PERIODIC REVIEW REPORT #9
For
January 30, 2024 Through January 30, 2025

BROWNFIELD CLEANUP PROGRAM

River Park Commons – Townhouses Site
(Currently referred to as the Erie Harbor Site)
205 – 405 Mt. Hope Avenue
Rochester, New York, 14620
NYSDEC Site #C828125

I. Introduction

A. Executive Summary

- Between the mid-1970s and 2009, the Site was developed with five apartment buildings. Prior to the mid-1970s, the Site was historically used as a warehouse, feeder canal for the Erie Canal, rail yards, a workshop, auto repair, car sales, a wagon shop, iron cutting, a brick storage yard, a tannery, and a coal yard. In 2009, the apartment buildings were demolished. Subsequently, the Site was redeveloped with nine new restricted residential buildings (one apartment building, seven townhouse buildings, and one community building).

- Types of contamination at the Site that were identified to require remediation included:
  - Polychlorinated biphenyls (PCB) at some transformer locations;
  - Polyaromatic hydrocarbon (PAH) semi-volatile organic compounds (SVOCs) in topsoil across the Site;
  - PAH SVOCs in an area of subsurface fill material on the central portion of the Site;
  - Petroleum-related volatile organic compounds (VOCs) and SVOCs in subsurface soil and groundwater on the southeastern portion of the Site; and
  - VOCs trichloroethene (TCE) and dichlorodifluoromethane in groundwater and soil gas on the central portion of the Site.

- Remedial actions were performed at the Site in accordance with a New York State Department of Environmental Conservation (NYSDEC)-approved Interim Remedial Measure Work Plan (IRM Work Plan) and a NYSDEC-approved Remedial Work Plan (RWP). Remedial actions taken included:
  - Removal of PCB transformers and PCB-contaminated building materials and soil.
  - Removal of contaminated topsoil across the Site;
  - Removal of areas of contaminated subsurface soil and fill;
  - Supplemental in-situ remediation of a subsurface petroleum-contaminated area;

- Off-site disposal of excess soil and urban fill;
- Execution and recording of an Environmental Easement;
- Development and implementation of a Site Management Plan (SMP); and
- Design, installation, operation and monitoring of engineering controls (sub-slab depressurization systems or SSDS) on Buildings #3 and #4.

B. Effectiveness of the Remedial Program

1. Progress made during the reporting period toward meeting the remedial objectives for the Site included: continued operation and monitoring of the SSDS located in Buildings #3 and #4; and continued groundwater monitoring.
2. The work completed to date shows that the remedial program has the ability to achieve the remedial objectives for the Site.

C. Compliance

1. There are no areas of non-compliance with the SMP as modified with NYSDEC approval.
2. As such, no steps were needed to correct areas of non-compliance.

D. Recommendations

1. The SMP dated August 22, 2024 is being revised to address comments received from the NYSDEC in a letter dated January 23, 2025.
2. No change to the frequency of Periodic Review Report (PRR) submittals is recommended at this time.
3. Since residual contamination remains on the Site, it is recommended that SMP requirements continue to be implemented.

II. Site Overview

A. The site is an approximately 6.016-acre area bounded by a residential apartment building to the north, City of Rochester parkland to the south, Mt. Hope Avenue with mixed residential and commercial properties beyond to the east, and City of Rochester parkland with the Genesee River beyond to the west (see Figure 1 in Attachment A). The Site has been redeveloped with an apartment building, seven townhouse buildings, a community center, and other associated site improvements (e.g., sidewalks, parking lots, landscaping, etc.).

Prior to remediation, contamination at the Site consisted of the following:

- Four PCB-transformer areas, including PCB-impacted building materials and soil beneath some of the transformers.
- An approximate 0.5-foot-thick layer of PAH SVOC-impacted surface soil (i.e., topsoil) on green areas totaling over approximately 81,000 square feet across the Site.
- Subsurface petroleum-contaminated soil over an approximate 3,100 square foot area located on the southeast portion of the Site. An abandoned underground storage tank was also present in this area.

- Subsurface fill material containing PAH SVOCs over an approximate 1,900 square foot area located on the central portion of the Site.
- Soil vapor and groundwater containing chlorinated VOCs over an approximate 44,000 square foot area on the central portion of the Site.

B. Chronology

The site was remediated in accordance with the NYSDEC approved IRM Work Plan dated January 27, 2009, the NYSDEC-approved RWP dated March 2009, and an Addendum to the March 2009 RWP dated July 30, 2009. A chronology of the Remedial Actions performed at the Site is summarized below:

- Between May 2009 and March 2010, the PCB transformers, their contents, and PCB-contaminated building material and soil were removed and disposed off-site.
- Between May 2009 and March 2010, surface soil (topsoil) was removed and disposed off-site.
- In March 2010, the area of subsurface fill impacted with PAH SVOCs on the central portion of the Site was removed and disposed off-site.
- In March 2010, the area of subsurface petroleum-impacted soil and the abandoned underground storage tank on the southeast portion of the Site were removed and disposed off-site. In addition, chemical oxidation and bioremediation products were placed in the excavation prior to backfilling.
- In May 2010, in-situ chemical oxidation and bioremediation products were injected at select vertical borings located in proximity to, and outside the limits of, the former subsurface petroleum-impacted soil excavation located on the southeast portion of the Site.
- In August 2010, a SMP was finalized and approved by the NYSDEC for long term management of remaining contamination, which includes plans for: (1) institutional and engineering controls, (2) site monitoring, (3) operation and maintenance and (4) reporting.
- In September 2010, an Environmental Easement was executed and recorded to restrict land use and prevent future exposure to contamination remaining at the Site.
- Between February 2011 and April 2012, SSDS engineering controls for Buildings #3 and #4 on the central portion of the Site were designed, installed, started up, put into continuous operation, and underwent initial monitoring. The SSDS engineering controls continue to operate.
- In February 2018, a revised version of the SMP was submitted to the NYSDEC to incorporate the installation of SSDS at Buildings #3 and #4; modifications to the monitoring well field and groundwater monitoring program, and a laboratory name change.
- In August 2024, a revised version of the SMP was submitted to the NYSDEC to update the groundwater sampling frequency, update information pertaining to the new NYSDEC Project Manager, and incorporate updates made to the October 2023 SMP template.

- In January 2025, the NYSDEC provided a response letter with comments concerning the August 2024 revised SMP. The SMP is being further revised to address the comments. A revised SMP will be submitted to the NYSDEC by April 23, 2025.

Cleanup goals for groundwater are NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Groundwater Standards and Guidance Values.

Cleanup or on-site re-use goals for soil are NYSDEC Part 375 Track 2 Restricted Residential Use Soil Cleanup Objectives (SCOs) and Protection of Groundwater SCOs.

III. Evaluation of Remedy Performance, Effectiveness and Protectiveness

A. Effectiveness of Remedies

As documented in the Final Engineering Report (FER) dated September 2010, soil and fill removals and the chemical oxidation and bioremediation were effective at remediating soil and fill to levels that meet applicable SCOs, and significantly reducing VOC concentrations in groundwater.

The results of a July 2024 groundwater monitoring event continue to show that VOC concentrations in groundwater remain low with respect to pre-remediation concentrations. Documentation concerning the above-referenced groundwater monitoring event is included as a Data Package in Attachment A. The Data Package includes figures, cumulative data tables, an ASP Category B laboratory report and a Data Usability Summary Report. [Note: The findings of Data usability Summary Reports on the October 2021 data, the October 2022 data and the July 2024 data are incorporated into the results presented on Table 2 of the Data Package.]

- As shown on tables included in the Data Package, VOC concentrations have decreased with respect to pre-remediation concentrations. The highest VOC concentration (i.e., 4.5 ug/l) was at well DAYMW-10 on the central portion of the Site. The VOC Trichloroethene (TCE) was detected at 4.5 ug/l at this well location. TCE was also detected at well DAYMW-05A on the central portion of the Site at a concentration of 0.79 ug/l. The TCE in the groundwater samples on this portion of the Site may be attributable to an off-site source.

It is anticipated that the contaminant concentrations in groundwater at the Site will continue to decrease as a result of natural attenuation.

SSDS engineering controls were installed on Buildings #3 and #4. SSDS monitoring and inspection was completed in July 2024, and are documented on a Site-Wide Inspection Form included in Attachment B. As shown, the monitoring demonstrates that the SSDS on Buildings #3 and #4 continue to create negative SSDS pressure relative to the interior air pressure of the two buildings.

Based on the performance monitoring to date, the remedy is shown to be effective at achieving the remedial goals for this Track 4 Site.

IV. IC/EC Compliance Report

A. IC/EC Requirements/Compliance

1. A description of each control, its objective, and how performance of the control is evaluated is provided below:

   - Site Management Plan: The objective of the SMP is to manage remaining contamination above regulatory criteria in a manner that is protective of human health and the environment. The SMP includes an Institutional and Engineering Control (IC/EC) Plan, a Site Monitoring Plan, and an Operation and Maintenance Plan. The performance of the controls is evaluated through monitoring and periodic certification. Controls on the Site include:

     - Management of soil and historic fill material during future activities that would penetrate, encounter, or disturb remaining contamination needs to be conducted in accordance with provisions of the SMP, including the Excavation Work Plan (EWP);
     - A requirement for evaluating the need to address the potential for soil vapor intrusion on new structures, and designing and implementing engineering controls for those structures to address soil vapor intrusion, if deemed warranted;
     - Requirements for operation, maintenance and monitoring of the engineering controls (e.g., SSDS on Buildings #3 and #4);
     - Requirements for inspections and notifications for various reasons associated with Site conditions, change in use, change in ownership, etc.
     - Requirements for Monitored Natural Attenuation groundwater sampling and analysis.

   - Environmental Easement: Restricts use of property; restricts use of groundwater; requires implementation of the SMP; prohibits vegetable gardens and farming; requires evaluation of soil vapor intrusion on new buildings, and mitigation, if needed on a portion of the Site; requires operating, maintaining and inspecting any engineering controls; requires groundwater and other environmental and public health monitoring; requires monitoring, maintaining and replacing groundwater wells as necessary as set forth in the SMP; requires reporting of SMP data and information; requires implementation of the SMP for activities that would disturb remaining contaminated media; and requires monitoring to assess the performance and effectiveness of the remedy. The performance of each control is evaluated through periodic certification.

2. Status

   Each control is fully in place, is being adhered to, and is effective.

3. Corrective Measures

   None Required.

4. Conclusions and Recommendations for Changes

The controls are effective at protecting human health and the environment from, and proper management of, residual contaminants at the Site. No changes are recommended at this time.

B. Certification

Certification included as Attachment C.

V. Monitoring Plan Compliance Report

A. Components

- Groundwater Monitoring Plan: The SMP (revised August 22, 2024) identifies annual groundwater monitoring for the Site using the current field of five groundwater monitoring wells (i.e., MW-05, DAYMW-05A, DAYMW-08, DAYMW-09A and DAYMW-10). The groundwater monitoring frequency and scope can be modified with NYSDEC approval. This plan also covers monitoring well repairs, replacement, and decommissioning.
- Excavation Work Plan: An Excavation Work Plan (EWP) is included as part of the SMP for management of soil and historic fill material that may contain residual contamination at the Site.
- Site-Wide Inspection: Site-wide inspections are required at least yearly and also after severe weather conditions that may affect engineering controls or monitoring devices.

B. Summary of Monitoring Completed

- Groundwater Monitoring Plan: During the reporting period, a groundwater monitoring event was completed in July 2024. This groundwater monitoring event included obtaining static water levels and groundwater samples from the five wells followed by laboratory analysis of the groundwater samples for VOCs. A copy of the Data Package for this groundwater monitoring event is included in Attachment A.
- Excavation Work Plan: No activities were performed during the reporting period in relation to requirements of the EWP.
- Site-Wide Inspection: An annual site-wide inspection was completed in July 2024. A copy of the corresponding Site-Wide Inspection Form is included in Attachment B.

C. Comparison with Remedial Objectives

- Groundwater Monitoring Plan: The results of the groundwater monitoring completed in July 2024 show contaminant concentrations at monitoring wells are steady state or continue to generally decrease, and there were not exceedances of a NYSDEC TOGS 1.1.1 groundwater standards or guidance values. In addition, previous remedial actions have resulted in significantly lower post-remediation concentrations on the southeast portion of the site (i.e., area represented by well DAYMW-09A).
- Excavation Work Plan: Not applicable since no activities were performed during the reporting period in relation to requirements of the EWP.

- Site-Wide Inspection: As a result of the site-wide inspection, the wells were confirmed in good condition. Also, the SSDS in Building #3 and #4 were documented as maintained and operating with adequate sub-slab negative pressures.

D. Monitoring Deficiencies

There are no monitoring deficiencies.

E. Conclusions and Recommendations for Changes

- Groundwater Monitoring Plan: The groundwater monitoring completed during the reporting period shows contaminant concentrations at monitoring wells are steady state or continue to generally decrease. No detected VOCs exceeded respective NYSDEC TOGS 1.1.1 groundwater standards or guidance values. This residual VOC contamination in groundwater is controlled by engineering controls and/or institutional controls. In accordance with the requirement outlined in the NYSDEC letter dated May 10, 2024, it is recommended that at least one additional bi-annual (every two year) round of groundwater sampling and analysis be completed, and that this round be completed during the January 30, 2026 and January 30, 2027 certification period.
- Excavation Work Plan: No changes to the EWP are recommended.
- Site-Wide Inspection: The site-wide inspection was successful in documenting the condition of the existing monitoring wells, and documenting satisfactory performance of the SSDS on Buildings #3 and #4. No changes to the site-wide inspection are recommended.

VI. Operation & Maintenance (O&M) Plan Compliance Report

A. Components of O&M Plan: Components include evaluation of the need for a soil vapor intrusion system on future buildings to be constructed on the central portion of the Site. No new buildings were proposed or constructed during the reporting period. As previously identified in this PRR, Buildings #3 and #4 are equipped with SSDS, and routine monitoring is conducted as part of the annual site-wide inspection. In addition, non-routine reporting and maintenance reports can be prepared, when deemed necessary.

B. O&M Completed During the Reporting Period: On July 10, 2024, the in-line fan on the SSDS at Building #3 and Building #4 were documented as operating, the alarm systems were tested, and associated sub-slab vacuum monitoring points were monitored.

C. Evaluation of Remedial Systems: Based on O&M activities completed, the SSDS on Buildings #3 and #4 are performing as designed/expected.

D. O&M Deficiencies: No deficiencies were identified in complying with the O&M plan during the PRR reporting period.

E. Conclusions and Recommendations for Improvements: O&M monitoring and maintenance were completed successfully in accordance with the SMP. No problems with SSDS were identified, and no improvements requiring changes to the O&M Plan are suggested.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP

1. The requirements of the following plans were met during the reporting period:
   - IC/EC requirements.
   - Monitoring Plan requirements.
   - O&M requirements.
2. Identify any requirements not met: Not applicable.
3. Identify any proposed plans and a schedule for coming into full compliance: Not applicable.

B. Performance and Effectiveness of Remedy: An evaluation of the components of the SMP during this reporting period indicated that: the IC/EC controls were protective of human health and the environment; the monitoring plan sufficiently monitored the performance of the remedy; the O&M Plan is sufficiently maintaining the SSDS installed in Buildings #3 and #4; and the remedial program is achieving the remedial objectives for the Site.

C. Future PRR submittals:

1. PRRs will continue to be submitted annually unless otherwise instructed by the NYSDEC.
2. Since residual contaminants remain at the Site, it is recommended that related aspects of the SMP (as modified with NYSDEC approval) continue to be implemented at this Site.

Attachment A

Groundwater Data Package

DATA PACKAGE

JULY 2024 GROUNDWATER MONITORING EVENT

ERIE HARBOR SITE
(FORMERLY RIVER PARK COMMONS - TOWNHOUSES)
205-405 MT. HOPE AVENUE, ROCHESTER, NEW YORK

NYSDEC SITE #C828125

Prepared For: Erie Harbor, LLC
1000 University Avenue, Suite 500
Rochester, New York 14607

Prepared By: Day Environmental, Inc.
1563 Lyell Avenue
Rochester, New York 14606

Project No.: 4155R-09

Date: December 2024

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1.0 DATA PACKAGE SUMMARY

The subject property is located at 205-405 Mt. Hope Avenue, City of Rochester, County of Monroe, New York (Site). A Project Locus Map is included as Figure 1. This Site consists of approximately 6.016 acres that is improved with eight residential apartment and townhouse buildings, one clubhouse building, and associated improvements.

In accordance with provisions of a revised Site Management Plan (SMP) dated February 2018 and a NYSDEC letter dated May 10, 2024, a groundwater monitoring event was completed between July 10, 2024 and July 24, 2024 using on-site monitoring wells MW-5, DAYMW-05A, DAYMW-08, DAYMW-09A and DAYMW-10. Static water level measurements collected from these wells on July 10, 2024 were used to calculate groundwater elevations, and this information is summarized on Table 1. A Potentiometric Groundwater Contour Map for July 10, 2024, which also shows the locations of the five on-site wells, is included as Figure 2. On July 10, 2024, a passive diffusion bag sampler (PDB) filled with deionized water from the laboratory was deployed at each of the five wells. The center point of PDBs installed at MW-5, DAYMW-05A, DAYMW-08, DAYMW-09A and DAYMW-10 were set at depths of 12.0 ft., 13.0 ft., 12.0 ft., 15.0 ft., and 12.0 ft., respectively. The PDBs were retrieved from each well on July 24, 2024, and laboratory samples were collected from each PDB.

The groundwater samples were delivered under chain-of-custody control to ALS Environmental (ALS) located in Rochester, New York. ALS is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory.

The following testing program was completed by ALS on the field samples:

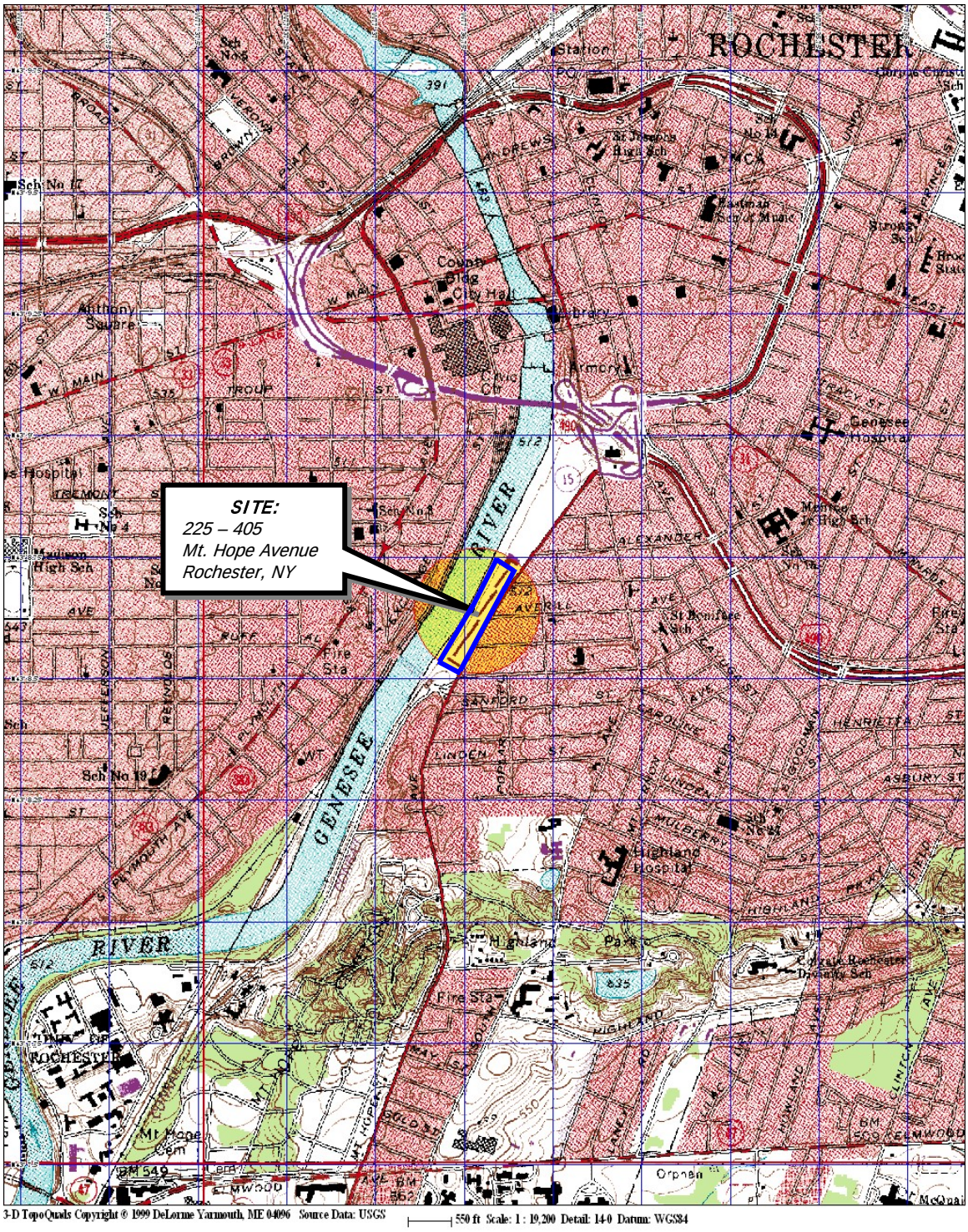
- Samples 174-MW-05, 175-DAYMW-05A, 176-DAYMW-08, 177-DAYMW-09A, and 178-DAYMW-10 and were analyzed for target compound list (TCL) volatile organic compounds (VOCs) and tentatively identified compounds (TICs) using Method 8260.

The following quality assurance/quality control (QA/QC) testing program was completed by ALS:

- A matrix spike/matrix spike duplicate (MS/MSD) was performed on sample 176-DAYMW-08 for TCL VOCs and TICs using Method 8260.
- Equipment Blank (equipment rinsate) Sample 179-EB072424 was analyzed for TCL VOCs and TICs using Method 8260.
- Trip Blank Sample 180-TB072424 was analyzed for TCL VOCs and TICs using Method 8260.

The ALS Category B deliverables laboratory report is included in Appendix A. A Data Usability Summary Report completed on the ALS laboratory report by Vali-Data of WNY, LLC is included in Appendix B. Table 2 provides a summary of cumulative detected TCL VOCs and TICs results for groundwater samples, including the validated July 2024 sample results, validated October 2022 sample results, validated October 2021 sample results, and earlier sample results. Table 2 also provides a comparison of the results to available groundwater standards and guidance values referenced in the NYSDEC document titled "Technical and Operational Guidance Series (TOGS 1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" dated June 1998, as amended by supplemental tables dated April 2000 and June 2004.

FIGURES



Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad maps Rochester East (NY) 1995 and Rochester West (NY) 1995. Site Lat/Long: N43d-8.65' – W77d-36.70'

DATE **01-19-2009** DRAWN BY **CPS** SCALE **1" = 2000'**	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14623-2700	PROJECT TITLE **225 - 405 MT. HOPE AVENUE** **ROCHESTER, NY** **BROWNFIELD CLEANUP PROGRAM** DRAWING TITLE **PROJECT LOCUS MAP**	PROJECT NO. **4155R-09** **FIGURE 1**

Legend

- Monitoring well with groundwater elevation measured on July 10, 2024
- Groundwater contour
- Inferred groundwater flow
- Property Line

N

BUILDING #1 MIDRISE

BUILDING #2

BUILDING #3

BUILDING #4

BUILDING #5

BUILDING #6

BUILDING #7

BUILDING #8

#9

505.5

505

504.5

504

503.5

DAYMW-10
503.11 ft

DAYMW-05A
503.44 ft

MW-05
504.85 ft

DAYMW-08
505.79 ft

DAYMW-09A
504.00 ft

MT. HOPE AVENUE

AVERILL AVE

HAMILTON ST

NOTES:

Site plan generated from GIS Data provided by the City of Rochester, Dated 2008.

Building plan provided by Passero Associates entitled"Overall Plan," dated June 2009, revised through May 2, 2010

Monitoring well locations tape-measured in the field in relation to existing site structures and should be considered accurate to the degree implied by the method used.

0 50 100 200 Feet

PROJECT MANAGER	JAD
DATE	07-2024
DATE DRAWN	07-2024
DRAWN	CPS
SCALE	AS NOTED
DATE ISSUED	07-25-2024

DAY ENVIRONMENTAL, INC.
Environmental Consultants
Rochester, New York 14606

Project Title
205-405 MT HOPE AVENUE
ROCHESTER, NEW YORK

BROWNFIELD CLEANUP PROGRAM

Drawing Title
Potentiometric Groundwater Contour Map for July 10, 2024

Project No.
4155R-09

FIGURE 2

Last Date Saved: 7/25/2024 1:35 PM Document Path: E:\GIS Mapping\Erie Harbor\4155R-09\ErieHarbor - GW Mapping\ErieHarbor - GW Mapping.aprx

TABLES

Table 1

Erie Harbor Site
(Former River Park Commons - Townhouses)
205-405 Mt. Hope Avenue, Rochester, New York

Groundwater Elevation Data for July 10, 2024

Well ID	Elevation of PVC Well Casing (FT)	Static Water Level (SWL) Measurement (FT)	Groundwater Elevation (FT)
MW-05	512.22	7.37	504.85
DAYMW-05A	513.14	9.70	503.44
DAYMW-08	513.00	7.21	505.79
DAYMW-09A	514.62	10.62	504.00
DAYMW-10	513.89	10.78	503.11

Note: The oil/water interface probe did not detect light non-aqueous phase liquid (LNAPL) at the well locations during collection of static water level measurements

Table 2
Erie Harbor Site (Former River Park Commons - Townhouses)
NYSDEC Site #C828125

Cumulative Detected VOCs in ug/l or Parts Per Billion (ppb)

Groundwater Samples

Detected Compound	Groundwater Standard or Guidance Value (1)	039 DAYMW-03 09/08/06	061 DAYMW-03 04/05/07	101 DAYMW-10 07/12/12	114 DAYMW-10 03/15/13	122 DAYMW-10 09/24/13	129 DAYMW-10 04/21/16	135 DAYMW-10 06/07/17	143 DAYMW-10 08/16/18	150 DAYMW-10 09/05/19	157 DAYMW-10 09/10/20	164 DAYMW-10 10/28/21	171 DAYMW-10 10/14/22	178 DAYMW-10 07/24/24	032 MW-URS1 09/05/06	067 MW-URS1 04/02/07	099 DAYMW-09 07/26/10	104 DAYMW-09A 07/12/12	110 DAYMW-09A 03/14/13	121 DAYMW-09A 09/24/13	128 DAYMW-09A 04/21/16	133 DAYMW-09A 06/07/17	142 DAYMW-09A 08/16/18	149 DAYMW-09A 09/05/19	156 DAYMW-09A 09/10/20	163 DAYMW-09A 10/28/21	170 DAYMW-09A 10/14/22	177 DAYMW-09A 07/24/24
Dichlorodifluoromethane	5	U	U	**7.9**	**7.6**	**6.3**	U	2.11	0.69 J	0.57 J	0.83 J	0.25 J	0.34 J	U	U	U	**27**	**9.8**	**5.6**	U	U	U	U	U	U	U	U	U
Acetone	50	U	U	U	U	U	U	U	U	16 B	U	U	U	U	U	U	**130**	**210**	**91**	17	U	U	U	12 B	U	U	U	U
Methyl tert-Butyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	4.1 J	5.6	U	U	U	U	U	U	U	U	U	U
2-Butanone (MEK)	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	21	38	15	U	U	2.63	U	U	U	U	U	U
Cyclohexane	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	130 D	170 D	5 J	39	42	35	63	47.7	U	3.2 J	8.9 J	5.4 J	4.4 J	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U	**13**	**12**	**4.2** J	**7.3**	**3.4** J	**2.5** J	**1.2** J	**1.43**	**1.7**	0.73 J	**1.4** J	**1.2** J	1 J	0.61 J
Trichloroethene	5	3 J	U	**20**	**13**	**14**	**11** B	**12.8**	**6.5**	**10**	**12**	**8.8**	**13**	4.5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Methylcyclohexane	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	100 D	200	U	2.8 J	5.9	4.1 J	5.8	U	U	0.23 J	0.40 J	U	U	U
4-Methyl-2-pentanone	NA	U	U	U	U	U	U	U	U	0.31 J	U	U	U	U	U	U	U	2.2 J	U	U	U	U	U	0.28 J	0.24 JB	0.31 J	U	U
Toluene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	**7**	**8** J	**7.2** J	**15**	**11**	**6**	1.5 J	2.99	0.65 J	0.36 J	0.74 JB	U	U	U
Ethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	**64**	**190**	**7** J	**63**	**53**	**61**	**71**	**111** D	**57**	**8.4**	**8.9**	4.5 J	1 J	U
Xylene (Total)	5	U	U	U	U	U	U	U	U	U	U	U	U	U	**330**	**530** D	**28** J	**199**	**192**	**161**	**40**	**161**	3.6	0.21 J	0.96 J	1.59 J	0.33 J	U
Isopropylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	**38**	**36**	U	4.4 J	4.2 J	**5.4**	3.6 J	4.38	2	0.55 J	1.6 J	1.3 J	1.3 J	0.35 J
Styrene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.43 J	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	NT	U	U	U	U	U	U	U	U	U	U	**43.2**	**12**	6.4 NJ	NT	U	U	1.4
1,2,4-Trimethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	**25.8**	**7.6**	U	U	U	U	U
Chloroform	7	U	U	U	U	U	U	U	U	U	U	U	0.9 J	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-Trichlorobenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.25 J	U	U	U	U	U
n-Propylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.85 J	U	0.81 J	U	U	U
Chloromethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.31 J	U	U
Methyl Acetate	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
TOTAL TCL VOCS	NA	3	U	27.9	20.6	20.3	11	14.91	7.19	26.88	12.83	9.05	14.24	4.5	682	1146	233.5	596.1	423.1	292.0	186.1	400.56	85.65	32.36	23.95	14.61	8.03	2.36
TOTAL TICS	NA	U	U	U	U	U	U	U	U	6.0 NJ	U	U	U	U	2904 NJ	3415 NJ	35.2 NJ	234.6 NJ	314.1 NJ	262.2 NJ	146.4 NJ	88.5	35 J	5.5 NJ	U	50.8	14.1	U
TOTAL VOCS AND TICS	NA	3	U	27.9	20.6	20.3	11	14.91	7.19	32.88	12.83	9.05	14.24	4.5	3586	4561	268.7	830.7	737.2	554.2	332.5	489.06	120.65	37.86	23.95	65.41	22.13	2.36

