ave	0.4900	0.5151	0.2000	21.0	20.0	5.1	30.0
Vinyl acetate	Ave	0.5867	0.3757		25.6	40.0	-36.0*	30.0
2-Chloro-1,3-butadiene	Ave	0.1990	0.2162		21.7	20.0	8.7	30.0
Tert-butyl ethyl ether	Ave	0.7200	0.8025		22.3	20.0	11.5	30.0
2,2-Dichloropropane	Ave	0.1135	0.1051		18.5	20.0	-7.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: ICV 460-864088/17 Calibration Date: 08/31/2022 18:48

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79492.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
cis-1,2-Dichloroethene	Ave	0.2395	0.2499	0.1000	20.9	20.0	4.3	30.0
2-Butanone (MEK)	Ave	0.1819	0.1758	0.0500	96.6	100	-3.4	30.0
Ethyl acetate	Ave	0.1745	0.1887		43.3	40.0	8.2	30.0
Methyl acrylate	Ave	0.2152	0.2282		21.2	20.0	6.0	30.0
Propionitrile	Ave	1.526	1.560		204	200	2.2	30.0
Chlorobromomethane	Ave	0.1156	0.1205		20.9	20.0	4.3	30.0
Tetrahydrofuran	Ave	0.1916	0.1948		40.7	40.0	1.6	30.0
Methacrylonitrile	Ave	0.0962	0.1020		212	200	6.0	30.0
Chloroform	Ave	0.4219	0.4296	0.2000	20.4	20.0	1.8	30.0
Cyclohexane	Ave	0.3116	0.3248	0.1000	20.8	20.0	4.2	30.0
1,1,1-Trichloroethane	Ave	0.3302	0.3443	0.1000	20.9	20.0	4.3	30.0
Carbon tetrachloride	Ave	0.2860	0.2936	0.1000	20.5	20.0	2.7	30.0
1,1-Dichloropropene	Ave	0.3285	0.3392		20.7	20.0	3.3	30.0
Isobutyl alcohol	Ave	0.6017	0.5292		440	500	-12.0	30.0
Isooctane	Ave	0.5835	0.5782		19.8	20.0	-0.9	30.0
Benzene	Ave	1.241	1.308	0.5000	21.1	20.0	5.3	30.0
Isopropyl acetate	Ave	0.7945	0.8562		21.6	20.0	7.8	30.0
Tert-amyl methyl ether	Ave	0.2068	0.2516		24.3	20.0	21.6	30.0
1,2-Dichloroethane	Ave	0.3596	0.3644	0.1000	20.3	20.0	1.3	30.0
n-Heptane	Ave	0.1240	0.1233		19.9	20.0	-0.6	30.0
n-Butanol	Ave	0.1560	0.1030		330	500	-33.9*	30.0
Trichloroethene	Ave	0.2351	0.2511	0.2000	21.4	20.0	6.8	30.0
Methylcyclohexane	Ave	0.3212	0.3407	0.1000	21.2	20.0	6.1	30.0
Ethyl acrylate	Ave	0.6012	0.6364		21.2	20.0	5.9	30.0
1,2-Dichloropropane	Ave	0.2851	0.2939	0.1000	20.6	20.0	3.1	30.0
Methyl methacrylate	Ave	0.0474	0.0504		42.6	40.0	6.4	30.0
1,4-Dioxane	QuaF		0.3296		351	400	-12.2	30.0
Dibromomethane	Ave	0.1595	0.1623		20.4	20.0	1.8	30.0
n-Propyl acetate	Ave	0.3939	0.4193		21.3	20.0	6.4	30.0
Bromodichloromethane	Ave	0.3319	0.3364	0.2000	20.3	20.0	1.3	30.0
2-Nitropropane	Ave	3.438	3.085		35.9	40.0	-10.3	30.0
2-Chloroethyl vinyl ether	Ave	0.1555	0.1626		20.9	20.0	4.5	30.0
Epichlorohydrin	Ave	0.1564	0.1708		21.8	20.0	9.2	30.0
cis-1,3-Dichloropropene	Ave	0.5550	0.5451	0.2000	19.6	20.0	-1.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.907	2.059	0.0500	108	100	8.0	30.0
Toluene	Ave	1.250	1.318	0.4000	21.1	20.0	5.4	30.0
trans-1,3-Dichloropropene	Ave	0.4874	0.4796	0.1000	19.7	20.0	-1.6	30.0
Ethyl methacrylate	Ave	0.2685	0.2635		19.6	20.0	-1.9	30.0
1,1,2-Trichloroethane	Ave	0.2572	0.2692	0.1000	20.9	20.0	4.6	30.0
Tetrachloroethene	Ave	0.2812	0.2913	0.2000	20.7	20.0	3.6	30.0
1,3-Dichloropropane	Ave	0.4974	0.4941		19.9	20.0	-0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: ICV 460-864088/17 Calibration Date: 08/31/2022 18:48

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79492.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.6155	0.6255	0.0500	102	100	1.6	30.0
n-Butyl acetate	Ave	0.5459	0.5775		21.2	20.0	5.8	30.0
Chlorodibromomethane	Ave	0.3050	0.3050	0.1000	20.0	20.0	0.0	30.0
Ethylene Dibromide	Ave	0.2860	0.2927	0.1000	20.5	20.0	2.4	30.0
Chlorobenzene	Ave	0.8086	0.8484	0.5000	21.0	20.0	4.9	30.0
Ethylbenzene	Ave	0.4135	0.4175	0.1000	20.2	20.0	1.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2852	0.2892		20.3	20.0	1.4	30.0
m-Xylene & p-Xylene	Ave	0.4964	0.5131	0.1000	20.7	20.0	3.4	30.0
n-Butyl acrylate	Ave	0.2205	0.2223		20.2	20.0	0.8	30.0
o-Xylene	Ave	0.5040	0.5186	0.3000	20.6	20.0	2.9	30.0
Styrene	Ave	0.8239	0.8550	0.3000	20.8	20.0	3.8	30.0
Amyl acetate (mixed isomers)	Ave	1.156	1.163		20.1	20.0	0.6	30.0
Bromoform	Ave	0.1974	0.1928	0.1000	19.5	20.0	-2.3	30.0
Isopropylbenzene	Ave	1.198	1.257	0.1000	21.0	20.0	4.9	30.0
Bromobenzene	Ave	0.6153	0.6124		19.9	20.0	-0.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7271	0.6715	0.3000	18.5	20.0	-7.6	30.0
N-Propylbenzene	Ave	2.806	2.825		20.1	20.0	0.7	30.0
1,2,3-Trichloropropane	Ave	0.1640	0.1687		20.6	20.0	2.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2344	0.2194		18.7	20.0	-6.4	30.0
2-Chlorotoluene	Ave	1.987	2.002		20.1	20.0	0.7	30.0
4-Ethyltoluene	Ave	2.284	2.351		20.6	20.0	2.9	30.0
1,3,5-Trimethylbenzene	Ave	1.897	1.933		20.4	20.0	1.9	30.0
4-Chlorotoluene	Ave	1.865	1.849		19.8	20.0	-0.9	30.0
Butyl Methacrylate	QuaF		0.6741		16.8	20.0	-16.0	30.0
tert-Butylbenzene	Ave	1.504	1.516		20.2	20.0	0.8	30.0
1,2,4-Trimethylbenzene	Ave	1.977	2.021		20.4	20.0	2.2	30.0
sec-Butylbenzene	Ave	2.230	2.320		20.8	20.0	4.1	30.0
1,3-Dichlorobenzene	Ave	1.127	1.113	0.6000	19.8	20.0	-1.2	30.0
4-Isopropyltoluene	Ave	1.907	1.920		20.1	20.0	0.7	30.0
1,4-Dichlorobenzene	Ave	1.176	1.167	0.5000	19.8	20.0	-0.8	30.0
1,2,3-Trimethylbenzene	Ave	2.138	2.222		20.8	20.0	3.9	30.0
Benzyl chloride	Ave	1.204	1.056		17.5	20.0	-12.3	30.0
Indan	Ave	2.047	2.179		21.3	20.0	6.4	30.0
p-Diethylbenzene	Ave	0.9785	1.151		23.5	20.0	17.6	30.0
n-Butylbenzene	Ave	1.003	0.9762		19.5	20.0	-2.7	30.0
1,2-Dichlorobenzene	Ave	1.112	1.120	0.4000	20.1	20.0	0.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.908	1.958		20.5	20.0	2.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1314	0.1215	0.0500	18.5	20.0	-7.5	30.0
1,3,5-Trichlorobenzene	Ave	0.8191	0.7811		19.1	20.0	-4.6	30.0
1,2,4-Trichlorobenzene	Ave	0.7176	0.7112	0.2000	19.8	20.0	-0.9	30.0
Hexachlorobutadiene	Ave	0.2455	0.2477		20.2	20.0	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1
 SDG No.: _____
 Lab Sample ID: ICV 460-864088/17 Calibration Date: 08/31/2022 18:48
 Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27
 Lab File ID: J79492.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
Naphthalene	Ave	1.873	1.820		19.4	20.0	-2.8	30.0
1,2,3-Trichlorobenzene	Ave	0.6769	0.6330		18.7	20.0	-6.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2229	0.2239		50.2	50.0	0.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2913	0.2817		48.4	50.0	-3.3	30.0
Toluene-d8 (Surr)	Ave	1.091	1.122		51.4	50.0	2.8	30.0
4-Bromofluorobenzene	Ave	0.3408	0.3433		50.4	50.0	0.7	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79492.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 31-Aug-2022 18:48:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0149864-017
 Operator ID: Instrument ID: CVOAMS8
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:12:15 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1631

First Level Reviewer: W9CM

Date: 02-Sep-2022 11:53:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.261	1.265	-0.004	95	2917	20.0	12.9	
4 Dichlorodifluoromethane	85	1.284	1.288	-0.004	99	66857	20.0	21.0	
5 Chlorodifluoromethane	67	1.318	1.310	0.008	97	9018	20.0	18.6	
6 Chloromethane	50	1.444	1.447	-0.003	99	84118	20.0	20.0	
7 Vinyl chloride	62	1.524	1.527	-0.003	99	73764	20.0	23.8	
8 Butadiene	54	1.547	1.539	0.008	95	60322	20.0	19.1	
9 Bromomethane	94	1.787	1.790	-0.003	99	30422	20.0	22.2	
10 Chloroethane	64	1.866	1.858	0.008	98	36092	20.0	22.8	
12 Dichlorofluoromethane	67	2.015	2.018	-0.003	94	100136	20.0	20.9	
11 Trichlorofluoromethane	101	2.026	2.018	0.008	97	73590	20.0	22.0	
13 Pentane	43	2.061	2.064	-0.003	96	204193	40.0	47.6	
14 Ethanol	46	2.198	2.201	-0.003	93	5005	800.0	565.1	
15 Ethyl ether	59	2.243	2.247	-0.004	92	40137	20.0	21.1	
16 2-Methyl-1,3-butadiene	53	2.255	2.258	-0.003	96	53967	20.0	22.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.289	2.281	0.008	97	33545	20.0	22.4	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.335	2.338	-0.003	97	68737	20.0	22.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.392	2.395	-0.003	96	42807	20.0	21.0	
19 Acrolein	56	2.403	2.406	-0.003	95	14264	40.1	42.3	
21 1,1-Dichloroethene	96	2.426	2.429	-0.003	95	40552	20.0	21.8	
22 Acetone	43	2.517	2.521	-0.004	85	69710	100.0	93.4	
23 Iodomethane	142	2.574	2.566	0.008	99	30244	20.0	11.8	
24 Carbon disulfide	76	2.597	2.601	-0.004	100	154859	20.0	20.6	
25 Isopropyl alcohol	45	2.597	2.601	-0.004	29	16098	200.0	147.6	
26 3-Chloro-1-propene	76	2.723	2.726	-0.003	94	26996	20.0	20.4	
27 Cyclopentene	67	2.746	2.738	0.008	95	126665	20.0	21.6	
28 Methyl acetate	43	2.746	2.738	0.008	84	88152	40.0	43.3	
29 Acetonitrile	41	2.791	2.795	-0.004	98	65024	200.0	195.7	
* 30 TBA-d9 (IS)	65	2.848	2.852	-0.004	92	210422	1000.0	1000.0	
31 Methylene Chloride	84	2.848	2.852	-0.004	54	48995	20.0	20.4	a
32 2-Methyl-2-propanol	59	2.905	2.909	-0.004	98	25618	200.0	168.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.997	3.000	-0.003	97	125190	20.0	20.8	
34 trans-1,2-Dichloroethene	96	3.020	3.023	-0.003	98	44834	20.0	21.1	
35 Acrylonitrile	53	3.099	3.092	0.007	94	189938	200.0	202.0	
36 Hexane	57	3.168	3.171	-0.003	93	62036	20.0	20.2	
37 Isopropyl ether	45	3.373	3.377	-0.004	97	206534	20.0	22.6	
38 1,1-Dichloroethane	63	3.396	3.400	-0.004	99	97729	20.0	21.0	
39 Vinyl acetate	43	3.419	3.423	-0.004	100	142550	40.0	25.6	
40 2-Chloro-1,3-butadiene	88	3.442	3.445	-0.003	94	41019	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.682	3.685	-0.003	86	152249	20.0	22.3	
* 43 2-Butanone-d5	46	3.876	3.868	0.008	95	311704	250.0	250.0	
42 2,2-Dichloropropane	79	3.876	3.879	-0.003	56	19939	20.0	18.5	
44 cis-1,2-Dichloroethene	96	3.899	3.902	-0.003	92	47400	20.0	20.9	
46 2-Butanone (MEK)	72	3.921	3.925	-0.004	95	21914	100.0	96.6	
45 Ethyl acetate	70	3.933	3.936	-0.003	95	9413	40.0	43.3	
47 Methyl acrylate	55	3.979	3.982	-0.003	99	43285	20.0	21.2	
48 Propionitrile	54	4.047	4.051	-0.004	98	65650	200.0	204.4	
50 Chlorobromomethane	128	4.116	4.119	-0.003	97	22860	20.0	20.9	
49 Tetrahydrofuran	72	4.127	4.130	-0.003	83	9713	40.0	40.7	
51 Methacrylonitrile	67	4.150	4.153	-0.003	98	193410	200.0	212.0	
52 Chloroform	83	4.173	4.176	-0.003	96	81497	20.0	20.4	
53 Cyclohexane	84	4.287	4.290	-0.003	98	61614	20.0	20.8	
54 1,1,1-Trichloroethane	97	4.310	4.313	-0.003	97	65310	20.0	20.9	
\$ 55 Dibromofluoromethane (Surr)	113	4.332	4.325	0.007	95	106211	50.0	50.2	
56 Carbon tetrachloride	117	4.424	4.427	-0.003	97	55695	20.0	20.5	
57 1,1-Dichloropropene	75	4.458	4.462	-0.004	92	64355	20.0	20.7	
58 Isobutyl alcohol	43	4.606	4.610	-0.004	93	55679	500.0	439.8	
59 Isooctane	57	4.618	4.621	-0.003	95	109684	20.0	19.8	
60 Benzene	78	4.652	4.656	-0.004	97	187088	20.0	21.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.675	4.667	0.008	0	133625	50.0	48.4	
63 Tert-amyl methyl ether	55	4.721	4.724	-0.003	70	47732	20.0	24.3	
62 Isopropyl acetate	43	4.721	4.724	-0.003	92	162421	20.0	21.6	
64 1,2-Dichloroethane	62	4.743	4.747	-0.004	96	69133	20.0	20.3	
65 n-Heptane	57	4.801	4.804	-0.003	97	23389	20.0	19.9	
* 66 Fluorobenzene	96	4.938	4.941	-0.003	97	474276	50.0	50.0	
67 n-Butanol	56	5.280	5.272	0.008	97	10841	500.0	330.3	
68 Trichloroethene	95	5.280	5.284	-0.004	96	47641	20.0	21.4	
69 Methylcyclohexane	83	5.394	5.398	-0.004	91	64626	20.0	21.2	
70 Ethyl acrylate	55	5.406	5.409	-0.003	98	120732	20.0	21.2	
71 1,2-Dichloropropane	63	5.565	5.569	-0.004	88	55764	20.0	20.6	
* 72 1,4-Dioxane-d8	96	5.634	5.637	-0.003	0	26315	1000.0	1000.0	
73 Methyl methacrylate	100	5.657	5.660	-0.003	94	19136	40.0	42.6	
75 1,4-Dioxane	88	5.691	5.695	-0.004	39	3469	400.0	351.1	
74 Dibromomethane	93	5.702	5.695	0.007	94	30799	20.0	20.4	
76 n-Propyl acetate	43	5.714	5.717	-0.003	98	79538	20.0	21.3	
77 Dichlorobromomethane	83	5.851	5.854	-0.003	98	63815	20.0	20.3	
78 2-Nitropropane	41	6.182	6.185	-0.003	84	25968	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	6.193	6.197	-0.004	75	30838	20.0	20.9	
80 Epichlorohydrin	57	6.296	6.300	-0.004	87	4259	20.0	21.8	
81 cis-1,3-Dichloropropene	75	6.353	6.345	0.008	97	77989	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.513	6.517	-0.004	98	256677	100.0	108.0	
\$ 83 Toluene-d8 (Surr)	98	6.582	6.585	-0.003	98	401129	50.0	51.4	
84 Toluene	91	6.662	6.665	-0.003	93	188535	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
85 trans-1,3-Dichloropropene	75	7.027	7.019	0.008	96	68612	20.0	19.7	
86 Ethyl methacrylate	69	7.061	7.053	0.008	96	49987	20.0	19.6	
87 1,1,2-Trichloroethane	83	7.232	7.236	-0.004	94	38506	20.0	20.9	
88 Tetrachloroethene	166	7.267	7.270	-0.003	94	41680	20.0	20.7	
89 1,3-Dichloropropane	76	7.449	7.441	0.008	97	70691	20.0	19.9	
90 2-Hexanone	58	7.518	7.521	-0.003	99	77985	100.0	101.6	
91 n-Butyl acetate	43	7.632	7.635	-0.003	97	82618	20.0	21.2	
92 Chlorodibromomethane	129	7.678	7.670	0.008	96	43633	20.0	20.0	
93 Ethylene Dibromide	107	7.826	7.829	-0.003	97	41875	20.0	20.5	
* 94 Chlorobenzene-d5	117	8.374	8.377	-0.003	90	357660	50.0	50.0	
95 Chlorobenzene	112	8.408	8.412	-0.004	93	121374	20.0	21.0	
96 Ethylbenzene	106	8.511	8.514	-0.003	99	59731	20.0	20.2	
97 1,1,1,2-Tetrachloroethane	131	8.534	8.537	-0.003	93	41371	20.0	20.3	
98 m-Xylene & p-Xylene	106	8.682	8.674	0.008	0	73408	20.0	20.7	
99 o-Xylene	106	9.196	9.199	-0.003	93	74186	20.0	20.6	
100 n-Butyl acrylate	73	9.196	9.199	-0.003	67	31809	20.0	20.2	
101 Styrene	104	9.230	9.234	-0.004	94	122323	20.0	20.8	
102 Amyl acetate (mixed isomers)	43	9.459	9.462	-0.003	87	92859	20.0	20.1	
103 Bromoform	173	9.459	9.462	-0.003	57	27583	20.0	19.5	
104 Isopropylbenzene	105	9.596	9.599	-0.003	97	179807	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	9.790	9.793	-0.003	88	122769	50.0	50.4	
106 Bromobenzene	156	9.915	9.919	-0.004	96	48889	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.972	9.976	-0.004	98	53601	20.0	18.5	
108 N-Propylbenzene	91	9.995	9.987	0.008	98	225533	20.0	20.1	
109 1,2,3-Trichloropropane	110	10.007	10.010	-0.003	95	13466	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	10.029	10.033	-0.004	84	17513	20.0	18.7	
111 2-Chlorotoluene	91	10.087	10.090	-0.003	97	159810	20.0	20.1	
112 4-Ethyltoluene	105	10.098	10.101	-0.003	97	187645	20.0	20.6	
113 1,3,5-Trimethylbenzene	105	10.155	10.159	-0.003	93	154303	20.0	20.4	
114 4-Chlorotoluene	91	10.189	10.181	0.008	98	147574	20.0	19.8	
115 Butyl Methacrylate	87	10.246	10.250	-0.004	96	53811	20.0	16.8	
116 tert-Butylbenzene	119	10.406	10.410	-0.004	92	121032	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	10.452	10.455	-0.003	99	161303	20.0	20.4	
118 sec-Butylbenzene	105	10.577	10.570	0.007	99	185201	20.0	20.8	
120 1,3-Dichlorobenzene	146	10.680	10.684	-0.004	78	88853	20.0	19.8	
119 4-Isopropyltoluene	119	10.680	10.684	-0.004	97	153273	20.0	20.1	
* 121 1,4-Dichlorobenzene-d4	152	10.737	10.741	-0.004	97	199566	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.749	10.752	-0.003	92	93121	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.772	10.764	0.008	99	177413	20.0	20.8	
124 Benzyl chloride	91	10.863	10.855	0.008	98	84271	20.0	17.5	
125 2,3-Dihydroindene	117	10.909	10.901	0.008	94	173919	20.0	21.3	
126 p-Diethylbenzene	119	10.954	10.946	0.008	91	91889	20.0	23.5	
127 n-Butylbenzene	92	10.966	10.969	-0.003	97	77925	20.0	19.5	
128 1,2-Dichlorobenzene	146	11.011	11.015	-0.004	95	89379	20.0	20.1	
129 1,2,4,5-Tetramethylbenzene	119	11.445	11.449	-0.004	97	156283	20.0	20.5	
130 1,2-Dibromo-3-Chloropropane	157	11.514	11.517	-0.003	92	9698	20.0	18.5	
131 1,3,5-Trichlorobenzene	180	11.594	11.597	-0.003	95	62356	20.0	19.1	
132 1,2,4-Trichlorobenzene	180	11.982	11.985	-0.003	94	56771	20.0	19.8	
133 Hexachlorobutadiene	225	12.050	12.054	-0.004	95	19770	20.0	20.2	
134 Naphthalene	128	12.142	12.145	-0.003	99	145246	20.0	19.4	
135 1,2,3-Trichlorobenzene	180	12.301	12.305	-0.004	95	50534	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	41.3	
S 138 Total BTEX	1				0		100.0	103.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN SP_00141	Amount Added: 4.00	Units: uL	
8FreonsSS_00048	Amount Added: 20.00	Units: uL	
GAS C SP_00477	Amount Added: 20.00	Units: uL	
8260 SP_00157	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79492.D

Injection Date: 31-Aug-2022 18:48:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: ICV

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

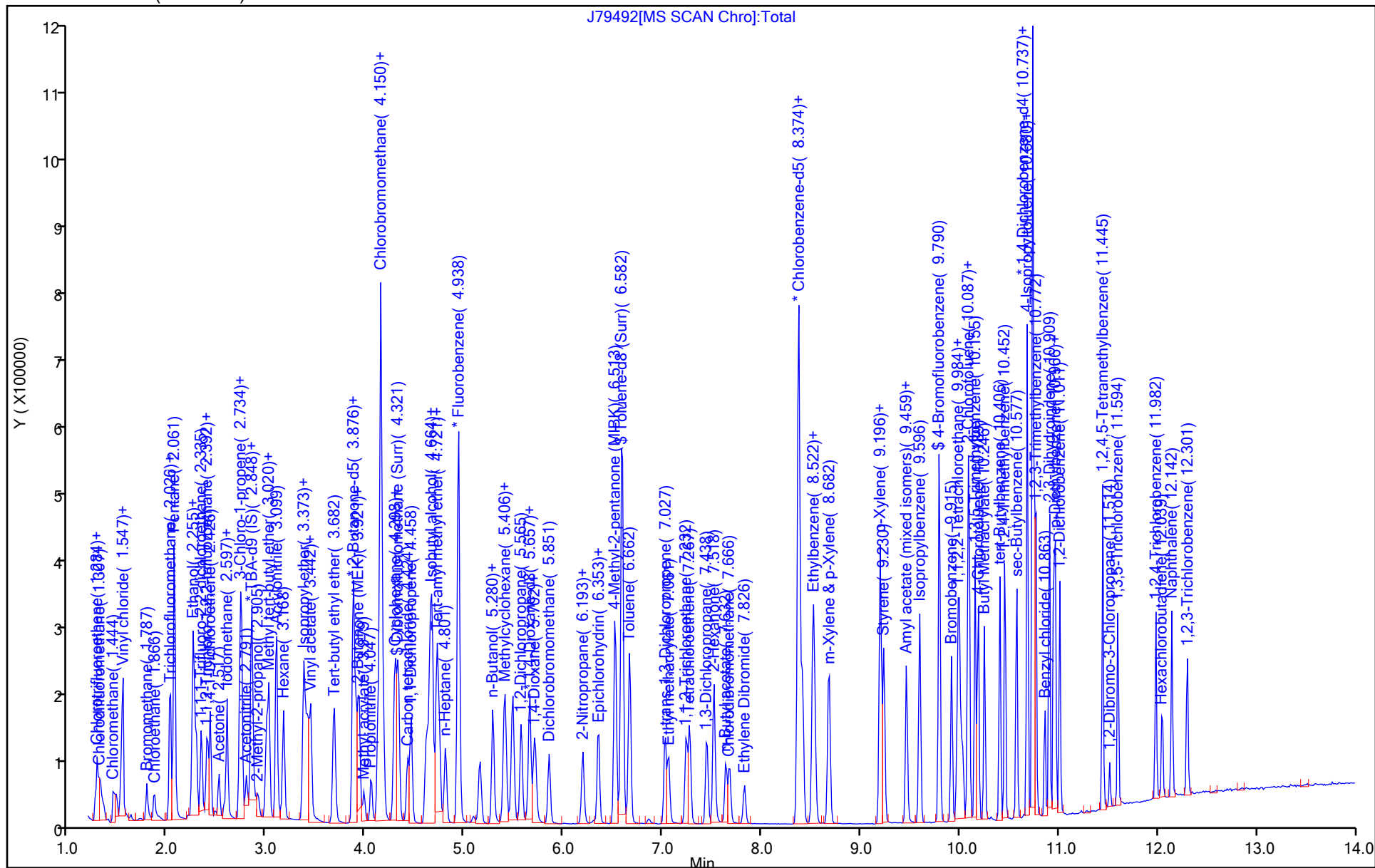
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79492.D

Injection Date: 31-Aug-2022 18:48:30

Instrument ID: CVOAMS8

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

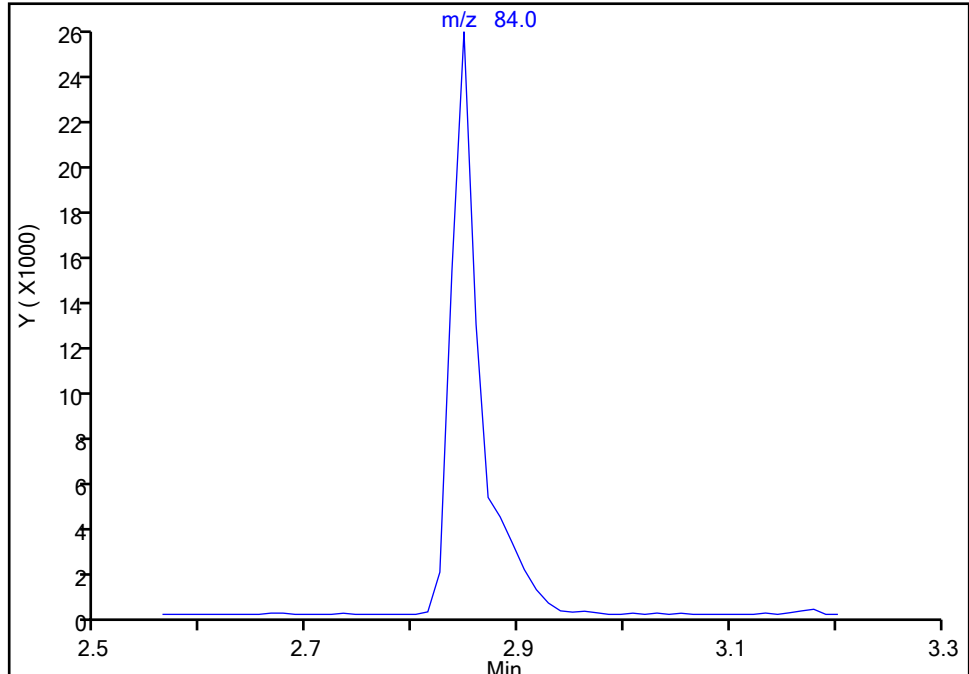
31 Methylene Chloride, CAS: 75-09-2

Signal: 1

Not Detected

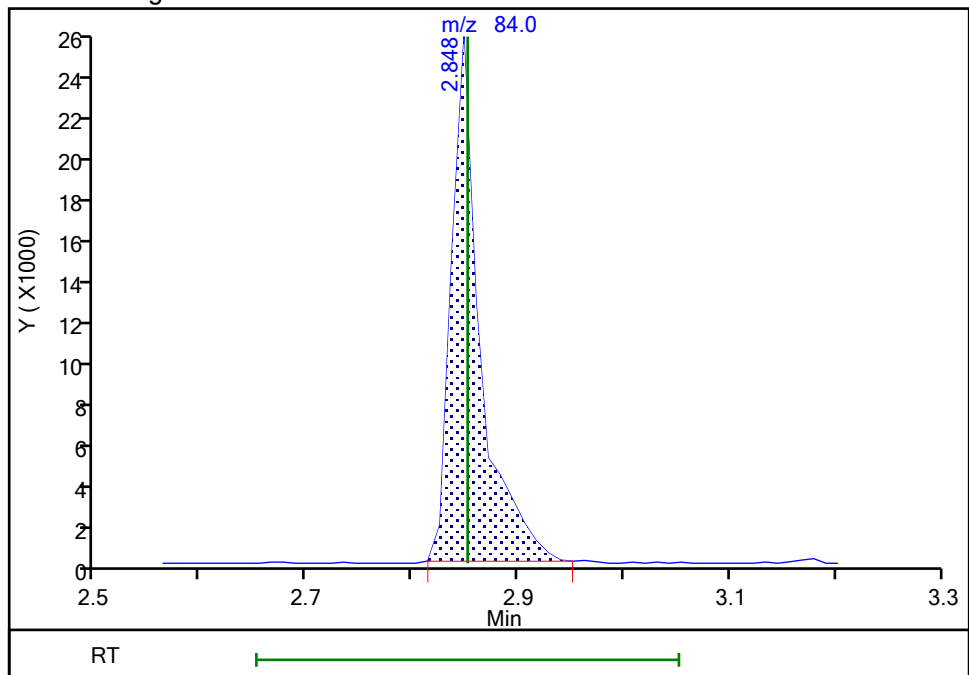
Expected RT: 2.85

Processing Integration Results



RT: 2.85
Area: 48995
Amount: 20.432365
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Sep-2022 20:06:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865501/2 Calibration Date: 09/09/2022 18:04

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79864.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0238	0.0259		21.7	20.0	8.7	20.0
Dichlorodifluoromethane	Ave	0.3349	0.3072	0.1000	18.3	20.0	-8.3	20.0
Chlorodifluoromethane	Ave	0.0510	0.0458		18.0	20.0	-10.2	20.0
Chloromethane	Ave	0.4443	0.3763	0.1000	16.9	20.0	-15.3	20.0
Vinyl chloride	Ave	0.3265	0.2788	0.1000	17.1	20.0	-14.6	20.0
Butadiene	Ave	0.3332	0.2565		15.4	20.0	-23.0*	20.0
Bromomethane	Ave	0.1444	0.1467	0.1000	20.3	20.0	1.6	50.0
Chloroethane	Ave	0.1670	0.1560	0.1000	18.7	20.0	-6.6	50.0
Dichlorofluoromethane	Ave	0.5047	0.4562		18.1	20.0	-9.6	20.0
Trichlorofluoromethane	Ave	0.3533	0.3163	0.1000	17.9	20.0	-10.5	20.0
Pentane	Ave	0.4518	0.3690		32.7	40.0	-18.3	20.0
Ethanol	Ave	0.0421	0.0356		676	800	-15.5	50.0
Ethyl ether	Ave	0.2009	0.1975		19.7	20.0	-1.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2532	0.2156		17.0	20.0	-14.8	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.1576	0.1682		21.3	20.0	6.7	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3269	0.3247		19.9	20.0	-0.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2145	0.2019	0.1000	18.8	20.0	-5.9	20.0
Acrolein	Ave	1.601	1.506		37.6	40.0	-6.0	50.0
1,1-Dichloroethene	Ave	0.1963	0.2015	0.1000	20.5	20.0	2.7	20.0
Acetone	Ave	0.5987	0.5517	0.0500	92.1	100	-7.9	50.0
Iodomethane	QuaF		0.2497		18.6	20.0	-7.1	20.0
Carbon disulfide	Ave	0.7924	0.7713	0.1000	19.5	20.0	-2.7	50.0
Isopropyl alcohol	Ave	0.5183	0.4438		171	200	-14.4	50.0
3-Chloro-1-propene	Ave	0.1393	0.1383		19.9	20.0	-0.7	20.0
Cyclopentene	Ave	0.6179	0.5603		18.1	20.0	-9.3	20.0
Methyl acetate	Ave	0.2147	0.1960	0.1000	36.5	40.0	-8.7	20.0
Acetonitrile	Ave	1.579	1.700		215	200	7.6	20.0
Methylene Chloride	Ave	0.2528	0.2565	0.1000	20.3	20.0	1.5	20.0
2-Methyl-2-propanol	Ave	0.7223	0.7267		201	200	0.6	50.0
Methyl tert-butyl ether	Ave	0.6347	0.6314	0.1000	19.9	20.0	-0.5	20.0
trans-1,2-Dichloroethene	Ave	0.2243	0.2378	0.1000	21.2	20.0	6.0	20.0
Acrylonitrile	Ave	4.469	4.808		215	200	7.6	20.0
Hexane	Ave	0.3245	0.2807		17.3	20.0	-13.5	20.0
Isopropyl ether	Ave	0.9646	0.9425		19.5	20.0	-2.3	20.0
1,1-Dichloroethane	Ave	0.4900	0.5143	0.2000	21.0	20.0	5.0	20.0
Vinyl acetate	Ave	0.5867	0.6614		45.1	40.0	12.7	20.0
2-Chloro-1,3-butadiene	Ave	0.1990	0.2094		21.1	20.0	5.3	20.0
Tert-butyl ethyl ether	Ave	0.7200	0.7461		20.7	20.0	3.6	20.0
2,2-Dichloropropane	Ave	0.1135	0.1243		21.9	20.0	9.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865501/2 Calibration Date: 09/09/2022 18:04

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79864.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
cis-1,2-Dichloroethene	Ave	0.2395	0.2766	0.1000	23.1	20.0	15.5	20.0
2-Butanone (MEK)	Ave	0.1819	0.1992	0.0500	110	100	9.5	50.0
Ethyl acetate	Ave	0.1745	0.2100		48.2	40.0	20.4*	20.0
Methyl acrylate	Ave	0.2152	0.2130		19.8	20.0	-1.0	20.0
Propionitrile	Ave	1.526	1.790		235	200	17.3	20.0
Chlorobromomethane	Ave	0.1156	0.1435		24.8	20.0	24.2*	20.0
Tetrahydrofuran	Ave	0.1916	0.2111		44.1	40.0	10.2	20.0
Methacrylonitrile	Ave	0.0962	0.1010		210	200	5.1	20.0
Chloroform	Ave	0.4219	0.4532	0.2000	21.5	20.0	7.4	20.0
Cyclohexane	Ave	0.3116	0.3039	0.1000	19.5	20.0	-2.5	50.0
1,1,1-Trichloroethane	Ave	0.3302	0.3654	0.1000	22.1	20.0	10.7	20.0
Carbon tetrachloride	Ave	0.2860	0.3115	0.1000	21.8	20.0	8.9	20.0
1,1-Dichloropropene	Ave	0.3285	0.3349		20.4	20.0	1.9	20.0
Isobutyl alcohol	Ave	0.6017	0.5548		461	500	-7.8	50.0
Isooctane	Ave	0.5835	0.5183		17.8	20.0	-11.2	20.0
Benzene	Ave	1.241	1.311	0.5000	21.1	20.0	5.6	20.0
Tert-amyl methyl ether	Ave	0.2068	0.2411		23.3	20.0	16.6	20.0
Isopropyl acetate	Ave	0.7945	0.8005		20.2	20.0	0.8	20.0
1,2-Dichloroethane	Ave	0.3596	0.3703	0.1000	20.6	20.0	3.0	20.0
n-Heptane	Ave	0.1240	0.1124		18.1	20.0	-9.3	20.0
n-Butanol	Ave	0.1560	0.1114		357	500	-28.6	50.0
Trichloroethene	Ave	0.2351	0.2395	0.2000	20.4	20.0	1.9	20.0
Methylcyclohexane	Ave	0.3212	0.3019	0.1000	18.8	20.0	-6.0	50.0
Ethyl acrylate	Ave	0.6012	0.5723		19.0	20.0	-4.8	20.0
1,2-Dichloropropane	Ave	0.2851	0.2867	0.1000	20.1	20.0	0.6	20.0
Methyl methacrylate	Ave	0.0474	0.0533		45.0	40.0	12.6	20.0
1,4-Dioxane	QuaF		0.4035		427	400	6.8	50.0
Dibromomethane	Ave	0.1595	0.1714		21.5	20.0	7.5	20.0
n-Propyl acetate	Ave	0.3939	0.3733		19.0	20.0	-5.2	20.0
Bromodichloromethane	Ave	0.3319	0.3409	0.2000	20.5	20.0	2.7	20.0
2-Nitropropane	Ave	3.438	3.562		41.4	40.0	3.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1555	0.1393		18.0	20.0	-10.4	20.0
Epichlorohydrin	Ave	0.1564	0.1761		450	400	12.6	20.0
cis-1,3-Dichloropropene	Ave	0.5550	0.5569	0.2000	20.1	20.0	0.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.907	2.026	0.0500	106	100	6.2	50.0
Toluene	Ave	1.250	1.284	0.4000	20.6	20.0	2.8	20.0
trans-1,3-Dichloropropene	Ave	0.4874	0.4766	0.1000	19.6	20.0	-2.2	50.0
Ethyl methacrylate	Ave	0.2685	0.2555		19.0	20.0	-4.9	20.0
1,1,2-Trichloroethane	Ave	0.2572	0.2610	0.1000	20.3	20.0	1.5	20.0
Tetrachloroethene	Ave	0.2812	0.3320	0.2000	23.6	20.0	18.0	20.0
1,3-Dichloropropane	Ave	0.4974	0.4861		19.5	20.0	-2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865501/2 Calibration Date: 09/09/2022 18:04

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79864.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.6155	0.6351	0.0500	103	100	3.2	50.0
n-Butyl acetate	Ave	0.5459	0.5020		18.4	20.0	-8.0	20.0
Chlorodibromomethane	Ave	0.3050	0.3369	0.1000	22.1	20.0	10.5	50.0
Ethylene Dibromide	Ave	0.2860	0.3030	0.1000	21.2	20.0	6.0	20.0
Chlorobenzene	Ave	0.8086	0.8761	0.5000	21.7	20.0	8.4	20.0
Ethylbenzene	Ave	0.4135	0.4236	0.1000	20.5	20.0	2.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2852	0.3106		21.8	20.0	8.9	20.0
m-Xylene & p-Xylene	Ave	0.4964	0.5193	0.1000	20.9	20.0	4.6	20.0
n-Butyl acrylate	Ave	0.2205	0.2045		18.5	20.0	-7.3	20.0
o-Xylene	Ave	0.5040	0.5243	0.3000	20.8	20.0	4.0	20.0
Styrene	Ave	0.8239	0.8929	0.3000	21.7	20.0	8.4	20.0
Amyl acetate (mixed isomers)	Ave	1.156	0.9826		17.0	20.0	-15.0	20.0
Bromoform	Ave	0.1974	0.2313	0.1000	23.4	20.0	17.2	20.0
Isopropylbenzene	Ave	1.198	1.248	0.1000	20.8	20.0	4.2	20.0
Bromobenzene	Ave	0.6153	0.6790		22.1	20.0	10.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7271	0.6754	0.3000	18.6	20.0	-7.1	20.0
N-Propylbenzene	Ave	2.806	2.606		18.6	20.0	-7.1	20.0
1,2,3-Trichloropropane	Ave	0.1640	0.1693		20.6	20.0	3.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2344	0.2001		17.1	20.0	-14.7	20.0
2-Chlorotoluene	Ave	1.987	1.900		19.1	20.0	-4.4	20.0
4-Ethyltoluene	Ave	2.284	2.277		19.9	20.0	-0.3	20.0
1,3,5-Trimethylbenzene	Ave	1.897	1.830		19.3	20.0	-3.6	20.0
4-Chlorotoluene	Ave	1.865	1.736		18.6	20.0	-6.9	20.0
Butyl Methacrylate	QuaF		0.6161		15.3	20.0	-23.3*	20.0
tert-Butylbenzene	Ave	1.504	1.489		19.8	20.0	-1.0	20.0
1,2,4-Trimethylbenzene	Ave	1.977	1.960		19.8	20.0	-0.9	20.0
sec-Butylbenzene	Ave	2.230	2.091		18.8	20.0	-6.2	20.0
1,3-Dichlorobenzene	Ave	1.127	1.211	0.6000	21.5	20.0	7.5	20.0
4-Isopropyltoluene	Ave	1.907	1.794		18.8	20.0	-6.0	20.0
1,4-Dichlorobenzene	Ave	1.176	1.257	0.5000	21.4	20.0	6.9	20.0
1,2,3-Trimethylbenzene	Ave	2.138	2.115		19.8	20.0	-1.1	20.0
Benzyl chloride	Ave	1.204	1.255		20.8	20.0	4.2	50.0
Indan	Ave	2.047	2.113		20.6	20.0	3.2	20.0
p-Diethylbenzene	Ave	0.9785	0.9664		19.8	20.0	-1.2	20.0
n-Butylbenzene	Ave	1.003	0.9365		18.7	20.0	-6.6	20.0
1,2-Dichlorobenzene	Ave	1.112	1.172	0.4000	21.1	20.0	5.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.908	1.869		19.6	20.0	-2.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1314	0.1348	0.0500	20.5	20.0	2.6	50.0
1,3,5-Trichlorobenzene	Ave	0.8191	0.8598		21.0	20.0	5.0	20.0
1,2,4-Trichlorobenzene	Ave	0.7176	0.7754	0.2000	21.6	20.0	8.1	20.0
Hexachlorobutadiene	Ave	0.2455	0.2545		20.7	20.0	3.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-865501/2 Calibration Date: 09/09/2022 18:04
 Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27
 Lab File ID: J79864.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
Naphthalene	Ave	1.873	1.808		19.3	20.0	-3.4	50.0
1,2,3-Trichlorobenzene	Ave	0.6769	0.6943		20.5	20.0	2.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2229	0.2282		51.2	50.0	2.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2913	0.2683		46.0	50.0	-7.9	20.0
Toluene-d8 (Surr)	Ave	1.091	1.065		48.8	50.0	-2.3	20.0
4-Bromofluorobenzene	Ave	0.3408	0.3726		54.7	50.0	9.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79864.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 09-Sep-2022 18:04:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0150196-002
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 18:36:29 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 18:36:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.262	1.262	0.000	89	5084	20.0	21.7	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	100	60312	20.0	18.3	
5 Chlorodifluoromethane	67	1.307	1.307	0.000	97	8993	20.0	18.0	
6 Chloromethane	50	1.444	1.444	0.000	99	73875	20.0	16.9	
7 Vinyl chloride	62	1.513	1.513	0.000	99	54728	20.0	17.1	
8 Butadiene	54	1.536	1.536	0.000	94	50351	20.0	15.4	
9 Bromomethane	94	1.775	1.775	0.000	99	28794	20.0	20.3	
10 Chloroethane	64	1.855	1.855	0.000	98	30615	20.0	18.7	
11 Trichlorofluoromethane	101	2.015	2.015	0.000	97	62086	20.0	17.9	
12 Dichlorofluoromethane	67	2.015	2.015	0.000	93	89554	20.0	18.1	
13 Pentane	43	2.061	2.061	0.000	96	144890	40.0	32.7	
14 Ethanol	46	2.198	2.198	0.000	100	5148	800.0	675.7	
15 Ethyl ether	59	2.232	2.232	0.000	93	38762	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	2.255	2.255	0.000	99	42321	20.0	17.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.278	2.278	0.000	97	33009	20.0	21.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.323	2.323	0.000	97	63734	20.0	19.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.380	2.380	0.000	98	39635	20.0	18.8	
19 Acrolein	56	2.392	2.392	0.000	95	10902	40.0	37.6	
21 1,1-Dichloroethene	96	2.415	2.415	0.000	95	39560	20.0	20.5	
22 Acetone	43	2.506	2.506	0.000	85	62859	100.0	92.1	
23 Iodomethane	142	2.563	2.563	0.000	98	49023	20.0	18.6	
24 Carbon disulfide	76	2.586	2.586	0.000	100	151399	20.0	19.5	
25 Isopropyl alcohol	45	2.586	2.586	0.000	96	16064	200.0	171.2	
26 3-Chloro-1-propene	76	2.712	2.712	0.000	90	27147	20.0	19.9	
28 Methyl acetate	43	2.734	2.734	0.000	78	76962	40.0	36.5	
27 Cyclopentene	67	2.734	2.734	0.000	95	109978	20.0	18.1	
29 Acetonitrile	41	2.780	2.780	0.000	99	61535	200.0	215.3	
* 30 TBA-d9 (IS)	65	2.837	2.837	0.000	95	181000	1000.0	1000.0	a
31 Methylene Chloride	84	2.837	2.837	0.000	61	50358	20.0	20.3	
32 2-Methyl-2-propanol	59	2.906	2.906	0.000	99	26305	200.0	201.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.986	2.986	0.000	97	123939	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.008	3.008	0.000	99	46679	20.0	21.2	
35 Acrylonitrile	53	3.088	3.088	0.000	93	174064	200.0	215.2	
36 Hexane	57	3.157	3.157	0.000	93	55111	20.0	17.3	
37 Isopropyl ether	45	3.362	3.362	0.000	97	185014	20.0	19.5	
38 1,1-Dichloroethane	63	3.385	3.385	0.000	99	100960	20.0	21.0	
39 Vinyl acetate	43	3.408	3.408	0.000	100	259687	40.0	45.1	
40 2-Chloro-1,3-butadiene	88	3.431	3.431	0.000	92	41114	20.0	21.1	
41 Tert-butyl ethyl ether	59	3.671	3.671	0.000	88	146454	20.0	20.7	
42 2,2-Dichloropropane	79	3.865	3.865	0.000	63	24399	20.0	21.9	
* 43 2-Butanone-d5	46	3.865	3.865	0.000	97	284839	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.887	3.887	0.000	96	54301	20.0	23.1	
46 2-Butanone (MEK)	72	3.910	3.910	0.000	95	22699	100.0	109.5	
45 Ethyl acetate	70	3.922	3.922	0.000	95	9572	40.0	48.2	
47 Methyl acrylate	55	3.967	3.967	0.000	99	41820	20.0	19.8	
48 Propionitrile	54	4.036	4.036	0.000	97	64795	200.0	234.5	
50 Chlorobromomethane	128	4.104	4.104	0.000	98	28167	20.0	24.8	
49 Tetrahydrofuran	72	4.116	4.116	0.000	95	9623	40.0	44.1	
51 Methacrylonitrile	67	4.139	4.139	0.000	97	198315	200.0	210.1	
52 Chloroform	83	4.161	4.161	0.000	97	88968	20.0	21.5	
53 Cyclohexane	84	4.276	4.276	0.000	97	59663	20.0	19.5	
54 1,1,1-Trichloroethane	97	4.298	4.298	0.000	98	71725	20.0	22.1	
\$ 55 Dibromofluoromethane (Surr)	113	4.310	4.310	0.000	97	112006	50.0	51.2	
56 Carbon tetrachloride	117	4.413	4.413	0.000	98	61143	20.0	21.8	
57 1,1-Dichloropropene	75	4.447	4.447	0.000	94	65744	20.0	20.4	
58 Isobutyl alcohol	43	4.595	4.595	0.000	95	50208	500.0	461.0	
59 Isooctane	57	4.607	4.607	0.000	95	101747	20.0	17.8	
60 Benzene	78	4.641	4.641	0.000	97	199820	20.0	21.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.652	4.652	0.000	0	131668	50.0	46.0	
63 Tert-amyl methyl ether	55	4.698	4.698	0.000	72	47327	20.0	23.3	
62 Isopropyl acetate	43	4.709	4.709	0.000	92	157148	20.0	20.2	
64 1,2-Dichloroethane	62	4.732	4.732	0.000	96	72694	20.0	20.6	
65 n-Heptane	57	4.789	4.789	0.000	97	22073	20.0	18.1	
* 66 Fluorobenzene	96	4.926	4.926	0.000	98	490754	50.0	50.0	
68 Trichloroethene	95	5.269	5.269	0.000	97	47016	20.0	20.4	
69 Methylcyclohexane	83	5.383	5.383	0.000	87	59261	20.0	18.8	
67 n-Butanol	56	5.257	5.257	0.000	30	10080	500.0	357.0	a
70 Ethyl acrylate	55	5.394	5.394	0.000	97	112349	20.0	19.0	
71 1,2-Dichloropropane	63	5.554	5.554	0.000	88	56284	20.0	20.1	
* 72 1,4-Dioxane-d8	96	5.623	5.623	0.000	0	25823	1000.0	1000.0	
73 Methyl methacrylate	100	5.646	5.646	0.000	95	20945	40.0	45.0	
75 1,4-Dioxane	88	5.680	5.680	0.000	37	4168	400.0	427.2	
74 Dibromomethane	93	5.680	5.680	0.000	97	33655	20.0	21.5	
76 n-Propyl acetate	43	5.703	5.703	0.000	99	73287	20.0	19.0	
77 Dichlorobromomethane	83	5.840	5.840	0.000	98	66910	20.0	20.5	
78 2-Nitropropane	41	6.171	6.171	0.000	98	25787	40.0	41.4	
79 2-Chloroethyl vinyl ether	63	6.182	6.182	0.000	98	27408	20.0	18.0	
80 Epichlorohydrin	57	6.285	6.285	0.000	99	80237	400.0	450.2	
81 cis-1,3-Dichloropropene	75	6.331	6.331	0.000	97	84872	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.502	6.502	0.000	98	230822	100.0	106.2	
\$ 83 Toluene-d8 (Surr)	98	6.570	6.570	0.000	99	405786	50.0	48.8	
84 Toluene	91	6.650	6.650	0.000	93	195701	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.004	7.004	0.000	98	72622	20.0	19.6	
86 Ethyl methacrylate	69	7.038	7.038	0.000	93	50153	20.0	19.0	
87 1,1,2-Trichloroethane	83	7.221	7.221	0.000	95	39773	20.0	20.3	
88 Tetrachloroethene	166	7.255	7.255	0.000	99	50591	20.0	23.6	
89 1,3-Dichloropropane	76	7.427	7.427	0.000	98	74083	20.0	19.5	
90 2-Hexanone	58	7.495	7.495	0.000	99	72366	100.0	103.2	
91 n-Butyl acetate	43	7.621	7.621	0.000	96	76500	20.0	18.4	
92 Chlorodibromomethane	129	7.655	7.655	0.000	98	51333	20.0	22.1	
93 Ethylene Dibromide	107	7.803	7.803	0.000	100	46181	20.0	21.2	
* 94 Chlorobenzene-d5	117	8.363	8.363	0.000	87	380970	50.0	50.0	
95 Chlorobenzene	112	8.397	8.397	0.000	95	133506	20.0	21.7	
96 Ethylbenzene	106	8.500	8.500	0.000	99	64548	20.0	20.5	
97 1,1,1,2-Tetrachloroethane	131	8.523	8.523	0.000	95	47331	20.0	21.8	
98 m-Xylene & p-Xylene	106	8.660	8.660	0.000	0	79137	20.0	20.9	
99 o-Xylene	106	9.185	9.185	0.000	93	79890	20.0	20.8	
100 n-Butyl acrylate	73	9.185	9.185	0.000	66	31165	20.0	18.5	
101 Styrene	104	9.219	9.219	0.000	95	136071	20.0	21.7	
102 Amyl acetate (mixed isomers)	43	9.447	9.447	0.000	87	89050	20.0	17.0	
103 Bromoform	173	9.447	9.447	0.000	63	35250	20.0	23.4	
104 Isopropylbenzene	105	9.584	9.584	0.000	96	190216	20.0	20.8	
\$ 105 4-Bromofluorobenzene	174	9.779	9.779	0.000	95	141954	50.0	54.7	
106 Bromobenzene	156	9.904	9.904	0.000	93	61538	20.0	22.1	
107 1,1,2,2-Tetrachloroethane	83	9.961	9.961	0.000	97	61212	20.0	18.6	
108 N-Propylbenzene	91	9.984	9.984	0.000	99	236139	20.0	18.6	
109 1,2,3-Trichloropropane	110	9.995	9.995	0.000	95	15342	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	10.018	10.018	0.000	90	18131	20.0	17.1	
111 2-Chlorotoluene	91	10.075	10.075	0.000	98	172226	20.0	19.1	
112 4-Ethyltoluene	105	10.087	10.087	0.000	97	206360	20.0	19.9	
113 1,3,5-Trimethylbenzene	105	10.144	10.144	0.000	94	165850	20.0	19.3	
114 4-Chlorotoluene	91	10.178	10.178	0.000	97	157360	20.0	18.6	
115 Butyl Methacrylate	87	10.235	10.235	0.000	97	55834	20.0	15.3	
116 tert-Butylbenzene	119	10.395	10.395	0.000	94	134905	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.441	10.441	0.000	99	177656	20.0	19.8	
118 sec-Butylbenzene	105	10.566	10.566	0.000	99	189539	20.0	18.8	
120 1,3-Dichlorobenzene	146	10.669	10.669	0.000	88	109718	20.0	21.5	
119 4-Isopropyltoluene	119	10.669	10.669	0.000	97	162566	20.0	18.8	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.726	0.000	95	226569	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.749	10.749	0.000	96	113907	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	10.760	10.760	0.000	99	191662	20.0	19.8	
124 Benzyl chloride	91	10.852	10.852	0.000	98	113694	20.0	20.8	
125 2,3-Dihydroindene	117	10.897	10.897	0.000	95	191474	20.0	20.6	
126 p-Diethylbenzene	119	10.943	10.943	0.000	92	87586	20.0	19.8	
127 n-Butylbenzene	92	10.954	10.954	0.000	97	84875	20.0	18.7	
128 1,2-Dichlorobenzene	146	11.000	11.000	0.000	97	106259	20.0	21.1	
129 1,2,4,5-Tetramethylbenzene	119	11.434	11.434	0.000	98	169387	20.0	19.6	
130 1,2-Dibromo-3-Chloropropane	157	11.502	11.502	0.000	94	12214	20.0	20.5	
131 1,3,5-Trichlorobenzene	180	11.594	11.594	0.000	98	77919	20.0	21.0	
132 1,2,4-Trichlorobenzene	180	11.971	11.971	0.000	94	70275	20.0	21.6	
133 Hexachlorobutadiene	225	12.039	12.039	0.000	97	23068	20.0	20.7	
134 Naphthalene	128	12.130	12.130	0.000	99	163857	20.0	19.3	
135 1,2,3-Trichlorobenzene	180	12.290	12.290	0.000	95	62923	20.0	20.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	41.7	
S 138 Total BTEX	1				0		100.0	103.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158	Amount Added: 20.00	Units: uL	
524freon_00056	Amount Added: 20.00	Units: uL	
GASES Li_00492	Amount Added: 20.00	Units: uL	
ACROLEIN W_00143	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79864.D