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TCL = Target Compound List

VOC = Volatile Organic Compound

TIC = Tentatively Identified Compound

J = Estimated value

D = Compound concentration was obtained from a diluted analysis

N = Analyte passed identification criteria and is considered to be positively identified

B= Detected in Field Blank and/or Trip Blank

Table 2
Erie Harbor Site (Former River Park Commons - Townhouses)
NYSDEC Site #C828125

Cumulative Detected VOCs in ug/l or Parts Per Billion (ppb)

Groundwater Samples

Detected Compound	Groundwater Standard or Guidance Value (1)	106 DAYMW-08 07/12/12	111 DAYMW-08 03/14/13	120 DAYMW-08 09/24/13	127 DAYMW-08 04/21/16	132 DAYMW-08 06/07/17	141 DAYMW-08 08/16/18	148 DAYMW-08 09/05/19	155 DAYMW-08 09/10/20	162 DAYMW-08 10/28/21	169 DAYMW-08 10/14/22	176 DAYMW-08 07/24/24	040 MW-05 09/08/06	064 MW-05 04/03/07	107 MW-05 07/13/12	112 MW-05 03/15/13	118 MW-05 09/24/13	125 MW-05 04/21/16	134 MW-05 06/07/17	139 MW-05 08/16/18	146 MW-05 09/05/19	153 MW-05 09/10/20	160 MW-05 10/28/21	167 MW-05 10/14/22	174 MW-05 07/24/24
Dichlorodifluoromethane	5	U	U	U	U	U	U	U	U	U	U	U	7	8 J	U	U	U	U	U	U	0.22 J	0.24 J	U	U	U
Acetone	50	U	9.3 J	U	U	U	U	14 B	U	U	U	U	U	U	U	U	U	U	U	U	14 B	U	24 JH	U	U
Methyl tert-Butyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Butanone (MEK)	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Cyclohexane	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Trichloroethene	5	U	U	U	1.2 JB	U	U	U	U	U	U	U	U	U	U	U	U	1.8 JB	U	U	U	U	U	U	U
Methylcyclohexane	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Methyl-2-pentanone	NA	U	U	U	U	U	U	0.23 J	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Xylene (Total)	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Styrene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	NT	U	U	U	U	U	U	U	U	U	U	U	U	NT	U	U	U
1,2,4-Trimethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroform	7	U	U	U	U	U	0.28 JB	U	0.33 J	U	0.45 J	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-Trichlorobenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloromethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.30 JB	U	U	U	U
Methyl Acetate	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
TOTAL TCL VOCS	NA	U	9.3	U	1.2	U	0.28	14.23	0.33	U	0.45	U	7	8	U	U	U	1.8	U	U	14.52	0.24	24	U	U
TOTAL TICS	NA	U	U	U	U	U	U	U	U	2.54	U	U	U	U	U	U	U	U	U	U	5.0 NJ	U	2.52	U	U
TOTAL VOCS AND TICS	NA	U	9.3	U	1.2	U	0.28	14.23	0.33	2.54	0.45	U	7	8	U	U	U	1.8	U	U	19.52	0.24	26.52	U	U

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Table 2
Erie Harbor Site (Former River Park Commons - Townhouses)
NYSDEC Site #C828125

Cumulative Detected VOCs in ug/l or Parts Per Billion (ppb)

Groundwater Samples

Detected Compound	Groundwater Standard or Guidance Value (1)	044 DAYMW-05 09/11/06	063 DAYMW-05 04/04/07	109 DAYMW-05A 07/13/12	113 DAYMW-05A 03/15/13	119 DAYMW-05A 09/24/13	126 DAYMW-05A 04/21/16	136 DAYMW-05A 06/07/17	140 DAYMW-05A 08/16/18	147 DAYMW-05A 09/05/19	154 DAYMW-05A 09/10/20	162 DAYMW-05A 10/28/21	168 DAYMW-05A 10/14/22	175 DAYMW-05A 07/24/24	105 MW-207 07/12/12
Dichlorodifluoromethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Acetone	50	U	U	U	U	U	U	U	U	8.6 JB	U	U	U	U	U
Methyl tert-Butyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
2-Butanone (MEK)	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Cyclohexane	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	11
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U	**17**
Trichloroethene	5	**15**	7 J	**8.5**	3.6 J	3.3 J	2.1 JB	U	0.52 J	0.64 J	0.62 J	1.3 J	0.92 J	0.79 J	U
Methylcyclohexane	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U
4-Methyl-2-pentanone	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	**63**
Xylene (Total)	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	3.4 J
Styrene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	NT	U	U	U	U
1,2,4-Trimethylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloroform	7	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-Trichlorobenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Chloromethane	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Methyl Acetate	NA	U	U	U	U	U	U	U	U	U	U	U	U	U	U
TOTAL TCL VOCS	NA	15	7	8.5	3.6	3.3	2.1	U	0.52	9.24	0.62	1.3	0.92	0.79	83.4
TOTAL TICS	NA	U	U	U	U	U	U	U	U	U	U	2.54	U	U	79.1 NJ
TOTAL VOCS AND TICS	NA	15	7	8.5	3.6	3.3	2.1	U	0.52	9.24	0.62	3.84	0.92	0.79	162.5

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APPENDIX A

ALS Laboratory Report

August 05, 2024 Service Request No:R2406752

Mr. Jeff Danzinger
Day Environmental, Inc.
1563 Lyell Avenue
Rochester, NY 14606

Laboratory Results for: Erie Harbor

Dear Mr.Danzinger,

Enclosed are the results of the sample(s) submitted to our laboratory July 24, 2024
For your reference, these analyses have been assigned our service request number **R2406752.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7476. You may also contact me via email at Chris.Leavy@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Christopher Leavy
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

ALS Environmental
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Rochester, NY 14623
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Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Day Environmental, Inc.
Project: Erie Harbor
Sample Matrix: Water

Service Request: R2406752
Date Received: 07/24/2024

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Seven water samples were received for analysis at ALS Environmental on 07/24/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

No significant anomalies were noted with this analysis.

Approved by _____ Date 08/05/2024

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Day Environmental, Inc. **Service Request:**R2406752

Project: Erie Harbor/4155R-09

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2406752-001	174-MW-05	7/24/2024	1315
R2406752-002	175-DAYMW-05A	7/24/2024	1325
R2406752-003	176-DAYMW-08	7/24/2024	1255
R2406752-004	177-DAYMW-09A	7/24/2024	1305
R2406752-005	178-DAYMW-10	7/24/2024	1330
R2406752-006	179-EB072424	7/24/2024	1335
R2406752-007	180-TB072424	7/24/2024	

Chain of Custody / Analytical Request Form

68633

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Page 1 of 1

Report To:

Company: Day Environmental, Inc.
Contact: Jeff Danzinger
Email: jdanzinger@daymail.net
Phone: 585-454-0210
Address: 1563 Lyell Avenue
Rochester, NY 14606

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: Erie Harbor
Project Number: 4155R-09
ALS Quote #:
Sampler's Signature:
Email CC:
Email CC:
State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

Lab ID (ALS)	Sample ID:	Date	Time	Matrix (GW WW SW DW S L NA)	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	174-MW-05	07-24-2024	1315	GW	3		X							
	175-DAYMW-05A		1325	GW	3		X							
	176-DAY MW-08		1255	GW	6	X	X							also do MS/MSD
	177-DAY MW-09A		1305	GW	3		X							
	178-DAY MW-10		1330	GW	3		X							
	179-EB072424		1335	W	3		X							
	180-FB072424	↓	—	W	3		X							

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Special Instructions / Comments:

Turnaround Requirements

____ Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements

____ Tier II/Cat A -Results/QC
X Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____ No
EDD Type: NYSDEC Equis EXCEL

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars • THM • Other: ____ (5 plus TICs)

Invoice To: (X Same as Report To)
PO #: 4155R-09
Company:
Contact:
Email:
Ph:
Ad:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeff Danzinger	Rudy Diaz				
Company	Day Env.	ALS				
Date/Time	7-24-24 / 1400	7/24/24 1400				

R2406752 5
Day Environmental, Inc.
Erie Harbor

Distribution: White - Lab Copy; Yellow - Return to Originator

R2406752 5
Day Environmental, Inc.
Erie Harbor

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 7/24/24 by: RDH

COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	Did **VOA** vials have sig* **bubbles?**	Y (N) NA
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?** Y N (NA) **Sulfide?**	Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC) CLIENT
4	Circle: (Wet Ice) **Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as: Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 7/24/24 Time: 1402 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	25.9						
Within 0-6°C?	Y (N)	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) (Same Day Rule)

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by RDH on 7/24/24 at 1403
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 7/24/24 Time: 1433 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-						
		HCl	**	**	22080153 6/25					

**VOAs and 1664 Not to be tested before analysis.
*Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 022023-3AX14
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor/4155R-09

Sample Name: 174-MW-05 **Date Collected:** 07/24/24
Lab Code: R2406752-001 **Date Received:** 07/24/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: 175-DAYMW-05A **Date Collected:** 07/24/24
Lab Code: R2406752-002 **Date Received:** 07/24/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: 176-DAYMW-08 **Date Collected:** 07/24/24
Lab Code: R2406752-003 **Date Received:** 07/24/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: 177-DAYMW-09A **Date Collected:** 07/24/24
Lab Code: R2406752-004 **Date Received:** 07/24/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: 178-DAYMW-10 **Date Collected:** 07/24/24
Lab Code: R2406752-005 **Date Received:** 07/24/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09		

Sample Name:	179-EB072424	**Date Collected:**	07/24/24
Lab Code:	R2406752-006	**Date Received:**	07/24/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	180-TB072424	**Date Collected:**	07/24/24
Lab Code:	R2406752-007	**Date Received:**	07/24/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:15
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	174-MW-05	**Units:**	ug/L
Lab Code:	R2406752-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 14:15	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 14:15	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Benzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 14:15	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 14:15	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 14:15	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 14:15	
Styrene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 14:15	
Toluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 14:15	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 14:15	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 14:15	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 14:15	
Dibromofluoromethane	102	80 - 116	08/01/24 14:15	
Toluene-d8	102	87 - 121	08/01/24 14:15	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:25
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	175-DAYMW-05A	**Units:**	ug/L
Lab Code:	R2406752-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 14:40	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 14:40	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Benzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 14:40	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 14:40	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 14:40	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 14:40	
Styrene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 14:40	
Toluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Trichloroethene (TCE)	**0.79 J**	1.0	0.20	1	08/01/24 14:40	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 14:40	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 14:40	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 14:40	
Dibromofluoromethane	101	80 - 116	08/01/24 14:40	
Toluene-d8	102	87 - 121	08/01/24 14:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 12:55
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	176-DAYMW-08	**Units:**	ug/L
Lab Code:	R2406752-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:03	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:03	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Benzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:03	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 15:03	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:03	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 15:03	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:03	
Toluene	**0.21 J**	1.0	0.20	1	08/01/24 15:03	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 15:03	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:03	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:03	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	08/01/24 15:03	
Dibromofluoromethane	104	80 - 116	08/01/24 15:03	
Toluene-d8	103	87 - 121	08/01/24 15:03	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:05
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	177-DAYMW-09A	**Units:**	ug/L
Lab Code:	R2406752-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:26	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:26	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Benzene	**0.61 J**	1.0	0.20	1	08/01/24 15:26	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:26	
Isopropylbenzene (Cumene)	**0.35 J**	1.0	0.20	1	08/01/24 15:26	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:26	
Naphthalene	**1.4**	1.0	0.55	1	08/01/24 15:26	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:26	
Toluene	**0.31 J**	1.0	0.20	1	08/01/24 15:26	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 15:26	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:26	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:26	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	08/01/24 15:26	
Dibromofluoromethane	102	80 - 116	08/01/24 15:26	
Toluene-d8	103	87 - 121	08/01/24 15:26	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:30
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	178-DAYMW-10	**Units:**	ug/L
Lab Code:	R2406752-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:49	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:49	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Benzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:49	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 15:49	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:49	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 15:49	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:49	
Toluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Trichloroethene (TCE)	**4.5**	1.0	0.20	1	08/01/24 15:49	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:49	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:49	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	08/01/24 15:49	
Dibromofluoromethane	100	80 - 116	08/01/24 15:49	
Toluene-d8	101	87 - 121	08/01/24 15:49	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:35
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	179-EB072424	**Units:**	ug/L
Lab Code:	R2406752-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 13:22	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 13:22	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Benzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 13:22	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 13:22	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 13:22	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 13:22	
Styrene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 13:22	
Toluene	**0.37 J**	1.0	0.20	1	08/01/24 13:22	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 13:22	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 13:22	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 13:22	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 13:22	
Dibromofluoromethane	103	80 - 116	08/01/24 13:22	
Toluene-d8	102	87 - 121	08/01/24 13:22	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	180-TB072424	**Units:**	ug/L
Lab Code:	R2406752-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 13:47	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 13:47	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Benzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 13:47	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 13:47	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 13:47	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 13:47	
Styrene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 13:47	
Toluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 13:47	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 13:47	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 13:47	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 13:47	
Dibromofluoromethane	103	80 - 116	08/01/24 13:47	
Toluene-d8	103	87 - 121	08/01/24 13:47	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor/4155R-09
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
174-MW-05	R2406752-001	100	102	102
175-DAYMW-05A	R2406752-002	100	101	102
176-DAYMW-08	R2406752-003	99	104	103
177-DAYMW-09A	R2406752-004	101	102	103
178-DAYMW-10	R2406752-005	97	100	101
179-EB072424	R2406752-006	100	103	102
180-TB072424	R2406752-007	100	103	103
Lab Control Sample	RQ2409306-02	99	105	102
Method Blank	RQ2409306-03	97	102	101
176-DAYMW-08 MS	RQ2409306-06	103	104	101
176-DAYMW-08 DMS	RQ2409306-07	104	106	103

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24
Sample Matrix:	Water	**Date Received:**	07/24/24
		Date Analyzed:	08/1/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	176-DAYMW-08	**Units:**	ug/L
Lab Code:	R2406752-003	**Basis:**	NA
Analysis Method:	8260D		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2409306-06			Duplicate Matrix Spike RQ2409306-07				
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,3-Trichlorobenzene	0.25 U	52.0	50.0	104	52.9	50.0	106	59-129	2	30
1,2,4-Trichlorobenzene	0.34 U	53.6	50.0	107	54.0	50.0	108	69-122	<1	30
1,2,4-Trimethylbenzene	0.20 U	52.2	50.0	104	52.7	50.0	105	73-133	1	30
1,2-Dichlorobenzene	0.20 U	52.0	50.0	104	52.6	50.0	105	77-120	1	30
1,3,5-Trimethylbenzene	0.20 U	53.1	50.0	106	52.9	50.0	106	81-131	<1	30
1,3-Dichlorobenzene	0.20 U	52.8	50.0	106	53.9	50.0	108	83-121	2	30
1,4-Dichlorobenzene	0.20 U	52.7	50.0	105	52.7	50.0	105	82-120	<1	30
2-Chlorotoluene	0.20 U	51.4	50.0	103	51.5	50.0	103	79-126	<1	30
4-Chlorotoluene	0.20 U	53.5	50.0	107	52.4	50.0	105	72-132	2	30
4-Isopropyltoluene	0.20 U	54.8	50.0	110	54.5	50.0	109	78-133	<1	30
Benzene	0.20 U	54.3	50.0	109	55.0	50.0	110	76-129	1	30
Bromobenzene	0.20 U	51.1	50.0	102	51.8	50.0	104	79-121	1	30
Chlorobenzene	0.20 U	51.2	50.0	102	51.8	50.0	104	76-125	1	30
Ethylbenzene	0.20 U	55.4	50.0	111	55.5	50.0	111	72-134	<1	30
Hexachlorobutadiene	0.33 U	55.0	50.0	110	54.2	50.0	108	54-172	1	30
Isopropylbenzene (Cumene)	0.20 U	55.3	50.0	111	55.3	50.0	111	77-128	<1	30
Methyl tert-Butyl Ether	0.20 U	52.7	50.0	105	52.1	50.0	104	75-119	1	30
Naphthalene	0.55 U	52.6	50.0	105	53.1	50.0	106	57-153	<1	30
Styrene	0.20 U	54.9	50.0	110	55.8	50.0	112	74-136	2	30
Tetrachloroethene (PCE)	0.21 U	54.2	50.0	108	54.4	50.0	109	72-125	<1	30
Toluene	0.21 J	53.5	50.0	107	54.2	50.0	108	79-119	1	30
Trichloroethene (TCE)	0.20 U	54.0	50.0	108	54.4	50.0	109	74-122	<1	30
m,p-Xylenes	0.53 U	111	100	111	113	100	113	80-126	1	30
n-Butylbenzene	0.20 U	54.6	50.0	109	55.1	50.0	110	78-133	<1	30
n-Propylbenzene	0.20 U	53.1	50.0	106	53.1	50.0	106	78-131	<1	30
o-Xylene	0.20 U	54.1	50.0	108	54.7	50.0	109	79-123	1	30
sec-Butylbenzene	0.20 U	54.0	50.0	108	54.3	50.0	109	75-129	<1	30
tert-Butylbenzene	0.20 U	54.4	50.0	109	54.2	50.0	108	68-127	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Analyzed:**	08/01/24 12:57
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Instrument ID:**	R-MS-17
Lab Code:	RQ2409306-03	**File ID:**	I:\ACQUDATA\MSVOA17\Data\080124\K4602.D\
Analysis Method:	8260D	**Analysis Lot:**	849346
Prep Method:	EPA 5030C		

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2409306-02	I:\ACQUDATA\MSVOA17\Data\080124 \K4599.D\	08/01/24 11:35
179-EB072424	R2406752-006	I:\ACQUDATA\MSVOA17\Data\080124 \K4603.D\	08/01/24 13:22
180-TB072424	R2406752-007	I:\ACQUDATA\MSVOA17\Data\080124 \K4604.D\	08/01/24 13:47
174-MW-05	R2406752-001	I:\ACQUDATA\MSVOA17\Data\080124 \K4605.D\	08/01/24 14:15
175-DAYMW-05A	R2406752-002	I:\ACQUDATA\MSVOA17\Data\080124 \K4606.D\	08/01/24 14:40
176-DAYMW-08	R2406752-003	I:\ACQUDATA\MSVOA17\Data\080124 \K4607.D\	08/01/24 15:03
177-DAYMW-09A	R2406752-004	I:\ACQUDATA\MSVOA17\Data\080124 \K4608.D\	08/01/24 15:26
178-DAYMW-10	R2406752-005	I:\ACQUDATA\MSVOA17\Data\080124 \K4609.D\	08/01/24 15:49
176-DAYMW-08MS	RQ2409306-06	I:\ACQUDATA\MSVOA17\Data\080124 \K4620.D\	08/01/24 20:08
176-DAYMW-08DMS	RQ2409306-07	I:\ACQUDATA\MSVOA17\Data\080124 \K4621.D\	08/01/24 20:32

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2409306-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 12:57	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 12:57	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 12:57	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 12:57	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 12:57	
Benzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 12:57	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 12:57	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 12:57	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 12:57	
Styrene	0.20 U	1.0	0.20	1	08/01/24 12:57	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 12:57	
Toluene	0.20 U	1.0	0.20	1	08/01/24 12:57	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 12:57	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 12:57	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 12:57	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 12:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	08/01/24 12:57	
Dibromofluoromethane	102	80 - 116	08/01/24 12:57	
Toluene-d8	101	87 - 121	08/01/24 12:57	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Analyzed:**	08/01/24 11:35
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-17
Lab Code:	RQ2409306-02	**File ID:**	I:\ACQUDATA\MSVOA17\Data\080124\K4599.D\
Analysis Method:	8260D	**Analysis Lot:**	849346
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2409306-03	I:\ACQUDATA\MSVOA17\Data\080124 \K4602.D\	08/01/24 12:57
179-EB072424	R2406752-006	I:\ACQUDATA\MSVOA17\Data\080124 \K4603.D\	08/01/24 13:22
180-TB072424	R2406752-007	I:\ACQUDATA\MSVOA17\Data\080124 \K4604.D\	08/01/24 13:47
174-MW-05	R2406752-001	I:\ACQUDATA\MSVOA17\Data\080124 \K4605.D\	08/01/24 14:15
175-DAYMW-05A	R2406752-002	I:\ACQUDATA\MSVOA17\Data\080124 \K4606.D\	08/01/24 14:40
176-DAYMW-08	R2406752-003	I:\ACQUDATA\MSVOA17\Data\080124 \K4607.D\	08/01/24 15:03
177-DAYMW-09A	R2406752-004	I:\ACQUDATA\MSVOA17\Data\080124 \K4608.D\	08/01/24 15:26
178-DAYMW-10	R2406752-005	I:\ACQUDATA\MSVOA17\Data\080124 \K4609.D\	08/01/24 15:49
176-DAYMW-08MS	RQ2409306-06	I:\ACQUDATA\MSVOA17\Data\080124 \K4620.D\	08/01/24 20:08
176-DAYMW-08DMS	RQ2409306-07	I:\ACQUDATA\MSVOA17\Data\080124 \K4621.D\	08/01/24 20:32

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor/4155R-09 **Date Analyzed:** 08/01/24
Sample Matrix: Water

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2409306-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,2,3-Trichlorobenzene	8260D	19.5	20.0	98	67-136
1,2,4-Trichlorobenzene	8260D	19.7	20.0	98	75-132
1,2,4-Trimethylbenzene	8260D	19.0	20.0	95	81-126
1,2-Dichlorobenzene	8260D	19.0	20.0	95	80-119
1,3,5-Trimethylbenzene	8260D	19.2	20.0	96	81-128
1,3-Dichlorobenzene	8260D	19.5	20.0	98	83-121
1,4-Dichlorobenzene	8260D	19.5	20.0	97	79-119
2-Chlorotoluene	8260D	18.8	20.0	94	79-124
4-Chlorotoluene	8260D	19.4	20.0	97	79-125
4-Isopropyltoluene	8260D	19.8	20.0	99	78-133
Benzene	8260D	19.3	20.0	96	79-119
Bromobenzene	8260D	18.8	20.0	94	79-121
Chlorobenzene	8260D	18.5	20.0	92	80-121
Ethylbenzene	8260D	19.5	20.0	97	76-120
Hexachlorobutadiene	8260D	20.6	20.0	103	54-172
Isopropylbenzene (Cumene)	8260D	19.1	20.0	96	77-128
Methyl tert-Butyl Ether	8260D	19.1	20.0	96	75-118
Naphthalene	8260D	19.4	20.0	97	59-140
Styrene	8260D	19.4	20.0	97	80-124
Tetrachloroethene (PCE)	8260D	19.2	20.0	96	72-125
Toluene	8260D	18.7	20.0	94	79-119
Trichloroethene (TCE)	8260D	19.1	20.0	96	74-122
m,p-Xylenes	8260D	39.5	40.0	99	80-126
n-Butylbenzene	8260D	19.8	20.0	99	78-133
n-Propylbenzene	8260D	19.3	20.0	97	78-131
o-Xylene	8260D	19.4	20.0	97	79-123
sec-Butylbenzene	8260D	19.1	20.0	95	75-129
tert-Butylbenzene	8260D	19.1	20.0	95	76-126

Client: Day Environmental, Inc. **Service Request:**R2406752
Project: Erie Harbor/4155R-09 **Date Analyzed:**08/01/24 11:01

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA17\Data\080124\K4598.D\ **Analytical Method:** 8260D
Instrument ID: R-MS-17 **Analysis Lot:** 849346

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2409306-01	I:\ACQUDATA\MSVOA17\Data\080124\K4598.D\	08/01/24 11:01	
Lab Control Sample	RQ2409306-02	I:\ACQUDATA\MSVOA17\Data\080124\K4599.D\	08/01/24 11:35	
Method Blank	RQ2409306-03	I:\ACQUDATA\MSVOA17\Data\080124\K4602.D\	08/01/24 12:57	
179-EB072424	R2406752-006	I:\ACQUDATA\MSVOA17\Data\080124\K4603.D\	08/01/24 13:22	
180-TB072424	R2406752-007	I:\ACQUDATA\MSVOA17\Data\080124\K4604.D\	08/01/24 13:47	
174-MW-05	R2406752-001	I:\ACQUDATA\MSVOA17\Data\080124\K4605.D\	08/01/24 14:15	
175-DAYMW-05A	R2406752-002	I:\ACQUDATA\MSVOA17\Data\080124\K4606.D\	08/01/24 14:40	
176-DAYMW-08	R2406752-003	I:\ACQUDATA\MSVOA17\Data\080124\K4607.D\	08/01/24 15:03	
177-DAYMW-09A	R2406752-004	I:\ACQUDATA\MSVOA17\Data\080124\K4608.D\	08/01/24 15:26	
178-DAYMW-10	R2406752-005	I:\ACQUDATA\MSVOA17\Data\080124\K4609.D\	08/01/24 15:49	
176-DAYMW-08	RQ2409306-06	I:\ACQUDATA\MSVOA17\Data\080124\K4620.D\	08/01/24 20:08	
176-DAYMW-08	RQ2409306-07	I:\ACQUDATA\MSVOA17\Data\080124\K4621.D\	08/01/24 20:32	

Client: Day Environmental, Inc. **Service Request:**R2406752
Project: Erie Harbor/4155R-09 **Date Analyzed:**08/01/24 11:01

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA17\Data\080124\K4598.D\ **Lab Code:**RQ2409306-01
Instrument ID: R-MS-17 **Analysis Lot:**849346
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	290,839	11.64	643,627	6.17	586,926	9.57
	Upper Limit ==>	581,678	11.81	1,287,254	6.34	1,173,852	9.74
	Lower Limit ==>	145,420	11.47	321,814	6.00	293,463	9.40
Associated Analyses							
Lab Control Sample	RQ2409306-02	266350	11.64	641015	6.17	566427	9.57
Method Blank	RQ2409306-03	256550	11.64	630160	6.17	553312	9.57
179-EB072424	R2406752-006	252089	11.64	615785	6.17	547807	9.57
180-TB072424	R2406752-007	256382	11.64	617926	6.18	551768	9.57
174-MW-05	R2406752-001	247592	11.65	609998	6.18	541226	9.57
175-DAYMW-05A	R2406752-002	253980	11.64	619396	6.17	556666	9.57
176-DAYMW-08	R2406752-003	248554	11.64	595584	6.18	530292	9.57
177-DAYMW-09A	R2406752-004	253438	11.64	615103	6.18	550765	9.57
178-DAYMW-10	R2406752-005	246897	11.64	610343	6.18	538914	9.57
176-DAYMW-08MS	RQ2409306-06	268318	11.64	607455	6.18	549003	9.57
176-DAYMW-08DMS	RQ2409306-07	272304	11.65	612096	6.18	551638	9.57

Client: Day Environmental, Inc. **Service Request:**R2406752
Project: Erie Harbor/4155R-09 **Date Analyzed:**08/01/24 11:01

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA17\Data\080124\K4598.D\ **Lab Code:**RQ2409306-01
Instrument ID: R-MS-17 **Analysis Lot:**849346
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	381,340	4.99
	Upper Limit ==>	762,680	5.16
	Lower Limit ==>	190,670	4.82
Associated Analyses			
Lab Control Sample	RQ2409306-02	375184	4.99
Method Blank	RQ2409306-03	370507	4.99
179-EB072424	R2406752-006	361880	5.00
180-TB072424	R2406752-007	363626	4.99
174-MW-05	R2406752-001	355227	4.99
175-DAYMW-05A	R2406752-002	365386	5.00
176-DAYMW-08	R2406752-003	350701	4.99
177-DAYMW-09A	R2406752-004	360432	5.00
178-DAYMW-10	R2406752-005	357948	5.00
176-DAYMW-08MS	RQ2409306-06	353346	5.00
176-DAYMW-08DMS	RQ2409306-07	366452	4.99