Injection Date: 09-Sep-2022 18:04:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

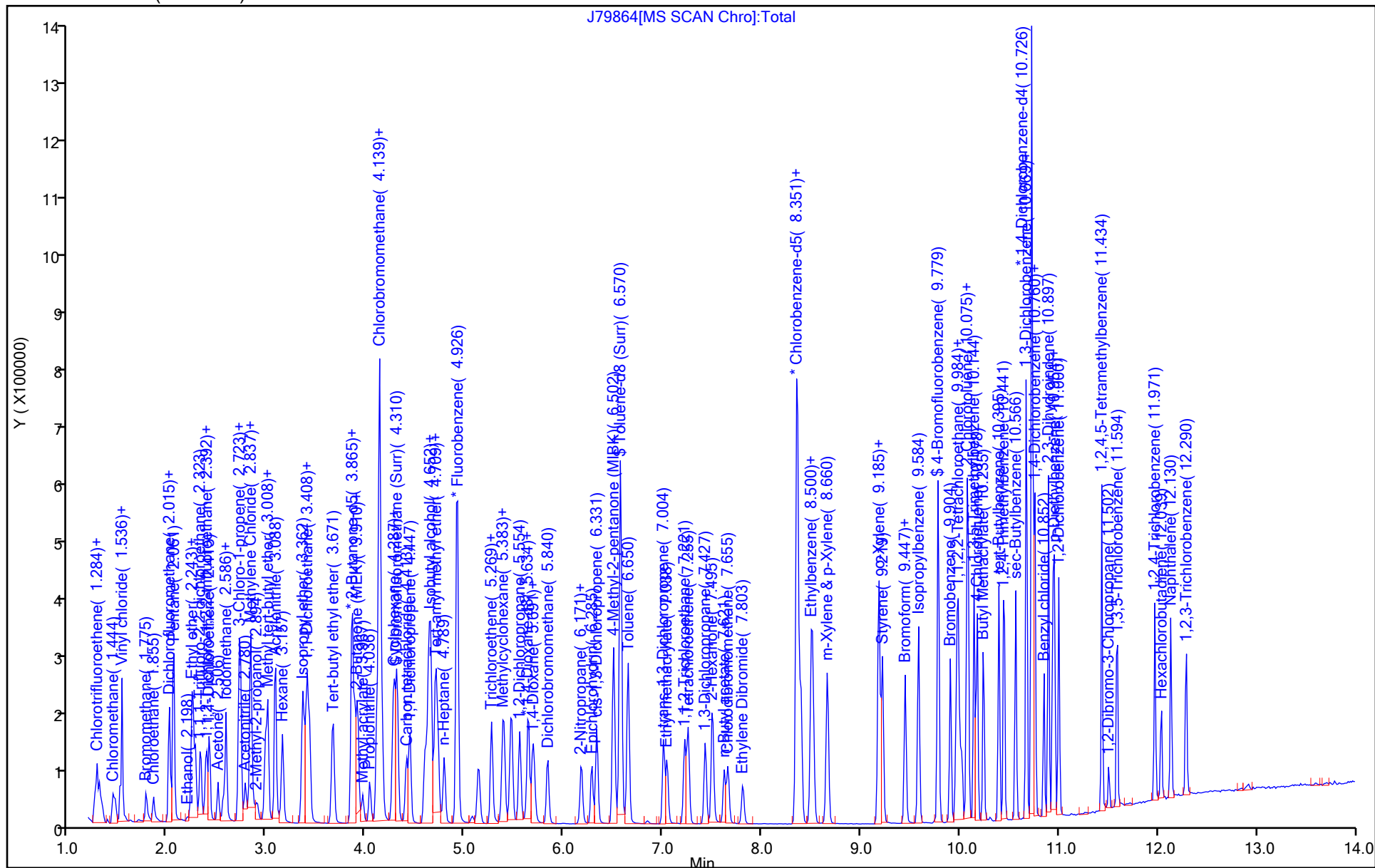
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79864.D

Injection Date: 09-Sep-2022 18:04:30

Instrument ID: CVOAMS8

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

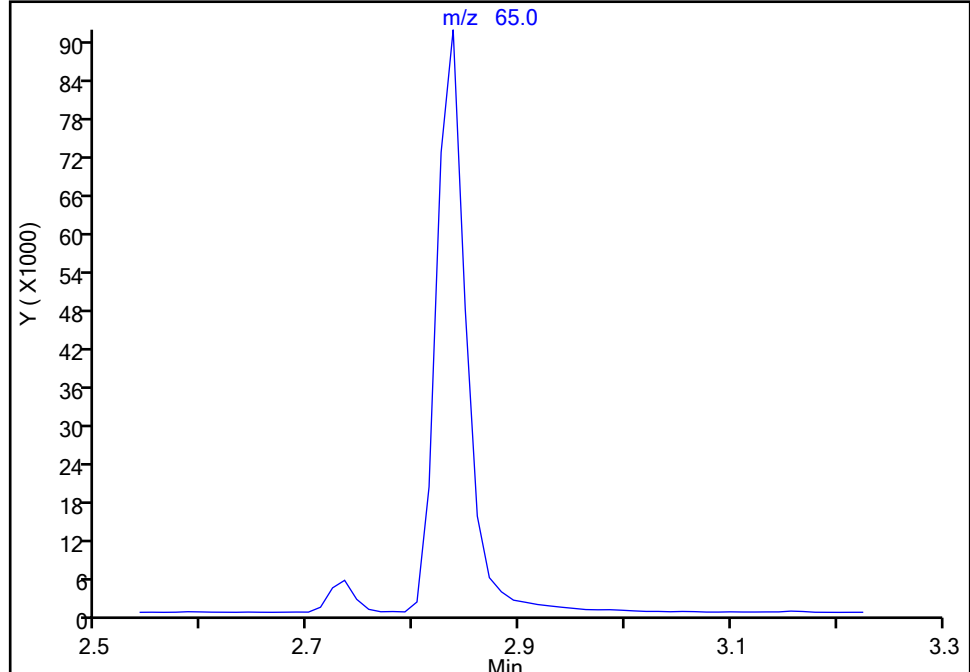
* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

Not Detected

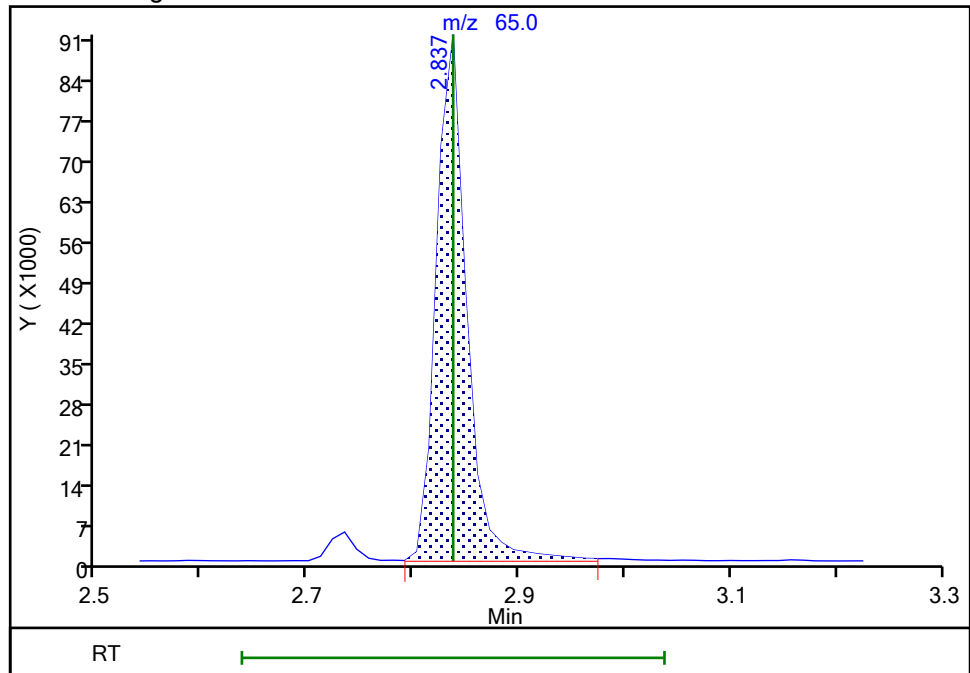
Expected RT: 2.84

Processing Integration Results



RT: 2.84
Area: 181000
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: HVW2, 09-Sep-2022 18:35:17

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79864.D

Injection Date: 09-Sep-2022 18:04:30

Instrument ID: CVOAMS8

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

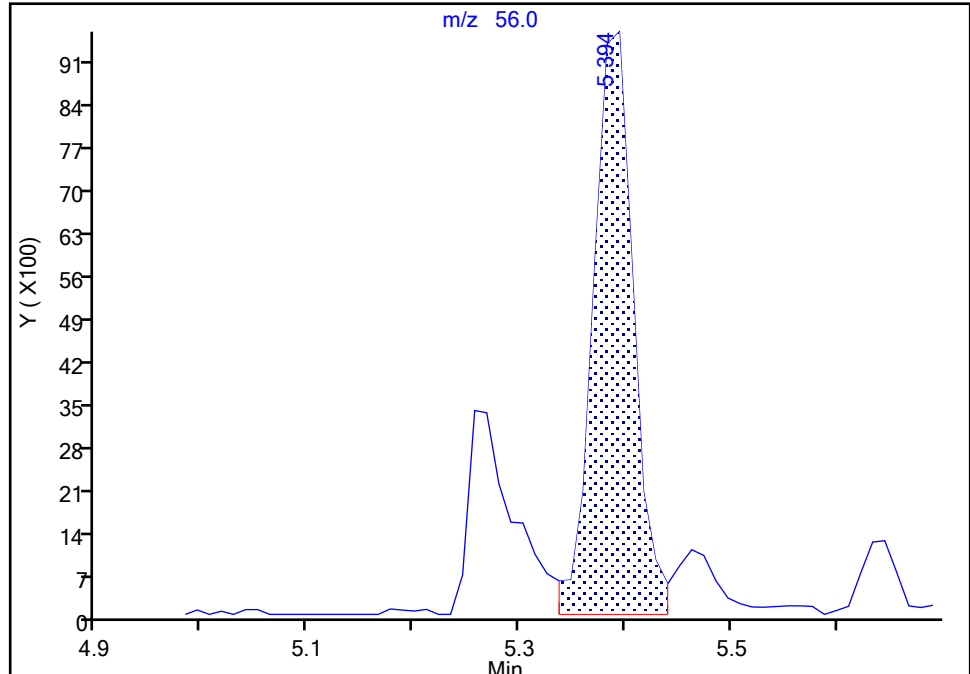
MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

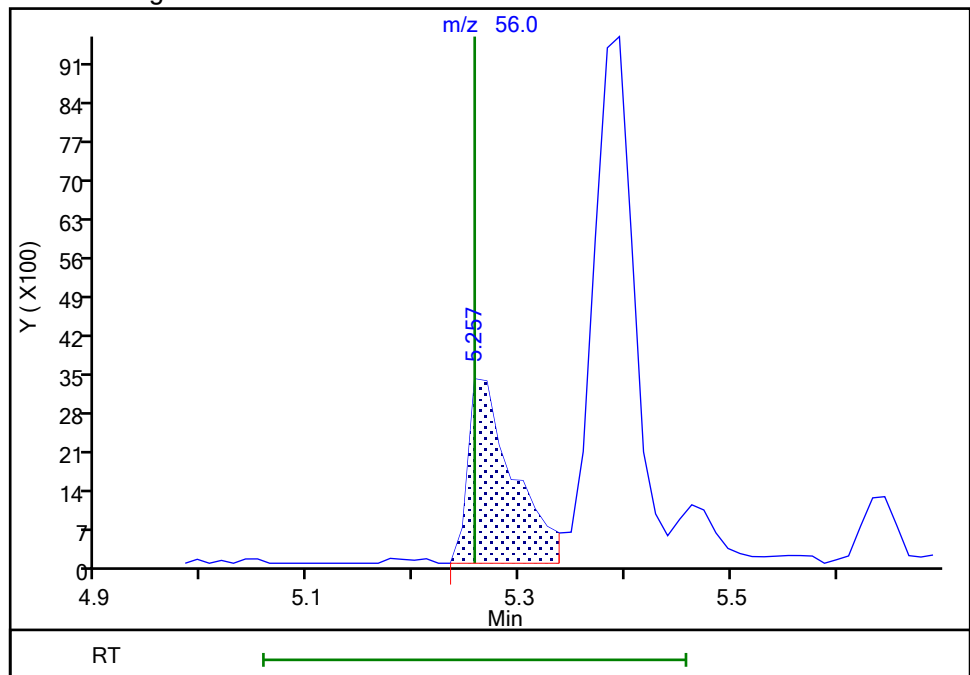
RT: 5.39
Area: 25626
Amount: 907.5831
Amount Units: ug/l

Processing Integration Results



RT: 5.26
Area: 10080
Amount: 356.9983
Amount Units: ug/l

Manual Integration Results



Reviewer: HVW2, 09-Sep-2022 18:35:41

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865576/2 Calibration Date: 09/10/2022 08:27

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79896.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0238	0.0285		23.9	20.0	19.7	20.0
Dichlorodifluoromethane	Ave	0.3349	0.2834	0.1000	16.9	20.0	-15.4	20.0
Chlorodifluoromethane	Ave	0.0510	0.0492		19.3	20.0	-3.5	20.0
Chloromethane	Ave	0.4443	0.3632	0.1000	16.4	20.0	-18.2	20.0
Vinyl chloride	Ave	0.3265	0.2706	0.1000	16.6	20.0	-17.1	20.0
Butadiene	Ave	0.3332	0.2516		15.1	20.0	-24.5*	20.0
Bromomethane	Ave	0.1444	0.1440	0.1000	19.9	20.0	-0.3	50.0
Chloroethane	Ave	0.1670	0.1555	0.1000	18.6	20.0	-6.9	50.0
Dichlorofluoromethane	Ave	0.5047	0.4660		18.5	20.0	-7.7	20.0
Trichlorofluoromethane	Ave	0.3533	0.3227	0.1000	18.3	20.0	-8.7	20.0
Pentane	Ave	0.4518	0.4049		35.8	40.0	-10.4	20.0
Ethanol	Ave	0.0421	0.0336		639	800	-20.1	50.0
Ethyl ether	Ave	0.2009	0.1920		19.1	20.0	-4.5	20.0
2-Methyl-1,3-butadiene	Ave	0.2532	0.2288		18.1	20.0	-9.6	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.1576	0.1827		23.2	20.0	15.9	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3269	0.3313		20.3	20.0	1.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2145	0.2249	0.1000	21.0	20.0	4.9	20.0
Acrolein	Ave	1.601	1.020		25.5	40.0	-36.3	50.0
1,1-Dichloroethene	Ave	0.1963	0.2021	0.1000	20.6	20.0	3.0	20.0
Acetone	Ave	0.5987	0.5601	0.0500	93.6	100	-6.4	50.0
Iodomethane	QuaF		0.2662		19.8	20.0	-0.9	20.0
Carbon disulfide	Ave	0.7924	0.8053	0.1000	20.3	20.0	1.6	50.0
Isopropyl alcohol	Ave	0.5183	0.4238		164	200	-18.2	50.0
3-Chloro-1-propene	Ave	0.1393	0.1418		20.4	20.0	1.8	20.0
Cyclopentene	Ave	0.6179	0.5720		18.5	20.0	-7.4	20.0
Methyl acetate	Ave	0.2147	0.2019	0.1000	37.6	40.0	-6.0	20.0
Acetonitrile	Ave	1.579	1.576		200	200	-0.2	20.0
Methylene Chloride	Ave	0.2528	0.2628	0.1000	20.8	20.0	4.0	20.0
2-Methyl-2-propanol	Ave	0.7223	0.6700		186	200	-7.2	50.0
Methyl tert-butyl ether	Ave	0.6347	0.6260	0.1000	19.7	20.0	-1.4	20.0
trans-1,2-Dichloroethene	Ave	0.2243	0.2340	0.1000	20.9	20.0	4.3	20.0
Acrylonitrile	Ave	4.469	4.584		205	200	2.6	20.0
Hexane	Ave	0.3245	0.3229		19.9	20.0	-0.5	20.0
Isopropyl ether	Ave	0.9646	0.9279		19.2	20.0	-3.8	20.0
1,1-Dichloroethane	Ave	0.4900	0.5112	0.2000	20.9	20.0	4.3	20.0
Vinyl acetate	Ave	0.5867	0.6139		41.8	40.0	4.6	20.0
2-Chloro-1,3-butadiene	Ave	0.1990	0.2090		21.0	20.0	5.1	20.0
Tert-butyl ethyl ether	Ave	0.7200	0.7130		19.8	20.0	-1.0	20.0
2,2-Dichloropropane	Ave	0.1135	0.1229		21.6	20.0	8.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865576/2 Calibration Date: 09/10/2022 08:27

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79896.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
cis-1,2-Dichloroethene	Ave	0.2395	0.2601	0.1000	21.7	20.0	8.6	20.0
2-Butanone (MEK)	Ave	0.1819	0.1933	0.0500	106	100	6.3	50.0
Ethyl acetate	Ave	0.1745	0.1992		45.7	40.0	14.2	20.0
Methyl acrylate	Ave	0.2152	0.2117		19.7	20.0	-1.6	20.0
Propionitrile	Ave	1.526	1.698		222	200	11.2	20.0
Chlorobromomethane	Ave	0.1156	0.1399		24.2	20.0	21.1*	20.0
Tetrahydrofuran	Ave	0.1916	0.2107		44.0	40.0	10.0	20.0
Methacrylonitrile	Ave	0.0962	0.0998		208	200	3.8	20.0
Chloroform	Ave	0.4219	0.4652	0.2000	22.1	20.0	10.3	20.0
Cyclohexane	Ave	0.3116	0.3210	0.1000	20.6	20.0	3.0	50.0
1,1,1-Trichloroethane	Ave	0.3302	0.3701	0.1000	22.4	20.0	12.1	20.0
Carbon tetrachloride	Ave	0.2860	0.3165	0.1000	22.1	20.0	10.7	20.0
1,1-Dichloropropene	Ave	0.3285	0.3295		20.1	20.0	0.3	20.0
Isobutyl alcohol	Ave	0.6017	0.5501		457	500	-8.6	50.0
Isooctane	Ave	0.5835	0.5797		19.9	20.0	-0.6	20.0
Benzene	Ave	1.241	1.305	0.5000	21.0	20.0	5.2	20.0
Isopropyl acetate	Ave	0.7945	0.7740		19.5	20.0	-2.6	20.0
Tert-amyl methyl ether	Ave	0.2068	0.2051		19.8	20.0	-0.8	20.0
1,2-Dichloroethane	Ave	0.3596	0.3728	0.1000	20.7	20.0	3.7	20.0
n-Heptane	Ave	0.1240	0.1263		20.4	20.0	1.9	20.0
n-Butanol	Ave	0.1560	0.1061		340	500	-32.0	50.0
Trichloroethene	Ave	0.2351	0.2460	0.2000	20.9	20.0	4.6	20.0
Methylcyclohexane	Ave	0.3212	0.3269	0.1000	20.4	20.0	1.8	50.0
Ethyl acrylate	Ave	0.6012	0.5881		19.6	20.0	-2.2	20.0
1,2-Dichloropropane	Ave	0.2851	0.2882	0.1000	20.2	20.0	1.1	20.0
Methyl methacrylate	Ave	0.0474	0.0492		41.5	40.0	3.8	20.0
1,4-Dioxane	QuaF		0.3902		414	400	3.4	50.0
Dibromomethane	Ave	0.1595	0.1735		21.8	20.0	8.8	20.0
n-Propyl acetate	Ave	0.3939	0.3665		18.6	20.0	-6.9	20.0
Bromodichloromethane	Ave	0.3319	0.3465	0.2000	20.9	20.0	4.4	20.0
2-Nitropropane	Ave	3.438	3.459		40.2	40.0	0.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1555	0.1362		17.6	20.0	-12.4	20.0
Epichlorohydrin	Ave	0.1564	0.1732		443	400	10.7	20.0
cis-1,3-Dichloropropene	Ave	0.5550	0.5365	0.2000	19.3	20.0	-3.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.907	2.017	0.0500	106	100	5.8	50.0
Toluene	Ave	1.250	1.280	0.4000	20.5	20.0	2.5	20.0
trans-1,3-Dichloropropene	Ave	0.4874	0.4610	0.1000	18.9	20.0	-5.4	50.0
Ethyl methacrylate	Ave	0.2685	0.2460		18.3	20.0	-8.4	20.0
1,1,2-Trichloroethane	Ave	0.2572	0.2681	0.1000	20.8	20.0	4.2	20.0
Tetrachloroethene	Ave	0.2812	0.3263	0.2000	23.2	20.0	16.0	20.0
1,3-Dichloropropane	Ave	0.4974	0.4723		19.0	20.0	-5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Lab Sample ID: CCVIS 460-865576/2 Calibration Date: 09/10/2022 08:27

Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27

Lab File ID: J79896.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.6155	0.6281	0.0500	102	100	2.0	50.0
n-Butyl acetate	Ave	0.5459	0.4975		18.2	20.0	-8.9	20.0
Chlorodibromomethane	Ave	0.3050	0.3262	0.1000	21.4	20.0	7.0	50.0
Ethylene Dibromide	Ave	0.2860	0.2999	0.1000	21.0	20.0	4.9	20.0
Chlorobenzene	Ave	0.8086	0.8737	0.5000	21.6	20.0	8.1	20.0
Ethylbenzene	Ave	0.4135	0.4089	0.1000	19.8	20.0	-1.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2852	0.3035		21.3	20.0	6.4	20.0
m-Xylene & p-Xylene	Ave	0.4964	0.5046	0.1000	20.3	20.0	1.6	20.0
n-Butyl acrylate	Ave	0.2205	0.1977		17.9	20.0	-10.4	20.0
o-Xylene	Ave	0.5040	0.5021	0.3000	19.9	20.0	-0.4	20.0
Styrene	Ave	0.8239	0.8838	0.3000	21.5	20.0	7.3	20.0
Amyl acetate (mixed isomers)	Ave	1.156	0.9338		16.1	20.0	-19.3	20.0
Bromoform	Ave	0.1974	0.2241	0.1000	22.7	20.0	13.5	20.0
Isopropylbenzene	Ave	1.198	1.197	0.1000	20.0	20.0	-0.0	20.0
Bromobenzene	Ave	0.6153	0.6512		21.2	20.0	5.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7271	0.6602	0.3000	18.2	20.0	-9.2	20.0
N-Propylbenzene	Ave	2.806	2.583		18.4	20.0	-7.9	20.0
1,2,3-Trichloropropane	Ave	0.1640	0.1614		19.7	20.0	-1.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2344	0.1930		16.5	20.0	-17.7	20.0
2-Chlorotoluene	Ave	1.987	1.857		18.7	20.0	-6.5	20.0
4-Ethyltoluene	Ave	2.284	2.205		19.3	20.0	-3.5	20.0
1,3,5-Trimethylbenzene	Ave	1.897	1.838		19.4	20.0	-3.1	20.0
4-Chlorotoluene	Ave	1.865	1.874		20.1	20.0	0.5	20.0
Butyl Methacrylate	QuaF		0.5859		14.6	20.0	-27.0*	20.0
tert-Butylbenzene	Ave	1.504	1.456		19.4	20.0	-3.2	20.0
1,2,4-Trimethylbenzene	Ave	1.977	1.938		19.6	20.0	-2.0	20.0
sec-Butylbenzene	Ave	2.230	2.116		19.0	20.0	-5.1	20.0
1,3-Dichlorobenzene	Ave	1.127	1.194	0.6000	21.2	20.0	6.0	20.0
4-Isopropyltoluene	Ave	1.907	1.804		18.9	20.0	-5.4	20.0
1,4-Dichlorobenzene	Ave	1.176	1.244	0.5000	21.2	20.0	5.8	20.0
1,2,3-Trimethylbenzene	Ave	2.138	2.067		19.3	20.0	-3.3	20.0
Benzyl chloride	Ave	1.204	1.183		19.7	20.0	-1.7	50.0
Indan	Ave	2.047	2.035		19.9	20.0	-0.6	20.0
p-Diethylbenzene	Ave	0.9785	0.9930		20.3	20.0	1.5	20.0
n-Butylbenzene	Ave	1.003	0.9447		18.8	20.0	-5.8	20.0
1,2-Dichlorobenzene	Ave	1.112	1.153	0.4000	20.7	20.0	3.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.908	1.807		18.9	20.0	-5.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1314	0.1284	0.0500	19.5	20.0	-2.3	50.0
1,3,5-Trichlorobenzene	Ave	0.8191	0.8531		20.8	20.0	4.1	20.0
1,2,4-Trichlorobenzene	Ave	0.7176	0.7536	0.2000	21.0	20.0	5.0	20.0
Hexachlorobutadiene	Ave	0.2455	0.2715		22.1	20.0	10.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-264899-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-865576/2 Calibration Date: 09/10/2022 08:27
 Instrument ID: CVOAMS8 Calib Start Date: 08/31/2022 12:56
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/31/2022 15:27
 Lab File ID: J79896.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
Naphthalene	Ave	1.873	1.765		18.9	20.0	-5.7	50.0
1,2,3-Trichlorobenzene	Ave	0.6769	0.6952		20.5	20.0	2.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2229	0.2331		52.3	50.0	4.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2913	0.2800		48.1	50.0	-3.9	20.0
Toluene-d8 (Surr)	Ave	1.091	1.072		49.2	50.0	-1.7	20.0
4-Bromofluorobenzene	Ave	0.3408	0.3692		54.2	50.0	8.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79896.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 10-Sep-2022 08:27:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0150210-002
 Operator ID: Instrument ID: CVOAMS8
 Sublist: chrom-8260_W8*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:25:42 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:19:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.252	1.252	0.000	97	5372	20.0	23.9	
4 Dichlorodifluoromethane	85	1.275	1.275	0.000	99	53374	20.0	16.9	
5 Chlorodifluoromethane	67	1.309	1.309	0.000	98	9271	20.0	19.3	
6 Chloromethane	50	1.435	1.435	0.000	100	68410	20.0	16.4	
7 Vinyl chloride	62	1.515	1.515	0.000	99	50963	20.0	16.6	
8 Butadiene	54	1.538	1.538	0.000	95	47377	20.0	15.1	
9 Bromomethane	94	1.778	1.778	0.000	99	27123	20.0	19.9	
10 Chloroethane	64	1.846	1.846	0.000	98	29291	20.0	18.6	
11 Trichlorofluoromethane	101	2.006	2.006	0.000	99	60775	20.0	18.3	
12 Dichlorofluoromethane	67	2.006	2.006	0.000	97	87765	20.0	18.5	
13 Pentane	43	2.052	2.052	0.000	95	152493	40.0	35.8	
14 Ethanol	46	2.189	2.189	0.000	94	4962	800.0	639.4	
15 Ethyl ether	59	2.234	2.234	0.000	92	36160	20.0	19.1	
16 2-Methyl-1,3-butadiene	53	2.246	2.246	0.000	96	43086	20.0	18.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.268	2.268	0.000	98	34399	20.0	23.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.326	2.326	0.000	98	62388	20.0	20.3	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.383	2.383	0.000	99	42362	20.0	21.0	
19 Acrolein	56	2.383	2.383	0.000	95	7521	40.0	25.5	
21 1,1-Dichloroethene	96	2.417	2.417	0.000	96	38063	20.0	20.6	
22 Acetone	43	2.497	2.497	0.000	84	63850	100.0	93.6	
23 Iodomethane	142	2.554	2.554	0.000	98	50139	20.0	19.8	
24 Carbon disulfide	76	2.577	2.577	0.000	100	151662	20.0	20.3	
25 Isopropyl alcohol	45	2.588	2.588	0.000	98	15626	200.0	163.5	
26 3-Chloro-1-propene	76	2.714	2.714	0.000	85	26708	20.0	20.4	
28 Methyl acetate	43	2.725	2.725	0.000	77	76036	40.0	37.6	
27 Cyclopentene	67	2.725	2.725	0.000	90	107730	20.0	18.5	
29 Acetonitrile	41	2.771	2.771	0.000	99	58114	200.0	199.6	
* 30 TBA-d9 (IS)	65	2.828	2.828	0.000	95	184366	1000.0	1000.0	
31 Methylene Chloride	84	2.828	2.828	0.000	62	49502	20.0	20.8	
32 2-Methyl-2-propanol	59	2.896	2.896	0.000	98	24705	200.0	185.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.976	2.976	0.000	96	117887	20.0	19.7	
34 trans-1,2-Dichloroethene	96	2.999	2.999	0.000	99	44061	20.0	20.9	
35 Acrylonitrile	53	3.079	3.079	0.000	94	169035	200.0	205.2	
36 Hexane	57	3.148	3.148	0.000	92	60814	20.0	19.9	
37 Isopropyl ether	45	3.353	3.353	0.000	98	174755	20.0	19.2	
38 1,1-Dichloroethane	63	3.387	3.387	0.000	100	96271	20.0	20.9	
39 Vinyl acetate	43	3.399	3.399	0.000	100	231216	40.0	41.8	
40 2-Chloro-1,3-butadiene	88	3.422	3.422	0.000	93	39366	20.0	21.0	
41 Tert-butyl ethyl ether	59	3.661	3.661	0.000	88	134276	20.0	19.8	
42 2,2-Dichloropropane	79	3.855	3.855	0.000	58	23140	20.0	21.6	
* 43 2-Butanone-d5	46	3.855	3.855	0.000	96	284974	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	3.878	3.878	0.000	94	48982	20.0	21.7	
46 2-Butanone (MEK)	72	3.912	3.912	0.000	94	22039	100.0	106.3	
45 Ethyl acetate	70	3.912	3.912	0.000	95	9084	40.0	45.7	
47 Methyl acrylate	55	3.958	3.958	0.000	99	39872	20.0	19.7	
48 Propionitrile	54	4.027	4.027	0.000	97	62599	200.0	222.4	
50 Chlorobromomethane	128	4.107	4.107	0.000	97	26354	20.0	24.2	
49 Tetrahydrofuran	72	4.107	4.107	0.000	95	9608	40.0	44.0	
51 Methacrylonitrile	67	4.129	4.129	0.000	97	187942	200.0	207.5	
52 Chloroform	83	4.152	4.152	0.000	97	87620	20.0	22.1	
53 Cyclohexane	84	4.266	4.266	0.000	97	60459	20.0	20.6	
54 1,1,1-Trichloroethane	97	4.289	4.289	0.000	97	69703	20.0	22.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.312	4.312	0.000	96	109771	50.0	52.3	
56 Carbon tetrachloride	117	4.403	4.403	0.000	97	59600	20.0	22.1	
57 1,1-Dichloropropene	75	4.438	4.438	0.000	94	62047	20.0	20.1	
58 Isobutyl alcohol	43	4.586	4.586	0.000	67	50709	500.0	457.1	
59 Isooctane	57	4.597	4.597	0.000	92	109175	20.0	19.9	
60 Benzene	78	4.632	4.632	0.000	97	193839	20.0	21.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.643	4.643	0.000	0	131836	50.0	48.1	
63 Tert-amyl methyl ether	55	4.700	4.700	0.000	71	38632	20.0	19.8	
62 Isopropyl acetate	43	4.700	4.700	0.000	92	145765	20.0	19.5	
64 1,2-Dichloroethane	62	4.723	4.723	0.000	97	70211	20.0	20.7	
65 n-Heptane	57	4.780	4.780	0.000	97	23786	20.0	20.4	
* 66 Fluorobenzene	96	4.917	4.917	0.000	98	470829	50.0	50.0	
68 Trichloroethene	95	5.260	5.260	0.000	98	46324	20.0	20.9	
67 n-Butanol	56	5.260	5.260	0.000	30	9781	500.0	340.1	a
69 Methylcyclohexane	83	5.374	5.374	0.000	92	61566	20.0	20.4	
70 Ethyl acrylate	55	5.385	5.385	0.000	98	110749	20.0	19.6	
71 1,2-Dichloropropane	63	5.545	5.545	0.000	87	54286	20.0	20.2	
* 72 1,4-Dioxane-d8	96	5.625	5.625	0.000	0	24720	1000.0	1000.0	
73 Methyl methacrylate	100	5.636	5.636	0.000	96	18524	40.0	41.5	
75 1,4-Dioxane	88	5.671	5.671	0.000	38	3858	400.0	413.5	
74 Dibromomethane	93	5.671	5.671	0.000	97	32672	20.0	21.8	
76 n-Propyl acetate	43	5.693	5.693	0.000	98	69032	20.0	18.6	
77 Dichlorobromomethane	83	5.831	5.831	0.000	97	65260	20.0	20.9	
78 2-Nitropropane	41	6.162	6.162	0.000	98	25511	40.0	40.2	
79 2-Chloroethyl vinyl ether	63	6.173	6.173	0.000	98	25715	20.0	17.6	
80 Epichlorohydrin	57	6.276	6.276	0.000	99	78978	400.0	442.9	
81 cis-1,3-Dichloropropene	75	6.321	6.321	0.000	96	79661	20.0	19.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.493	6.493	0.000	99	229915	100.0	105.8	
\$ 83 Toluene-d8 (Surr)	98	6.561	6.561	0.000	99	398055	50.0	49.2	
84 Toluene	91	6.641	6.641	0.000	94	190120	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.995	6.995	0.000	96	68445	20.0	18.9	
86 Ethyl methacrylate	69	7.029	7.029	0.000	96	46337	20.0	18.3	
87 1,1,2-Trichloroethane	83	7.212	7.212	0.000	94	39805	20.0	20.8	
88 Tetrachloroethene	166	7.246	7.246	0.000	95	48457	20.0	23.2	
89 1,3-Dichloropropane	76	7.417	7.417	0.000	98	70131	20.0	19.0	
90 2-Hexanone	58	7.497	7.497	0.000	99	71595	100.0	102.0	
91 n-Butyl acetate	43	7.612	7.612	0.000	96	73874	20.0	18.2	
92 Chlorodibromomethane	129	7.646	7.646	0.000	98	48439	20.0	21.4	
93 Ethylene Dibromide	107	7.794	7.794	0.000	99	44535	20.0	21.0	
* 94 Chlorobenzene-d5	117	8.354	8.354	0.000	88	371205	50.0	50.0	
95 Chlorobenzene	112	8.388	8.388	0.000	95	129733	20.0	21.6	
96 Ethylbenzene	106	8.491	8.491	0.000	99	60713	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	8.513	8.513	0.000	95	45070	20.0	21.3	
98 m-Xylene & p-Xylene	106	8.650	8.650	0.000	0	74917	20.0	20.3	
99 o-Xylene	106	9.176	9.176	0.000	93	74548	20.0	19.9	
100 n-Butyl acrylate	73	9.176	9.176	0.000	67	29352	20.0	17.9	
101 Styrene	104	9.210	9.210	0.000	94	131234	20.0	21.5	
102 Amyl acetate (mixed isomers)	43	9.438	9.438	0.000	87	82871	20.0	16.1	
103 Bromoform	173	9.438	9.438	0.000	62	33273	20.0	22.7	
104 Isopropylbenzene	105	9.575	9.575	0.000	97	177801	20.0	20.0	
\$ 105 4-Bromofluorobenzene	174	9.781	9.781	0.000	97	137032	50.0	54.2	
106 Bromobenzene	156	9.895	9.895	0.000	96	57792	20.0	21.2	
107 1,1,2,2-Tetrachloroethane	83	9.952	9.952	0.000	98	58591	20.0	18.2	
108 N-Propylbenzene	91	9.975	9.975	0.000	99	229245	20.0	18.4	
109 1,2,3-Trichloropropane	110	9.998	9.998	0.000	97	14328	20.0	19.7	
110 trans-1,4-Dichloro-2-butene	53	10.020	10.020	0.000	88	17126	20.0	16.5	
111 2-Chlorotoluene	91	10.066	10.066	0.000	98	164847	20.0	18.7	
112 4-Ethyltoluene	105	10.078	10.078	0.000	97	195657	20.0	19.3	
113 1,3,5-Trimethylbenzene	105	10.135	10.135	0.000	93	163091	20.0	19.4	
114 4-Chlorotoluene	91	10.169	10.169	0.000	98	166329	20.0	20.1	
115 Butyl Methacrylate	87	10.237	10.237	0.000	98	51997	20.0	14.6	
116 tert-Butylbenzene	119	10.386	10.386	0.000	93	129209	20.0	19.4	
117 1,2,4-Trimethylbenzene	105	10.443	10.443	0.000	98	171979	20.0	19.6	
118 sec-Butylbenzene	105	10.557	10.557	0.000	99	187830	20.0	19.0	
120 1,3-Dichlorobenzene	146	10.671	10.671	0.000	78	105965	20.0	21.2	
119 4-Isopropyltoluene	119	10.671	10.671	0.000	97	160070	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	10.717	10.717	0.000	97	221873	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.740	10.740	0.000	96	110443	20.0	21.2	
123 1,2,3-Trimethylbenzene	105	10.751	10.751	0.000	99	183485	20.0	19.3	
124 Benzyl chloride	91	10.842	10.842	0.000	98	105034	20.0	19.7	
125 2,3-Dihydroindene	117	10.888	10.888	0.000	95	180585	20.0	19.9	
126 p-Diethylbenzene	119	10.934	10.934	0.000	93	88128	20.0	20.3	
127 n-Butylbenzene	92	10.957	10.957	0.000	98	83845	20.0	18.8	
128 1,2-Dichlorobenzene	146	10.991	10.991	0.000	95	102337	20.0	20.7	
129 1,2,4,5-Tetramethylbenzene	119	11.425	11.425	0.000	97	160396	20.0	18.9	
130 1,2-Dibromo-3-Chloropropane	157	11.505	11.505	0.000	94	11398	20.0	19.5	
131 1,3,5-Trichlorobenzene	180	11.585	11.585	0.000	97	75709	20.0	20.8	
132 1,2,4-Trichlorobenzene	180	11.961	11.961	0.000	94	66877	20.0	21.0	
133 Hexachlorobutadiene	225	12.030	12.030	0.000	97	24095	20.0	22.1	
134 Naphthalene	128	12.121	12.121	0.000	99	156665	20.0	18.9	
135 1,2,3-Trichlorobenzene	180	12.281	12.281	0.000	95	61695	20.0	20.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	40.3	
S 138 Total BTEX	1				0		100.0	101.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158

Amount Added: 20.00

Units: uL

524freon_00056

Amount Added: 20.00

Units: uL

GASES Li_00493

Amount Added: 20.00

Units: uL

ACROLEIN W_00143

Amount Added: 4.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79896.D

Injection Date: 10-Sep-2022 08:27:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

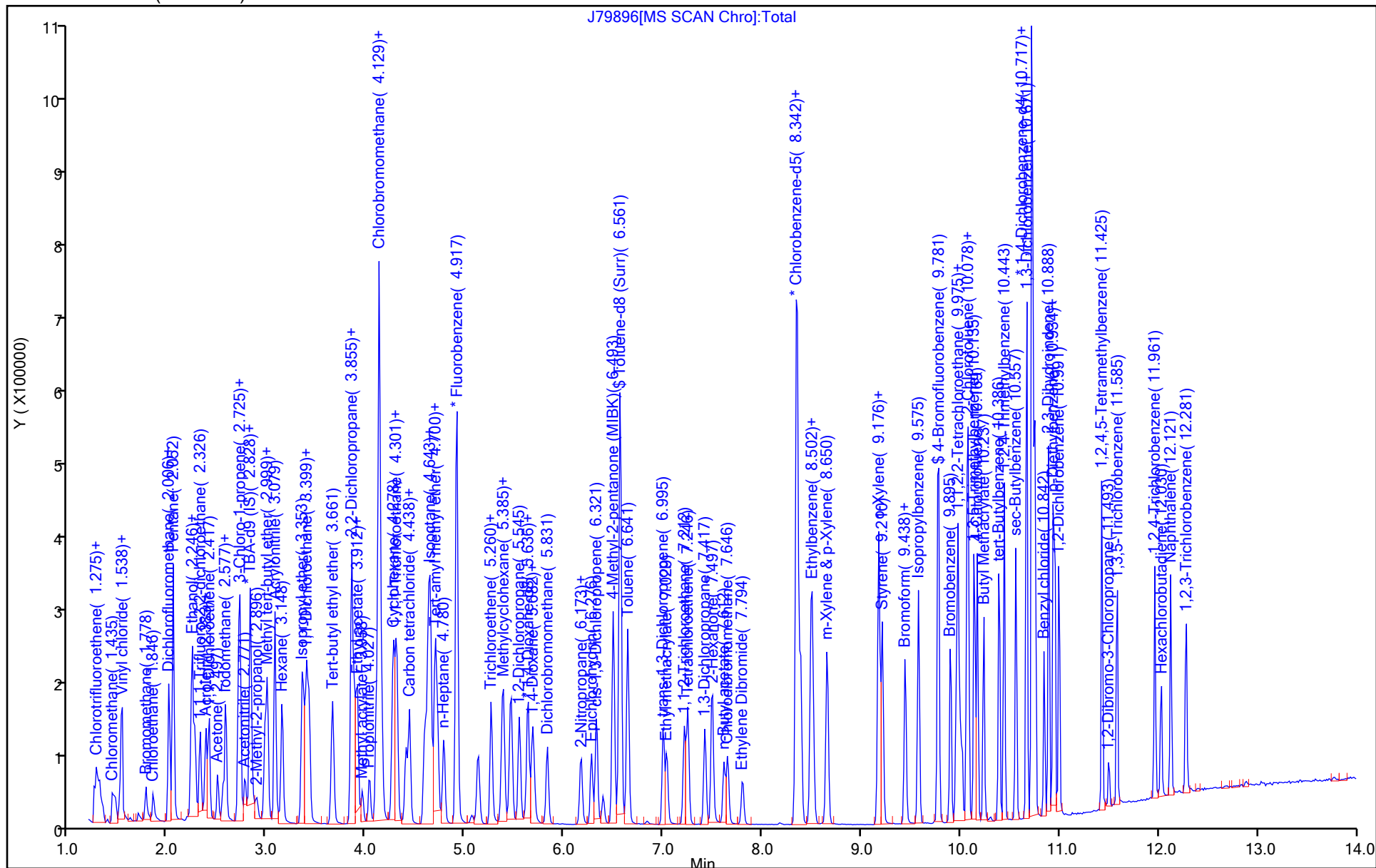
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79896.D

Injection Date: 10-Sep-2022 08:27:30

Instrument ID: CVOAMS8

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

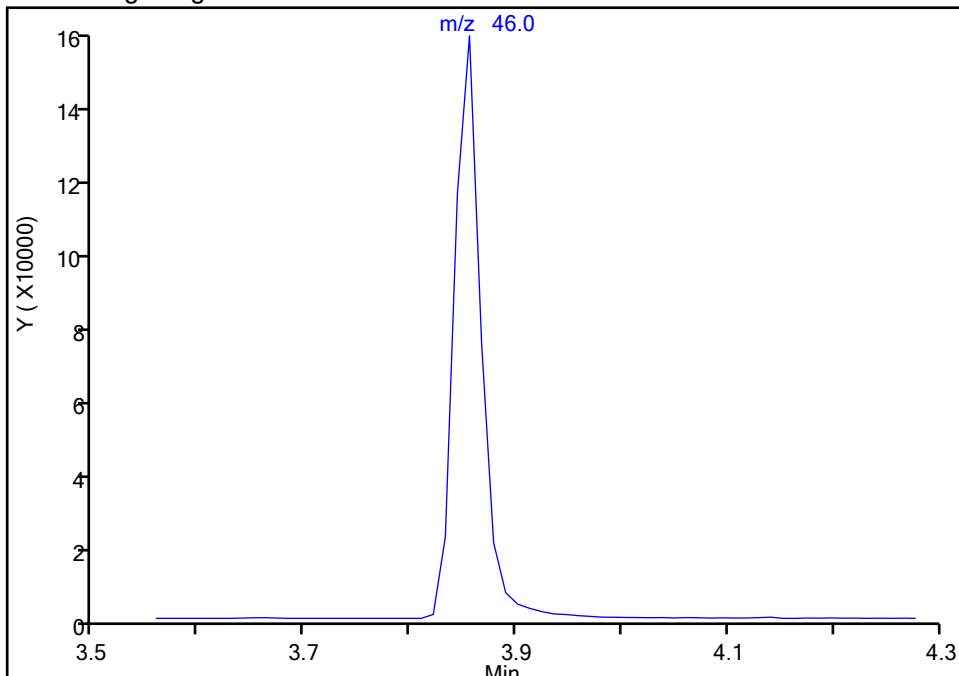
* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 3.86

Processing Integration Results



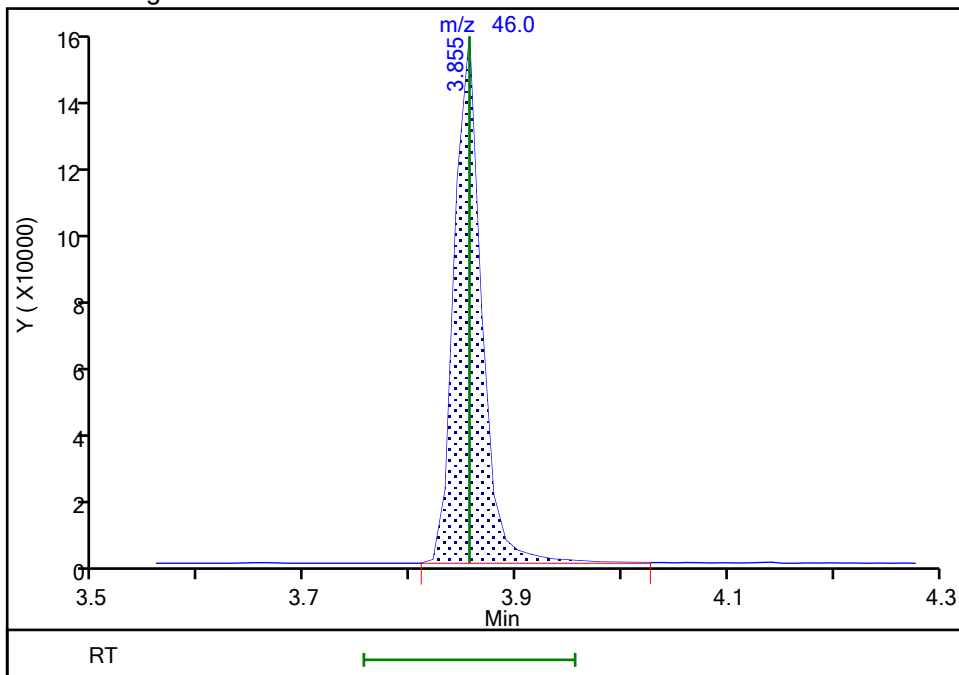
RT: 3.86

Area: 284974

Amount: 250.0000

Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 10-Sep-2022 09:00:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79896.D

Injection Date: 10-Sep-2022 08:27:30

Instrument ID: CVOAMS8

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260_W8

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

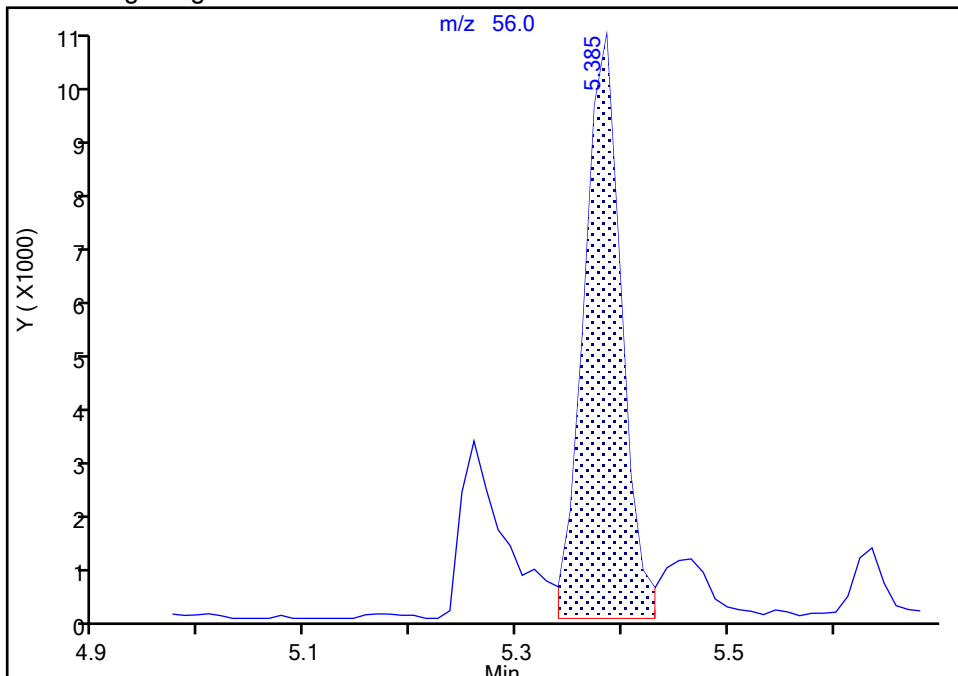
MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

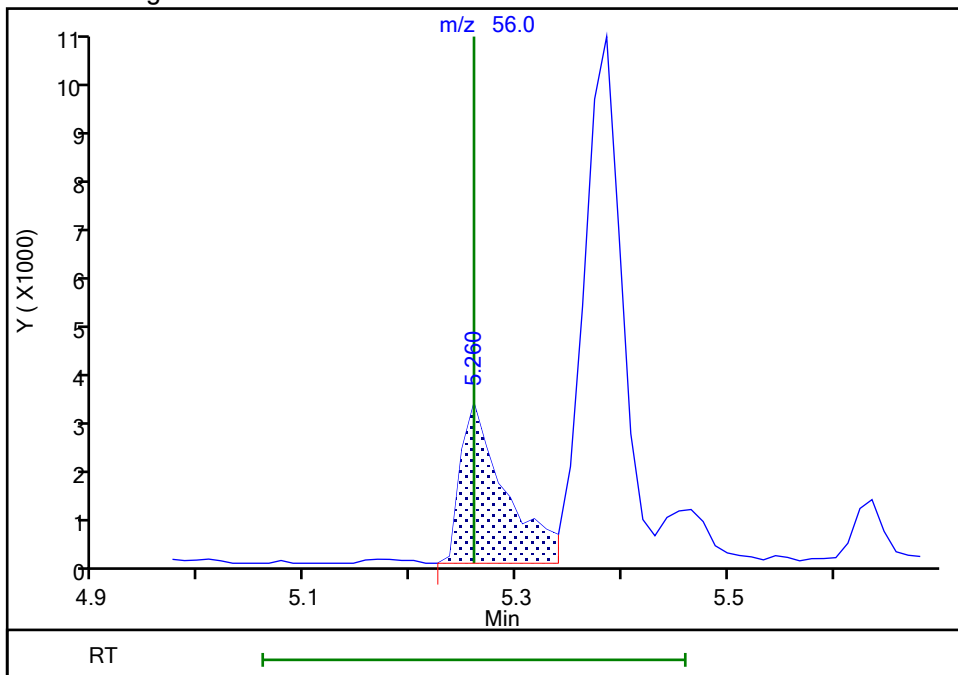
RT: 5.39
Area: 27044
Amount: 940.3169
Amount Units: ug/l

Processing Integration Results



RT: 5.26
Area: 9781
Amount: 340.0843
Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 10-Sep-2022 09:00:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79476.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 31-Aug-2022 12:09:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0149864-001
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Sep-2022 20:12:15 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1680

First Level Reviewer: KG2Q

Date: 31-Aug-2022 12:17:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 139 BFB	95	3.924	3.924	0.000	85	45707	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00032