Raw Data

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Volatile Organic Compounds by GC/MS

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www.alsglobal.com

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:15
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	174-MW-05	**Units:**	ug/L
Lab Code:	R2406752-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 14:15	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 14:15	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Benzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 14:15	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 14:15	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 14:15	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 14:15	
Styrene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 14:15	
Toluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 14:15	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 14:15	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 14:15	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 14:15	
Dibromofluoromethane	102	80 - 116	08/01/24 14:15	
Toluene-d8	102	87 - 121	08/01/24 14:15	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:25
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	175-DAYMW-05A	**Units:**	ug/L
Lab Code:	R2406752-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 14:40	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 14:40	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Benzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 14:40	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 14:40	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 14:40	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 14:40	
Styrene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 14:40	
Toluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Trichloroethene (TCE)	**0.79 J**	1.0	0.20	1	08/01/24 14:40	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 14:40	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 14:40	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 14:40	
Dibromofluoromethane	101	80 - 116	08/01/24 14:40	
Toluene-d8	102	87 - 121	08/01/24 14:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 12:55
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	176-DAYMW-08	**Units:**	ug/L
Lab Code:	R2406752-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:03	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:03	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Benzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:03	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 15:03	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:03	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 15:03	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:03	
Toluene	**0.21 J**	1.0	0.20	1	08/01/24 15:03	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 15:03	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:03	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:03	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	08/01/24 15:03	
Dibromofluoromethane	104	80 - 116	08/01/24 15:03	
Toluene-d8	103	87 - 121	08/01/24 15:03	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:05
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	177-DAYMW-09A	**Units:**	ug/L
Lab Code:	R2406752-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:26	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:26	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Benzene	**0.61 J**	1.0	0.20	1	08/01/24 15:26	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:26	
Isopropylbenzene (Cumene)	**0.35 J**	1.0	0.20	1	08/01/24 15:26	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:26	
Naphthalene	**1.4**	1.0	0.55	1	08/01/24 15:26	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:26	
Toluene	**0.31 J**	1.0	0.20	1	08/01/24 15:26	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 15:26	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:26	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:26	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	08/01/24 15:26	
Dibromofluoromethane	102	80 - 116	08/01/24 15:26	
Toluene-d8	103	87 - 121	08/01/24 15:26	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:30
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	178-DAYMW-10	**Units:**	ug/L
Lab Code:	R2406752-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:49	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:49	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Benzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:49	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 15:49	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:49	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 15:49	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:49	
Toluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Trichloroethene (TCE)	**4.5**	1.0	0.20	1	08/01/24 15:49	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:49	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:49	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	08/01/24 15:49	
Dibromofluoromethane	100	80 - 116	08/01/24 15:49	
Toluene-d8	101	87 - 121	08/01/24 15:49	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:35
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	179-EB072424	**Units:**	ug/L
Lab Code:	R2406752-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 13:22	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 13:22	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Benzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 13:22	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 13:22	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 13:22	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 13:22	
Styrene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 13:22	
Toluene	**0.37 J**	1.0	0.20	1	08/01/24 13:22	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 13:22	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 13:22	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 13:22	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 13:22	
Dibromofluoromethane	103	80 - 116	08/01/24 13:22	
Toluene-d8	102	87 - 121	08/01/24 13:22	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	180-TB072424	**Units:**	ug/L
Lab Code:	R2406752-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 13:47	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 13:47	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Benzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 13:47	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 13:47	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 13:47	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 13:47	
Styrene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 13:47	
Toluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 13:47	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 13:47	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 13:47	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 13:47	
Dibromofluoromethane	103	80 - 116	08/01/24 13:47	
Toluene-d8	103	87 - 121	08/01/24 13:47	

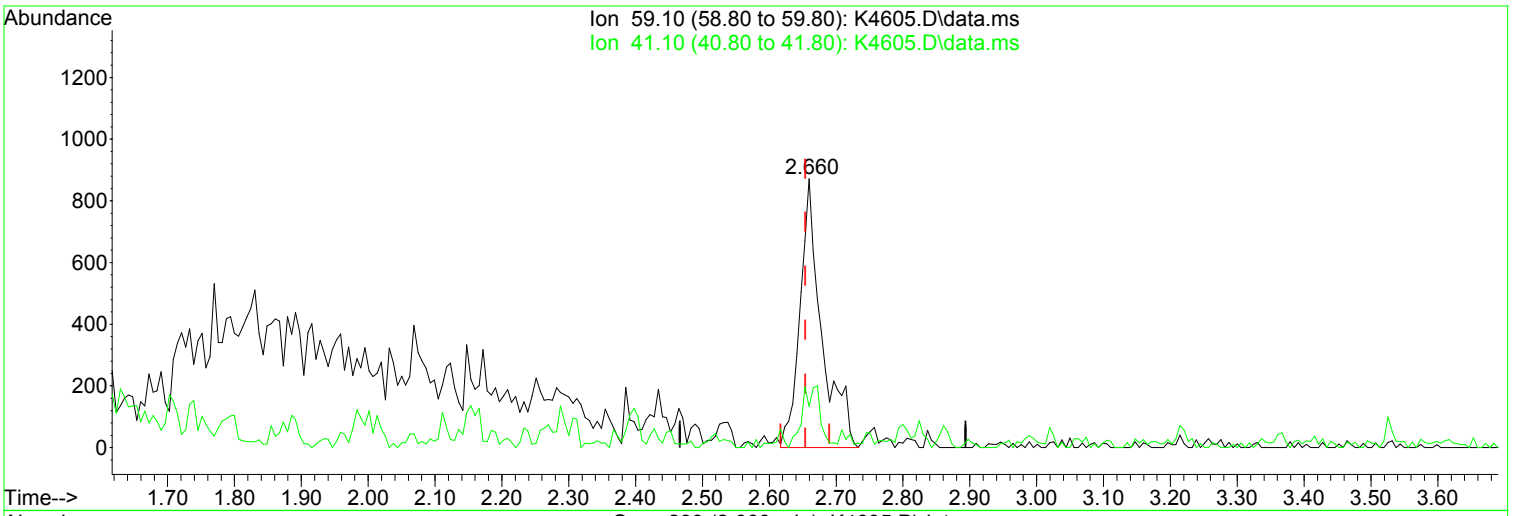
Tentatively Identified Compounds

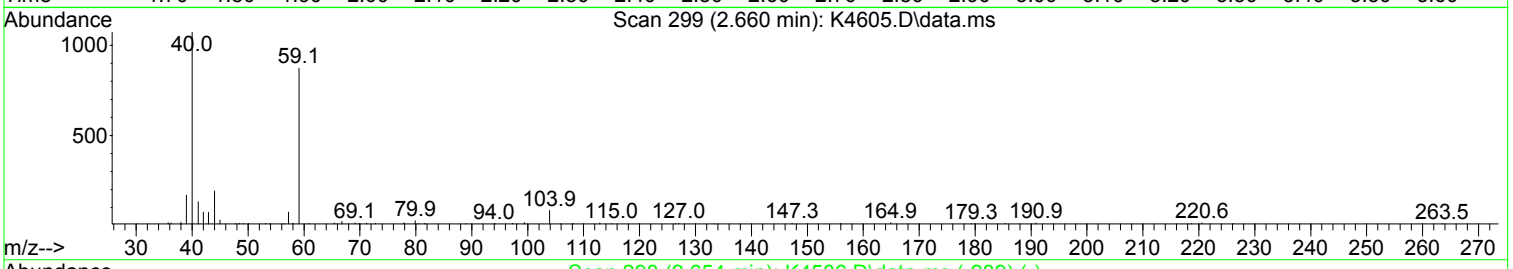
CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

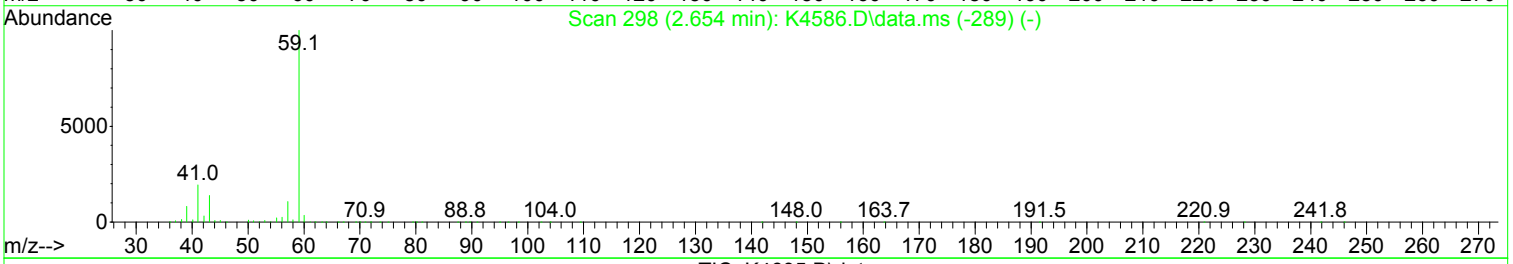
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4605.D
Acq On : 01 Aug 2024 02:15 pm
Operator : K.Ruest
Sample : R2406752-001
Misc : DAY 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 01 14:40:48 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4605.D\data.ms

(23) TBA

2.660min (+ 0.006) 1.89 ug/L m

response 1966

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	19.70	15.25
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

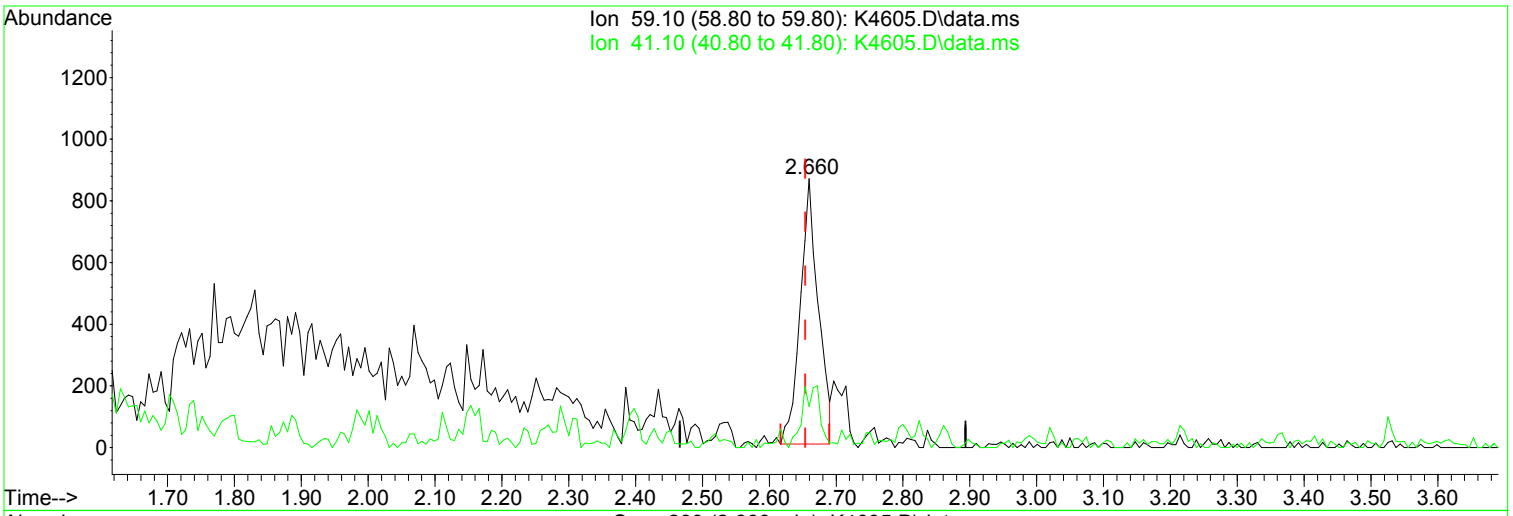
Split Peak.

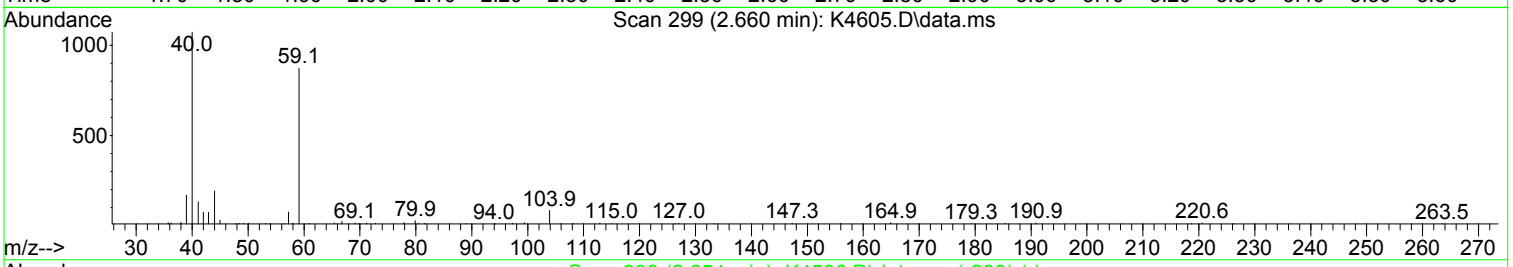
08/01/24

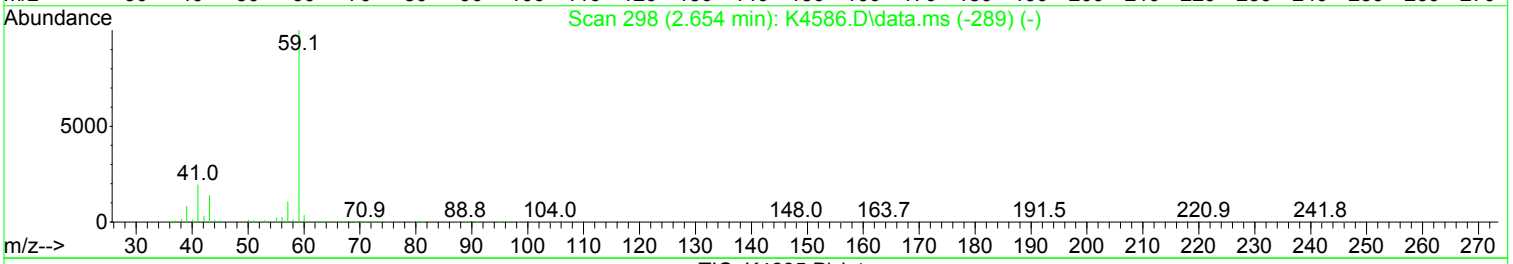
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4605.D
Acq On : 01 Aug 2024 02:15 pm
Operator : K.Ruest
Sample : R2406752-001
Misc : DAY 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 01 14:40:48 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4605.D\data.ms

(23) TBA

2.660min (+ 0.006) 1.55 ug/L

response 1606

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	19.70	15.25
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

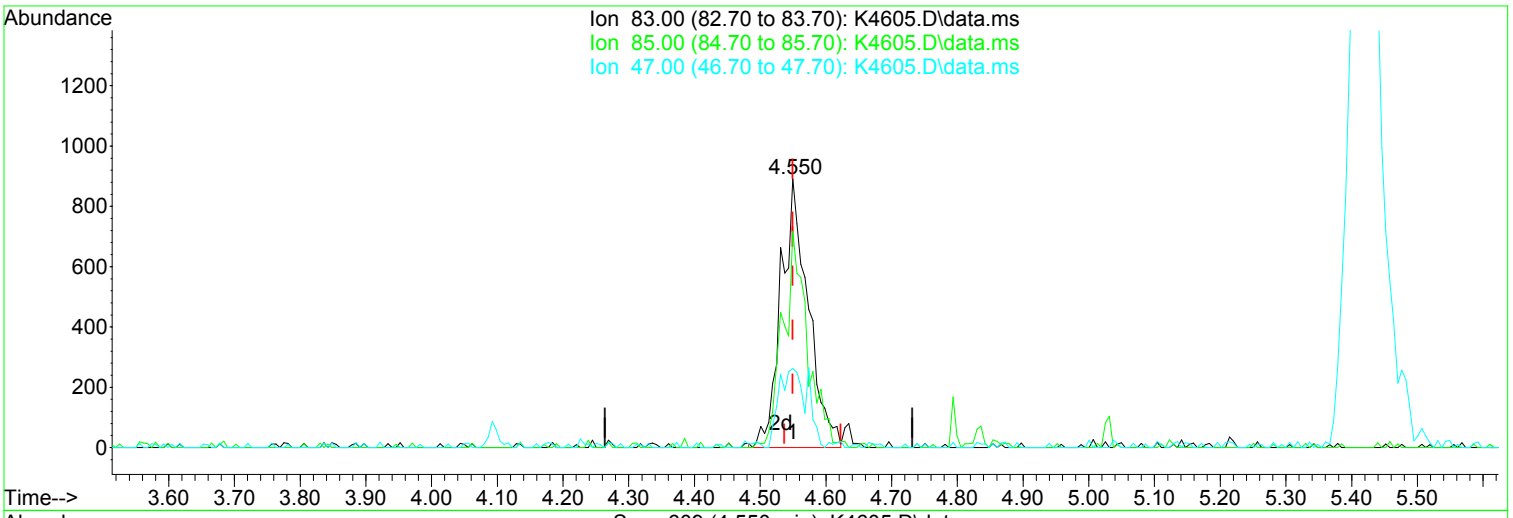
Before

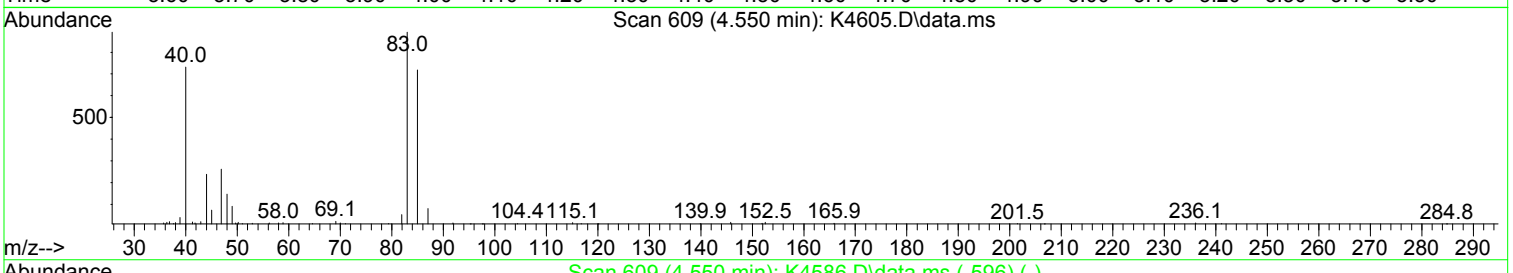
08/01/24

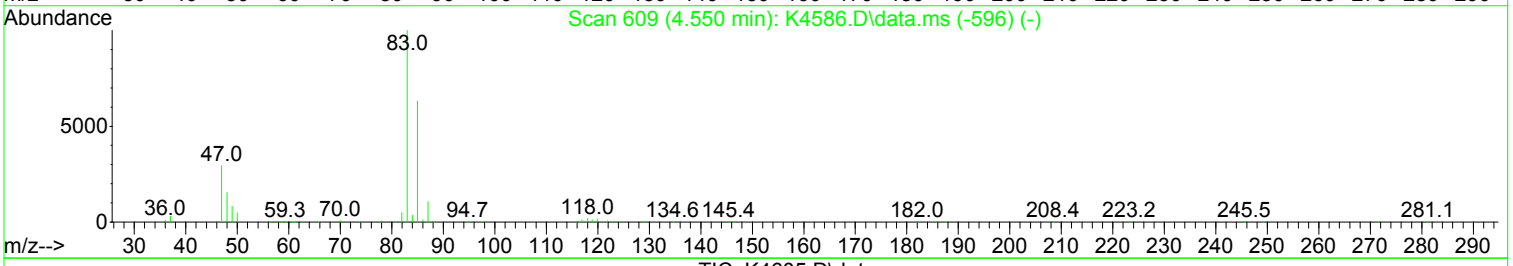
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4605.D
Acq On : 01 Aug 2024 02:15 pm
Operator : K.Ruest
Sample : R2406752-001
Misc : DAY 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 01 14:40:48 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4605.D\data.ms

(39) Chloroform (P)

4.550min (-0.000) 0.40 ug/L m

response 2546

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.10	80.49
47.00	29.60	29.37
0.00	0.00	0.00

Manual Integration:

After

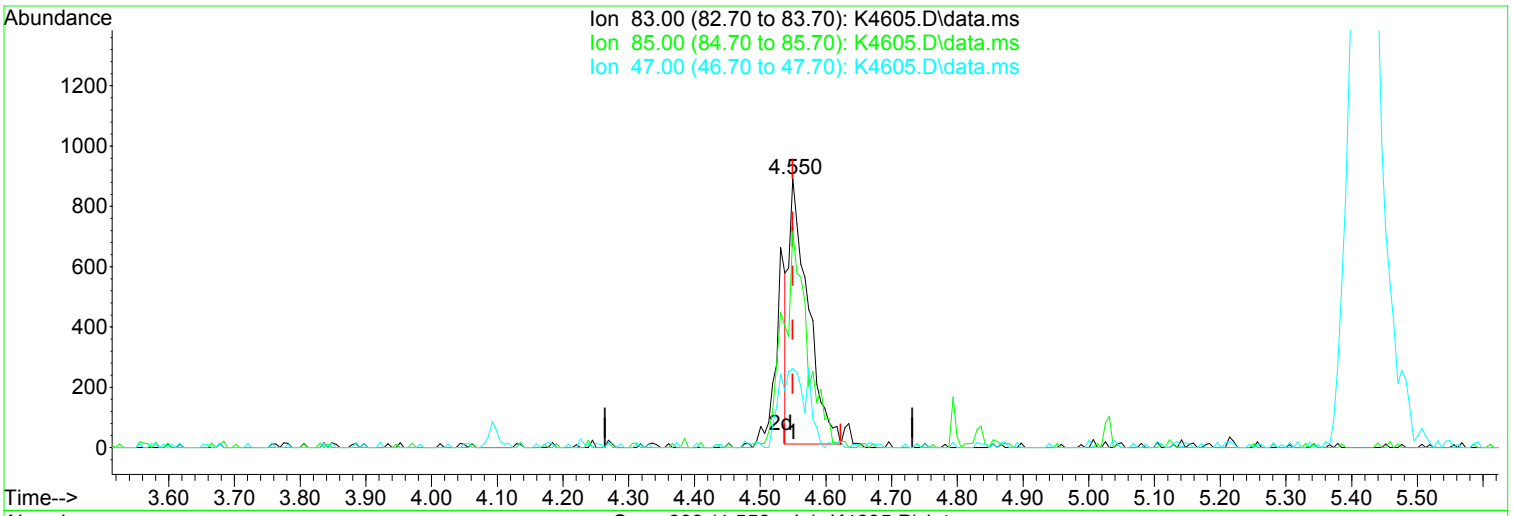
Split Peak.

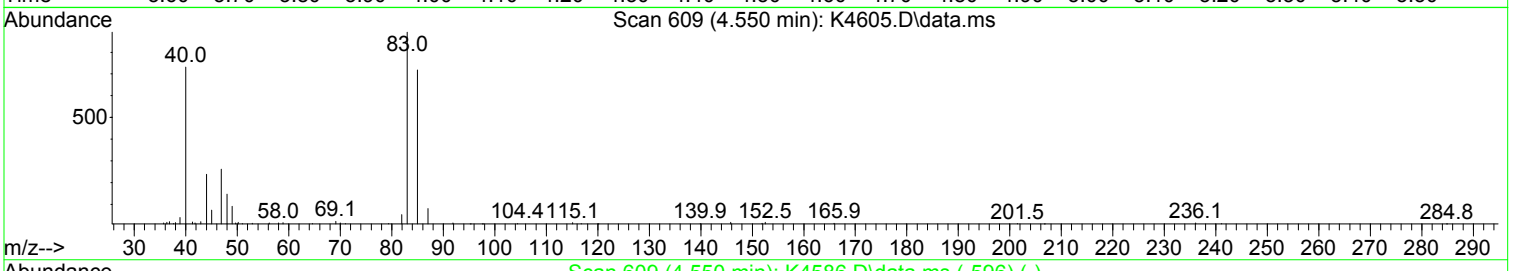
08/01/24

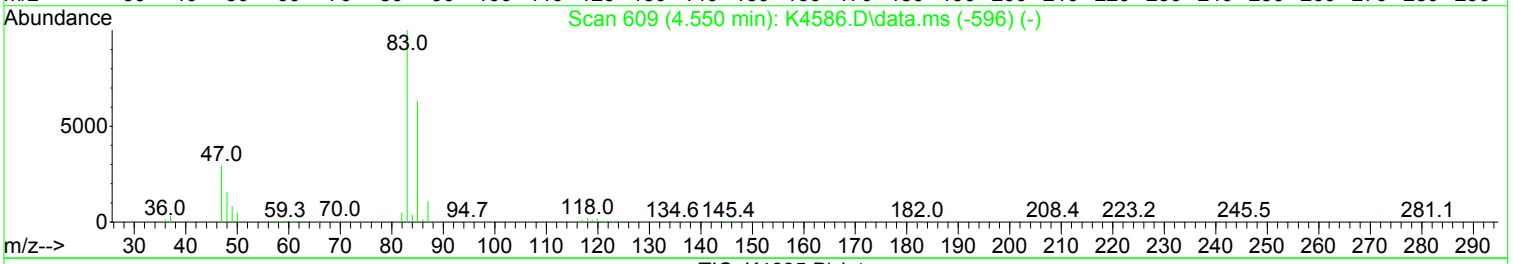
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4605.D
Acq On : 01 Aug 2024 02:15 pm
Operator : K.Ruest
Sample : R2406752-001
Misc : DAY 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 01 14:40:48 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4605.D\data.ms

(39) Chloroform (P)

4.550min (-0.000) 0.28 ug/L

response 1769

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.10	80.49
47.00	29.60	29.37
0.00	0.00	0.00

Manual Integration:

Before

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4605.D
Acq On : 01 Aug 2024 02:15 pm
Operator : K.Ruest
Sample : R2406752-001
Misc : DAY 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 01 14:40:48 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

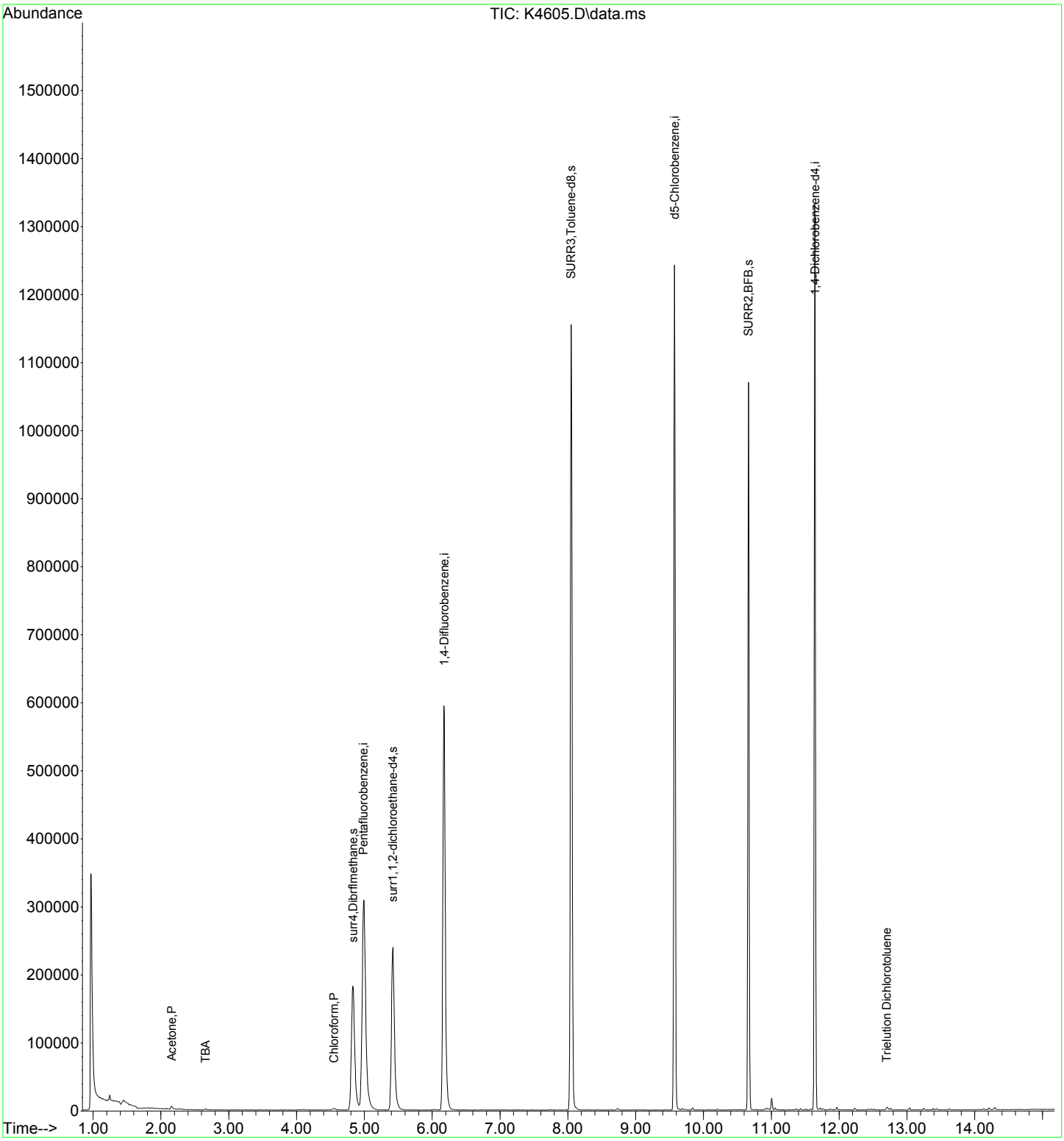
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.988	168	355227	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.177	114	609998	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	541226	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.646	152	247592	50.00	ug/L	# 0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	194087	51.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.02%			
47) surr1,1,2-dichloroetha...	5.421	65	273031	52.50	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 105.00%			
64) SURR3,Toluene-d8	8.049	98	710174	50.86	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 101.72%			
69) SURR2,BFB	10.664	95	274600	50.02	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 100.04%			
Target Compounds						Qvalue
16) Acetone	2.160	43	5227	1.838	ug/L	97
23) TBA	2.660	59	1966m	1.892	ug/L	
39) Chloroform	4.550	83	2546m	0.402	ug/L	
111) Trielution Dichlorotol...	12.701	125	2094	0.297	ug/L	76