Amount Added: 1.00

Units: uL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79476.D

Injection Date: 31-Aug-2022 12:09:30

Instrument ID: CVOAMS8

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

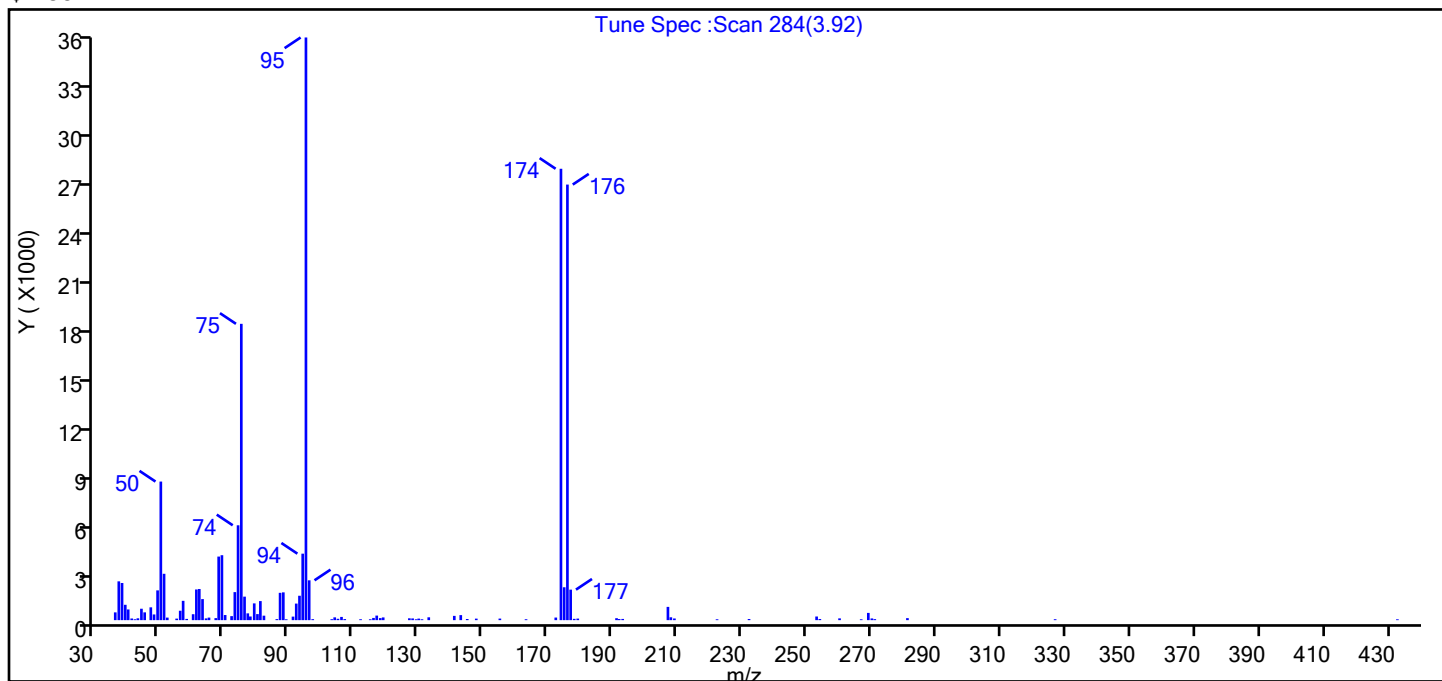
Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.8
75	30 to 60% of m/z 95	50.9
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	77.5
175	5 to 9% of m/z 174	5.6 (7.3)
176	Greater than 95% but less than 101% of m/z 174	74.8 (96.5)
177	5 to 9% of m/z 176	5.2 (7.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79476.D\8260_W8.rslt\spectra.d
 Injection Date: 31-Aug-2022 12:09:30
 Spectrum: Tune Spec :Scan 284(3.92)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 100

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	468	65.00	153	96.00	2400	172.00	156
37.00	2338	67.00	122	97.00	60	174.00	27200
38.00	2238	68.00	3831	103.00	56	175.00	1981
39.00	925	69.00	3913	104.00	168	176.00	26248
40.00	644	70.00	308	105.00	82	177.00	1838
41.00	99	72.00	242	106.00	194	178.00	78
42.00	53	73.00	1689	107.00	63	179.00	94
43.00	111	74.00	5716	112.00	54	191.00	117
44.00	688	75.00	17856	115.00	51	192.00	67
45.00	469	76.00	1416	116.00	133	193.00	73
47.00	772	77.00	409	117.00	274	207.00	799
48.00	343	78.00	220	118.00	123	208.00	172
49.00	1794	79.00	1010	119.00	164	209.00	101
50.00	8351	80.00	364	127.00	111	222.00	52
51.00	2793	81.00	1148	128.00	103	232.00	67
52.00	153	82.00	269	129.00	51	253.00	219
55.00	92	86.00	62	130.00	93	254.00	68
56.00	567	87.00	1646	131.00	52	260.00	107
57.00	1164	88.00	1674	133.00	171	267.00	51
58.00	74	89.00	51	141.00	257	269.00	436
60.00	357	91.00	213	143.00	303	270.00	103
61.00	1848	92.00	998	145.00	68	271.00	61
62.00	1876	93.00	1470	148.00	91	281.00	121
63.00	1269	94.00	4006	155.00	94	327.00	55
64.00	105	95.00	35112	163.00	54	433.00	51

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79476.D

Injection Date: 31-Aug-2022 12:09:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

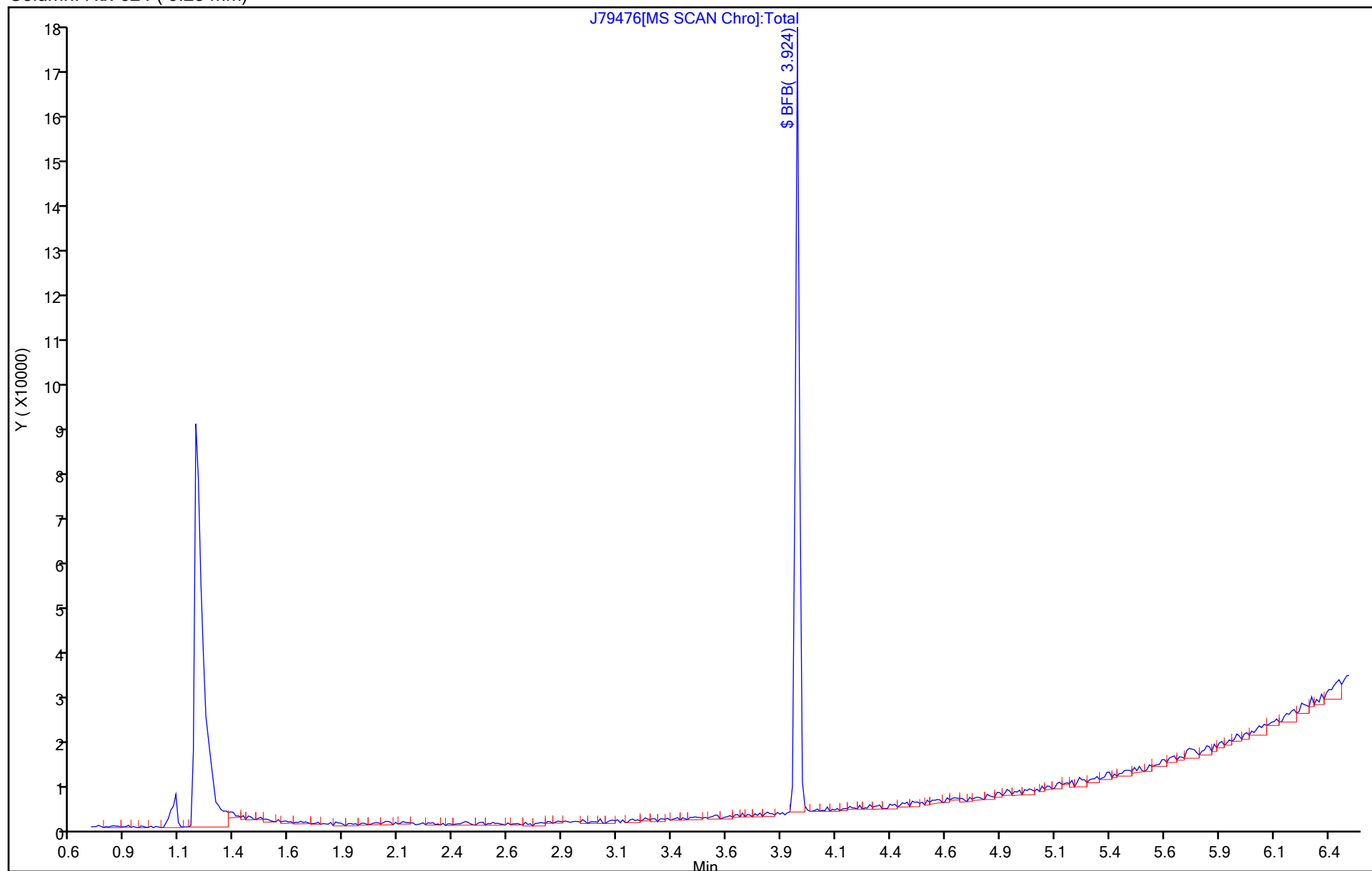
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-865501/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79870.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 20:34</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865501</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	0.20	U	1.0	0.20
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	0.22	U	1.0	0.22
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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-865501/8
Matrix: Water Lab File ID: J79870.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 20:34
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865501 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
2037-26-5	Toluene-d8 (Surr)	94		80-120
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79870.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 09-Sep-2022 20:34:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0150196-008
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2022 06:12:56 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1614

First Level Reviewer: HVW2

Date: 09-Sep-2022 23:55:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.827	2.837	-0.010	75	170879	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.855	3.865	-0.010	86	264639	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.311	4.310	0.001	96	112226	50.0	53.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.654	4.652	0.002	0	132303	50.0	48.5	
* 66 Fluorobenzene	96	4.916	4.926	-0.010	98	467988	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.624	5.623	0.001	0	21207	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.572	6.570	0.002	99	369575	50.0	46.8	
* 94 Chlorobenzene-d5	117	8.353	8.363	-0.010	88	362317	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.780	9.779	0.001	94	128372	50.0	52.0	
* 121 1,4-Dichlorobenzene-d4	152	10.728	10.726	0.002	95	212154	50.0	50.0	

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79870.D

Injection Date: 09-Sep-2022 20:34:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

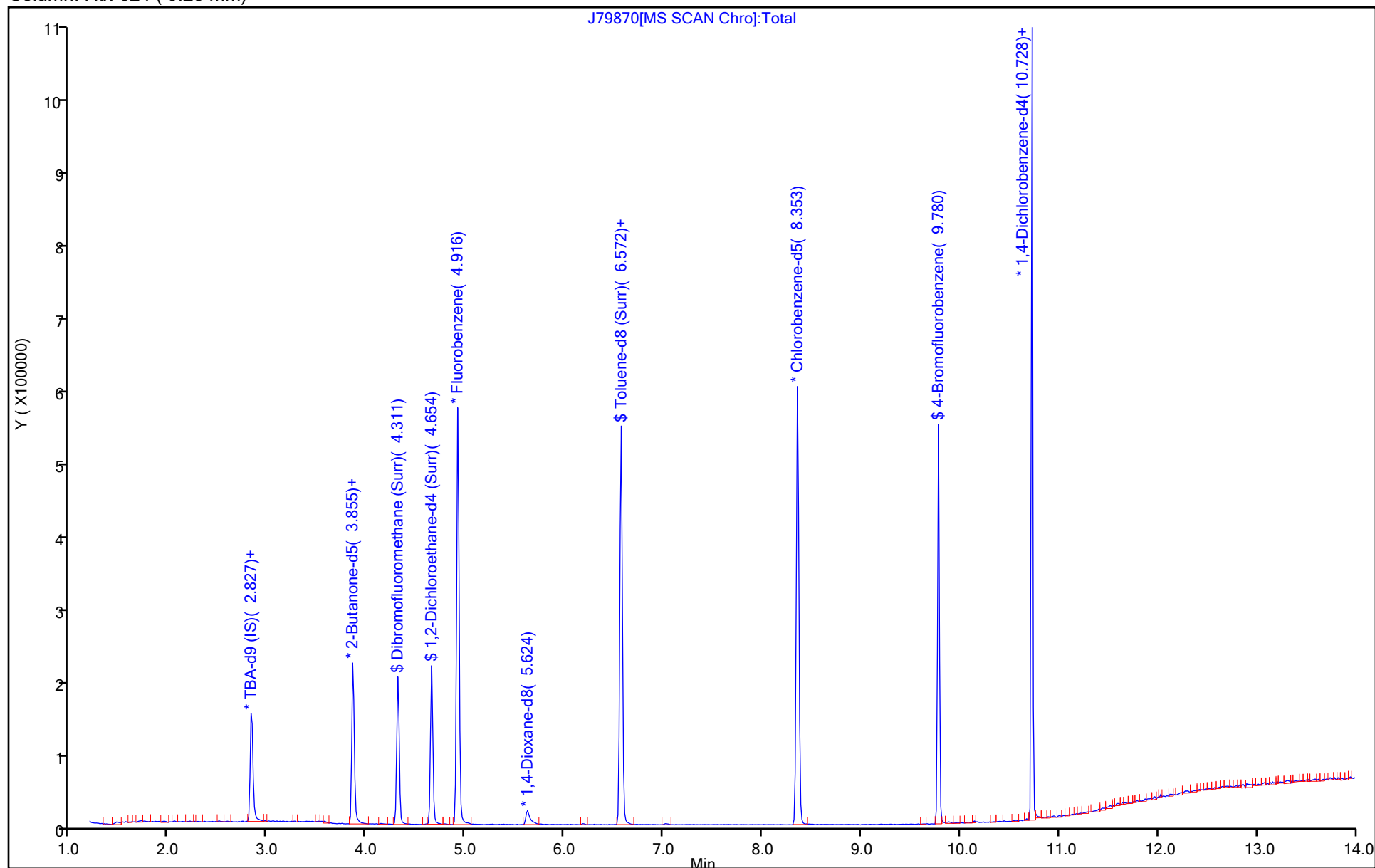
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79870.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 09-Sep-2022 20:34:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0150196-008
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2022 06:12:56 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1614

First Level Reviewer: HVW2

Date: 09-Sep-2022 23:55:51

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.8	107.57
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.03
\$ 83 Toluene-d8 (Surr)	50.0	46.8	93.53
\$ 105 4-Bromofluorobenzene	50.0	52.0	103.98

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-865576/8</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79902.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/10/2022 10:58</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865576</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	0.20	U	1.0	0.20
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	0.22	U	1.0	0.22
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 Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-865576/8
Matrix: Water Lab File ID: J79902.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/10/2022 10:58
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865576 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
2037-26-5	Toluene-d8 (Surr)	95		80-120
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79902.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 10-Sep-2022 10:58:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0150210-008
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2022 13:24:28 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1614

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:24:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.826	2.828	-0.002	75	171327	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.853	3.855	-0.002	86	265075	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.310	4.312	-0.002	96	110414	50.0	53.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.653	4.643	0.010	0	130179	50.0	48.5	
* 66 Fluorobenzene	96	4.915	4.917	-0.002	98	460545	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.612	5.625	-0.013	0	20280	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.559	6.561	-0.002	98	364711	50.0	47.7	
* 94 Chlorobenzene-d5	117	8.352	8.354	-0.002	88	350601	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.779	9.781	-0.002	96	125887	50.0	52.7	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.717	0.009	95	203033	50.0	50.0	
133 Hexachlorobutadiene	225	12.028	12.030	-0.002	1	202		0.2026	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79902.D

Injection Date: 10-Sep-2022 10:58:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

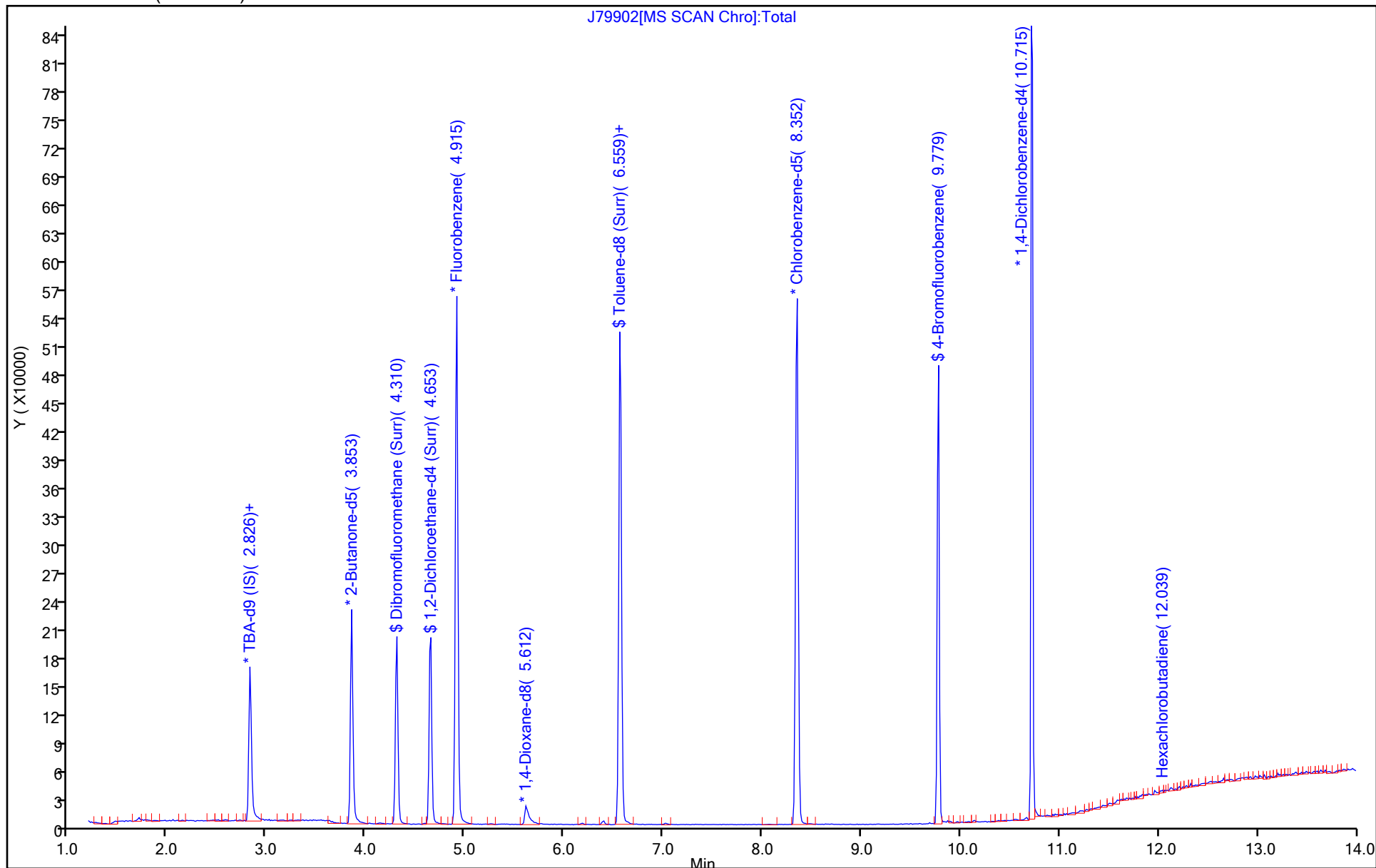
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79902.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 10-Sep-2022 10:58:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0150210-008
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 10-Sep-2022 13:24:28 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1614

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:24:28

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.8	107.54
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.02
\$ 83 Toluene-d8 (Surr)	50.0	47.7	95.38
\$ 105 4-Bromofluorobenzene	50.0	52.7	105.37

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-865501/3</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79865.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 18:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865501</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.20
75-34-3	1,1-Dichloroethane	18.9		1.0	0.26
75-35-4	1,1-Dichloroethene	20.4		1.0	0.26
107-06-2	1,2-Dichloroethane	20.2		1.0	0.43
78-87-5	1,2-Dichloropropane	19.5		1.0	0.35
78-93-3	2-Butanone (MEK)	111		5.0	1.9
591-78-6	2-Hexanone	107		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	1.3
67-64-1	Acetone	99.1		5.0	4.4
71-43-2	Benzene	20.3		1.0	0.20
75-27-4	Bromodichloromethane	19.9		1.0	0.34
75-25-2	Bromoform	22.9		1.0	0.54
74-83-9	Bromomethane	19.6		1.0	0.55
75-15-0	Carbon disulfide	19.4		1.0	0.82
56-23-5	Carbon tetrachloride	20.9		1.0	0.21
108-90-7	Chlorobenzene	20.8		1.0	0.38
74-97-5	Chlorobromomethane	23.3		1.0	0.41
75-00-3	Chloroethane	18.7		1.0	0.32
67-66-3	Chloroform	20.9		1.0	0.33
74-87-3	Chloromethane	16.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.22
100-41-4	Ethylbenzene	19.8		1.0	0.30
75-09-2	Methylene Chloride	19.4		1.0	0.32
100-42-5	Styrene	20.8		1.0	0.42
127-18-4	Tetrachloroethene	23.4		1.0	0.25
108-88-3	Toluene	19.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.22
79-01-6	Trichloroethene	20.6		1.0	0.31
75-01-4	Vinyl chloride	16.5		1.0	0.17
1330-20-7	Xylenes, Total	40.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-865501/3
Matrix: Water Lab File ID: J79865.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 18:29
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865501 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		70-128
2037-26-5	Toluene-d8 (Surr)	83		80-120
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	87		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79865.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 09-Sep-2022 18:29:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0150196-003
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 19:09:13 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 19:09:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.262	1.262	0.000	95	4987	20.0	21.1	
4 Dichlorodifluoromethane	85	1.285	1.284	0.001	99	60346	20.0	18.2	
5 Chlorodifluoromethane	67	1.308	1.307	0.001	97	9120	20.0	18.0	
6 Chloromethane	50	1.445	1.444	0.001	99	73497	20.0	16.7	
7 Vinyl chloride	62	1.513	1.513	0.000	99	53377	20.0	16.5	
8 Butadiene	54	1.536	1.536	0.000	96	52747	20.0	16.0	
9 Bromomethane	94	1.776	1.775	0.001	98	28075	20.0	19.6	
10 Chloroethane	64	1.856	1.855	0.001	99	31000	20.0	18.7	
11 Trichlorofluoromethane	101	2.015	2.015	0.000	97	63415	20.0	18.1	
12 Dichlorofluoromethane	67	2.015	2.015	0.000	91	88196	20.0	17.6	
13 Pentane	43	2.050	2.061	-0.011	96	152062	40.0	34.0	
14 Ethanol	46	2.198	2.198	0.000	99	10768	800.0	1352.6	
15 Ethyl ether	59	2.232	2.232	0.000	98	37201	20.0	18.7	
16 2-Methyl-1,3-butadiene	53	2.244	2.255	-0.011	96	44072	20.0	17.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.278	2.278	0.000	96	32424	20.0	20.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.324	2.323	0.001	99	62758	20.0	19.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.381	2.380	0.001	99	41734	20.0	19.6	
19 Acrolein	56	2.392	2.392	0.000	95	8282	40.0	27.3	
21 1,1-Dichloroethene	96	2.415	2.415	0.000	95	39693	20.0	20.4	
22 Acetone	43	2.506	2.506	0.000	84	67912	100.0	99.1	
23 Iodomethane	142	2.563	2.563	0.000	98	49502	20.0	18.6	
24 Carbon disulfide	76	2.586	2.586	0.000	100	152324	20.0	19.4	
25 Isopropyl alcohol	45	2.586	2.586	0.000	98	29837	200.0	304.4	
26 3-Chloro-1-propene	76	2.712	2.712	0.000	90	26710	20.0	19.3	
28 Methyl acetate	43	2.735	2.734	0.001	76	75337	40.0	35.4	
27 Cyclopentene	67	2.735	2.734	0.001	95	110377	20.0	18.0	
29 Acetonitrile	41	2.780	2.780	0.000	100	66097	200.0	221.3	
* 30 TBA-d9 (IS)	65	2.837	2.837	0.000	95	189124	1000.0	1000.0	
31 Methylene Chloride	84	2.837	2.837	0.000	61	48695	20.0	19.4	
32 2-Methyl-2-propanol	59	2.906	2.906	0.000	98	38928	200.0	285.0	
33 Methyl tert-butyl ether	73	2.986	2.986	0.000	97	120465	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.009	3.008	0.001	99	44522	20.0	20.0	
35 Acrylonitrile	53	3.089	3.088	0.001	95	175314	200.0	207.4	
36 Hexane	57	3.157	3.157	0.000	93	58459	20.0	18.2	
37 Isopropyl ether	45	3.363	3.362	0.001	98	170322	20.0	17.8	
38 1,1-Dichloroethane	63	3.385	3.385	0.000	100	91826	20.0	18.9	
39 Vinyl acetate	43	3.408	3.408	0.000	100	239414	40.0	41.2	
40 2-Chloro-1,3-butadiene	88	3.431	3.431	0.000	93	40430	20.0	20.5	
41 Tert-butyl ethyl ether	59	3.671	3.671	0.000	87	142015	20.0	19.9	
42 2,2-Dichloropropane	79	3.865	3.865	0.000	59	23872	20.0	21.2	a
* 43 2-Butanone-d5	46	3.865	3.865	0.000	97	286241	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.888	3.887	0.001	94	50377	20.0	21.2	
46 2-Butanone (MEK)	72	3.911	3.910	0.001	96	23041	100.0	110.7	
45 Ethyl acetate	70	3.922	3.922	0.000	95	9460	40.0	47.4	
47 Methyl acrylate	55	3.968	3.967	0.001	100	42044	20.0	19.7	
48 Propionitrile	54	4.036	4.036	0.000	97	67990	200.0	235.5	
50 Chlorobromomethane	128	4.105	4.104	0.001	97	26684	20.0	23.3	
49 Tetrahydrofuran	72	4.116	4.116	0.000	97	11002	40.0	50.1	
51 Methacrylonitrile	67	4.139	4.139	0.000	96	197899	200.0	207.6	
52 Chloroform	83	4.162	4.161	0.001	98	87405	20.0	20.9	
53 Cyclohexane	84	4.276	4.276	0.000	97	59433	20.0	19.2	
54 1,1,1-Trichloroethane	97	4.299	4.298	0.001	97	68108	20.0	20.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.310	4.310	0.000	96	95815	50.0	43.4	
56 Carbon tetrachloride	117	4.413	4.413	0.000	98	59188	20.0	20.9	
57 1,1-Dichloropropene	75	4.447	4.447	0.000	94	63937	20.0	19.6	
58 Isobutyl alcohol	43	4.596	4.595	0.001	94	72848	500.0	640.2	
59 Isooctane	57	4.607	4.607	0.000	98	103797	20.0	17.9	
60 Benzene	78	4.641	4.641	0.000	97	192843	20.0	20.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.653	4.652	0.001	0	115990	50.0	40.2	
63 Tert-amyl methyl ether	55	4.710	4.698	0.012	72	40144	20.0	19.6	
62 Isopropyl acetate	43	4.710	4.709	0.001	92	152340	20.0	19.3	
64 1,2-Dichloroethane	62	4.733	4.732	0.001	96	72007	20.0	20.2	
65 n-Heptane	57	4.790	4.789	0.001	97	23869	20.0	19.4	
* 66 Fluorobenzene	96	4.927	4.926	0.001	98	495698	50.0	50.0	
67 n-Butanol	56	5.258	5.257	0.001	97	26030	500.0	882.3	
68 Trichloroethene	95	5.269	5.269	0.000	97	48024	20.0	20.6	
69 Methylcyclohexane	83	5.383	5.383	0.000	89	63370	20.0	19.9	
70 Ethyl acrylate	55	5.395	5.394	0.001	97	112663	20.0	18.9	
71 1,2-Dichloropropane	63	5.555	5.554	0.001	90	55023	20.0	19.5	
* 72 1,4-Dioxane-d8	96	5.623	5.623	0.000	0	26251	1000.0	1000.0	
73 Methyl methacrylate	100	5.646	5.646	0.000	95	20184	40.0	43.0	
75 1,4-Dioxane	88	5.680	5.680	0.000	43	11185	400.0	1069.4	
74 Dibromomethane	93	5.680	5.680	0.000	97	33364	20.0	21.1	
76 n-Propyl acetate	43	5.703	5.703	0.000	99	75084	20.0	19.2	
77 Dichlorobromomethane	83	5.840	5.840	0.000	98	65373	20.0	19.9	
78 2-Nitropropane	41	6.171	6.171	0.000	96	26392	40.0	40.6	
79 2-Chloroethyl vinyl ether	63	6.183	6.182	0.001	96	27703	20.0	18.0	
80 Epichlorohydrin	57	6.285	6.285	0.000	99	81779	400.0	456.6	
81 cis-1,3-Dichloropropene	75	6.331	6.331	0.000	97	83506	20.0	19.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.502	6.502	0.000	98	228830	100.0	104.8	
\$ 83 Toluene-d8 (Surr)	98	6.571	6.570	0.001	98	345693	50.0	41.5	
84 Toluene	91	6.651	6.650	0.001	94	187964	20.0	19.7	
85 trans-1,3-Dichloropropene	75	7.005	7.004	0.001	96	72105	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
86 Ethyl methacrylate	69	7.039	7.038	0.001	94	48690	20.0	18.3	
87 1,1,2-Trichloroethane	83	7.221	7.221	0.000	95	39783	20.0	20.3	
88 Tetrachloroethene	166	7.256	7.255	0.001	98	50321	20.0	23.4	
89 1,3-Dichloropropane	76	7.427	7.427	0.000	97	72257	20.0	19.0	
90 2-Hexanone	58	7.496	7.495	0.001	99	75240	100.0	106.8	
91 n-Butyl acetate	43	7.621	7.621	0.000	96	76773	20.0	18.4	
92 Chlorodibromomethane	129	7.655	7.655	0.000	98	49682	20.0	21.3	
93 Ethylene Dibromide	107	7.804	7.803	0.001	98	45841	20.0	21.0	
* 94 Chlorobenzene-d5	117	8.352	8.363	-0.011	88	381825	50.0	50.0	
95 Chlorobenzene	112	8.397	8.397	0.000	95	128256	20.0	20.8	
96 Ethylbenzene	106	8.500	8.500	0.000	99	62370	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	8.523	8.523	0.000	95	45703	20.0	21.0	
98 m-Xylene & p-Xylene	106	8.660	8.660	0.000	0	76336	20.0	20.1	
99 o-Xylene	106	9.185	9.185	0.000	93	76606	20.0	19.9	
100 n-Butyl acrylate	73	9.185	9.185	0.000	67	30723	20.0	18.2	
101 Styrene	104	9.219	9.219	0.000	95	130558	20.0	20.8	
102 Amyl acetate (mixed isomers)	43	9.448	9.447	0.001	87	85197	20.0	16.3	
103 Bromoform	173	9.448	9.447	0.001	62	34514	20.0	22.9	
104 Isopropylbenzene	105	9.585	9.584	0.001	96	189401	20.0	20.7	
\$ 105 4-Bromofluorobenzene	174	9.779	9.779	0.000	94	120655	50.0	46.4	
106 Bromobenzene	156	9.904	9.904	0.000	94	58709	20.0	21.1	
107 1,1,2,2-Tetrachloroethane	83	9.962	9.961	0.001	99	61747	20.0	18.8	
108 N-Propylbenzene	91	9.984	9.984	0.000	99	230794	20.0	18.2	
109 1,2,3-Trichloropropane	110	9.996	9.995	0.001	94	14792	20.0	19.9	
110 trans-1,4-Dichloro-2-butene	53	10.019	10.018	0.001	90	17913	20.0	16.9	
111 2-Chlorotoluene	91	10.076	10.075	0.001	98	167033	20.0	18.6	
112 4-Ethyltoluene	105	10.087	10.087	0.000	97	198997	20.0	19.3	
113 1,3,5-Trimethylbenzene	105	10.144	10.144	0.000	93	165598	20.0	19.3	
114 4-Chlorotoluene	91	10.178	10.178	0.000	97	153351	20.0	18.2	
115 Butyl Methacrylate	87	10.236	10.235	0.001	98	54070	20.0	14.9	
116 tert-Butylbenzene	119	10.395	10.395	0.000	94	129877	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	10.441	10.441	0.000	99	169028	20.0	18.9	
118 sec-Butylbenzene	105	10.567	10.566	0.001	99	187613	20.0	18.6	
120 1,3-Dichlorobenzene	146	10.669	10.669	0.000	87	108542	20.0	21.3	
119 4-Isopropyltoluene	119	10.669	10.669	0.000	97	161291	20.0	18.7	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.726	0.000	95	226272	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.749	10.749	0.000	95	110156	20.0	20.7	
123 1,2,3-Trimethylbenzene	105	10.761	10.760	0.001	99	186387	20.0	19.3	
124 Benzyl chloride	91	10.852	10.852	0.000	99	115405	20.0	21.2	
125 2,3-Dihydroindene	117	10.898	10.897	0.001	95	184935	20.0	20.0	
126 p-Diethylbenzene	119	10.943	10.943	0.000	94	87075	20.0	19.7	
127 n-Butylbenzene	92	10.955	10.954	0.001	97	85654	20.0	18.9	
128 1,2-Dichlorobenzene	146	11.000	11.000	0.000	96	104827	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	11.434	11.434	0.000	98	168186	20.0	19.5	
130 1,2-Dibromo-3-Chloropropane	157	11.503	11.502	0.001	95	12809	20.0	21.5	
131 1,3,5-Trichlorobenzene	180	11.594	11.594	0.000	97	78732	20.0	21.2	
132 1,2,4-Trichlorobenzene	180	11.971	11.971	0.000	94	73355	20.0	22.6	
133 Hexachlorobutadiene	225	12.039	12.039	0.000	96	24735	20.0	22.3	
134 Naphthalene	128	12.131	12.130	0.001	99	171493	20.0	20.2	
135 1,2,3-Trichlorobenzene	180	12.291	12.290	0.001	95	65610	20.0	21.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 137 Xylenes, Total	100				0		40.0	40.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 138 Total BTEX

1

0

100.0

99.8

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158

Amount Added: 20.00

Units: uL

524freon_00056

Amount Added: 20.00

Units: uL

GASES Li_00492

Amount Added: 20.00

Units: uL

ACROLEIN W_00143

Amount Added: 4.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79865.D

Injection Date: 09-Sep-2022 18:29:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

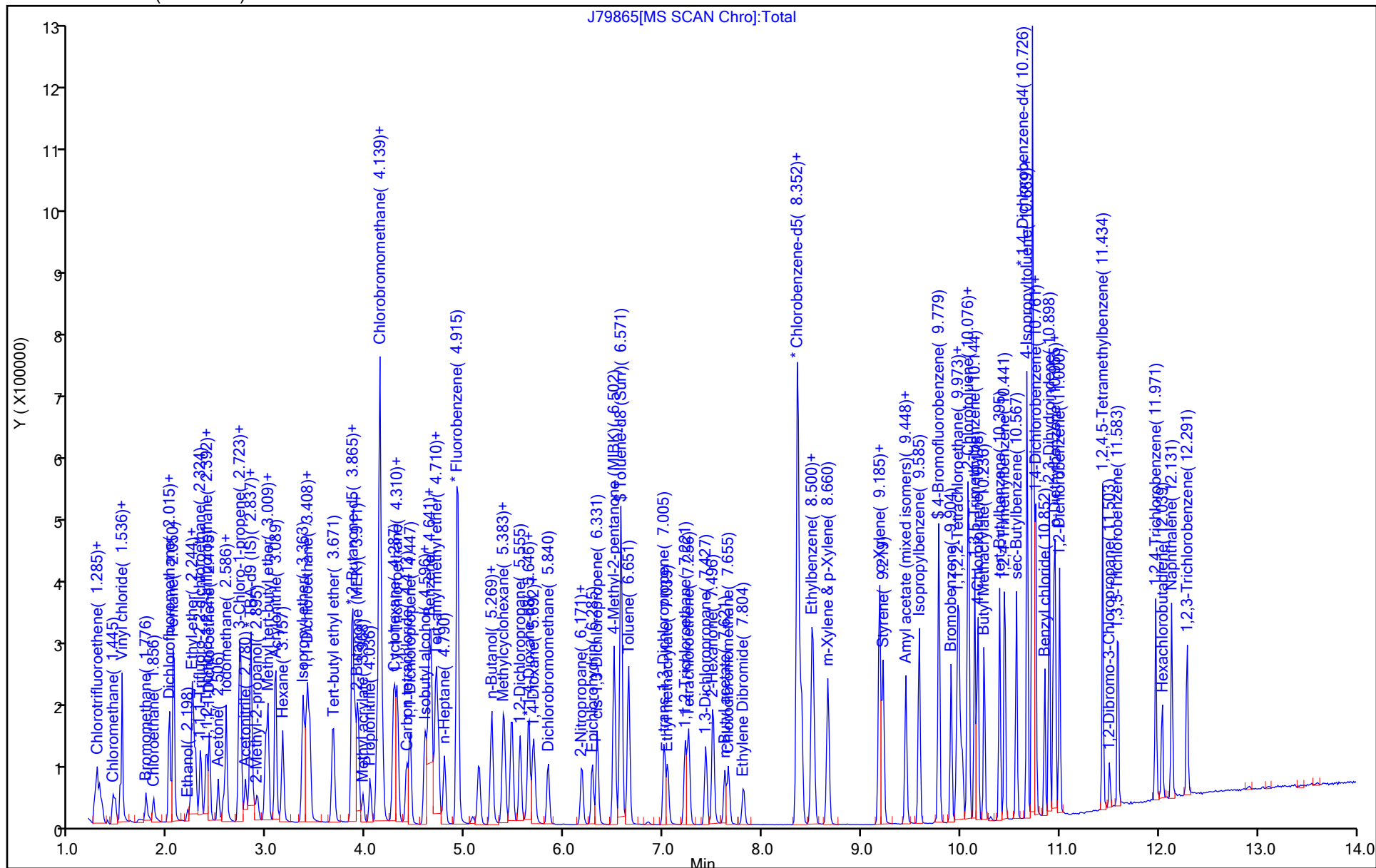
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79865.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 09-Sep-2022 18:29:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0150196-003
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 19:09:13 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 19:09:13

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	43.4	86.71
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	40.2	80.31
\$ 83 Toluene-d8 (Surr)	50.0	41.5	83.02
\$ 105 4-Bromofluorobenzene	50.0	46.4	92.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-865576/3</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79897.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/10/2022 08:53</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865576</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.20
75-34-3	1,1-Dichloroethane	20.6		1.0	0.26
75-35-4	1,1-Dichloroethene	20.2		1.0	0.26
107-06-2	1,2-Dichloroethane	20.3		1.0	0.43
78-87-5	1,2-Dichloropropane	19.8		1.0	0.35
78-93-3	2-Butanone (MEK)	102		5.0	1.9
591-78-6	2-Hexanone	101		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	1.3
67-64-1	Acetone	94.6		5.0	4.4
71-43-2	Benzene	20.5		1.0	0.20
75-27-4	Bromodichloromethane	20.2		1.0	0.34
75-25-2	Bromoform	22.5		1.0	0.54
74-83-9	Bromomethane	20.2		1.0	0.55
75-15-0	Carbon disulfide	20.2		1.0	0.82
56-23-5	Carbon tetrachloride	21.6		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
74-97-5	Chlorobromomethane	23.4		1.0	0.41
75-00-3	Chloroethane	19.2		1.0	0.32
67-66-3	Chloroform	20.8		1.0	0.33
74-87-3	Chloromethane	16.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.22
100-41-4	Ethylbenzene	19.6		1.0	0.30
75-09-2	Methylene Chloride	20.3		1.0	0.32
100-42-5	Styrene	21.1		1.0	0.42
127-18-4	Tetrachloroethene	23.2		1.0	0.25
108-88-3	Toluene	20.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
79-01-6	Trichloroethene	20.8		1.0	0.31
75-01-4	Vinyl chloride	17.1		1.0	0.17
1330-20-7	Xylenes, Total	40.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-865576/3
Matrix: Water Lab File ID: J79897.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/10/2022 08:53
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865576 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
2037-26-5	Toluene-d8 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79897.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 10-Sep-2022 08:53:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0150210-003
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:25:42 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:23:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.250	1.252	-0.002	89	5568	20.0	24.6	
4 Dichlorodifluoromethane	85	1.284	1.275	0.009	99	55022	20.0	17.3	
5 Chlorodifluoromethane	67	1.307	1.309	-0.002	97	9729	20.0	20.1	
6 Chloromethane	50	1.444	1.435	0.009	100	70676	20.0	16.7	
7 Vinyl chloride	62	1.513	1.515	-0.002	98	52958	20.0	17.1	
8 Butadiene	54	1.535	1.538	-0.003	96	50577	20.0	16.0	
9 Bromomethane	94	1.775	1.778	-0.003	98	27792	20.0	20.2	
10 Chloroethane	64	1.844	1.846	-0.002	98	30546	20.0	19.2	
11 Trichlorofluoromethane	101	2.015	2.006	0.009	99	60963	20.0	18.1	
12 Dichlorofluoromethane	67	2.004	2.006	-0.002	97	86174	20.0	18.0	
13 Pentane	43	2.049	2.052	-0.003	96	155133	40.0	36.1	
14 Ethanol	46	2.198	2.189	0.009	96	10785	800.0	1319.0	
15 Ethyl ether	59	2.232	2.234	-0.002	93	35716	20.0	18.7	
16 2-Methyl-1,3-butadiene	53	2.243	2.246	-0.003	97	42983	20.0	17.9	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.278	2.268	0.010	92	33853	20.0	22.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.323	2.326	-0.003	98	62649	20.0	20.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.380	2.383	-0.003	98	43164	20.0	21.2	
19 Acrolein	56	2.392	2.383	0.009	92	11061	40.0	35.6	
21 1,1-Dichloroethene	96	2.415	2.417	-0.002	96	37678	20.0	20.2	
22 Acetone	43	2.506	2.497	0.009	85	66069	100.0	94.6	
23 Iodomethane	142	2.552	2.554	-0.002	99	51332	20.0	20.1	
24 Carbon disulfide	76	2.586	2.577	0.009	100	152341	20.0	20.2	
25 Isopropyl alcohol	45	2.586	2.588	-0.002	98	30569	200.0	303.6	
26 3-Chloro-1-propene	76	2.711	2.714	-0.003	90	26627	20.0	20.1	
28 Methyl acetate	43	2.723	2.725	-0.002	81	73659	40.0	36.1	
27 Cyclopentene	67	2.723	2.725	-0.002	95	106922	20.0	18.2	
29 Acetonitrile	41	2.780	2.771	0.009	98	62118	200.0	202.5	
* 30 TBA-d9 (IS)	65	2.826	2.828	-0.002	93	194248	1000.0	1000.0	
31 Methylene Chloride	84	2.837	2.828	0.009	58	48914	20.0	20.3	
32 2-Methyl-2-propanol	59	2.894	2.896	-0.002	99	38524	200.0	274.6	
33 Methyl tert-butyl ether	73	2.985	2.976	0.009	96	115529	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.008	2.999	0.009	99	43548	20.0	20.4	
35 Acrylonitrile	53	3.077	3.079	-0.002	93	169121	200.0	194.8	
36 Hexane	57	3.145	3.148	-0.003	92	57260	20.0	18.6	
37 Isopropyl ether	45	3.351	3.353	-0.002	98	176700	20.0	19.3	
38 1,1-Dichloroethane	63	3.385	3.387	-0.002	99	96013	20.0	20.6	
39 Vinyl acetate	43	3.408	3.399	0.009	100	238451	40.0	42.7	
40 2-Chloro-1,3-butadiene	88	3.419	3.422	-0.003	92	39748	20.0	21.0	
41 Tert-butyl ethyl ether	59	3.659	3.661	-0.002	87	136879	20.0	20.0	
42 2,2-Dichloropropane	79	3.853	3.855	-0.002	58	23480	20.0	21.7	a
* 43 2-Butanone-d5	46	3.853	3.855	-0.002	96	291517	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.887	3.878	0.009	94	50086	20.0	22.0	
46 2-Butanone (MEK)	72	3.910	3.912	-0.002	95	21725	100.0	102.4	
45 Ethyl acetate	70	3.910	3.912	-0.002	94	8912	40.0	43.8	
47 Methyl acrylate	55	3.967	3.958	0.009	99	40021	20.0	19.6	
48 Propionitrile	54	4.036	4.027	0.009	97	65774	200.0	221.8	
50 Chlorobromomethane	128	4.104	4.107	-0.003	96	25767	20.0	23.4	
49 Tetrahydrofuran	72	4.104	4.107	-0.003	92	9386	40.0	42.0	
51 Methacrylonitrile	67	4.127	4.129	-0.002	97	188330	200.0	205.9	
52 Chloroform	83	4.161	4.152	0.009	97	83500	20.0	20.8	
53 Cyclohexane	84	4.275	4.266	0.009	97	59618	20.0	20.1	
54 1,1,1-Trichloroethane	97	4.287	4.289	-0.002	98	66427	20.0	21.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.310	4.312	-0.002	96	109760	50.0	51.8	
56 Carbon tetrachloride	117	4.401	4.403	-0.002	97	58746	20.0	21.6	
57 1,1-Dichloropropene	75	4.435	4.438	-0.003	93	61151	20.0	19.6	
58 Isobutyl alcohol	43	4.584	4.586	-0.002	95	67867	500.0	580.7	
59 Isooctane	57	4.595	4.597	-0.002	97	111041	20.0	20.0	
60 Benzene	78	4.629	4.632	-0.003	97	190510	20.0	20.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.652	4.643	0.009	0	131934	50.0	47.6	
63 Tert-amyl methyl ether	55	4.698	4.700	-0.002	72	40605	20.0	20.6	
62 Isopropyl acetate	43	4.698	4.700	-0.002	92	153492	20.0	20.3	
64 1,2-Dichloroethane	62	4.721	4.723	-0.002	96	69282	20.0	20.3	
65 n-Heptane	57	4.789	4.780	0.009	97	24396	20.0	20.7	
* 66 Fluorobenzene	96	4.915	4.917	-0.002	98	475541	50.0	50.0	
68 Trichloroethene	95	5.257	5.260	-0.003	97	46433	20.0	20.8	
67 n-Butanol	56	5.246	5.260	-0.014	95	21975	500.0	725.2	
69 Methylcyclohexane	83	5.383	5.374	0.009	94	63420	20.0	20.8	
70 Ethyl acrylate	55	5.383	5.385	-0.002	98	110558	20.0	19.3	
71 1,2-Dichloropropane	63	5.543	5.545	-0.002	90	53595	20.0	19.8	
* 72 1,4-Dioxane-d8	96	5.623	5.625	-0.002	0	27669	1000.0	1000.0	
73 Methyl methacrylate	100	5.634	5.636	-0.002	95	18911	40.0	42.0	
75 1,4-Dioxane	88	5.668	5.671	-0.003	46	11461	400.0	1041.9	
74 Dibromomethane	93	5.680	5.671	0.009	98	32267	20.0	21.3	
76 n-Propyl acetate	43	5.691	5.693	-0.002	99	70895	20.0	18.9	
77 Dichlorobromomethane	83	5.828	5.831	-0.002	99	63865	20.0	20.2	
78 2-Nitropropane	41	6.159	6.162	-0.003	93	25388	40.0	38.0	
79 2-Chloroethyl vinyl ether	63	6.171	6.173	-0.002	92	26254	20.0	17.8	
80 Epichlorohydrin	57	6.273	6.276	-0.003	99	80968	400.0	443.9	
81 cis-1,3-Dichloropropene	75	6.331	6.321	0.010	97	78580	20.0	18.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.490	6.493	-0.003	98	228916	100.0	103.0	
\$ 83 Toluene-d8 (Surr)	98	6.559	6.561	-0.002	99	398984	50.0	49.0	
84 Toluene	91	6.639	6.641	-0.002	93	188960	20.0	20.2	
85 trans-1,3-Dichloropropene	75	7.004	6.995	0.009	98	67725	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	7.038	7.029	0.009	95	45709	20.0	17.9	
87 1,1,2-Trichloroethane	83	7.210	7.212	-0.002	94	38448	20.0	20.0	
88 Tetrachloroethene	166	7.244	7.246	-0.002	97	48689	20.0	23.2	
89 1,3-Dichloropropane	76	7.415	7.417	-0.002	98	70904	20.0	19.1	
90 2-Hexanone	58	7.495	7.497	-0.002	99	72217	100.0	100.6	
91 n-Butyl acetate	43	7.609	7.612	-0.003	96	73863	20.0	18.1	
92 Chlorodibromomethane	129	7.655	7.646	0.009	98	47900	20.0	21.0	
93 Ethylene Dibromide	107	7.803	7.794	0.009	99	43103	20.0	20.2	
* 94 Chlorobenzene-d5	117	8.351	8.354	-0.003	87	373654	50.0	50.0	
95 Chlorobenzene	112	8.386	8.388	-0.002	95	128206	20.0	21.2	
96 Ethylbenzene	106	8.488	8.491	-0.003	99	60709	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.511	8.513	-0.002	96	45436	20.0	21.3	
98 m-Xylene & p-Xylene	106	8.660	8.650	0.010	0	74053	20.0	20.0	
99 o-Xylene	106	9.173	9.176	-0.003	94	75423	20.0	20.0	
100 n-Butyl acrylate	73	9.173	9.176	-0.003	64	29129	20.0	17.7	
101 Styrene	104	9.208	9.210	-0.002	94	130007	20.0	21.1	
102 Amyl acetate (mixed isomers)	43	9.436	9.438	-0.002	88	81955	20.0	16.2	
103 Bromoform	173	9.447	9.438	0.009	65	33220	20.0	22.5	
104 Isopropylbenzene	105	9.573	9.575	-0.002	97	181122	20.0	20.2	
\$ 105 4-Bromofluorobenzene	174	9.778	9.781	-0.003	95	139820	50.0	54.9	
106 Bromobenzene	156	9.904	9.895	0.009	95	56707	20.0	21.1	
107 1,1,2,2-Tetrachloroethane	83	9.961	9.952	0.009	98	58515	20.0	18.4	
108 N-Propylbenzene	91	9.972	9.975	-0.003	99	234302	20.0	19.1	
109 1,2,3-Trichloropropane	110	9.995	9.998	-0.003	96	14813	20.0	20.7	
110 trans-1,4-Dichloro-2-butene	53	10.018	10.020	-0.002	88	17257	20.0	16.8	
111 2-Chlorotoluene	91	10.064	10.066	-0.002	98	171452	20.0	19.7	
112 4-Ethyltoluene	105	10.075	10.078	-0.003	97	199117	20.0	19.9	
113 1,3,5-Trimethylbenzene	105	10.144	10.135	0.009	94	161756	20.0	19.5	
114 4-Chlorotoluene	91	10.167	10.169	-0.002	98	160152	20.0	19.6	
115 Butyl Methacrylate	87	10.235	10.237	-0.002	97	52567	20.0	15.0	
116 tert-Butylbenzene	119	10.395	10.386	0.009	93	126016	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	10.441	10.443	-0.002	98	173030	20.0	20.0	
118 sec-Butylbenzene	105	10.555	10.557	-0.002	99	192203	20.0	19.7	
120 1,3-Dichlorobenzene	146	10.669	10.671	-0.002	79	107658	20.0	21.9	
119 4-Isopropyltoluene	119	10.669	10.671	-0.002	97	165673	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.726	10.717	0.009	95	218548	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.737	10.740	-0.003	96	111964	20.0	21.8	
123 1,2,3-Trimethylbenzene	105	10.760	10.751	0.009	98	183322	20.0	19.6	
124 Benzyl chloride	91	10.840	10.842	-0.002	98	106451	20.0	20.2	
125 2,3-Dihydroindene	117	10.897	10.888	0.009	95	180250	20.0	20.1	
126 p-Diethylbenzene	119	10.931	10.934	-0.003	93	86892	20.0	20.3	
127 n-Butylbenzene	92	10.954	10.957	-0.003	98	88187	20.0	20.1	
128 1,2-Dichlorobenzene	146	11.000	10.991	0.009	97	104857	20.0	21.6	
129 1,2,4,5-Tetramethylbenzene	119	11.434	11.425	0.009	98	160850	20.0	19.3	
130 1,2-Dibromo-3-Chloropropane	157	11.502	11.505	-0.003	93	12205	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	11.582	11.585	-0.003	97	79466	20.0	22.2	
132 1,2,4-Trichlorobenzene	180	11.959	11.961	-0.002	94	71111	20.0	22.7	
133 Hexachlorobutadiene	225	12.028	12.030	-0.002	96	25427	20.0	23.7	
134 Naphthalene	128	12.119	12.121	-0.002	99	173618	20.0	21.2	
135 1,2,3-Trichlorobenzene	180	12.279	12.281	-0.002	95	66379	20.0	22.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 137 Xylenes, Total	100				0		40.0	40.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 138 Total BTEX

1

0

100.0

100.4

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158

Amount Added: 20.00

Units: uL

524freon_00056

Amount Added: 20.00

Units: uL

GASES Li_00493

Amount Added: 20.00

Units: uL

ACROLEIN W_00143

Amount Added: 4.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79897.D

Injection Date: 10-Sep-2022 08:53:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