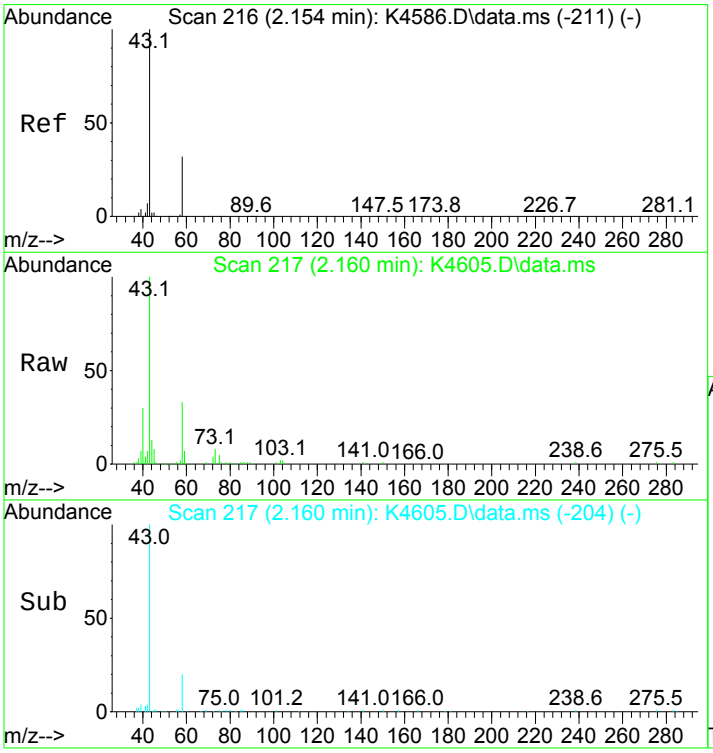
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4605.D
Acq On : 01 Aug 2024 02:15 pm
Operator : K.Ruest
Sample : R2406752-001
Misc : DAY 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 01 14:40:48 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

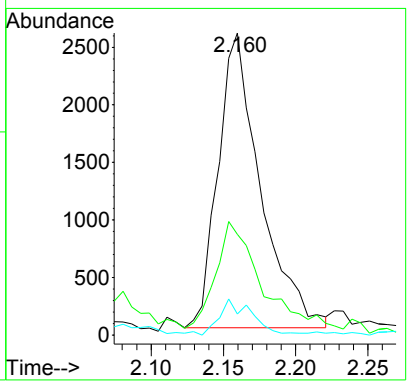


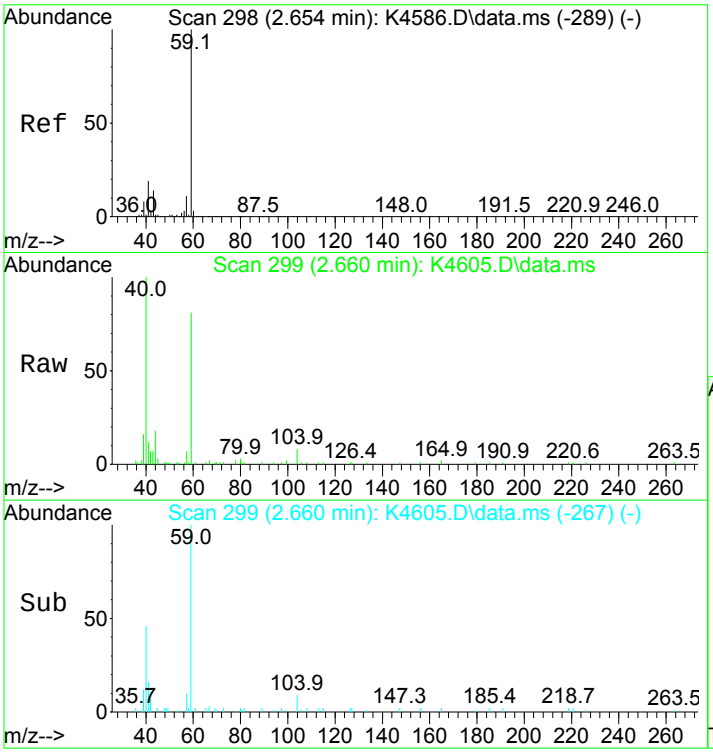


#16
Acetone
Concen: 1.84 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: K4605.D
Acq: 01 Aug 2024 02:15 pm

Tgt Ion: 43 Resp: 5227

Ion	Ratio	Lower	Upper
43	100		
58	33.3	11.5	51.5
42	7.0	0.0	27.3

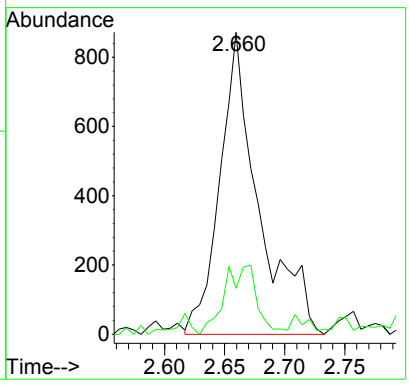


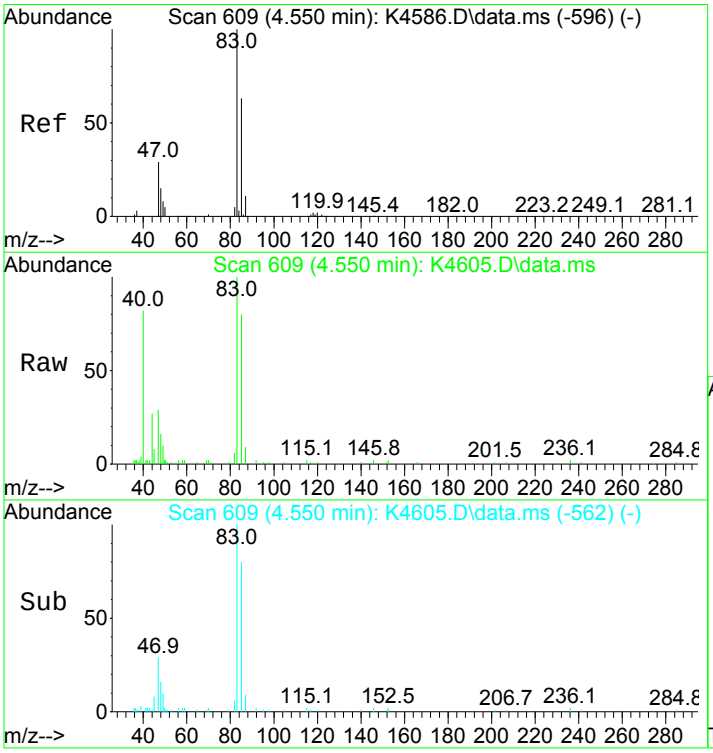


#23
TBA
Concen: 1.89 ug/L m
RT: 2.660 min Scan# 299
Delta R.T. 0.006 min
Lab File: K4605.D
Acq: 01 Aug 2024 02:15 pm

Tgt Ion: 59 Resp: 1966

Ion	Ratio	Lower	Upper
59	100		
41	15.3	0.0	39.7

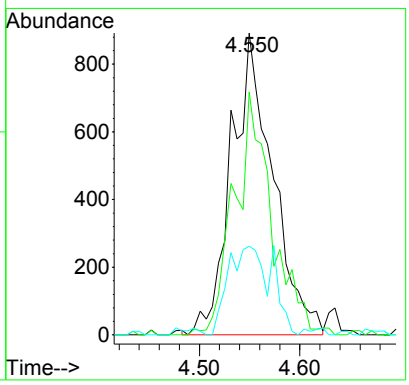


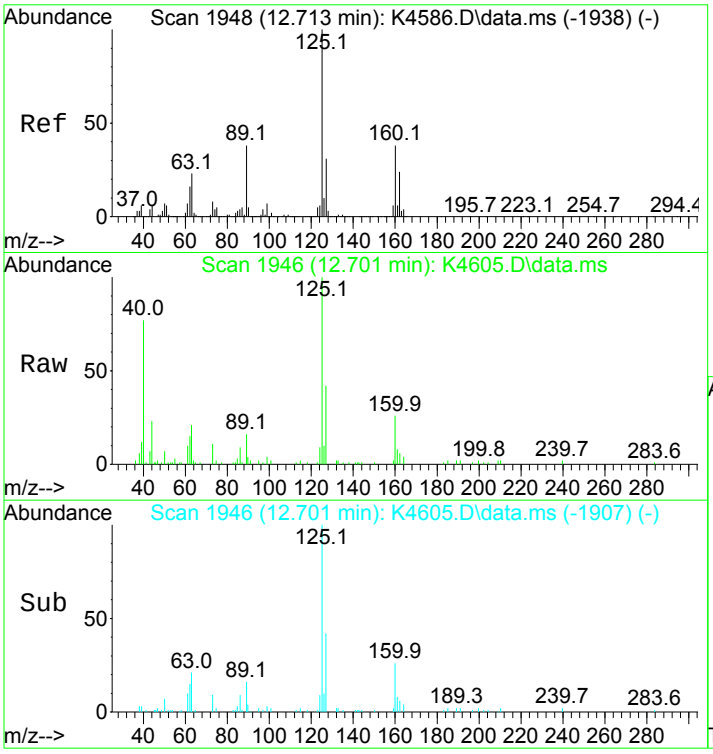


#39
Chloroform
Concen: 0.40 ug/L m
RT: 4.550 min Scan# 609
Delta R.T. -0.000 min
Lab File: K4605.D
Acq: 01 Aug 2024 02:15 pm

Tgt Ion: 83 Resp: 2546

Ion	Ratio	Lower	Upper
83	100		
85	80.5	43.1	83.1
47	29.4	9.6	49.6

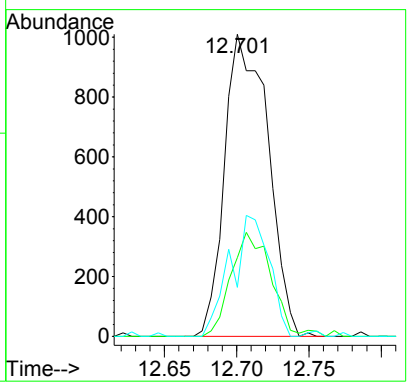




#111
Trielution Dichlorotoluene
Concen: 0.30 ug/L
RT: 12.701 min Scan# 1946
Delta R.T. -0.013 min
Lab File: K4605.D
Acq: 01 Aug 2024 02:15 pm

Tgt Ion:125 Resp: 2094

Ion	Ratio	Lower	Upper
125	100		
160	26.0	18.0	58.0
89	20.7	17.9	57.9



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4606.D
Acq On : 01 Aug 2024 02:40 pm
Operator : K.Ruest
Sample : R2406752-002
Misc : DAY 8260 T4
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 01 14:56:29 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

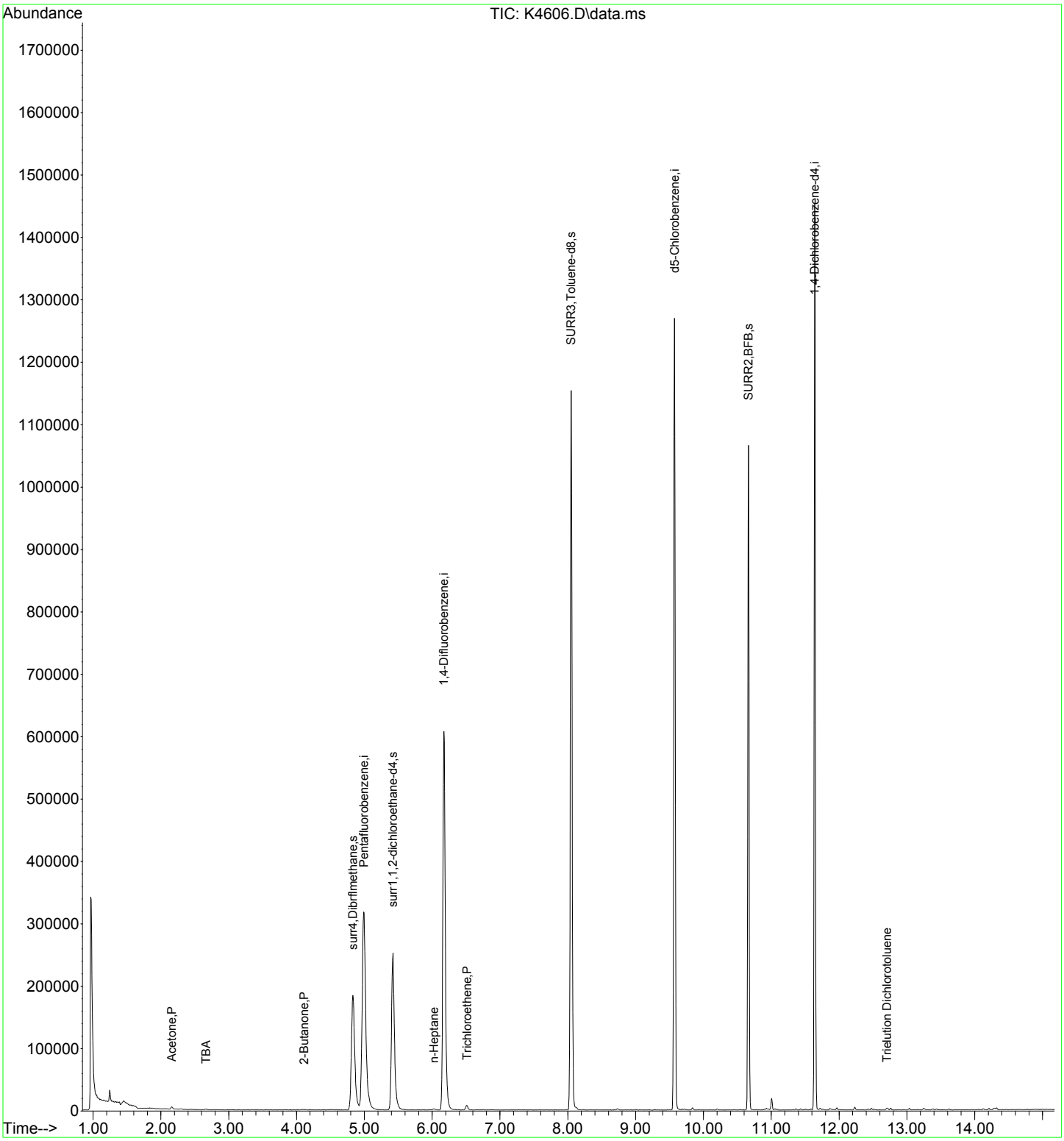
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	365386	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.172	114	619396	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.574	117	556666	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	253980	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	194935	50.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 100.90%			
47) surr1,1,2-dichloroetha...	5.422	65	277350	52.52	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 105.04%			
64) SURR3,Toluene-d8	8.049	98	724464	51.10	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 102.20%			
69) SURR2,BFB	10.665	95	279061	50.06	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 100.12%			
Target Compounds						Qvalue
6) Bromomethane	1.465	94	305	Below Cal	#	74
16) Acetone	2.160	43	5066	1.732	ug/L	93
23) TBA	2.666	59	1482	1.386	ug/L	73
34) 2-Butanone	4.111	43	1080	0.309	ug/L	79
51) n-Heptane	6.025	43	1042	0.210	ug/L #	75
53) Trichloroethene	6.513	130	3096	0.788	ug/L	93
111) Trielution Dichlorotol...	12.707	125	1751	0.242	ug/L	87

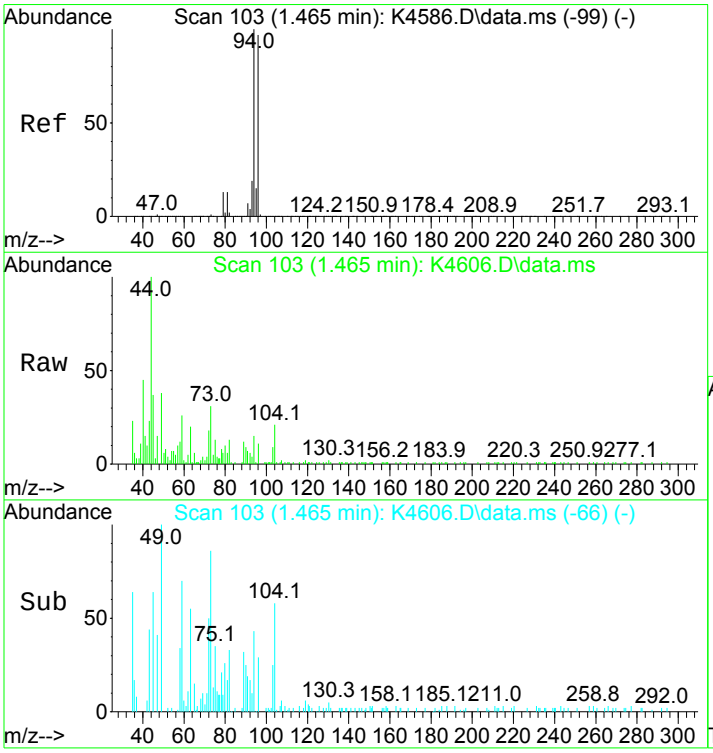
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4606.D
Acq On : 01 Aug 2024 02:40 pm
Operator : K.Ruest
Sample : R2406752-002
Misc : DAY 8260 T4
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 01 14:56:29 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

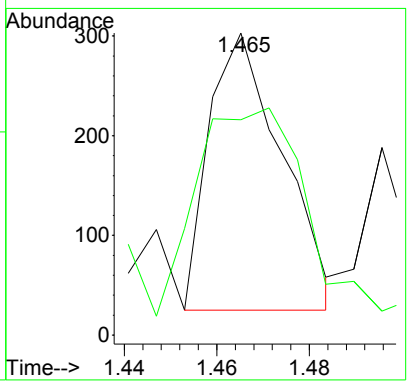


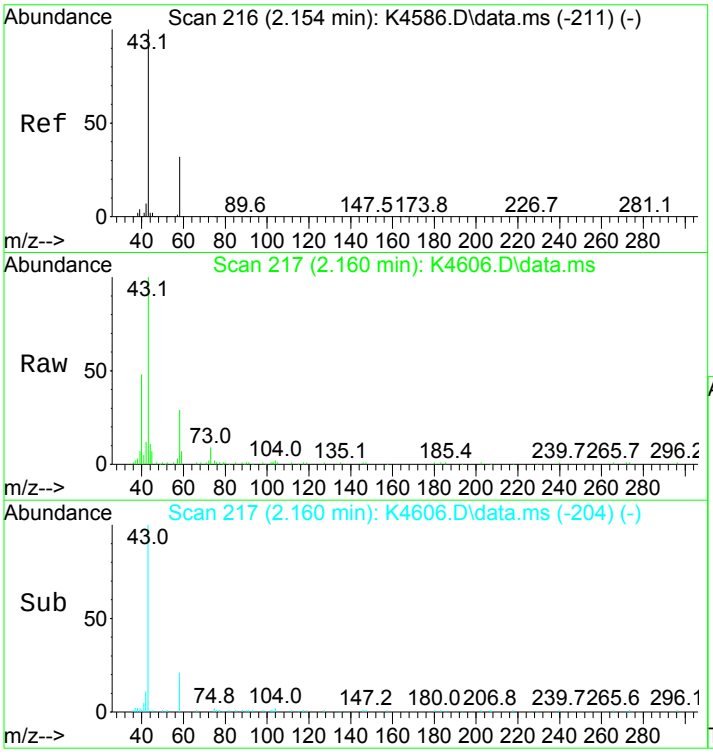


#6
Bromomethane
Concen: Below Cal
RT: 1.465 min Scan# 103
Delta R.T. 0.000 min
Lab File: K4606.D
Acq: 01 Aug 2024 02:40 pm

Tgt Ion: 94 Resp: 305

Ion	Ratio	Lower	Upper
94	100		
96	71.3	76.6	116.6#

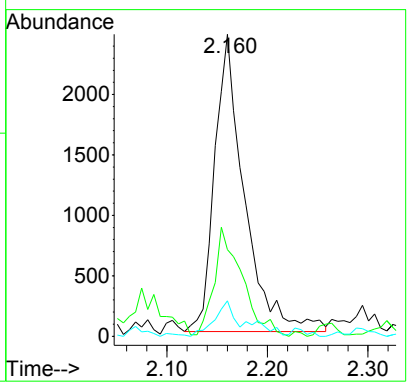


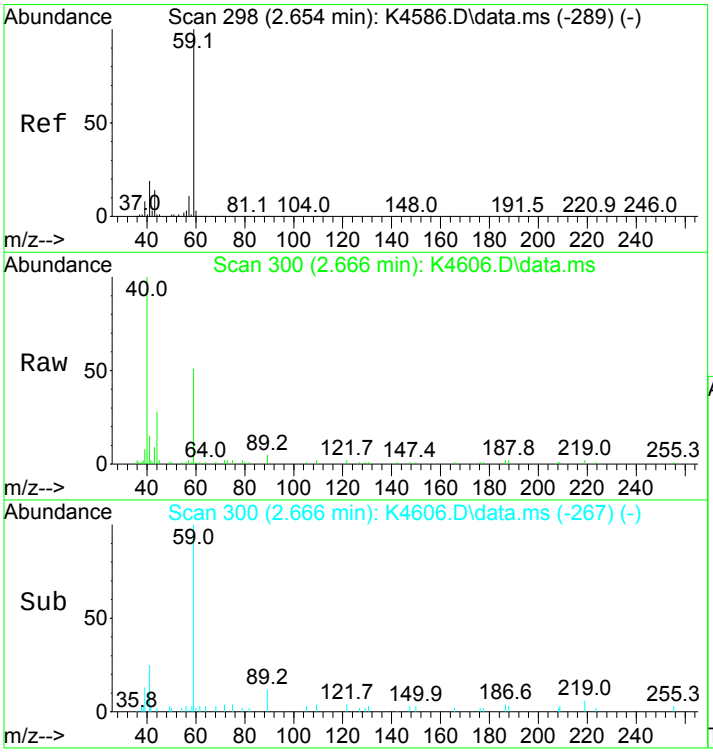


#16
Acetone
Concen: 1.73 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: K4606.D
Acq: 01 Aug 2024 02:40 pm

Tgt Ion: 43 Resp: 5066

Ion	Ratio	Lower	Upper
43	100		
58	28.7	11.5	51.5
42	11.7	0.0	27.3

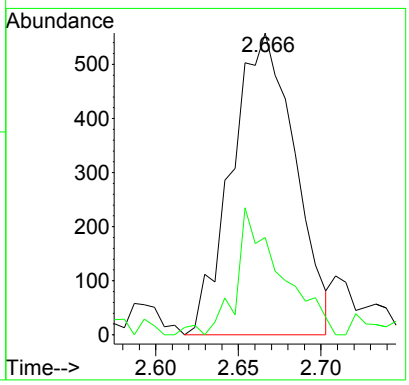


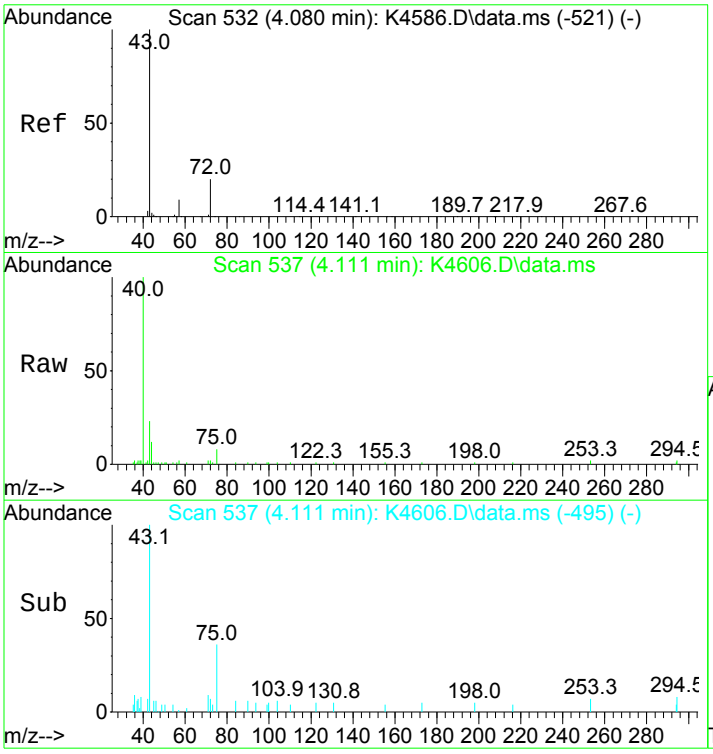


#23
TBA
Concen: 1.39 ug/L
RT: 2.666 min Scan# 300
Delta R.T. 0.012 min
Lab File: K4606.D
Acq: 01 Aug 2024 02:40 pm

Tgt Ion: 59 Resp: 1482

Ion	Ratio	Lower	Upper
59	100		
41	32.3	0.0	39.7

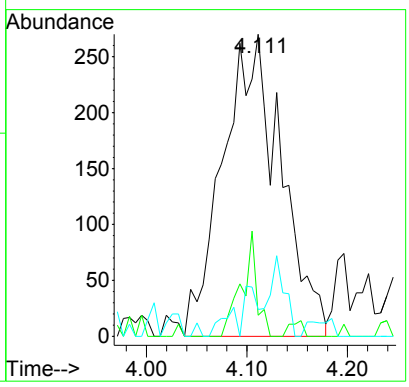


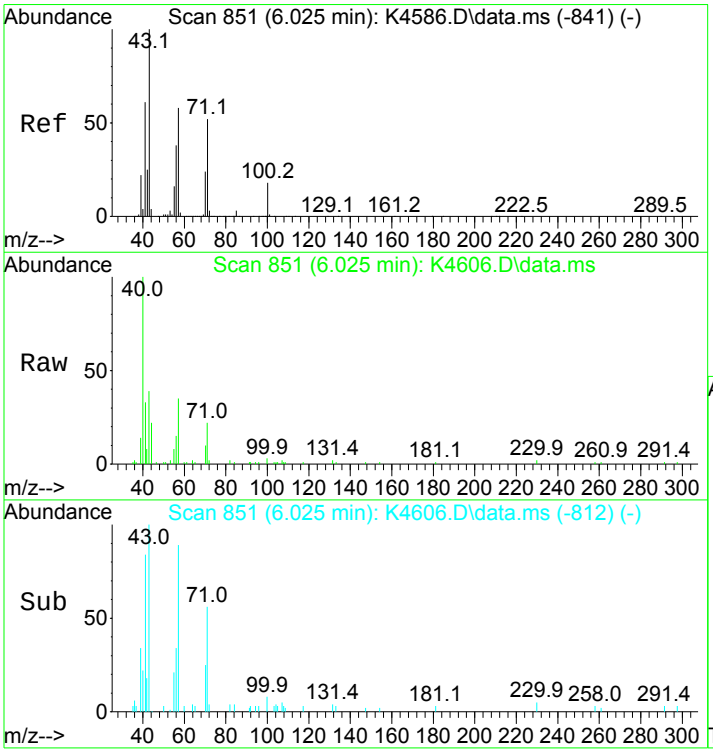


#34
2-Butanone
Concen: 0.31 ug/L
RT: 4.111 min Scan# 537
Delta R.T. 0.031 min
Lab File: K4606.D
Acq: 01 Aug 2024 02:40 pm