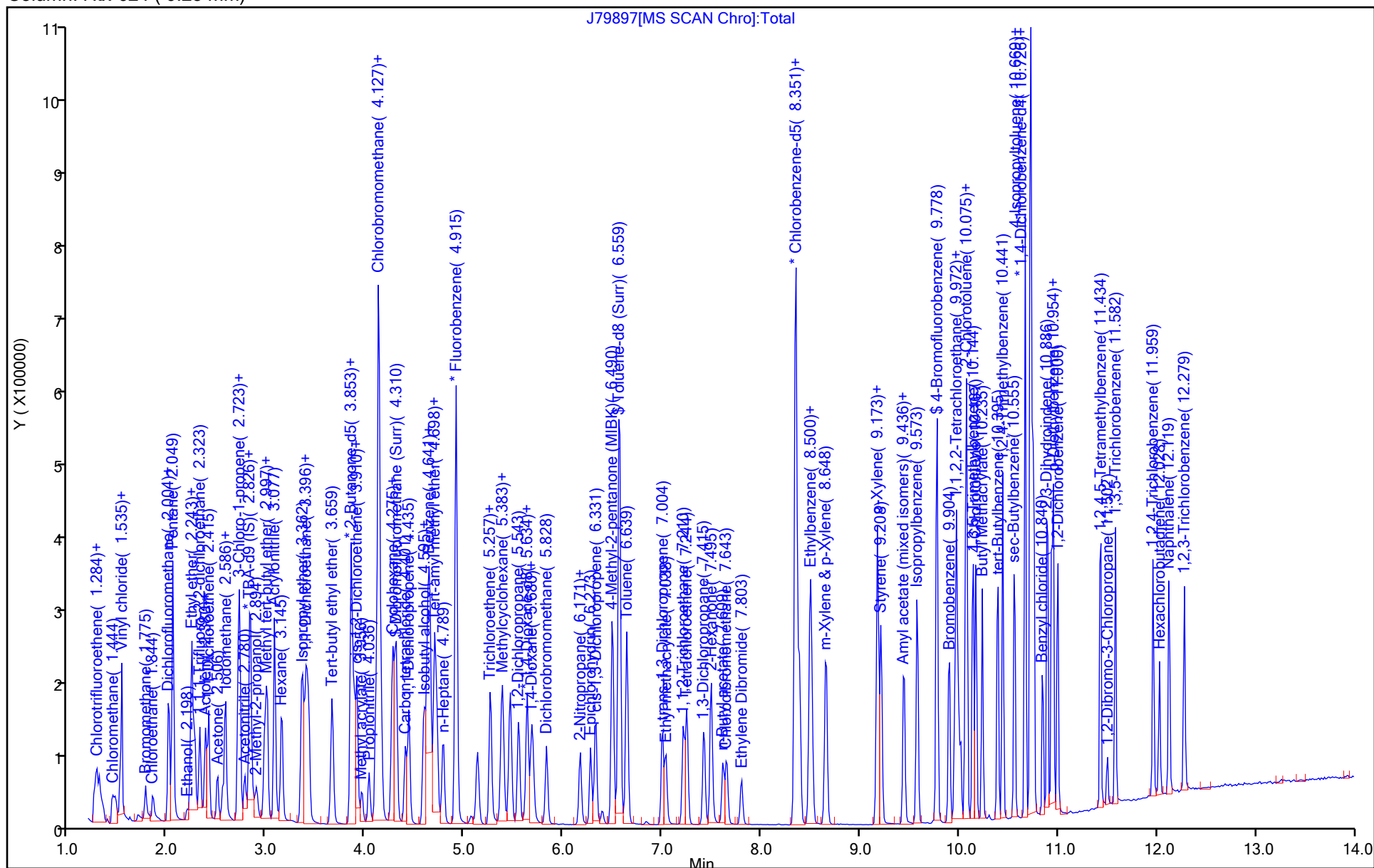
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79897.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 10-Sep-2022 08:53:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0150210-003
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:25:42 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:23:01

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	51.8	103.53
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.6	95.23
\$ 83 Toluene-d8 (Surr)	50.0	49.0	97.91
\$ 105 4-Bromofluorobenzene	50.0	54.9	109.81

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-865501/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79866.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/09/2022 18:54</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865501</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.20
75-34-3	1,1-Dichloroethane	19.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.3		1.0	0.26
107-06-2	1,2-Dichloroethane	20.2		1.0	0.43
78-87-5	1,2-Dichloropropane	19.8		1.0	0.35
78-93-3	2-Butanone (MEK)	116		5.0	1.9
591-78-6	2-Hexanone	105		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	97.6		5.0	4.4
71-43-2	Benzene	21.4		1.0	0.20
75-27-4	Bromodichloromethane	20.7		1.0	0.34
75-25-2	Bromoform	23.4		1.0	0.54
74-83-9	Bromomethane	20.6		1.0	0.55
75-15-0	Carbon disulfide	20.3		1.0	0.82
56-23-5	Carbon tetrachloride	22.3		1.0	0.21
108-90-7	Chlorobenzene	21.9		1.0	0.38
74-97-5	Chlorobromomethane	24.1		1.0	0.41
75-00-3	Chloroethane	18.7		1.0	0.32
67-66-3	Chloroform	21.8		1.0	0.33
74-87-3	Chloromethane	17.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.22
100-41-4	Ethylbenzene	20.7		1.0	0.30
75-09-2	Methylene Chloride	20.4		1.0	0.32
100-42-5	Styrene	22.2		1.0	0.42
127-18-4	Tetrachloroethene	24.5		1.0	0.25
108-88-3	Toluene	20.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.22
79-01-6	Trichloroethene	21.7		1.0	0.31
75-01-4	Vinyl chloride	18.0		1.0	0.17
1330-20-7	Xylenes, Total	42.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-865501/4
Matrix: Water Lab File ID: J79866.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/09/2022 18:54
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865501 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
2037-26-5	Toluene-d8 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79866.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 09-Sep-2022 18:54:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0150196-004
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 19:24:24 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 19:24:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.261	1.262	-0.001	92	5496	20.0	23.3	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	99	64233	20.0	19.4	
5 Chlorodifluoromethane	67	1.307	1.307	0.000	96	9941	20.0	19.7	
6 Chloromethane	50	1.444	1.444	0.000	100	77518	20.0	17.7	
7 Vinyl chloride	62	1.512	1.513	-0.001	99	58007	20.0	18.0	
8 Butadiene	54	1.535	1.536	-0.001	95	54866	20.0	16.7	
9 Bromomethane	94	1.775	1.775	0.000	98	29357	20.0	20.6	
10 Chloroethane	64	1.855	1.855	0.000	99	30876	20.0	18.7	
11 Trichlorofluoromethane	101	2.014	2.015	-0.001	97	65031	20.0	18.6	
12 Dichlorofluoromethane	67	2.014	2.015	-0.001	91	93268	20.0	18.7	
13 Pentane	43	2.060	2.061	-0.001	96	157514	40.0	35.3	
14 Ethanol	46	2.197	2.198	-0.001	100	9834	800.0	1284.2	
15 Ethyl ether	59	2.231	2.232	-0.001	99	37262	20.0	18.8	
16 2-Methyl-1,3-butadiene	53	2.243	2.255	-0.012	95	45637	20.0	18.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.277	2.278	-0.001	96	35717	20.0	22.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.323	2.323	0.000	99	67366	20.0	20.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.380	2.380	0.000	98	43195	20.0	20.4	
19 Acrolein	56	2.391	2.392	-0.001	94	15102	40.0	51.8	
21 1,1-Dichloroethene	96	2.414	2.415	-0.001	96	41398	20.0	21.3	
22 Acetone	43	2.505	2.506	-0.001	85	65287	100.0	97.6	
23 Iodomethane	142	2.562	2.563	-0.001	97	51234	20.0	19.3	
24 Carbon disulfide	76	2.585	2.586	-0.001	100	159167	20.0	20.3	
25 Isopropyl alcohol	45	2.585	2.586	-0.001	98	29510	200.0	313.0	
26 3-Chloro-1-propene	76	2.711	2.712	-0.001	90	27572	20.0	20.0	
28 Methyl acetate	43	2.734	2.734	0.000	71	70806	40.0	33.4	
27 Cyclopentene	67	2.734	2.734	0.000	95	113023	20.0	18.5	
29 Acetonitrile	41	2.779	2.780	-0.001	100	64210	200.0	223.5	
* 30 TBA-d9 (IS)	65	2.836	2.837	-0.001	96	181925	1000.0	1000.0	
31 Methylene Chloride	84	2.836	2.837	-0.001	64	50870	20.0	20.4	
32 2-Methyl-2-propanol	59	2.905	2.906	-0.001	98	36702	200.0	279.3	
33 Methyl tert-butyl ether	73	2.985	2.986	-0.001	97	121709	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
34 trans-1,2-Dichloroethene	96	3.008	3.008	0.000	99	47462	20.0	21.4	
35 Acrylonitrile	53	3.088	3.088	0.000	94	169153	200.0	208.1	
36 Hexane	57	3.156	3.157	-0.001	93	56654	20.0	17.7	
37 Isopropyl ether	45	3.362	3.362	0.000	97	172899	20.0	18.1	
38 1,1-Dichloroethane	63	3.384	3.385	-0.001	99	95288	20.0	19.7	
39 Vinyl acetate	43	3.407	3.408	-0.001	100	222610	40.0	38.4	
40 2-Chloro-1,3-butadiene	88	3.430	3.431	-0.001	93	42287	20.0	21.5	
41 Tert-butyl ethyl ether	59	3.670	3.671	-0.001	87	144112	20.0	20.3	
42 2,2-Dichloropropane	79	3.864	3.865	-0.001	58	23995	20.0	21.4	a
* 43 2-Butanone-d5	46	3.864	3.865	-0.001	97	279366	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.887	3.887	0.000	95	54238	20.0	22.9	
46 2-Butanone (MEK)	72	3.910	3.910	0.000	98	23559	100.0	115.9	
45 Ethyl acetate	70	3.921	3.922	-0.001	95	9745	40.0	50.0	
47 Methyl acrylate	55	3.967	3.967	0.000	99	40024	20.0	18.8	
48 Propionitrile	54	4.035	4.036	-0.001	97	66447	200.0	239.3	
50 Chlorobromomethane	128	4.104	4.104	0.000	98	27527	20.0	24.1	
49 Tetrahydrofuran	72	4.115	4.116	-0.001	91	10037	40.0	46.9	
51 Methacrylonitrile	67	4.138	4.139	-0.001	96	195741	200.0	205.9	
52 Chloroform	83	4.161	4.161	0.000	97	91085	20.0	21.8	
53 Cyclohexane	84	4.275	4.276	-0.001	97	62408	20.0	20.3	
54 1,1,1-Trichloroethane	97	4.298	4.298	0.000	98	73208	20.0	22.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.309	4.310	-0.001	96	113234	50.0	51.4	
56 Carbon tetrachloride	117	4.412	4.413	-0.001	98	62964	20.0	22.3	
57 1,1-Dichloropropene	75	4.446	4.447	-0.001	94	67803	20.0	20.9	
58 Isobutyl alcohol	43	4.595	4.595	0.000	96	69339	500.0	633.5	
59 Isooctane	57	4.606	4.607	-0.001	91	108690	20.0	18.8	
60 Benzene	78	4.640	4.641	-0.001	96	204582	20.0	21.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.652	4.652	0.000	0	133488	50.0	46.4	
63 Tert-amyl methyl ether	55	4.697	4.698	-0.001	72	39650	20.0	19.4	
62 Isopropyl acetate	43	4.709	4.709	0.000	92	149389	20.0	19.0	
64 1,2-Dichloroethane	62	4.732	4.732	0.000	97	71637	20.0	20.2	
65 n-Heptane	57	4.789	4.789	0.000	97	24328	20.0	19.8	
* 66 Fluorobenzene	96	4.926	4.926	0.000	98	494188	50.0	50.0	
67 n-Butanol	56	5.257	5.257	0.000	96	23846	500.0	840.2	
68 Trichloroethene	95	5.268	5.269	-0.001	97	50356	20.0	21.7	
69 Methylcyclohexane	83	5.382	5.383	-0.001	89	65130	20.0	20.5	
70 Ethyl acrylate	55	5.394	5.394	0.000	97	116261	20.0	19.6	
71 1,2-Dichloropropane	63	5.554	5.554	0.000	89	55818	20.0	19.8	
* 72 1,4-Dioxane-d8	96	5.622	5.623	-0.001	0	26220	1000.0	1000.0	
73 Methyl methacrylate	100	5.645	5.646	-0.001	94	19981	40.0	42.7	
75 1,4-Dioxane	88	5.679	5.680	-0.001	44	10750	400.0	1032.1	
74 Dibromomethane	93	5.679	5.680	-0.001	97	33517	20.0	21.3	
76 n-Propyl acetate	43	5.702	5.703	-0.001	99	72389	20.0	18.6	
77 Dichlorobromomethane	83	5.839	5.840	-0.001	98	67860	20.0	20.7	
78 2-Nitropropane	41	6.170	6.171	-0.001	86	24907	40.0	39.8	
79 2-Chloroethyl vinyl ether	63	6.182	6.182	0.000	91	27201	20.0	17.7	
80 Epichlorohydrin	57	6.284	6.285	-0.001	99	79341	400.0	453.9	
81 cis-1,3-Dichloropropene	75	6.330	6.331	-0.001	95	85379	20.0	20.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.501	6.502	-0.001	98	225984	100.0	106.1	
\$ 83 Toluene-d8 (Surr)	98	6.570	6.570	0.000	99	411495	50.0	48.9	
84 Toluene	91	6.650	6.650	0.000	93	200866	20.0	20.8	
85 trans-1,3-Dichloropropene	75	7.004	7.004	0.000	98	71430	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	7.038	7.038	0.000	95	48356	20.0	18.2	
87 1,1,2-Trichloroethane	83	7.221	7.221	0.000	95	40070	20.0	20.2	
88 Tetrachloroethene	166	7.255	7.255	0.000	96	53025	20.0	24.5	
89 1,3-Dichloropropane	76	7.426	7.427	-0.001	97	72689	20.0	19.0	
90 2-Hexanone	58	7.495	7.495	0.000	99	72438	100.0	105.3	
91 n-Butyl acetate	43	7.620	7.621	-0.001	97	74063	20.0	17.6	
92 Chlorodibromomethane	129	7.654	7.655	-0.001	98	51442	20.0	21.9	
93 Ethylene Dibromide	107	7.803	7.803	0.000	97	45988	20.0	20.9	
* 94 Chlorobenzene-d5	117	8.362	8.363	-0.001	87	385468	50.0	50.0	
95 Chlorobenzene	112	8.396	8.397	-0.001	95	136548	20.0	21.9	
96 Ethylbenzene	106	8.499	8.500	-0.001	99	66076	20.0	20.7	
97 1,1,1,2-Tetrachloroethane	131	8.522	8.523	-0.001	95	47970	20.0	21.8	
98 m-Xylene & p-Xylene	106	8.659	8.660	-0.001	0	80880	20.0	21.1	
99 o-Xylene	106	9.184	9.185	-0.001	93	83742	20.0	21.6	
100 n-Butyl acrylate	73	9.184	9.185	-0.001	66	31252	20.0	18.4	
101 Styrene	104	9.218	9.219	-0.001	96	140859	20.0	22.2	
102 Amyl acetate (mixed isomers)	43	9.447	9.447	0.000	88	86163	20.0	16.3	
103 Bromoform	173	9.447	9.447	0.000	64	35658	20.0	23.4	
104 Isopropylbenzene	105	9.584	9.584	0.000	97	197923	20.0	21.4	
\$ 105 4-Bromofluorobenzene	174	9.778	9.779	-0.001	94	143998	50.0	54.8	
106 Bromobenzene	156	9.903	9.904	-0.001	95	61336	20.0	21.9	
107 1,1,2,2-Tetrachloroethane	83	9.961	9.961	0.000	98	61139	20.0	18.4	
108 N-Propylbenzene	91	9.983	9.984	-0.001	99	245196	20.0	19.2	
109 1,2,3-Trichloropropane	110	10.006	9.995	0.011	95	13815	20.0	18.5	
110 trans-1,4-Dichloro-2-butene	53	10.018	10.018	0.000	88	17736	20.0	16.6	
111 2-Chlorotoluene	91	10.075	10.075	0.000	98	178099	20.0	19.7	
112 4-Ethyltoluene	105	10.086	10.087	-0.001	97	212745	20.0	20.4	
113 1,3,5-Trimethylbenzene	105	10.143	10.144	-0.001	93	173788	20.0	20.1	
114 4-Chlorotoluene	91	10.177	10.178	-0.001	97	165759	20.0	19.5	
115 Butyl Methacrylate	87	10.235	10.235	0.000	97	56523	20.0	15.4	
116 tert-Butylbenzene	119	10.394	10.395	-0.001	94	138026	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	10.451	10.441	0.010	97	179551	20.0	19.9	
118 sec-Butylbenzene	105	10.566	10.566	0.000	99	199378	20.0	19.6	
120 1,3-Dichlorobenzene	146	10.668	10.669	-0.001	86	113330	20.0	22.1	
119 4-Isopropyltoluene	119	10.668	10.669	-0.001	97	176457	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	10.725	10.726	-0.001	96	228036	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.748	10.749	-0.001	95	113909	20.0	21.2	
123 1,2,3-Trimethylbenzene	105	10.760	10.760	0.000	99	197621	20.0	20.3	
124 Benzyl chloride	91	10.851	10.852	-0.001	99	112795	20.0	20.5	
125 2,3-Dihydroindene	117	10.897	10.897	0.000	94	197553	20.0	21.2	
126 p-Diethylbenzene	119	10.942	10.943	-0.001	93	94127	20.0	21.1	
127 n-Butylbenzene	92	10.954	10.954	0.000	97	90942	20.0	19.9	
128 1,2-Dichlorobenzene	146	10.999	11.000	-0.001	97	110212	20.0	21.7	
129 1,2,4,5-Tetramethylbenzene	119	11.433	11.434	-0.001	98	176452	20.0	20.3	
130 1,2-Dibromo-3-Chloropropane	157	11.502	11.502	0.000	94	12575	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	11.582	11.594	-0.012	98	83942	20.0	22.5	
132 1,2,4-Trichlorobenzene	180	11.970	11.971	-0.001	94	74193	20.0	22.7	
133 Hexachlorobutadiene	225	12.038	12.039	-0.001	96	25766	20.0	23.0	
134 Naphthalene	128	12.130	12.130	0.000	99	177751	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	12.290	12.290	0.000	95	66827	20.0	21.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.3	
S 137 Xylenes, Total	100				0		40.0	42.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 138 Total BTEX

1

0

100.0

105.6

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158

Amount Added: 20.00

Units: uL

524freon_00056

Amount Added: 20.00

Units: uL

GASES Li_00492

Amount Added: 20.00

Units: uL

ACROLEIN W_00143

Amount Added: 4.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79866.D

Injection Date: 09-Sep-2022 18:54:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

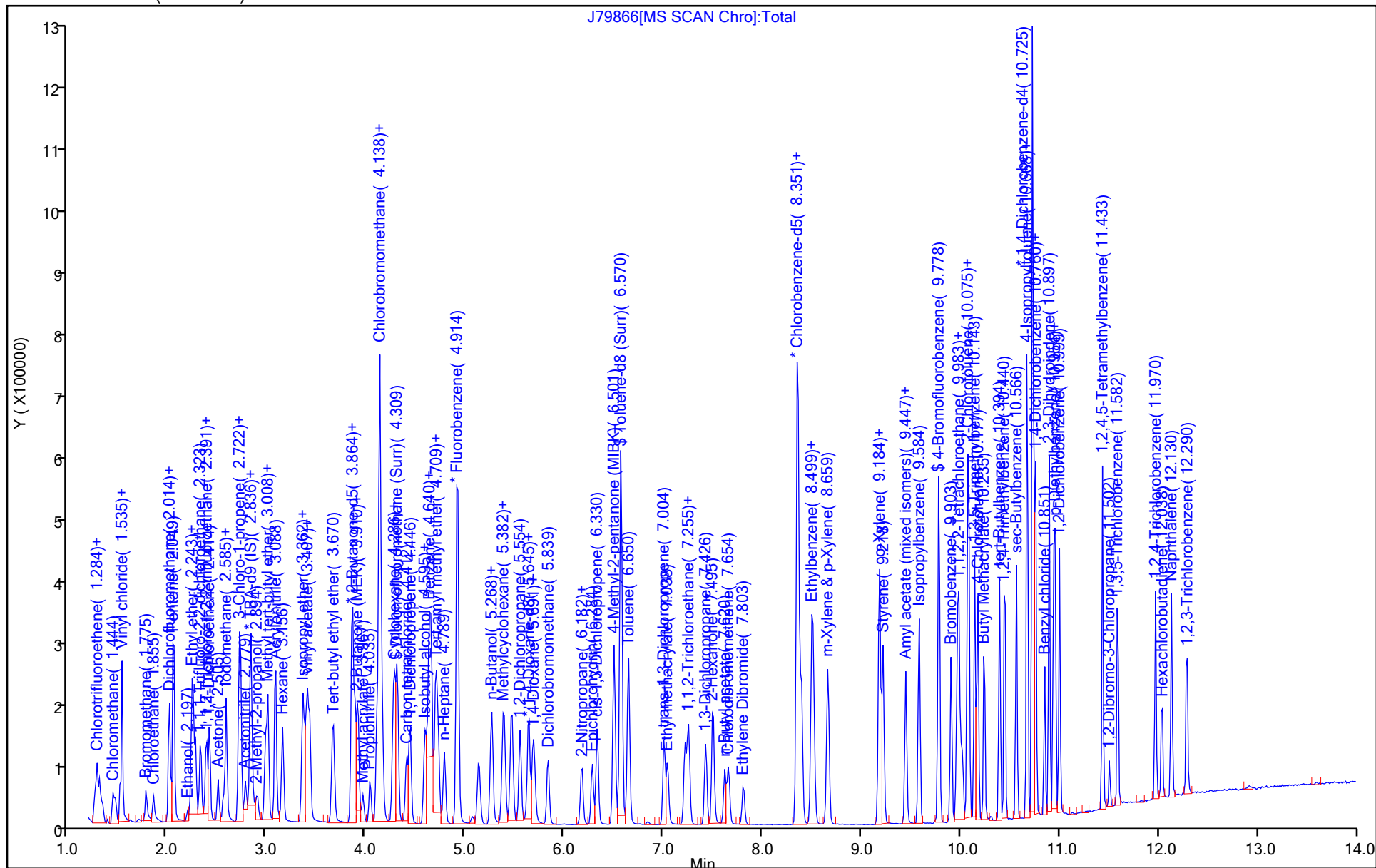
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\J79866.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 09-Sep-2022 18:54:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0150196-004
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220909-150196.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 09-Sep-2022 19:24:24 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1685

First Level Reviewer: HVW2

Date: 09-Sep-2022 19:24:24

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	51.4	102.78
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.4	92.71
\$ 83 Toluene-d8 (Surr)	50.0	48.9	97.88
\$ 105 4-Bromofluorobenzene	50.0	54.8	109.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-264899-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-865576/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>J79898.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>09/10/2022 09:18</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>865576</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.20
75-34-3	1,1-Dichloroethane	18.7		1.0	0.26
75-35-4	1,1-Dichloroethene	19.1		1.0	0.26
107-06-2	1,2-Dichloroethane	19.9		1.0	0.43
78-87-5	1,2-Dichloropropane	18.7		1.0	0.35
78-93-3	2-Butanone (MEK)	105		5.0	1.9
591-78-6	2-Hexanone	99.7		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	103		5.0	1.3
67-64-1	Acetone	92.7		5.0	4.4
71-43-2	Benzene	19.6		1.0	0.20
75-27-4	Bromodichloromethane	19.6		1.0	0.34
75-25-2	Bromoform	22.2		1.0	0.54
74-83-9	Bromomethane	20.1		1.0	0.55
75-15-0	Carbon disulfide	19.5		1.0	0.82
56-23-5	Carbon tetrachloride	20.7		1.0	0.21
108-90-7	Chlorobenzene	20.5		1.0	0.38
74-97-5	Chlorobromomethane	23.2		1.0	0.41
75-00-3	Chloroethane	18.2		1.0	0.32
67-66-3	Chloroform	20.3		1.0	0.33
74-87-3	Chloromethane	15.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.22
100-41-4	Ethylbenzene	19.0		1.0	0.30
75-09-2	Methylene Chloride	19.4		1.0	0.32
100-42-5	Styrene	20.6		1.0	0.42
127-18-4	Tetrachloroethene	22.2		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.22
79-01-6	Trichloroethene	20.4		1.0	0.31
75-01-4	Vinyl chloride	16.2		1.0	0.17
1330-20-7	Xylenes, Total	38.5		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-865576/4
Matrix: Water Lab File ID: J79898.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 09/10/2022 09:18
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 865576 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
2037-26-5	Toluene-d8 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79898.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 10-Sep-2022 09:18:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0150210-004
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:25:42 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:23:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.252	1.252	0.000	95	5730	20.0	25.0	
4 Dichlorodifluoromethane	85	1.275	1.275	0.000	99	52575	20.0	16.3	
5 Chlorodifluoromethane	67	1.309	1.309	0.000	97	9468	20.0	19.3	
6 Chloromethane	50	1.435	1.435	0.000	100	68235	20.0	15.9	
7 Vinyl chloride	62	1.515	1.515	0.000	98	51120	20.0	16.2	
8 Butadiene	54	1.538	1.538	0.000	97	48580	20.0	15.1	
9 Bromomethane	94	1.777	1.778	-0.001	99	28021	20.0	20.1	
10 Chloroethane	64	1.846	1.846	0.000	98	29296	20.0	18.2	
11 Trichlorofluoromethane	101	2.006	2.006	0.000	96	60079	20.0	17.6	
12 Dichlorofluoromethane	67	2.006	2.006	0.000	94	85546	20.0	17.6	
13 Pentane	43	2.051	2.052	-0.001	96	148335	40.0	34.1	
14 Ethanol	46	2.188	2.189	-0.001	97	10376	800.0	1293.7	
15 Ethyl ether	59	2.234	2.234	0.000	94	35445	20.0	18.3	
16 2-Methyl-1,3-butadiene	53	2.246	2.246	0.000	97	41793	20.0	17.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.268	2.268	0.000	98	34054	20.0	22.4	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.325	2.326	-0.001	97	60403	20.0	19.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.383	2.383	0.000	98	40535	20.0	19.6	
19 Acrolein	56	2.383	2.383	0.000	97	10213	40.0	33.5	
21 1,1-Dichloroethene	96	2.417	2.417	0.000	96	36138	20.0	19.1	
22 Acetone	43	2.497	2.497	0.000	85	63448	100.0	92.7	
23 Iodomethane	142	2.554	2.554	0.000	98	50789	20.0	19.6	
24 Carbon disulfide	76	2.577	2.577	0.000	100	149193	20.0	19.5	
25 Isopropyl alcohol	45	2.588	2.588	0.000	97	29492	200.0	298.6	
26 3-Chloro-1-propene	76	2.714	2.714	0.000	87	25346	20.0	18.9	
28 Methyl acetate	43	2.725	2.725	0.000	80	73759	40.0	35.6	
27 Cyclopentene	67	2.725	2.725	0.000	91	105013	20.0	17.6	
29 Acetonitrile	41	2.782	2.771	0.011	99	59143	200.0	196.6	
* 30 TBA-d9 (IS)	65	2.828	2.828	0.000	93	190540	1000.0	1000.0	
31 Methylene Chloride	84	2.828	2.828	0.000	57	47194	20.0	19.4	a
32 2-Methyl-2-propanol	59	2.896	2.896	0.000	98	36015	200.0	261.7	
33 Methyl tert-butyl ether	73	2.976	2.976	0.000	96	114092	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.999	2.999	0.000	99	42934	20.0	19.9	
35 Acrylonitrile	53	3.079	3.079	0.000	93	165759	200.0	194.7	
36 Hexane	57	3.147	3.148	-0.001	93	56007	20.0	17.9	
37 Isopropyl ether	45	3.353	3.353	0.000	98	165731	20.0	17.8	
38 1,1-Dichloroethane	63	3.387	3.387	0.000	99	88439	20.0	18.7	
39 Vinyl acetate	43	3.399	3.399	0.000	100	220648	40.0	39.0	
40 2-Chloro-1,3-butadiene	88	3.421	3.422	-0.001	92	37809	20.0	19.7	
41 Tert-butyl ethyl ether	59	3.661	3.661	0.000	87	134119	20.0	19.3	
42 2,2-Dichloropropane	79	3.855	3.855	0.000	57	22336	20.0	20.4	a
* 43 2-Butanone-d5	46	3.855	3.855	0.000	96	285943	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.878	3.878	0.000	94	49252	20.0	21.3	
46 2-Butanone (MEK)	72	3.912	3.912	0.000	94	21801	100.0	104.8	
45 Ethyl acetate	70	3.912	3.912	0.000	94	9185	40.0	46.0	
47 Methyl acrylate	55	3.958	3.958	0.000	99	39567	20.0	19.1	
48 Propionitrile	54	4.038	4.027	0.011	97	65236	200.0	224.3	
50 Chlorobromomethane	128	4.106	4.107	-0.001	94	25885	20.0	23.2	
49 Tetrahydrofuran	72	4.106	4.107	-0.001	95	9497	40.0	43.3	
51 Methacrylonitrile	67	4.129	4.129	0.000	97	187487	200.0	202.2	
52 Chloroform	83	4.152	4.152	0.000	97	82650	20.0	20.3	
53 Cyclohexane	84	4.266	4.266	0.000	96	59373	20.0	19.8	
54 1,1,1-Trichloroethane	97	4.289	4.289	0.000	98	67058	20.0	21.1	
\$ 55 Dibromofluoromethane (Surr)	113	4.312	4.312	0.000	96	111133	50.0	51.7	
56 Carbon tetrachloride	117	4.403	4.403	0.000	98	57081	20.0	20.7	
57 1,1-Dichloropropene	75	4.438	4.438	0.000	95	60057	20.0	19.0	
58 Isobutyl alcohol	43	4.586	4.586	0.000	94	71950	500.0	627.6	
59 Isooctane	57	4.597	4.597	0.000	92	110611	20.0	19.7	
60 Benzene	78	4.632	4.632	0.000	97	185253	20.0	19.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.654	4.643	0.011	0	130085	50.0	46.3	
63 Tert-amyl methyl ether	55	4.700	4.700	0.000	80	39106	20.0	19.6	
62 Isopropyl acetate	43	4.700	4.700	0.000	92	152655	20.0	19.9	
64 1,2-Dichloroethane	62	4.723	4.723	0.000	97	68912	20.0	19.9	
65 n-Heptane	57	4.780	4.780	0.000	97	23941	20.0	20.0	
* 66 Fluorobenzene	96	4.917	4.917	0.000	98	482026	50.0	50.0	
68 Trichloroethene	95	5.260	5.260	0.000	98	46185	20.0	20.4	
67 n-Butanol	56	5.248	5.260	-0.012	96	25242	500.0	849.2	
69 Methylcyclohexane	83	5.374	5.374	0.000	89	61802	20.0	20.0	
70 Ethyl acrylate	55	5.385	5.385	0.000	98	110282	20.0	19.0	
71 1,2-Dichloropropane	63	5.545	5.545	0.000	89	51302	20.0	18.7	
* 72 1,4-Dioxane-d8	96	5.613	5.625	-0.012	0	27143	1000.0	1000.0	
73 Methyl methacrylate	100	5.636	5.636	0.000	95	19501	40.0	42.7	
75 1,4-Dioxane	88	5.671	5.671	0.000	47	11229	400.0	1040.7	
74 Dibromomethane	93	5.671	5.671	0.000	97	31485	20.0	20.5	
76 n-Propyl acetate	43	5.693	5.693	0.000	98	71854	20.0	18.9	
77 Dichlorobromomethane	83	5.830	5.831	0.000	99	62682	20.0	19.6	
78 2-Nitropropane	41	6.162	6.162	0.000	86	24576	40.0	37.5	
79 2-Chloroethyl vinyl ether	63	6.173	6.173	0.000	74	25590	20.0	17.1	
80 Epichlorohydrin	57	6.276	6.276	0.000	99	79819	400.0	446.1	
81 cis-1,3-Dichloropropene	75	6.321	6.321	0.000	98	77470	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.493	6.493	0.000	98	224392	100.0	102.9	
\$ 83 Toluene-d8 (Surr)	98	6.561	6.561	0.000	99	401689	50.0	48.4	
84 Toluene	91	6.641	6.641	0.000	94	182345	20.0	19.2	
85 trans-1,3-Dichloropropene	75	6.995	6.995	0.000	98	67167	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
86 Ethyl methacrylate	69	7.029	7.029	0.000	95	46537	20.0	18.0	
87 1,1,2-Trichloroethane	83	7.212	7.212	0.000	96	37859	20.0	19.3	
88 Tetrachloroethene	166	7.246	7.246	0.000	97	47514	20.0	22.2	
89 1,3-Dichloropropane	76	7.417	7.417	0.000	98	69977	20.0	18.5	
90 2-Hexanone	58	7.497	7.497	0.000	99	70165	100.0	99.7	
91 n-Butyl acetate	43	7.611	7.612	-0.001	97	73041	20.0	17.6	
92 Chlorodibromomethane	129	7.646	7.646	0.000	97	47727	20.0	20.6	
93 Ethylene Dibromide	107	7.794	7.794	0.000	97	43885	20.0	20.2	
* 94 Chlorobenzene-d5	117	8.354	8.354	0.000	88	380334	50.0	50.0	
95 Chlorobenzene	112	8.388	8.388	0.000	95	125807	20.0	20.5	
96 Ethylbenzene	106	8.491	8.491	0.000	99	59790	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	8.513	8.513	0.000	96	43667	20.0	20.1	
98 m-Xylene & p-Xylene	106	8.650	8.650	0.000	0	72270	20.0	19.1	
99 o-Xylene	106	9.176	9.176	0.000	93	74141	20.0	19.3	
100 n-Butyl acrylate	73	9.176	9.176	0.000	66	29233	20.0	17.4	
101 Styrene	104	9.210	9.210	0.000	95	129381	20.0	20.6	
102 Amyl acetate (mixed isomers)	43	9.438	9.438	0.000	88	80255	20.0	15.3	
103 Bromoform	173	9.438	9.438	0.000	88	33375	20.0	22.2	
104 Isopropylbenzene	105	9.575	9.575	0.000	97	177402	20.0	19.5	
\$ 105 4-Bromofluorobenzene	174	9.781	9.781	0.000	96	141355	50.0	54.5	
106 Bromobenzene	156	9.895	9.895	0.000	96	57307	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	9.952	9.952	0.000	98	58826	20.0	17.9	
108 N-Propylbenzene	91	9.975	9.975	0.000	99	228943	20.0	18.0	
109 1,2,3-Trichloropropane	110	9.998	9.998	0.000	96	14343	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	10.020	10.020	0.000	90	17572	20.0	16.5	
111 2-Chlorotoluene	91	10.066	10.066	0.000	98	164715	20.0	18.3	
112 4-Ethyltoluene	105	10.077	10.078	-0.001	97	195119	20.0	18.9	
113 1,3,5-Trimethylbenzene	105	10.135	10.135	0.000	92	158908	20.0	18.5	
114 4-Chlorotoluene	91	10.169	10.169	0.000	98	163964	20.0	19.4	
115 Butyl Methacrylate	87	10.237	10.237	0.000	98	51973	20.0	14.3	
116 tert-Butylbenzene	119	10.386	10.386	0.000	93	127464	20.0	18.7	
117 1,2,4-Trimethylbenzene	105	10.443	10.443	0.000	98	170279	20.0	19.0	
118 sec-Butylbenzene	105	10.557	10.557	0.000	99	187776	20.0	18.6	
120 1,3-Dichlorobenzene	146	10.671	10.671	0.000	78	105038	20.0	20.6	
119 4-Isopropyltoluene	119	10.671	10.671	0.000	98	163040	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	10.717	10.717	0.000	97	226613	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.740	10.740	0.000	96	107590	20.0	20.2	
123 1,2,3-Trimethylbenzene	105	10.751	10.751	0.000	99	182466	20.0	18.8	
124 Benzyl chloride	91	10.842	10.842	0.000	98	104377	20.0	19.1	
125 2,3-Dihydroindene	117	10.888	10.888	0.000	95	181848	20.0	19.6	
126 p-Diethylbenzene	119	10.934	10.934	0.000	93	87987	20.0	19.8	
127 n-Butylbenzene	92	10.957	10.957	0.000	98	85190	20.0	18.7	
128 1,2-Dichlorobenzene	146	10.991	10.991	0.000	96	103867	20.0	20.6	
129 1,2,4,5-Tetramethylbenzene	119	11.425	11.425	0.000	98	160309	20.0	18.5	
130 1,2-Dibromo-3-Chloropropane	157	11.505	11.505	0.000	93	12675	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	11.584	11.585	-0.001	97	77029	20.0	20.7	
132 1,2,4-Trichlorobenzene	180	11.961	11.961	0.000	93	73135	20.0	22.5	
133 Hexachlorobutadiene	225	12.030	12.030	0.000	96	25622	20.0	23.0	
134 Naphthalene	128	12.121	12.121	0.000	99	173050	20.0	20.4	
135 1,2,3-Trichlorobenzene	180	12.281	12.281	0.000	96	67804	20.0	22.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 137 Xylenes, Total	100				0		40.0	38.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 138 Total BTEX

1

0

100.0

96.3

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00158

Amount Added: 20.00

Units: uL

524freon_00056

Amount Added: 20.00

Units: uL

GASES Li_00493

Amount Added: 20.00

Units: uL

ACROLEIN W_00143

Amount Added: 4.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00232

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79898.D

Injection Date: 10-Sep-2022 09:18:30

Instrument ID: CVOAMS8

Lims ID: LCSD

Operator ID:

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

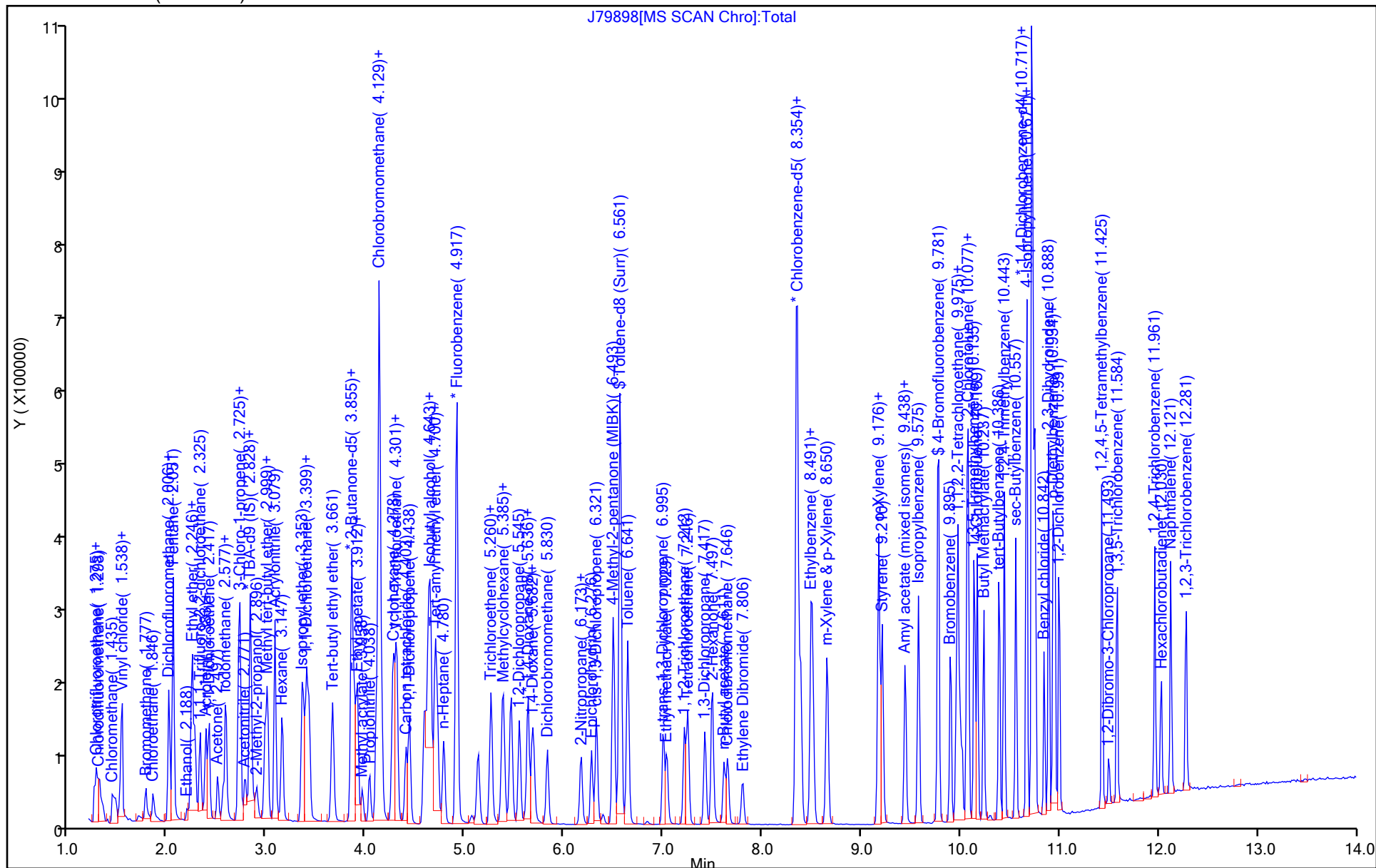
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79898.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 10-Sep-2022 09:18:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0150210-004
 Operator ID: Instrument ID: CVOAMS8
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\8260_W8.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 11-Sep-2022 15:25:42 Calib Date: 31-Aug-2022 15:27:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20220831-149864.b\J79484.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1625

First Level Reviewer: RD6L

Date: 10-Sep-2022 13:23:31

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	51.7	103.42
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.3	92.63
\$ 83 Toluene-d8 (Surr)	50.0	48.4	96.84
\$ 105 4-Bromofluorobenzene	50.0	54.5	109.07

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20220910-150210.b\J79898.D

Injection Date: 10-Sep-2022 09:18:30

Instrument ID: CVOAMS8

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_W8

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

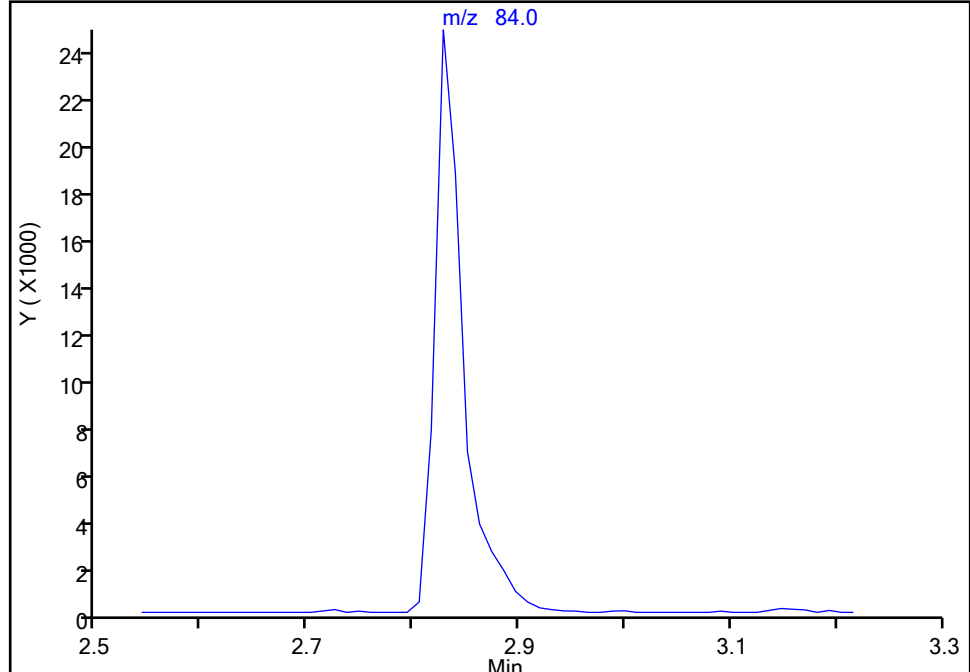
31 Methylene Chloride, CAS: 75-09-2

Signal: 1

Not Detected

Expected RT: 2.83

Processing Integration Results



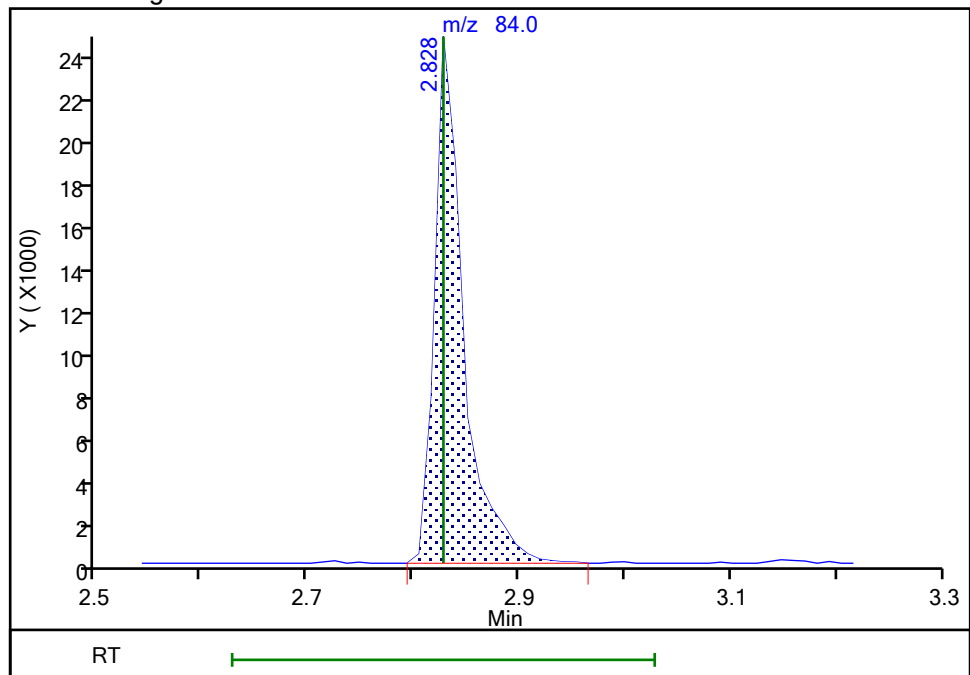
RT: 2.83

Area: 47194

Amount: 19.364859

Amount Units: ug/l

Manual Integration Results



Reviewer: RD6L, 10-Sep-2022 09:54:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Instrument ID: CVOAMS8 Start Date: 08/31/2022 12:09Analysis Batch Number: 864088 End Date: 08/31/2022 18:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-864088/1		08/31/2022 12:09	1	J79476.D	Rtx-624 0.25 (mm)
STD7 460-864088/3 IC		08/31/2022 12:56	1	J79478.D	Rtx-624 0.25 (mm)
STD1 460-864088/4 IC		08/31/2022 13:22	1	J79479.D	Rtx-624 0.25 (mm)
STD5 460-864088/5 IC		08/31/2022 13:47	1	J79480.D	Rtx-624 0.25 (mm)
STD20 460-864088/6 ICIS		08/31/2022 14:12	1	J79481.D	Rtx-624 0.25 (mm)
STD50 460-864088/7 IC		08/31/2022 14:37	1	J79482.D	Rtx-624 0.25 (mm)
STD200 460-864088/8 IC		08/31/2022 15:02	1	J79483.D	Rtx-624 0.25 (mm)
STD500 460-864088/9 IC		08/31/2022 15:27	1	J79484.D	Rtx-624 0.25 (mm)
ICV 460-864088/17		08/31/2022 18:48	1	J79492.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins EdisonJob No.: 460-264899-1

SDG No.: _____

Instrument ID: CVOAMS8Start Date: 09/09/2022 18:04Analysis Batch Number: 865501End Date: 09/10/2022 05:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-865501/2		09/09/2022 18:04	1	J79864.D	Rtx-624 0.25 (mm)
LCS 460-865501/3		09/09/2022 18:29	1	J79865.D	Rtx-624 0.25 (mm)
LCSD 460-865501/4		09/09/2022 18:54	1	J79866.D	Rtx-624 0.25 (mm)
MB 460-865501/8		09/09/2022 20:34	1	J79870.D	Rtx-624 0.25 (mm)
ZZZZZ		09/09/2022 21:05	1		Rtx-624 0.25 (mm)
ZZZZZ		09/09/2022 21:30	1		Rtx-624 0.25 (mm)
ZZZZZ		09/09/2022 21:57	1		Rtx-624 0.25 (mm)
ZZZZZ		09/09/2022 22:22	1		Rtx-624 0.25 (mm)
460-264899-7	TRIP BLANK	09/09/2022 22:47	1	J79875.D	Rtx-624 0.25 (mm)
460-264899-5	EB02-090122	09/09/2022 23:12	1	J79876.D	Rtx-624 0.25 (mm)
ZZZZZ		09/09/2022 23:37	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 00:27	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 00:52	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 01:17	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 01:43	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 02:08	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 02:33	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 02:58	1		Rtx-624 0.25 (mm)
460-264899-1	FSMW4A-083122	09/10/2022 03:23	1	J79886.D	Rtx-624 0.25 (mm)
460-264899-2	DUP02-083122	09/10/2022 03:48	1	J79887.D	Rtx-624 0.25 (mm)
460-264899-3	FSMW1A-083122	09/10/2022 04:13	1	J79888.D	Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 04:38	2		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 05:27	5		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Instrument ID: CVOAMS8 Start Date: 09/10/2022 08:14

Analysis Batch Number: 865576 End Date: 09/10/2022 19:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/10/2022 08:14	1		Rtx-624 0.25 (mm)
CCVIS 460-865576/2		09/10/2022 08:27	1	J79896.D	Rtx-624 0.25 (mm)
LCS 460-865576/3		09/10/2022 08:53	1	J79897.D	Rtx-624 0.25 (mm)
LCSD 460-865576/4		09/10/2022 09:18	1	J79898.D	Rtx-624 0.25 (mm)
MB 460-865576/8		09/10/2022 10:58	1	J79902.D	Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 11:23	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 11:48	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 12:13	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 12:38	1		Rtx-624 0.25 (mm)
460-264899-4	LFR1-090122	09/10/2022 13:03	1	J79907.D	Rtx-624 0.25 (mm)
460-264899-6	FSMW3A-090122	09/10/2022 13:28	1	J79908.D	Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 14:18	2		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 14:43	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 15:08	1		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 15:33	250		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 15:58	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 16:23	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 16:48	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 17:13	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 17:38	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 18:03	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 18:28	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 18:53	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 19:18	10		Rtx-624 0.25 (mm)
ZZZZZ		09/10/2022 19:43	10		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Batch Number: 864088 Batch Start Date: 08/31/22 12:09 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00145	524freon 00056	8260 SP 00157	8260ISNEW 00171
BFB 460-864088/1		8260D		5 mL	5 mL				
STD7 460-864088/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-864088/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-864088/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-864088/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-864088/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-864088/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-864088/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-864088/17		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00158	8260SURR250 00232	8FreonHi 00048	8FreonsSS 00048	ACROLEIN SP 00141	ACROLEIN W 00143
BFB 460-864088/1		8260D							
STD7 460-864088/3 IC		8260D			1 uL				
STD1 460-864088/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-864088/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-864088/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-864088/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-864088/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-864088/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-864088/17		8260D			1 uL		20 uL	4 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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Batch Number: 864088 Batch Start Date: 08/31/22 12:09 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00103	BFB 00032	Ethanol mix 00068	GAS C SP 00477	GAS Hi 00423	GASES Li 00491
BFB 460-864088/1		8260D			1 uL				
STD7 460-864088/3 IC		8260D		20 uL					2.5 uL
STD1 460-864088/4 IC		8260D							10 uL
STD5 460-864088/5 IC		8260D							10 uL
STD20 460-864088/6 ICIS		8260D							20 uL
STD50 460-864088/7 IC		8260D							50 uL
STD200 460-864088/8 IC		8260D				20 uL		20 uL	
STD500 460-864088/9 IC		8260D				50 uL		50 uL	
ICV 460-864088/17		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00127	MIX I Hi 00154				
BFB 460-864088/1		8260D							
STD7 460-864088/3 IC		8260D							
STD1 460-864088/4 IC		8260D							
STD5 460-864088/5 IC		8260D							
STD20 460-864088/6 ICIS		8260D							
STD50 460-864088/7 IC		8260D							
STD200 460-864088/8 IC		8260D		20 uL	20 uL				
STD500 460-864088/9 IC		8260D		50 uL	50 uL				
ICV 460-864088/17		8260D							

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.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Batch Number: 864088 Batch Start Date: 08/31/22 12:09 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description

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.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Batch Number: 865501 Batch Start Date: 09/09/22 18:04 Batch Analyst: Starzec, MargaretBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00056	8260ISNEW 00171	8260MIX1COMB 00158
CCVIS 460-865501/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-865501/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-865501/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-865501/8		8260D		5 mL	5 mL			1 uL	
460-264899-A-7	TRIP BLANK	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264899-A-5	EB02-090122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264899-A-1	FSMW4A-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264899-A-2	DUP02-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264899-A-3	FSMW1A-083122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURRE250 00232	ACROLEIN W 00143	GASES Li 00492			
CCVIS 460-865501/2		8260D		1 uL	4 uL	20 uL			
LCS 460-865501/3		8260D		1 uL	4 uL	20 uL			
LCSD 460-865501/4		8260D		1 uL	4 uL	20 uL			
MB 460-865501/8		8260D		1 uL					
460-264899-A-7	TRIP BLANK	8260D	T	1 uL					
460-264899-A-5	EB02-090122	8260D	T	1 uL					
460-264899-A-1	FSMW4A-083122	8260D	T	1 uL					
460-264899-A-2	DUP02-083122	8260D	T	1 uL					
460-264899-A-3	FSMW1A-083122	8260D	T	1 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.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-264899-1

SDG No.: _____

Batch Number: 865576 Batch Start Date: 09/10/22 08:14 Batch Analyst: Starzec, MargaretBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00056	8260ISNEW 00171	8260MIX1COMB 00158
CCVIS 460-865576/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-865576/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-865576/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-865576/8		8260D		5 mL	5 mL			1 uL	
460-264899-B-4	LFR1-090122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-264899-A-6	FSMW3A-090122	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00232	ACROLEIN W 00143	GASES Li 00493			
CCVIS 460-865576/2		8260D		1 uL	4 uL	20 uL			
LCS 460-865576/3		8260D		1 uL	4 uL	20 uL			
LCSD 460-865576/4		8260D		1 uL	4 uL	20 uL			
MB 460-865576/8		8260D		1 uL					
460-264899-B-4	LFR1-090122	8260D	T	1 uL					
460-264899-A-6	FSMW3A-090122	8260D	T	1 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.

8260D

Page 1 of 1

Shipping and Receiving Documents

Number of Coolers:

IR Gun #

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	32	20	Cooler #4:	7	7
Cooler #2:	7	7	Cooler #5:	7	7
Cooler #3:	7	7	Cooler #6:	7	7
			Cooler #7:	7	7
			Cooler #8:	7	7
			Cooler #9:	7	7

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: EnSafe, Inc.

Job Number: 460-264899-1

Login Number: 264899

List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

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	