Tgt Ion: 43 Resp: 1080

Ion	Ratio	Lower	Upper
43	100		
72	7.0	1.2	41.2
57	8.9	0.0	29.2

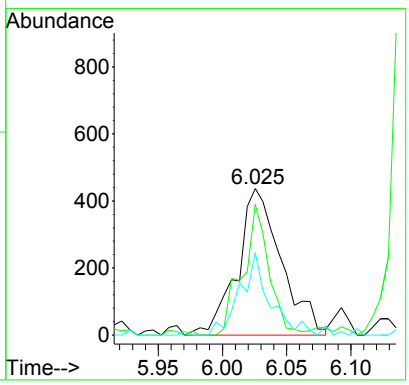


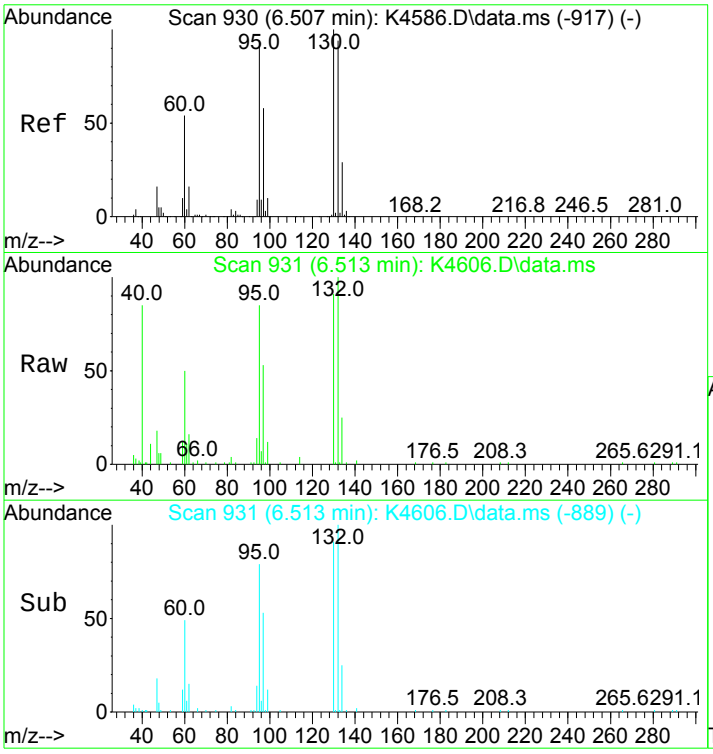


#51
n-Heptane
Concen: 0.21 ug/L
RT: 6.025 min Scan# 851
Delta R.T. 0.000 min
Lab File: K4606.D
Acq: 01 Aug 2024 02:40 pm

Tgt Ion: 43 Resp: 1042

Ion	Ratio	Lower	Upper
43	100		
57	89.2	37.2	77.2#
71	56.3	32.3	72.3

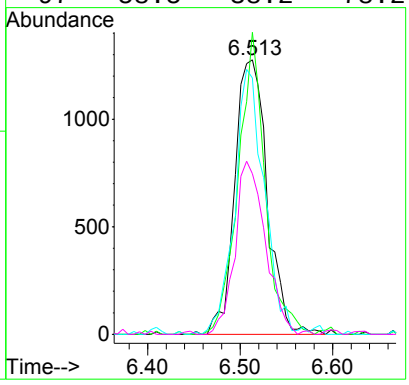


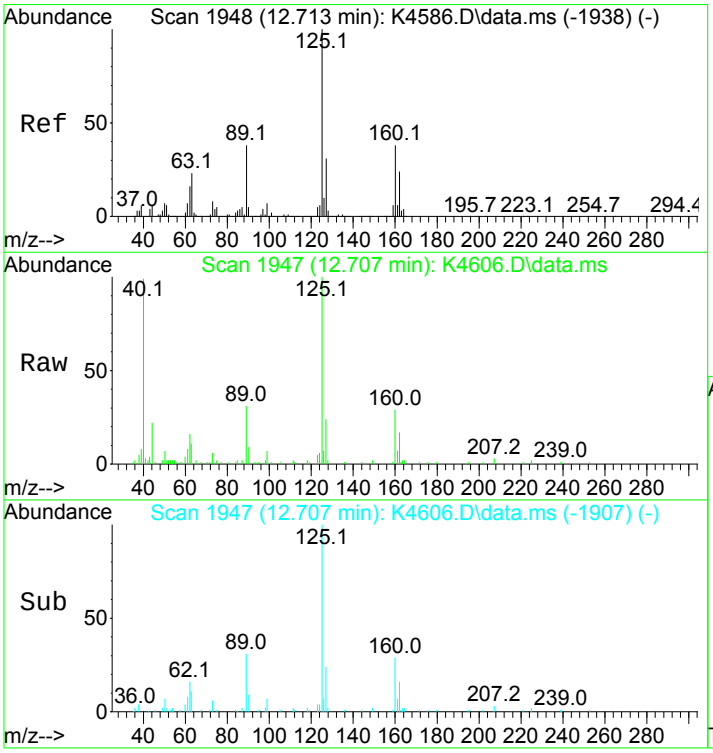


#53
Trichloroethene
Concen: 0.79 ug/L
RT: 6.513 min Scan# 931
Delta R.T. 0.006 min
Lab File: K4606.D
Acq: 01 Aug 2024 02:40 pm

Tgt Ion:130 Resp: 3096

Ion	Ratio	Lower	Upper
130	100		
132	110.0	74.0	114.0
95	93.3	74.1	114.1
97	58.5	38.2	78.2

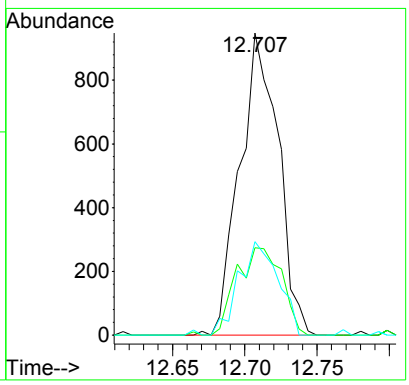




#111
Trielution Dichlorotoluene
Concen: 0.24 ug/L
RT: 12.707 min Scan# 1947
Delta R.T. -0.006 min
Lab File: K4606.D
Acq: 01 Aug 2024 02:40 pm

Tgt Ion:125 Resp: 1751

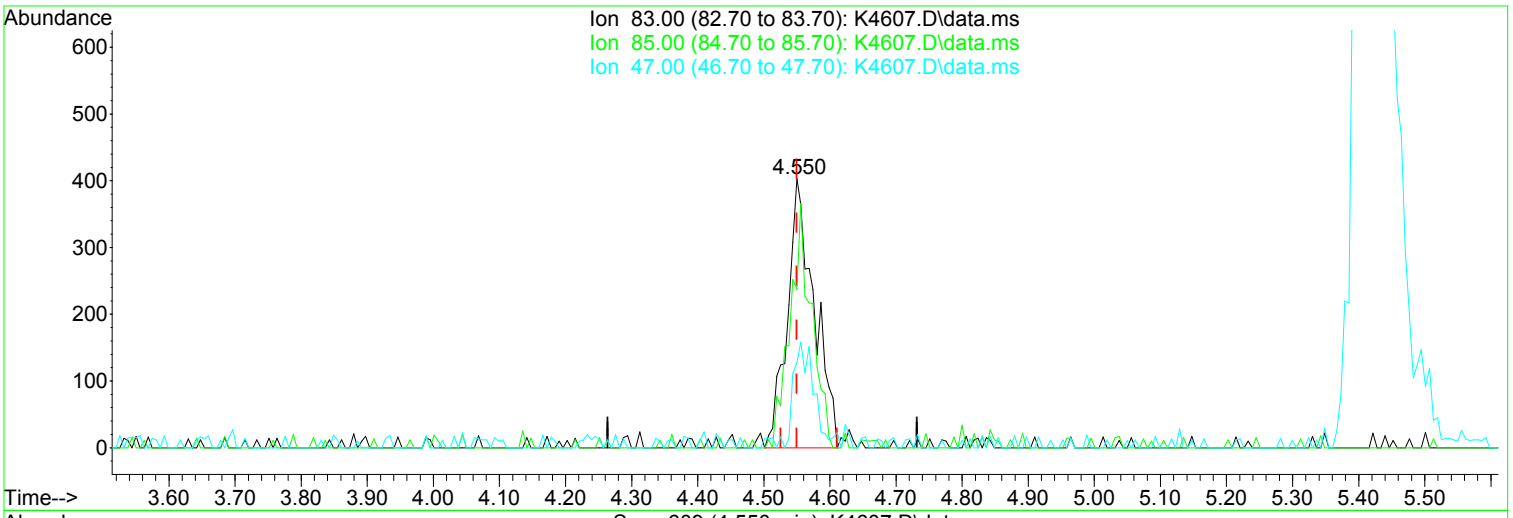
Ion	Ratio	Lower	Upper
125	100		
160	28.9	18.0	58.0
89	30.9	17.9	57.9

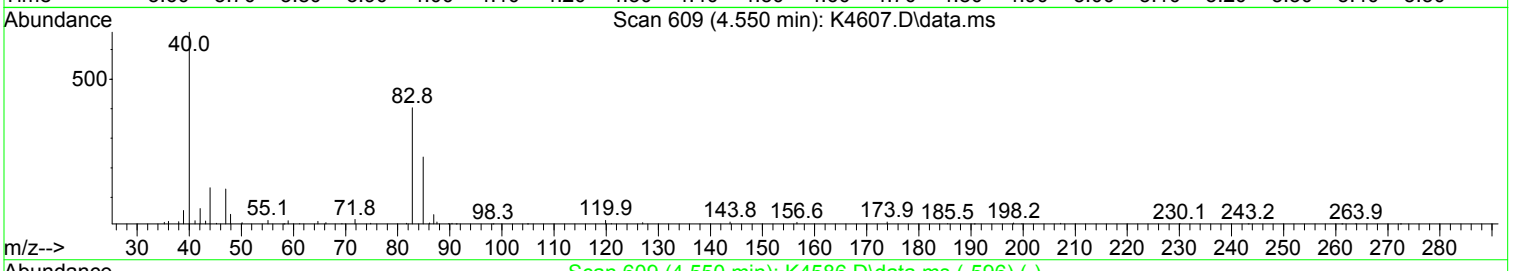


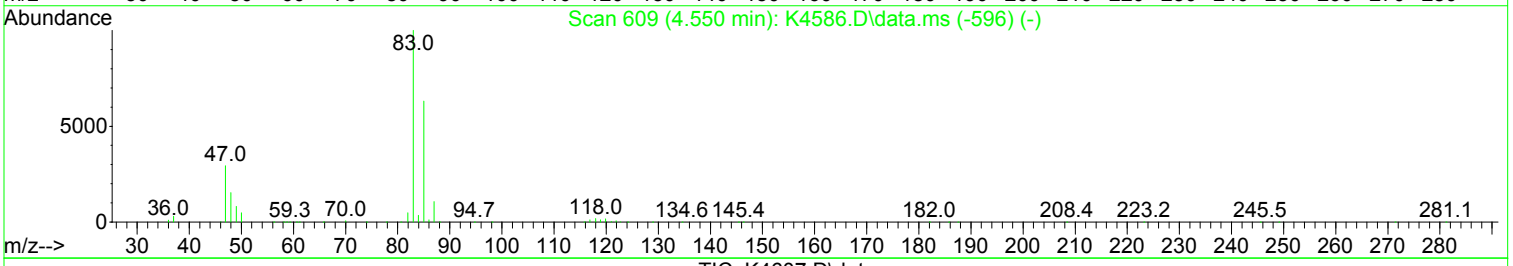
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4607.D
Acq On : 01 Aug 2024 03:03 pm
Operator : K.Ruest
Sample : R2406752-003
Misc : DAY 8260 T4
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 01 15:19:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4607.D\data.ms

(39) Chloroform (P)

4.550min (0.000) 0.18 ug/L m

response 1136

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.10	58.81
47.00	29.60	31.76
0.00	0.00	0.00

Manual Integration:

After

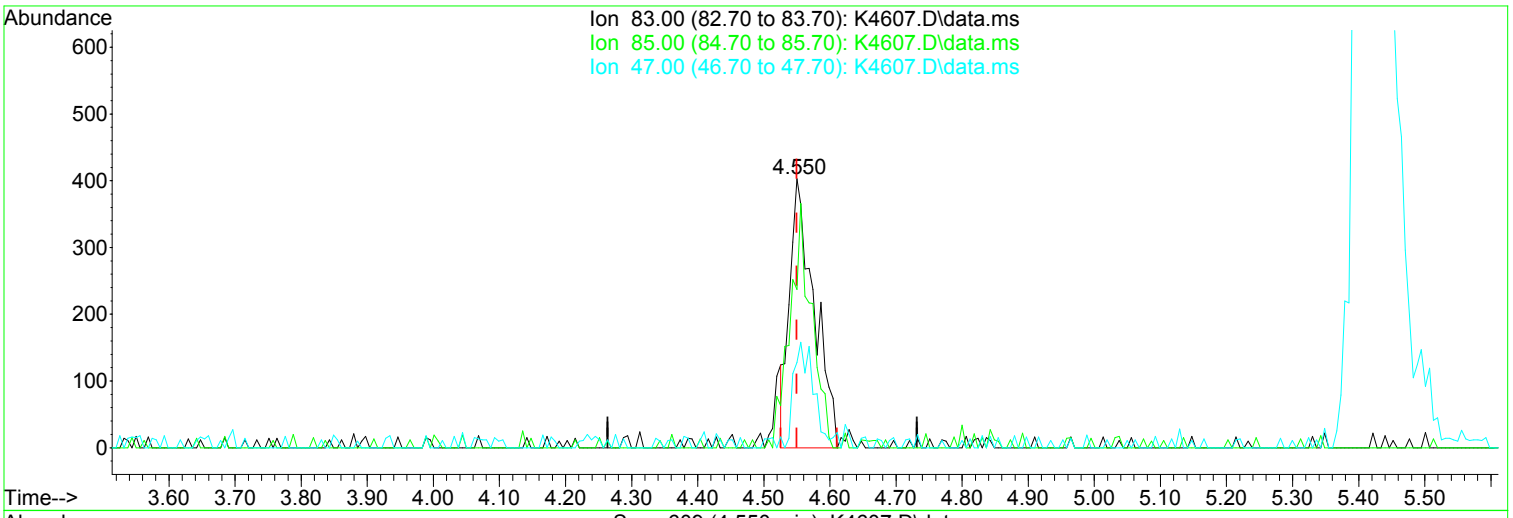
Poor integration.

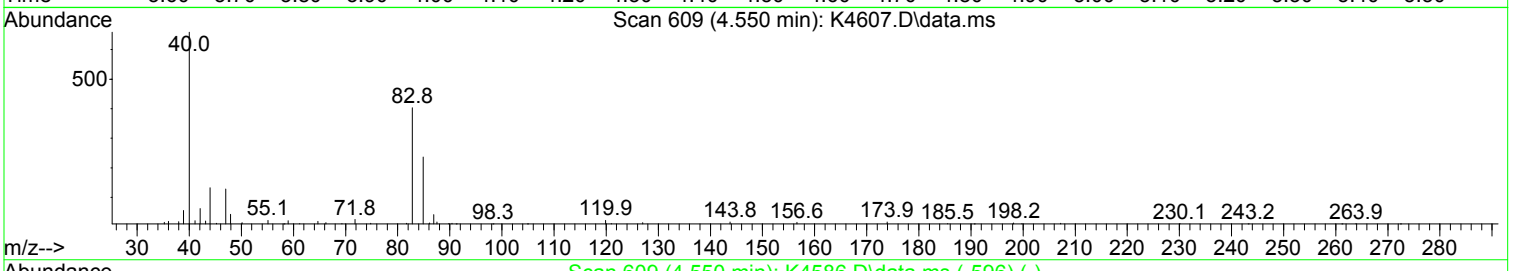
08/01/24

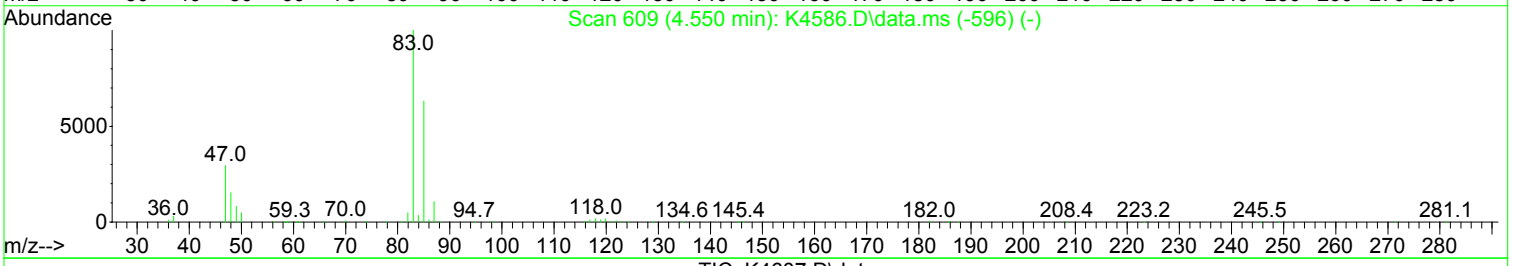
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4607.D
Acq On : 01 Aug 2024 03:03 pm
Operator : K.Ruest
Sample : R2406752-003
Misc : DAY 8260 T4
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 01 15:19:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4607.D\data.ms

(39) Chloroform (P)

4.550min (0.000) 0.17 ug/L

response 1034

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.10	58.81
47.00	29.60	31.76
0.00	0.00	0.00

Manual Integration:

Before

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4607.D
Acq On : 01 Aug 2024 03:03 pm
Operator : K.Ruest
Sample : R2406752-003
Misc : DAY 8260 T4
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 01 15:19:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

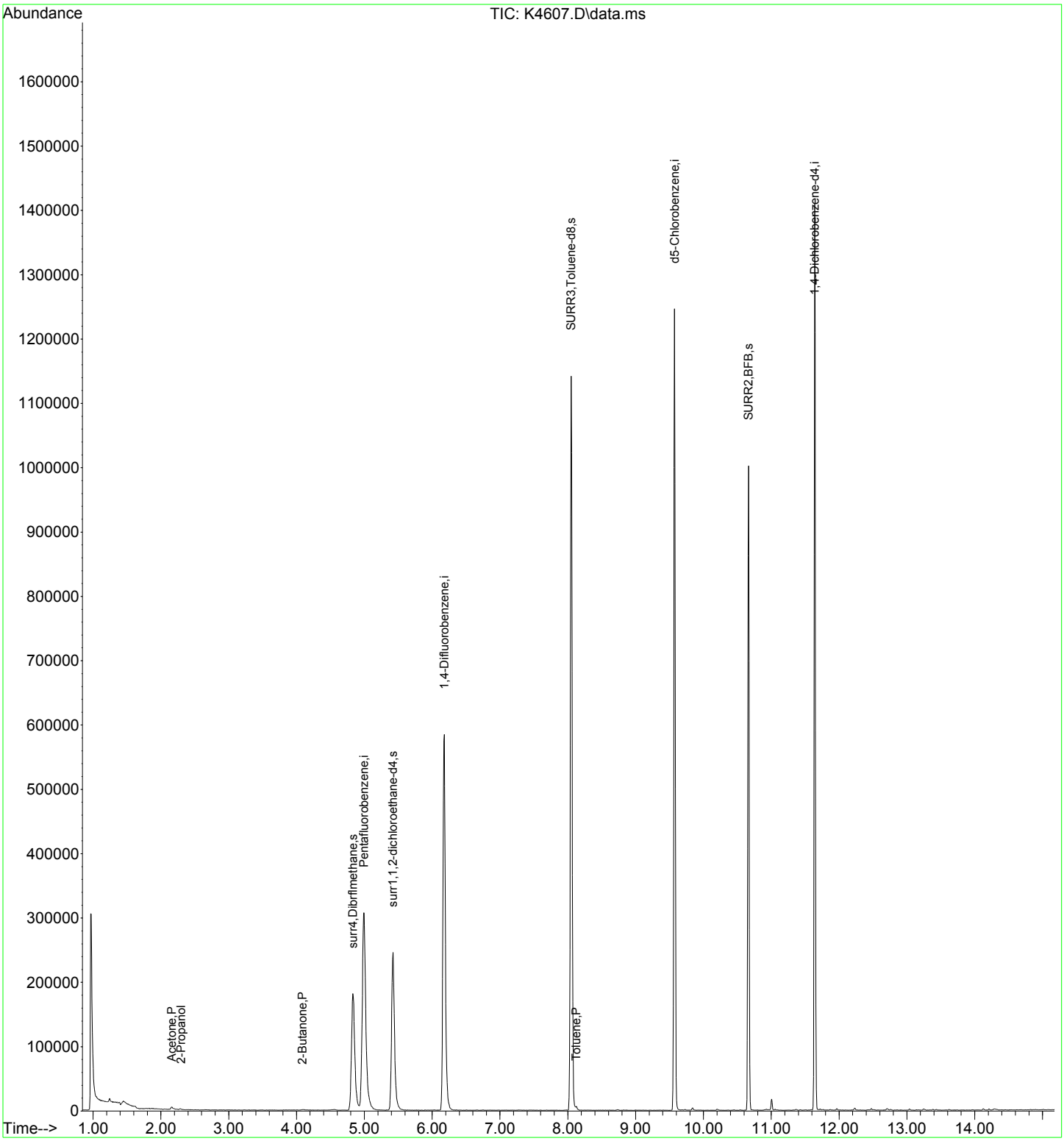
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	350701	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	595584	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	530292	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	248554	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	192361	51.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 103.56%			
47) surr1,1,2-dichloroetha...	5.422	65	273372	53.83	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 107.66%			
64) SURR3,Toluene-d8	8.049	98	704202	51.65	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 103.30%			
69) SURR2,BFB	10.665	95	265869	49.60	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 99.20%			
Target Compounds						Qvalue
16) Acetone	2.160	43	5271	1.878	ug/L	97
17) 2-Propanol	2.294	45	1788	3.230	ug/L	98
34) 2-Butanone	4.087	43	1678	0.501	ug/L	78
65) Toluene	8.122	91	3083	0.213	ug/L	86

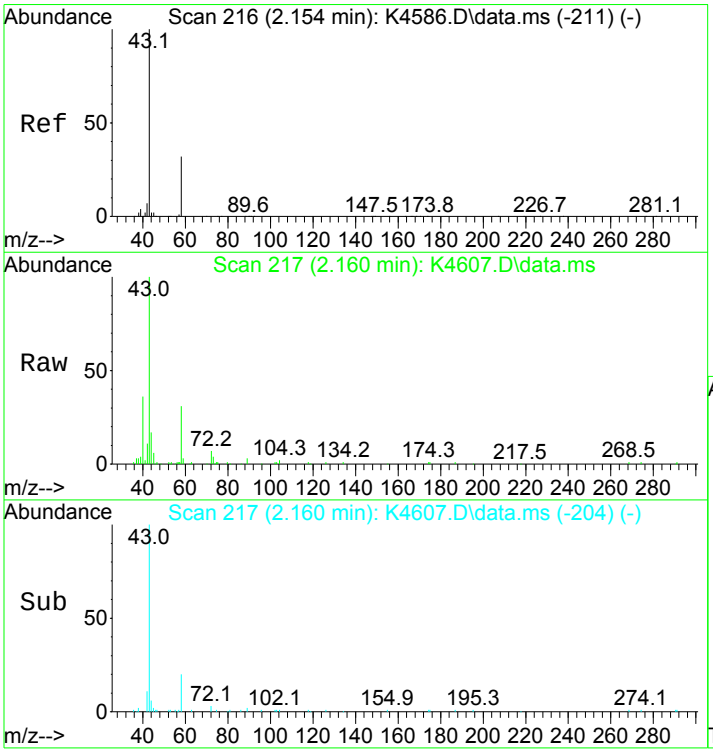
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4607.D
Acq On : 01 Aug 2024 03:03 pm
Operator : K.Ruest
Sample : R2406752-003
Misc : DAY 8260 T4
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 01 15:19:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

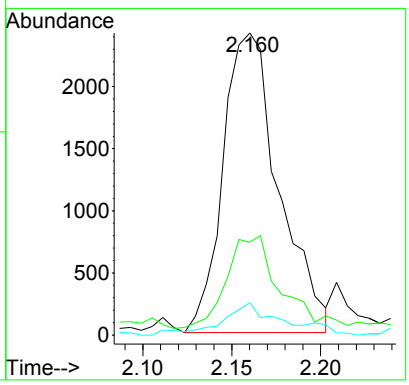


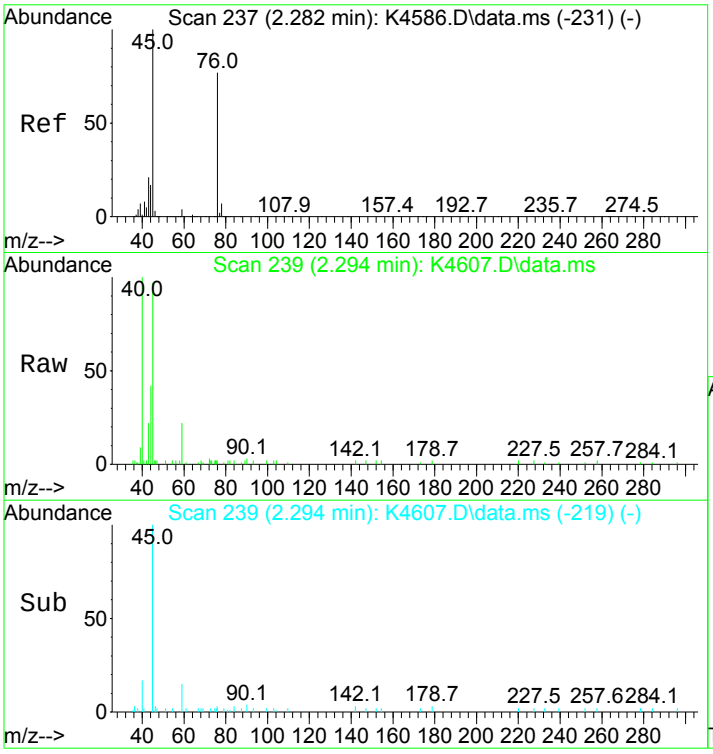


#16
Acetone
Concen: 1.88 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: K4607.D
Acq: 01 Aug 2024 03:03 pm

Tgt Ion: 43 Resp: 5271

Ion	Ratio	Lower	Upper
43	100		
58	30.7	11.5	51.5
42	10.8	0.0	27.3

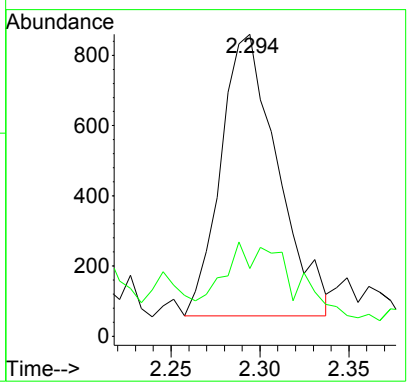


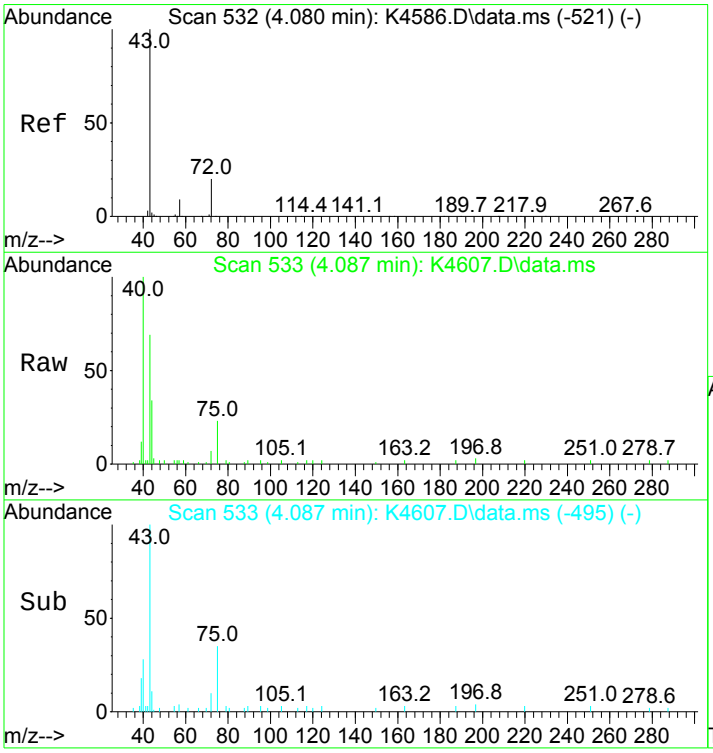


#17
2-Propanol
Concen: 3.23 ug/L
RT: 2.294 min Scan# 239
Delta R.T. 0.012 min
Lab File: K4607.D
Acq: 01 Aug 2024 03:03 pm

Tgt Ion: 45 Resp: 1788

Ion	Ratio	Lower	Upper
45	100		
43	22.4	1.4	41.4

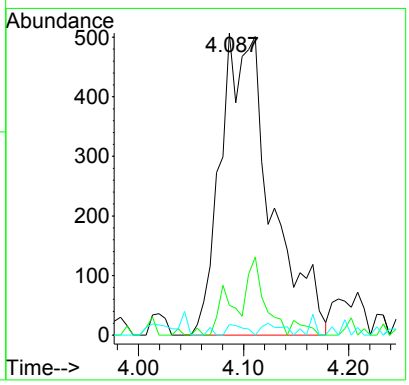


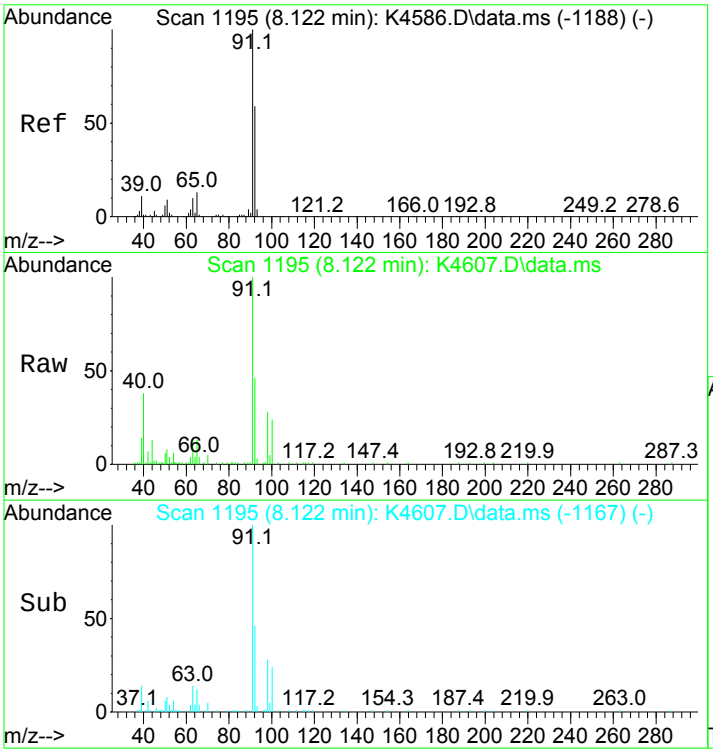


#34
2-Butanone
Concen: 0.50 ug/L
RT: 4.087 min Scan# 533
Delta R.T. 0.006 min
Lab File: K4607.D
Acq: 01 Aug 2024 03:03 pm

Tgt Ion: 43 Resp: 1678

Ion	Ratio	Lower	Upper
43	100		
72	9.9	1.2	41.2
57	3.6	0.0	29.2

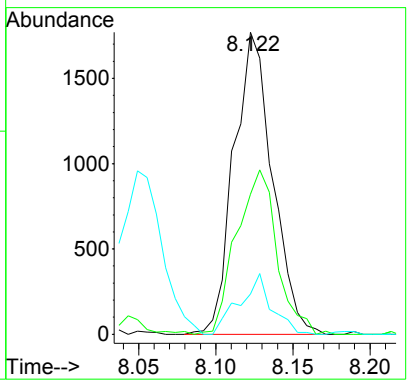




#65
Toluene
Concen: 0.21 ug/L
RT: 8.122 min Scan# 1195
Delta R.T. 0.000 min
Lab File: K4607.D
Acq: 01 Aug 2024 03:03 pm

Tgt Ion: 91 Resp: 3083

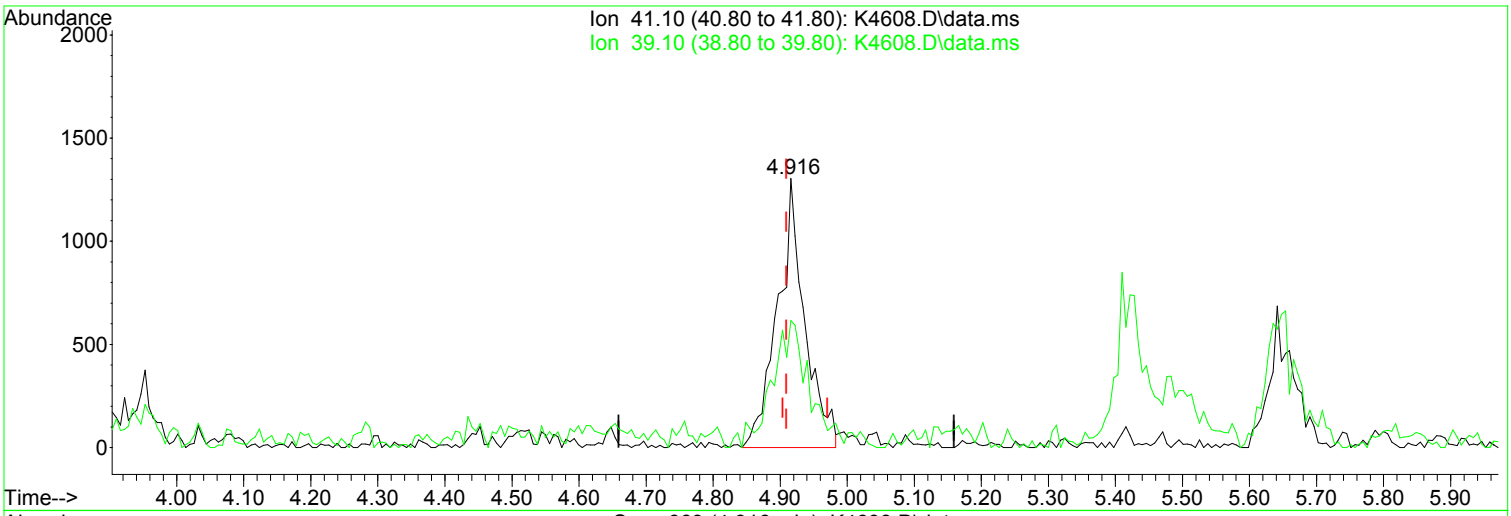
Ion	Ratio	Lower	Upper
91	100		
92	46.4	39.0	79.0
65	13.3	0.0	32.8

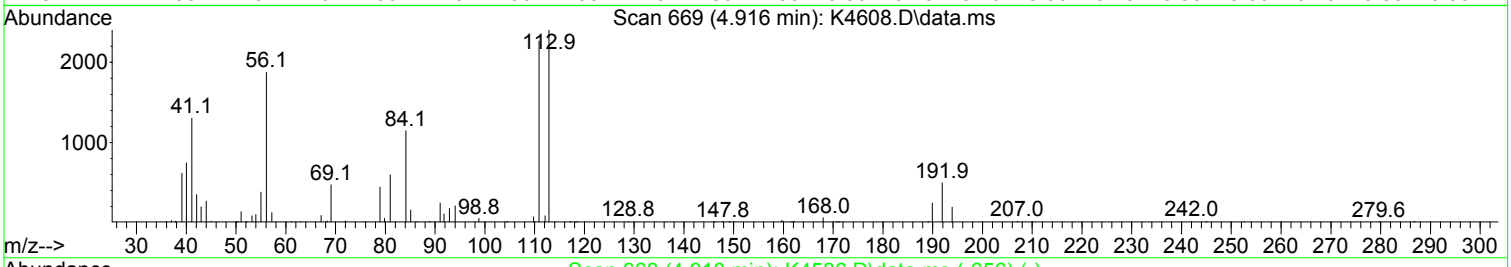


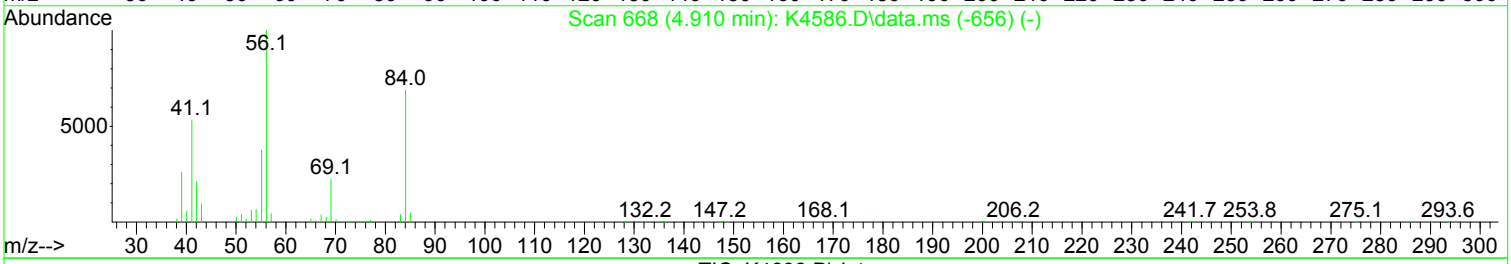
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4608.D
Acq On : 01 Aug 2024 03:26 pm
Operator : K.Ruest
Sample : R2406752-004
Misc : DAY 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 01 15:42:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4608.D\data.ms

(43) Cyclohexane (P)

4.916min (+ 0.006) 1.02 ug/L m

response 3677

Ion	Exp%	Act%
41.10	100.00	100.00
39.10	49.00	47.24
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

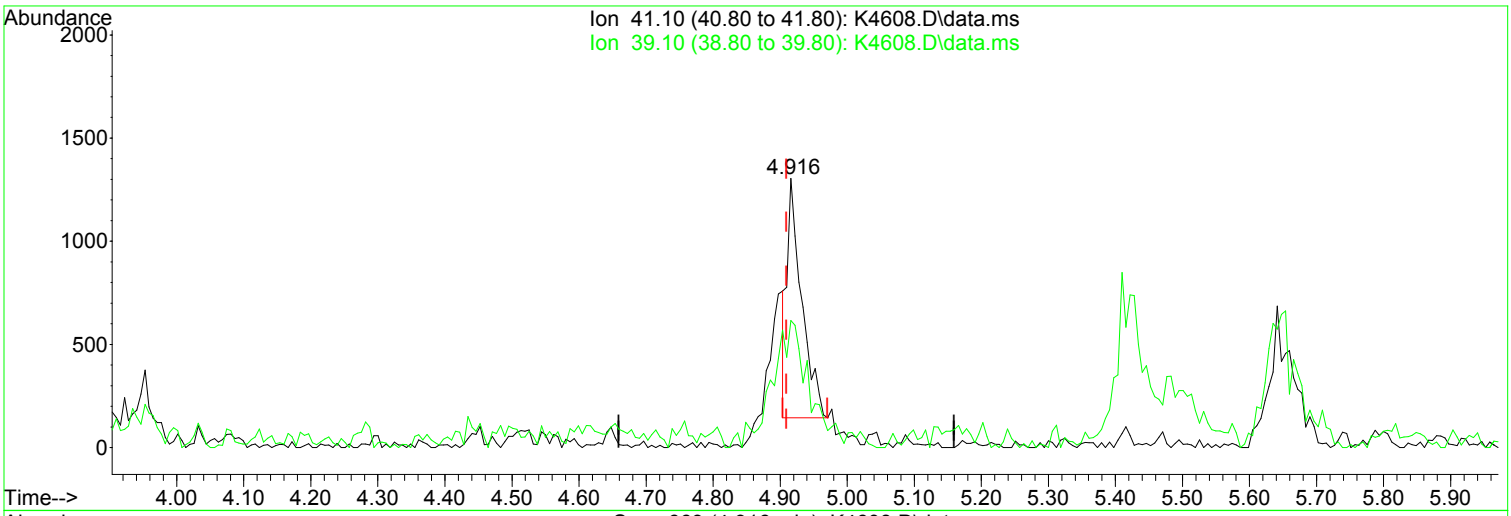
Split Peak.

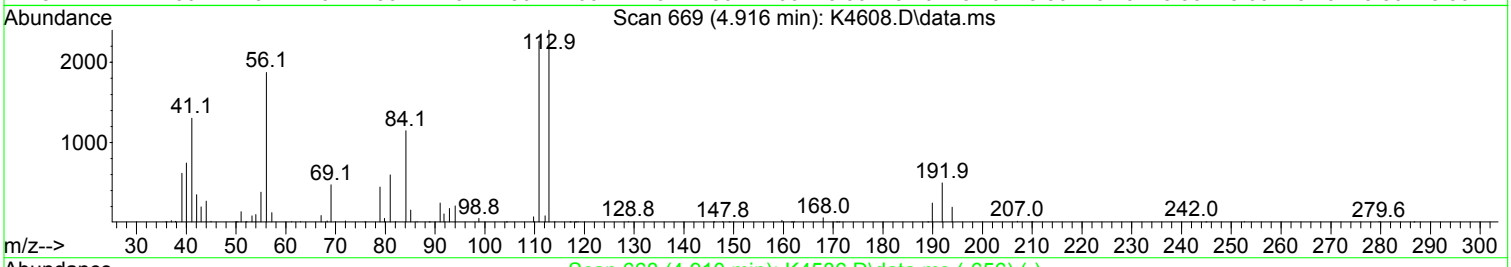
08/01/24

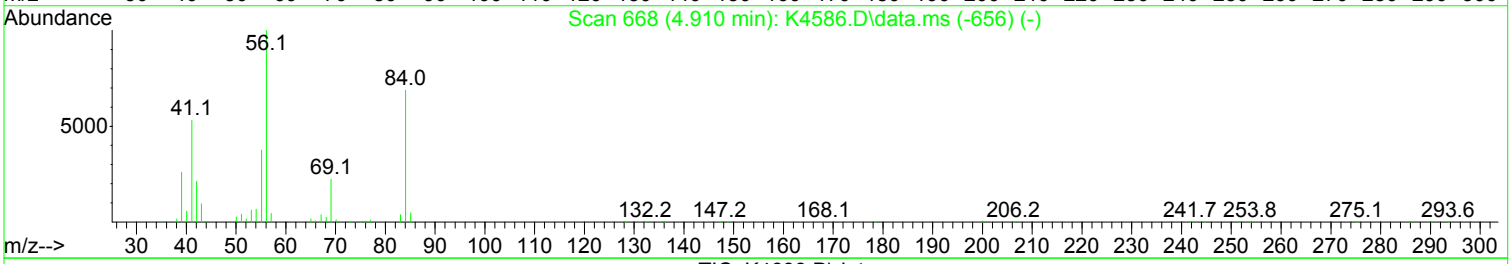
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4608.D
Acq On : 01 Aug 2024 03:26 pm
Operator : K.Ruest
Sample : R2406752-004
Misc : DAY 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 01 15:42:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4608.D\data.ms

(43) Cyclohexane (P)

4.916min (+ 0.006) 0.48 ug/L

response 1752

Ion	Exp%	Act%
41.10	100.00	100.00
39.10	49.00	47.24
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

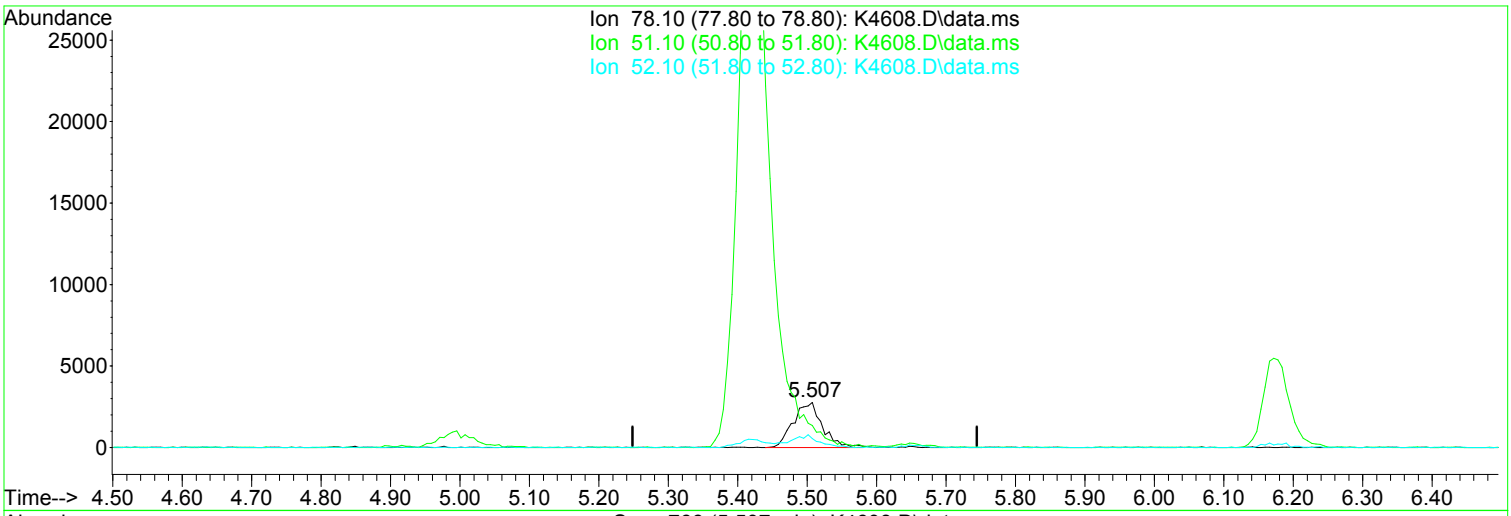
Before

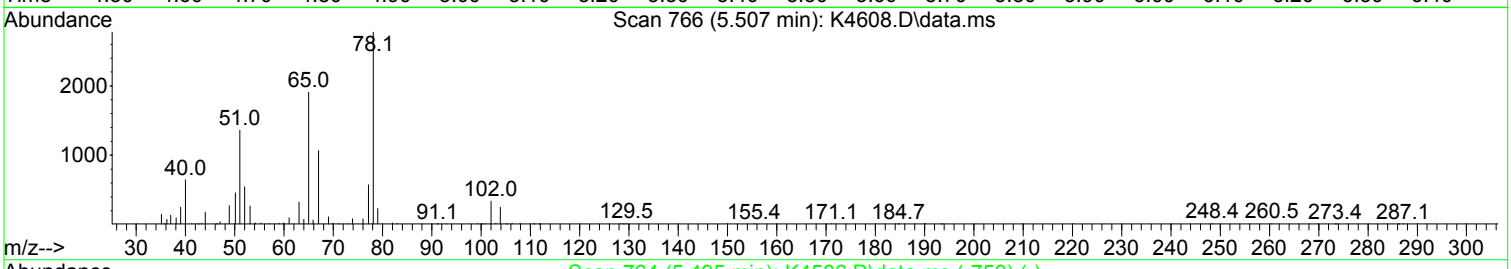
08/01/24

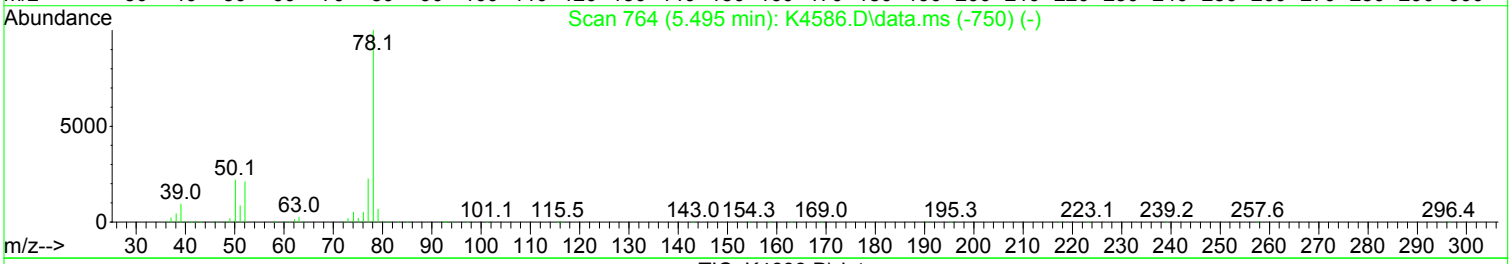
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4608.D
Acq On : 01 Aug 2024 03:26 pm
Operator : K.Ruest
Sample : R2406752-004
Misc : DAY 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 01 15:42:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4608.D\data.ms

(48) Benzene (P)

5.507min (+ 0.012) 0.61 ug/L m

response 8014

Ion	Exp%	Act%
78.10	100.00	100.00
51.10	23.10	49.10#
52.10	21.20	19.72
0.00	0.00	0.00

Manual Integration:

After

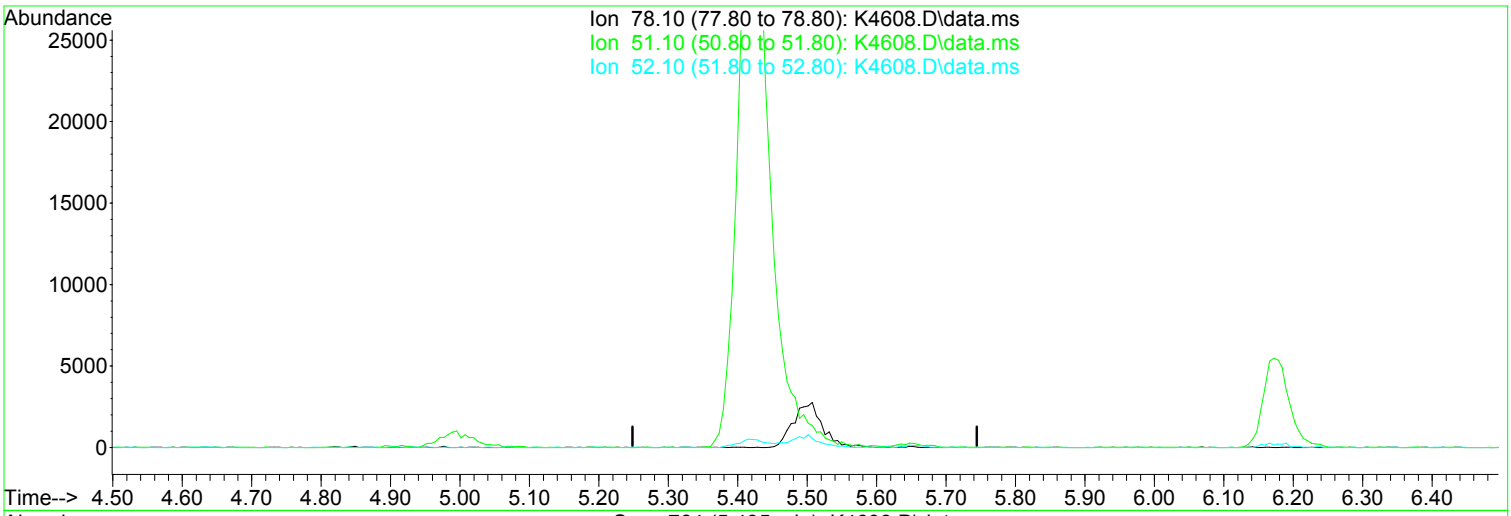
Peak not found.

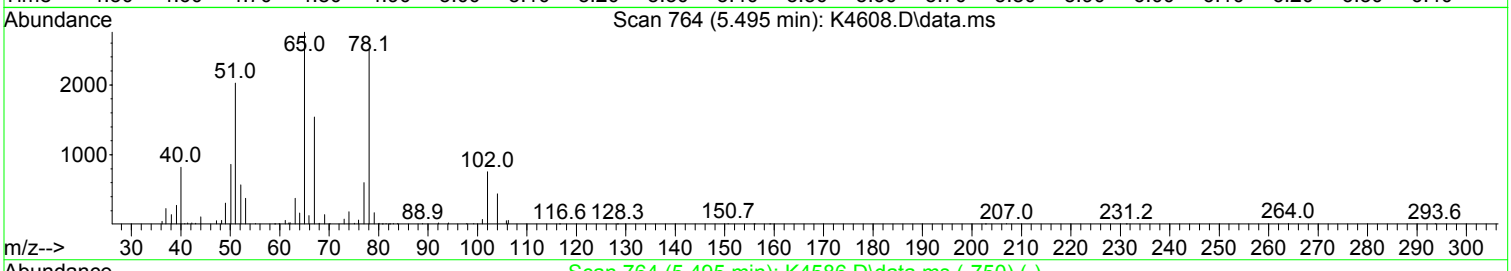
08/01/24

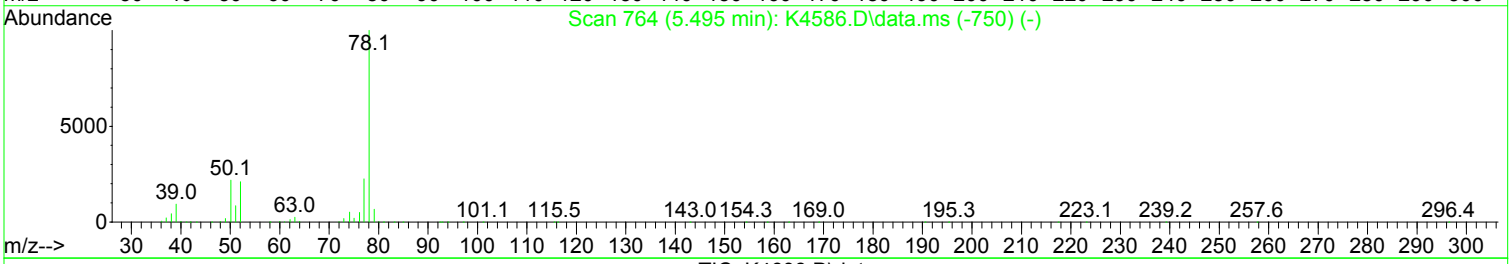
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4608.D
Acq On : 01 Aug 2024 03:26 pm
Operator : K.Ruest
Sample : R2406752-004
Misc : DAY 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 01 15:42:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4608.D\data.ms

(48) Benzene (P)

5.495min (-5.495) 0.00 ug/L

response 0

Ion	Exp%	Act%
78.10	100.00	0.00
51.10	23.10	0.00#
52.10	21.20	0.00#
0.00	0.00	0.00

Manual Integration:

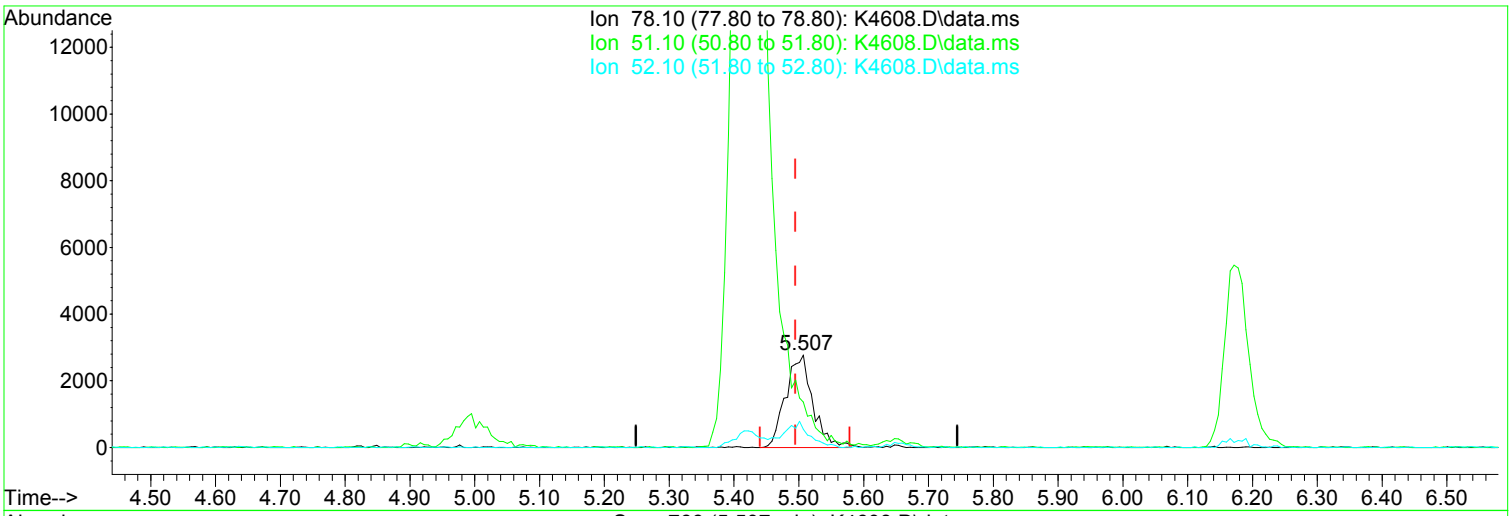
Before

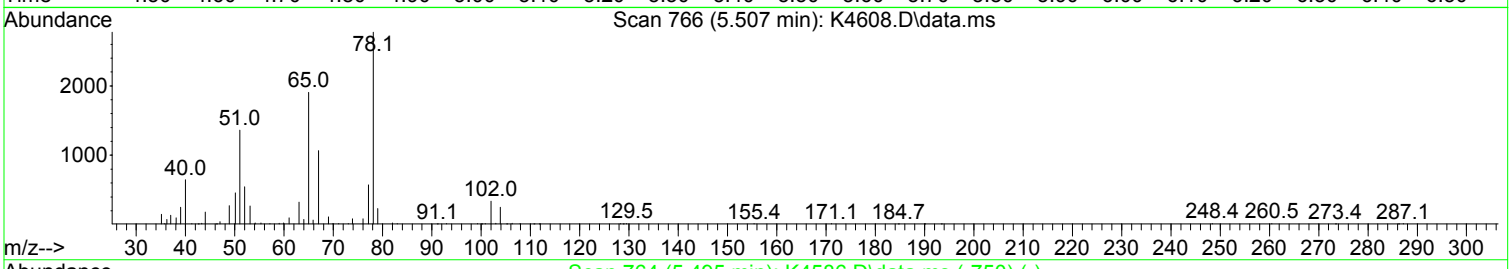
08/01/24

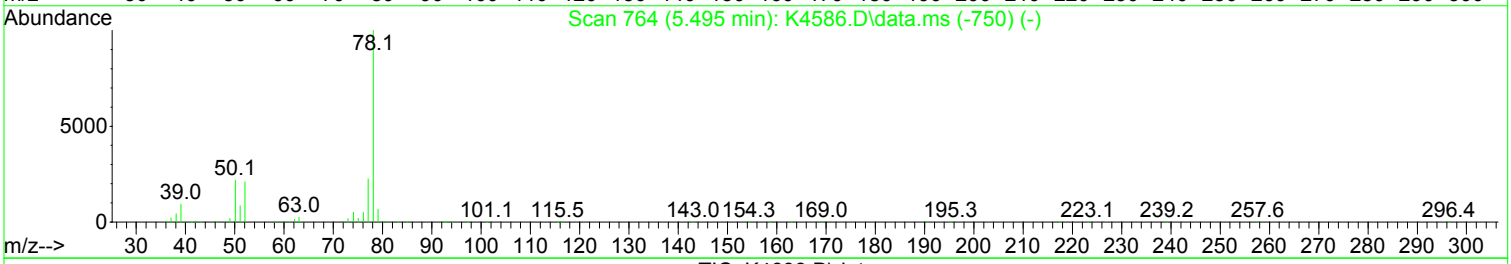
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4608.D
Acq On : 01 Aug 2024 03:26 pm
Operator : K.Ruest
Sample : R2406752-004
Misc : DAY 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 01 15:42:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4608.D\data.ms

(48) Benzene (P)

5.507min (+ 0.012) 0.61 ug/L m

response 8014

Ion	Exp%	Act%
78.10	100.00	100.00
51.10	23.10	49.10#
52.10	21.20	19.72
0.00	0.00	0.00

Manual Integration:

After

Peak not found.

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4608.D
Acq On : 01 Aug 2024 03:26 pm
Operator : K.Ruest
Sample : R2406752-004
Misc : DAY 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 01 15:42:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

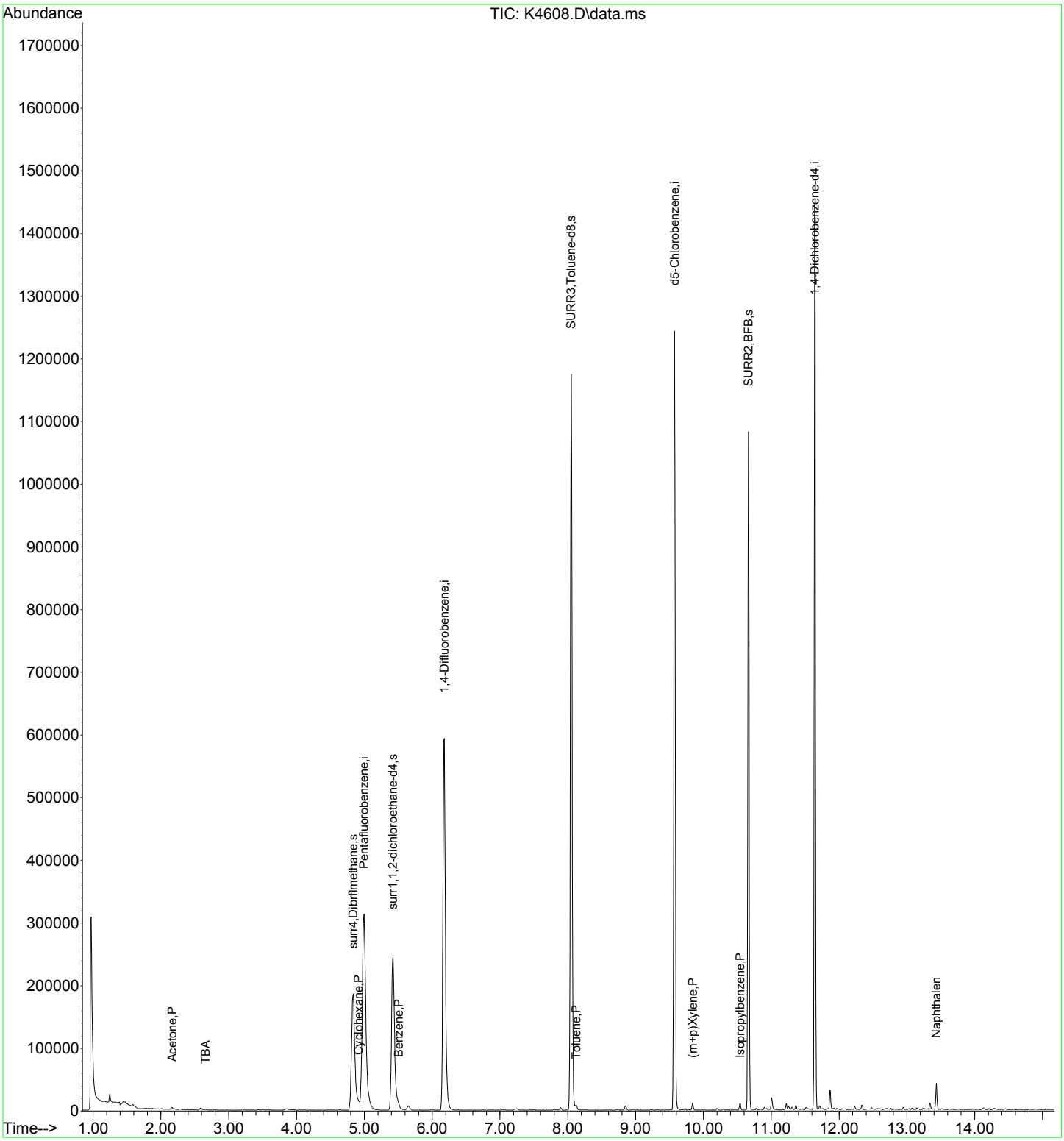
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	360432	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	615103	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	550765	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	253438	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.837	113	195580	50.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 101.94%			
47) surr1,1,2-dichloroetha...	5.422	65	279581	53.31	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 106.62%			
64) SURR3,Toluene-d8	8.049	98	725924	51.56	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 103.12%			
69) SURR2,BFB	10.665	95	280544	50.68	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 101.36%			
Target Compounds						Qvalue
16) Acetone	2.166	43	4508	1.563	ug/L	94
23) TBA	2.660	59	1502	1.424	ug/L	93
43) Cyclohexane	4.916	41	3677m	1.015	ug/L	
48) Benzene	5.507	78	8014m	0.609	ug/L	
65) Toluene	8.123	91	4557	0.305	ug/L	94
82) (m+p)Xylene	9.842	106	2354	0.369	ug/L	96
87) Isopropylbenzene	10.543	105	5716	0.350	ug/L	99
116) Naphthalen	13.433	128	24714	1.349	ug/L	94

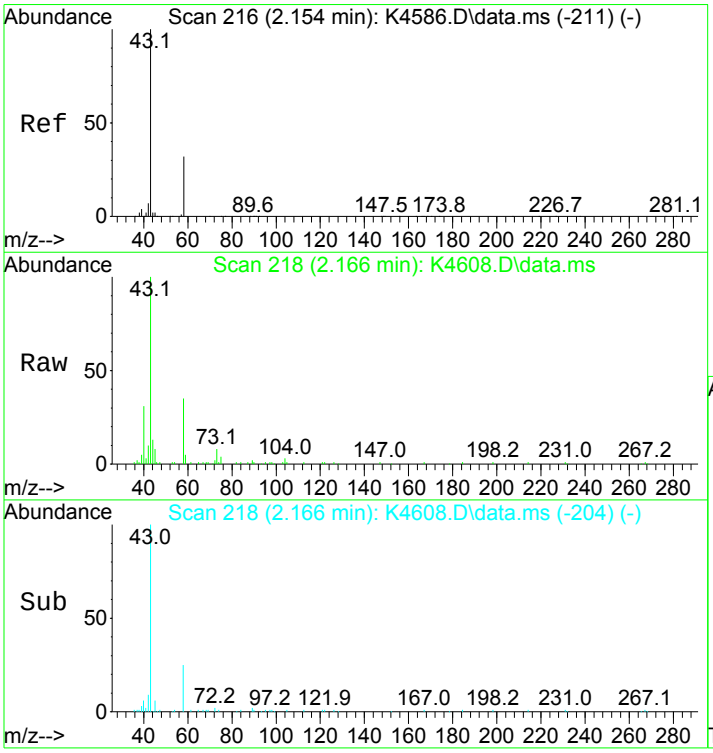
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4608.D
Acq On : 01 Aug 2024 03:26 pm
Operator : K.Ruest
Sample : R2406752-004
Misc : DAY 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 01 15:42:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

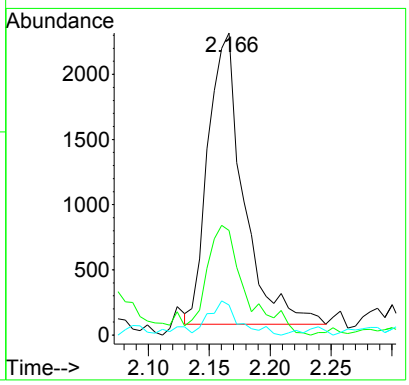


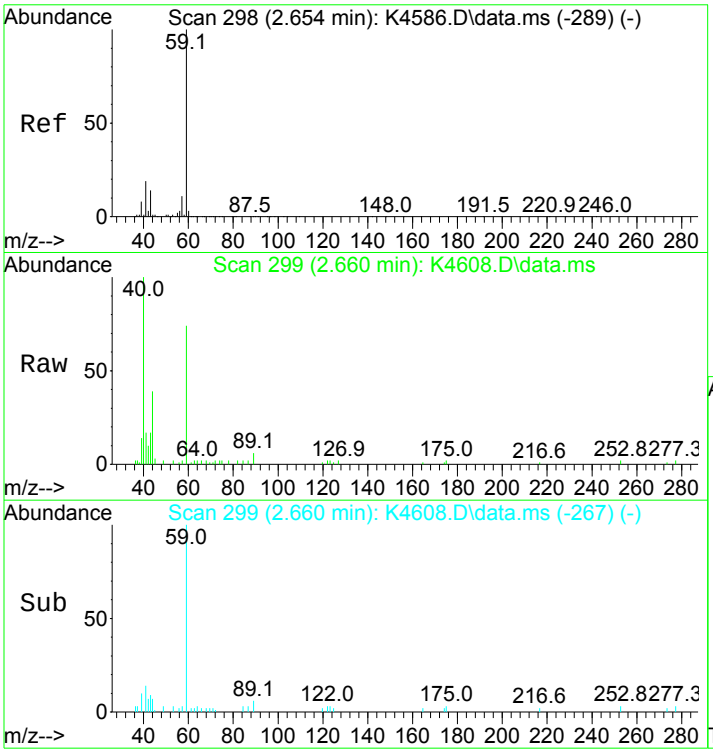


#16
Acetone
Concen: 1.56 ug/L
RT: 2.166 min Scan# 218
Delta R.T. 0.012 min
Lab File: K4608.D
Acq: 01 Aug 2024 03:26 pm

Tgt Ion: 43 Resp: 4508

Ion	Ratio	Lower	Upper
43	100		
58	34.6	11.5	51.5
42	9.9	0.0	27.3

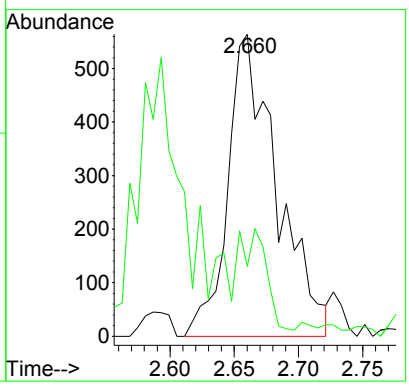


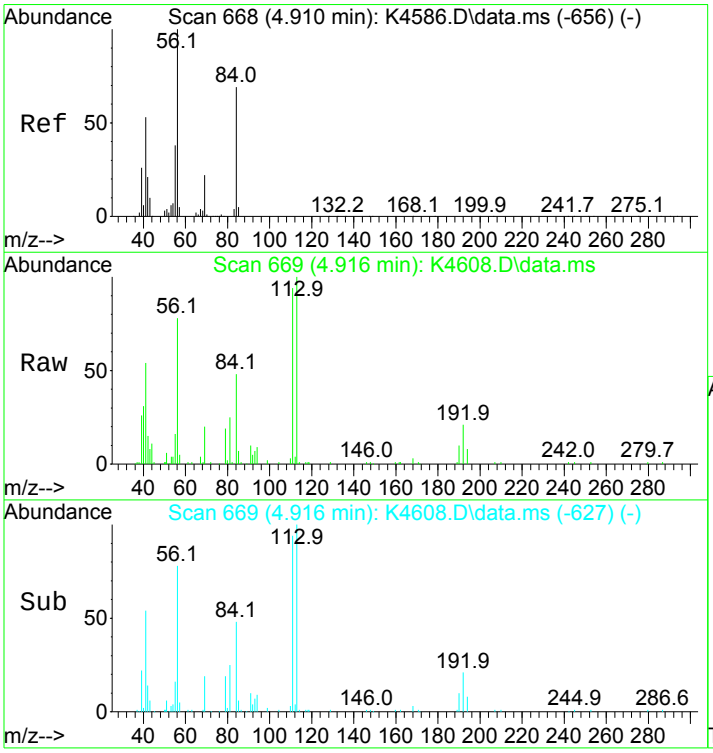


#23
TBA
Concen: 1.42 ug/L
RT: 2.660 min Scan# 299
Delta R.T. 0.006 min
Lab File: K4608.D
Acq: 01 Aug 2024 03:26 pm

Tgt Ion: 59 Resp: 1502

Ion	Ratio	Lower	Upper
59	100		
41	23.0	0.0	39.7

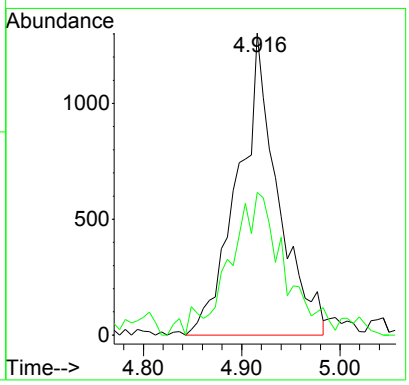


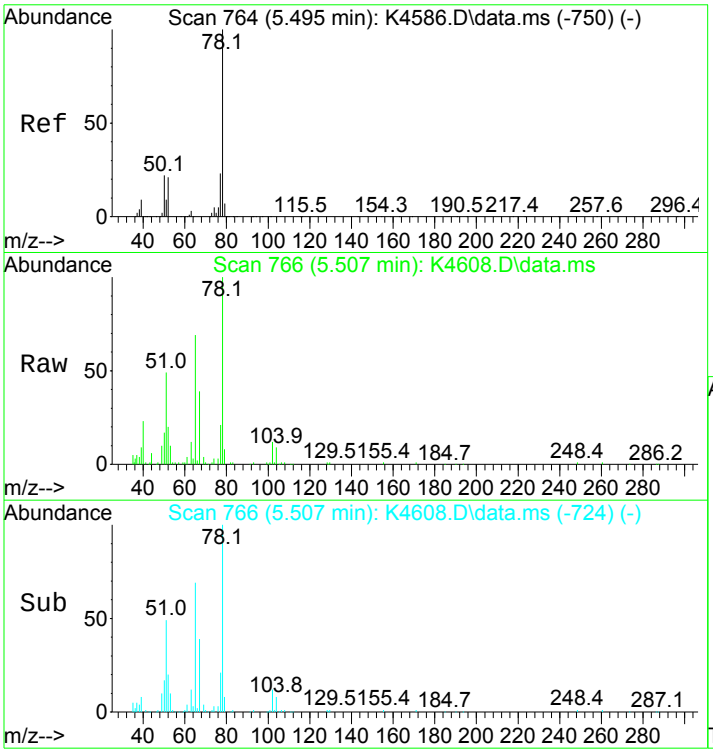


#43
Cyclohexane
Concen: 1.02 ug/L m
RT: 4.916 min Scan# 669
Delta R.T. 0.006 min
Lab File: K4608.D
Acq: 01 Aug 2024 03:26 pm

Tgt Ion: 41 Resp: 3677

Ion	Ratio	Lower	Upper
41	100		
39	47.2	29.0	69.0

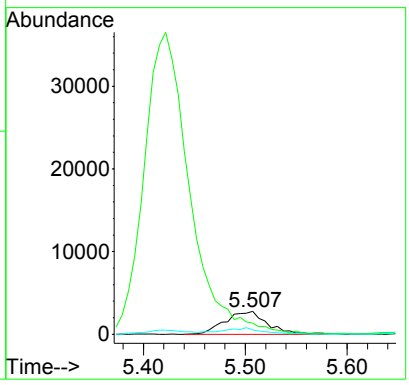


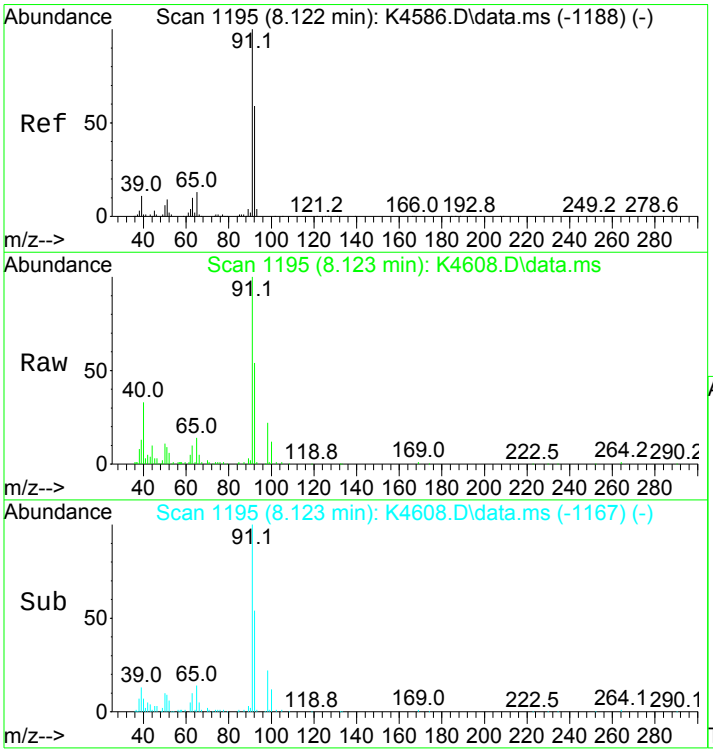


#48
Benzene
Concen: 0.61 ug/L m
RT: 5.507 min Scan# 766
Delta R.T. 0.012 min
Lab File: K4608.D
Acq: 01 Aug 2024 03:26 pm

Tgt Ion: 78 Resp: 8014

Ion	Ratio	Lower	Upper
78	100		
51	49.1	3.1	43.1#
52	19.7	1.2	41.2

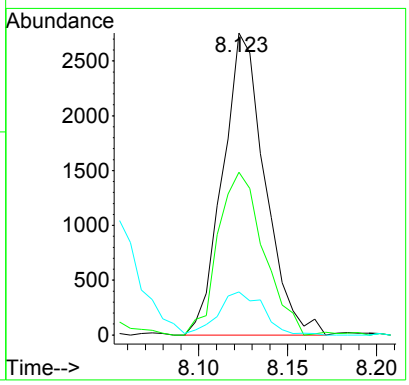


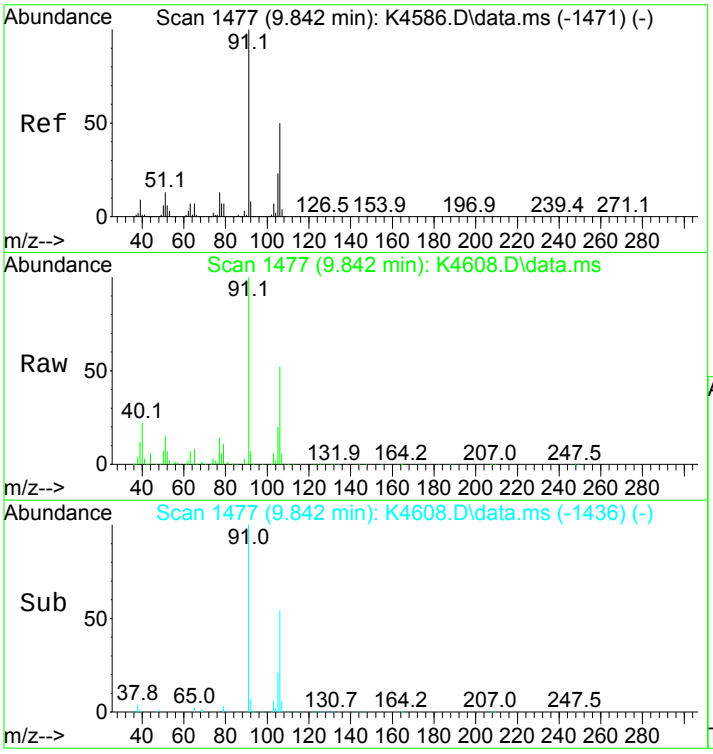


#65
Toluene
Concen: 0.31 ug/L
RT: 8.123 min Scan# 1195
Delta R.T. 0.000 min
Lab File: K4608.D
Acq: 01 Aug 2024 03:26 pm

Tgt Ion: 91 Resp: 4557

Ion	Ratio	Lower	Upper
91	100		
92	53.9	39.0	79.0
65	14.3	0.0	32.8

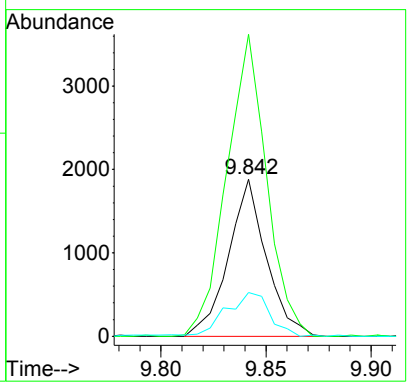


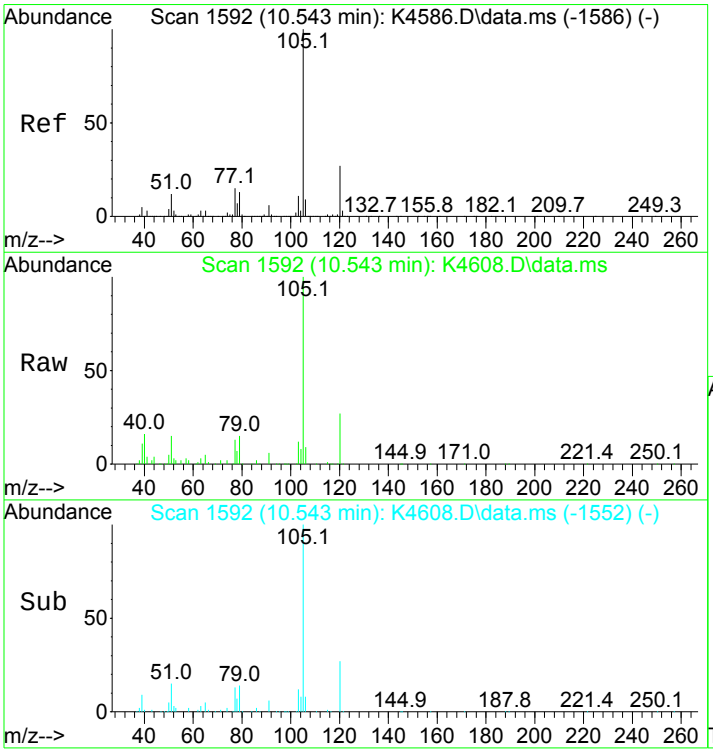


#82
(m+p)Xylene
Concen: 0.37 ug/L
RT: 9.842 min Scan# 1477
Delta R.T. 0.000 min
Lab File: K4608.D
Acq: 01 Aug 2024 03:26 pm

Tgt Ion:106 Resp: 2354

Ion	Ratio	Lower	Upper
106	100		
91	192.4	178.7	218.7
77	27.8	5.9	45.9

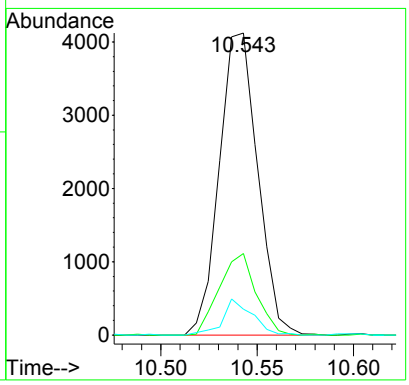


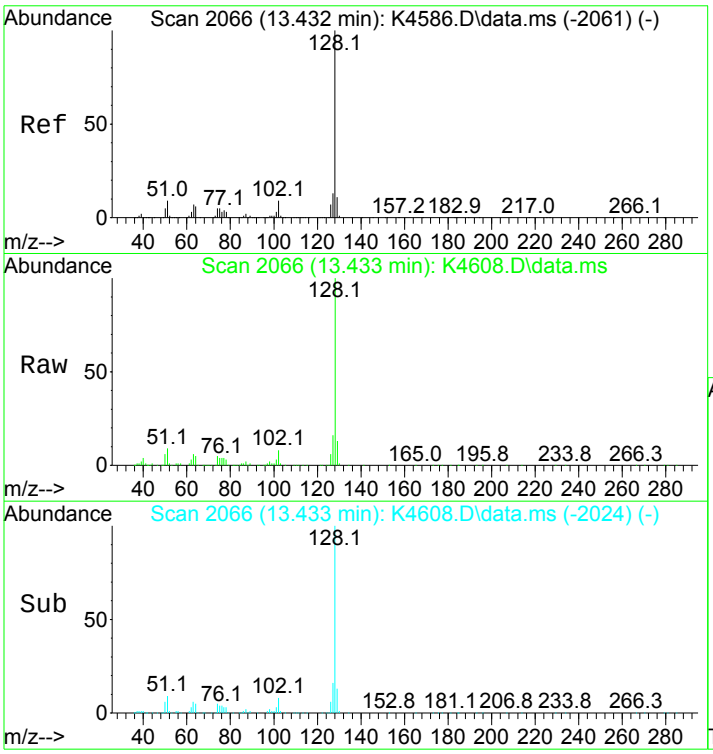


#87
Isopropylbenzene
Concen: 0.35 ug/L
RT: 10.543 min Scan# 1592
Delta R.T. 0.000 min
Lab File: K4608.D
Acq: 01 Aug 2024 03:26 pm

Tgt Ion:105 Resp: 5716

Ion	Ratio	Lower	Upper
105	100		
120	27.0	6.9	46.9
106	8.6	0.0	29.1

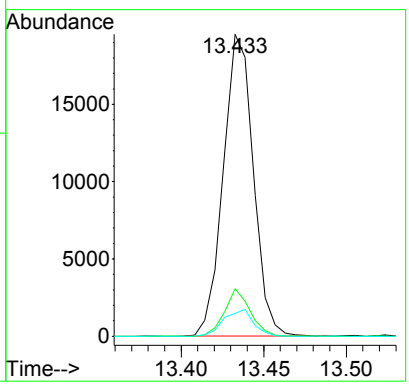




#116
Naphthalen
Concen: 1.35 ug/L
RT: 13.433 min Scan# 2066
Delta R.T. 0.000 min
Lab File: K4608.D
Acq: 01 Aug 2024 03:26 pm

Tgt Ion:128 Resp: 24714

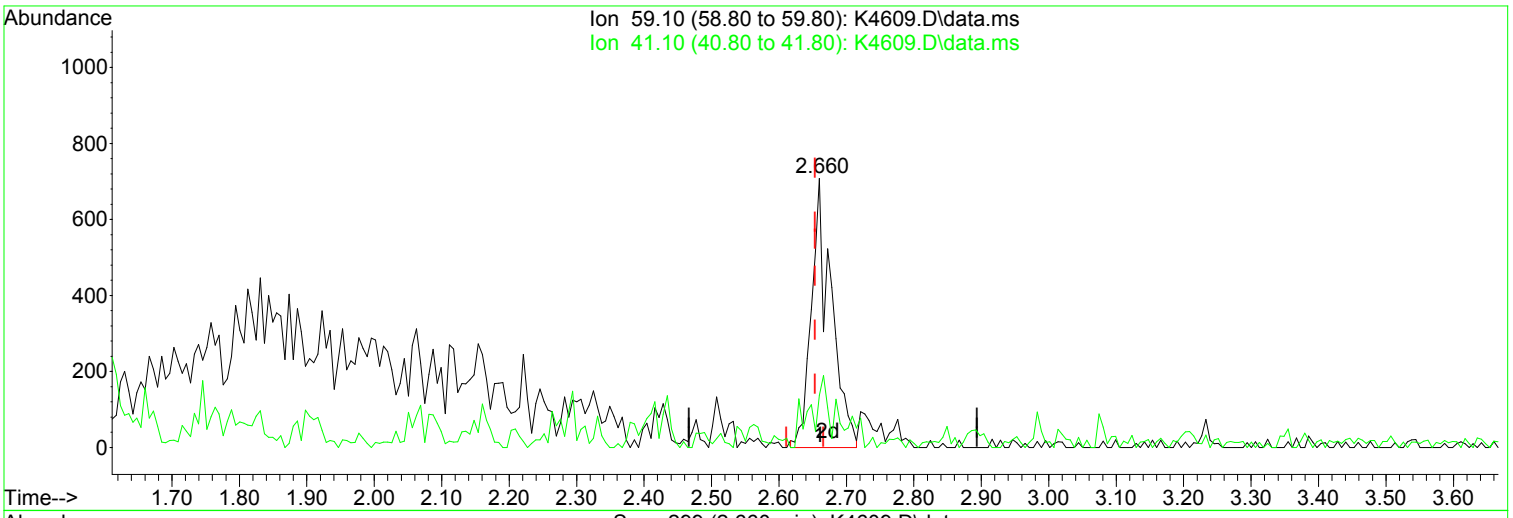
Ion	Ratio	Lower	Upper
128	100		
127	15.7	0.0	32.5
102	7.6	0.0	29.0

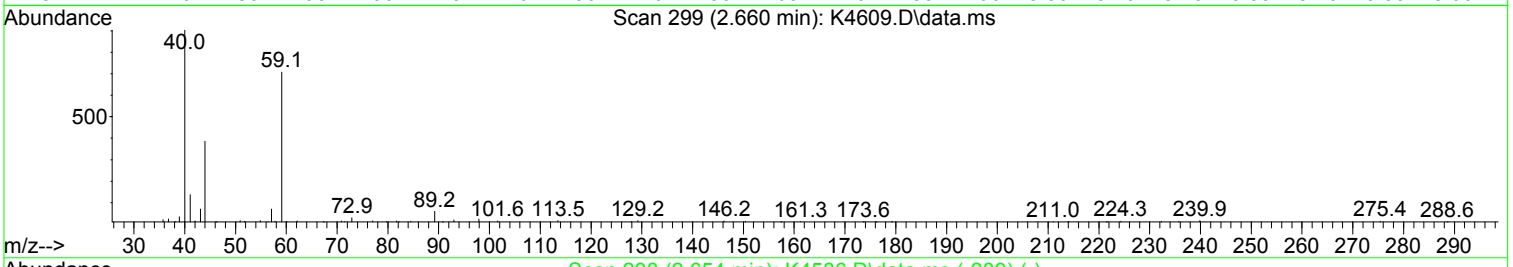


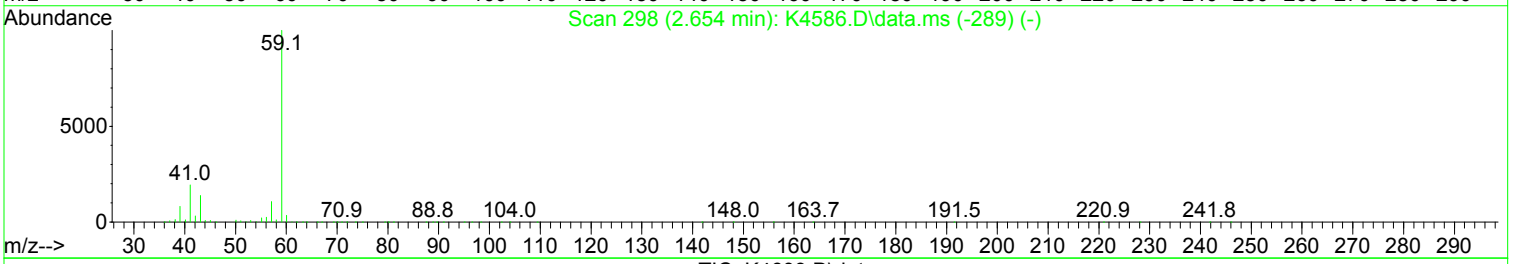
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4609.D
Acq On : 01 Aug 2024 03:49 pm
Operator : K.Ruest
Sample : R2406752-005
Misc : DAY 8260 T4
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 01 16:06:04 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4609.D\data.ms

(23) TBA

2.660min (+ 0.006) 1.38 ug/L m

response 1442

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	19.70	19.35
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

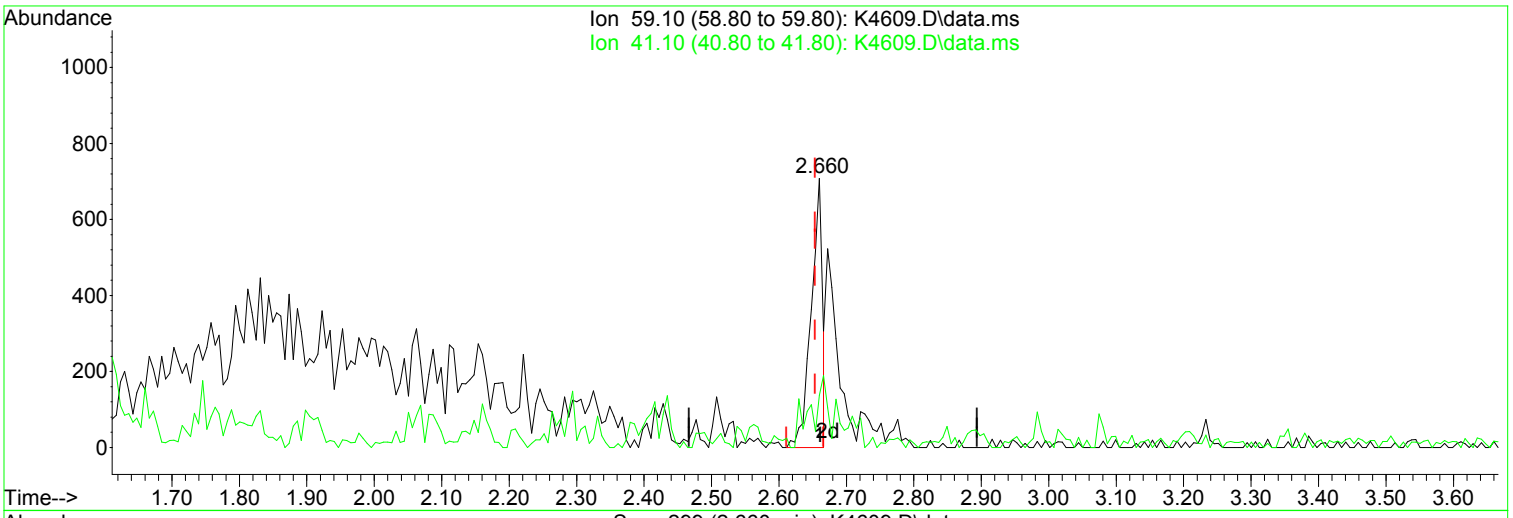
Split Peak.

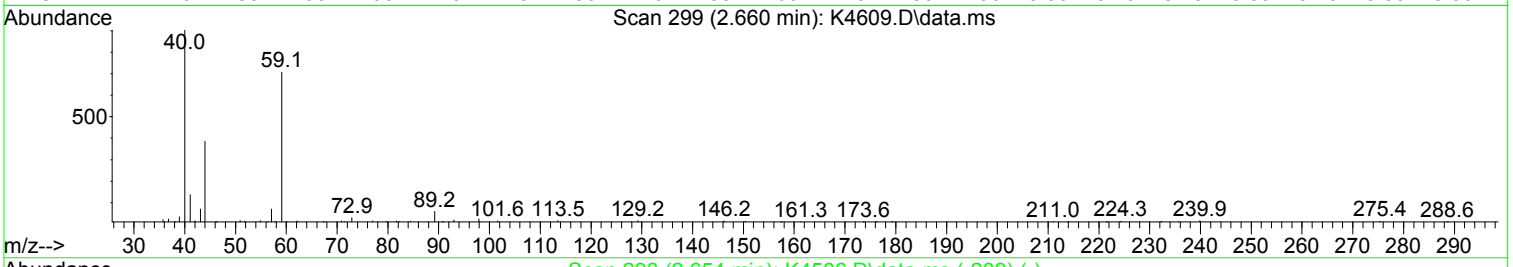
08/02/24

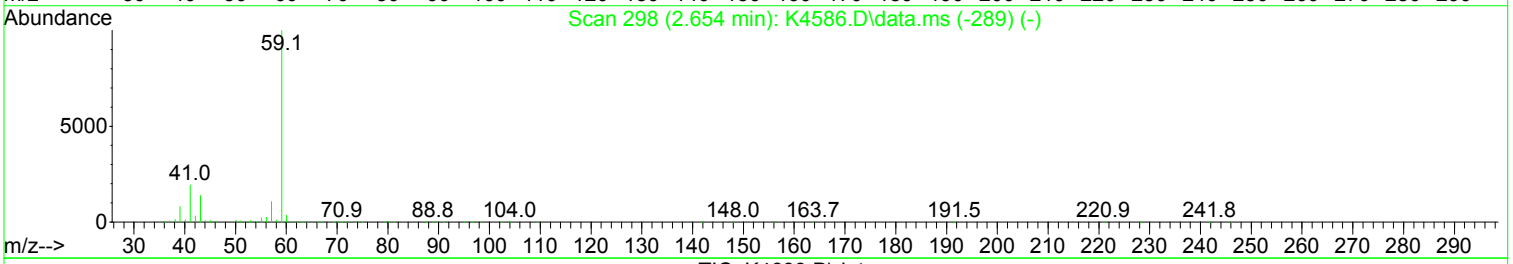
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4609.D
Acq On : 01 Aug 2024 03:49 pm
Operator : K.Ruest
Sample : R2406752-005
Misc : DAY 8260 T4
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 01 16:06:04 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4609.D\data.ms

(23) TBA

2.660min (+ 0.006) 0.80 ug/L

response 833

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	19.70	19.35
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

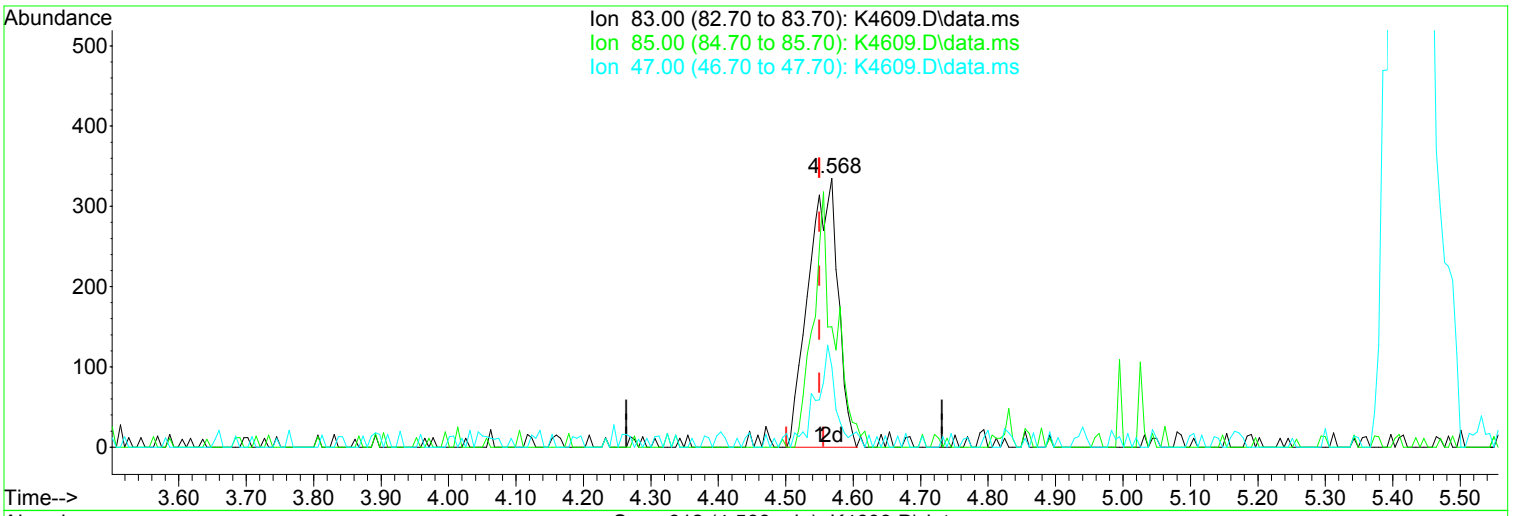
Before

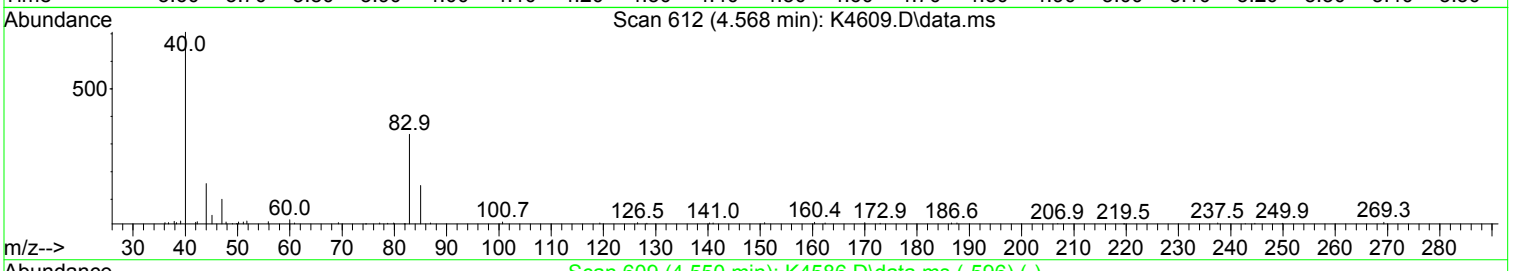
08/02/24

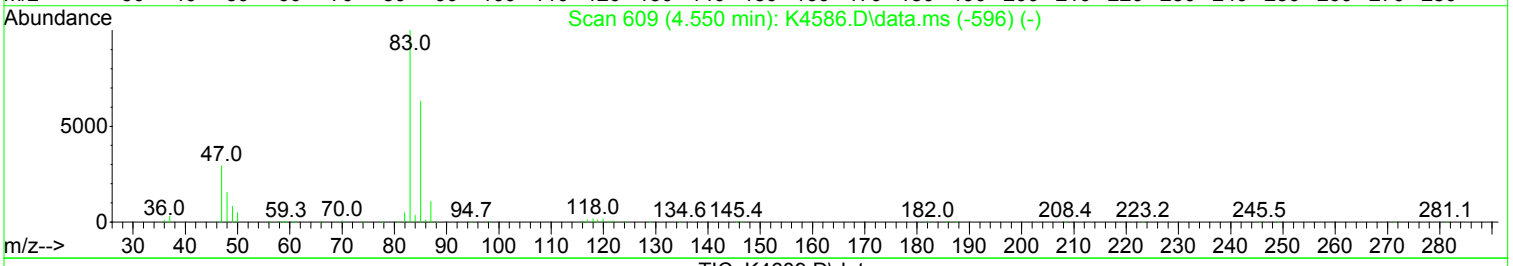
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4609.D
Acq On : 01 Aug 2024 03:49 pm
Operator : K.Ruest
Sample : R2406752-005
Misc : DAY 8260 T4
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 01 16:06:04 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4609.D\data.ms

(39) Chloroform (P)

4.568min (+ 0.018) 0.16 ug/L m

response 1014

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.10	44.78
47.00	29.60	29.85
0.00	0.00	0.00

Manual Integration:

After

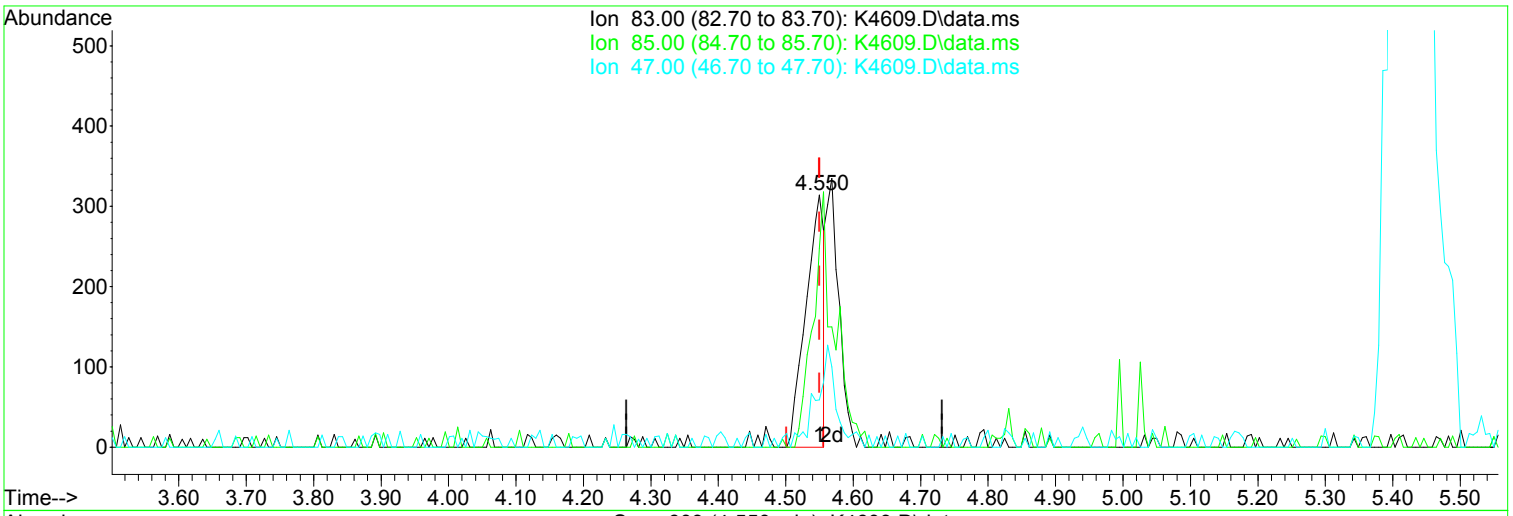
Split Peak.

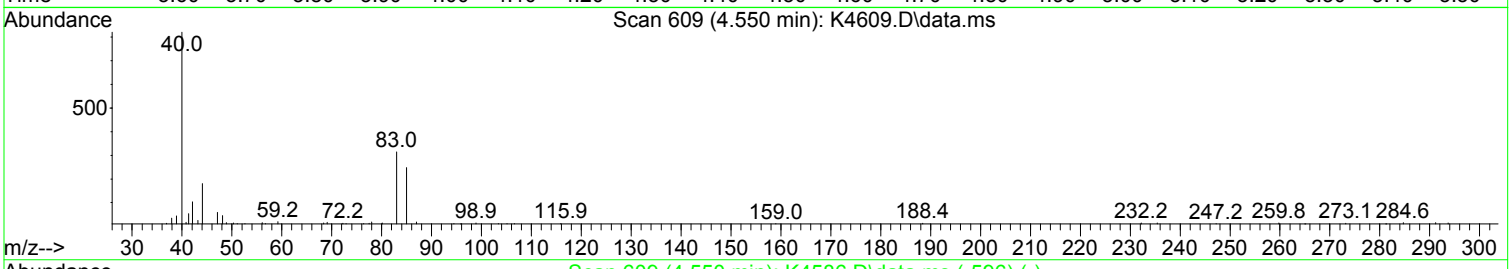
08/02/24

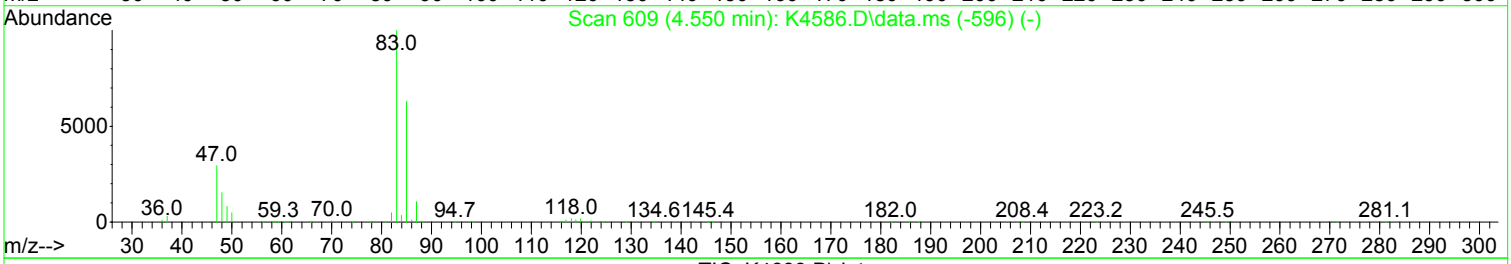
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4609.D
Acq On : 01 Aug 2024 03:49 pm
Operator : K.Ruest
Sample : R2406752-005
Misc : DAY 8260 T4
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 01 16:06:04 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4609.D\data.ms

(39) Chloroform (P)

4.550min (+ 0.000) 0.09 ug/L

response 587

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	63.10	78.98
47.00	29.60	18.79
0.00	0.00	0.00

Manual Integration:

Before

08/02/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4609.D
Acq On : 01 Aug 2024 03:49 pm
Operator : K.Ruest
Sample : R2406752-005
Misc : DAY 8260 T4
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 01 16:06:04 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

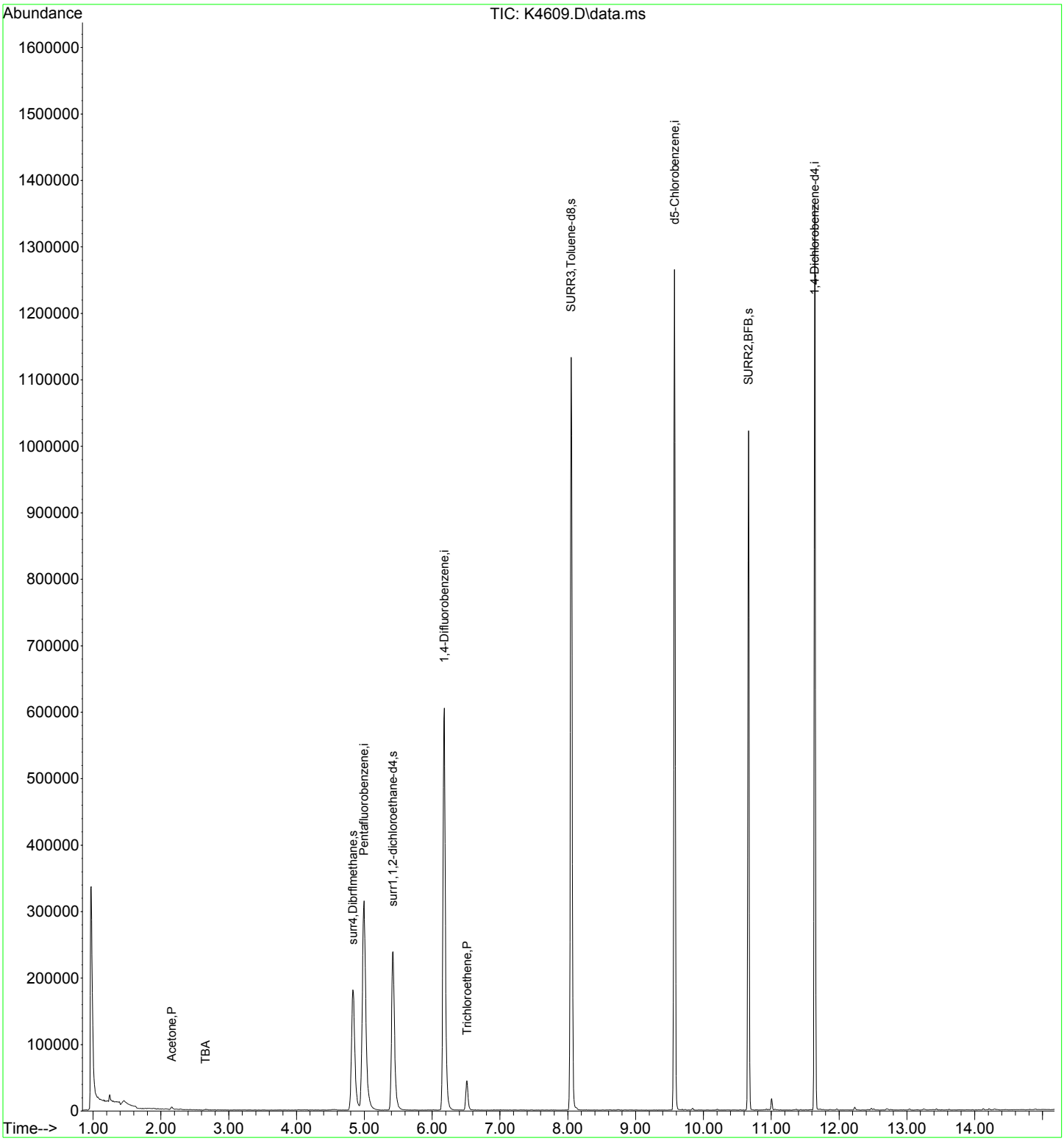
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	357948	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	610343	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	538914	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	246897	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	191062	50.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 100.36%			
47) surr1,1,2-dichloroetha...	5.422	65	271361	52.15	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 104.30%			
64) SURR3,Toluene-d8	8.049	98	705572	50.50	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 101.00%			
69) SURR2,BFB	10.665	95	265258	48.29	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 96.58%			
Target Compounds						Qvalue
16) Acetone	2.160	43	5320	1.857	ug/L	83
23) TBA	2.660	59	1442m	1.377	ug/L	
53) Trichloroethene	6.513	130	17392	4.493	ug/L	99

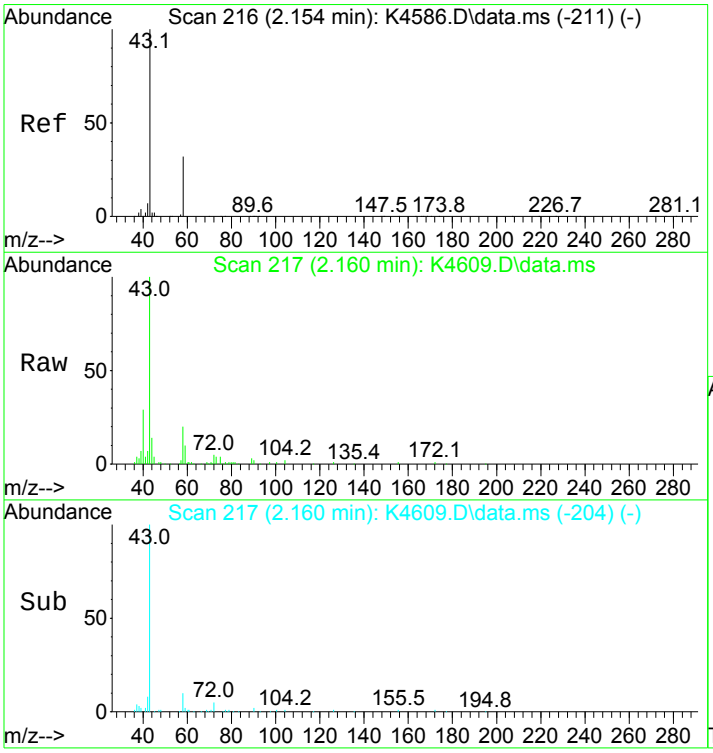
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4609.D
Acq On : 01 Aug 2024 03:49 pm
Operator : K.Ruest
Sample : R2406752-005
Misc : DAY 8260 T4
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 01 16:06:04 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

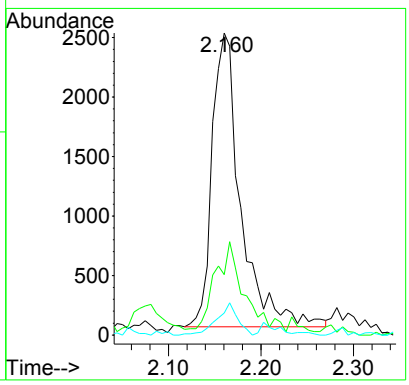


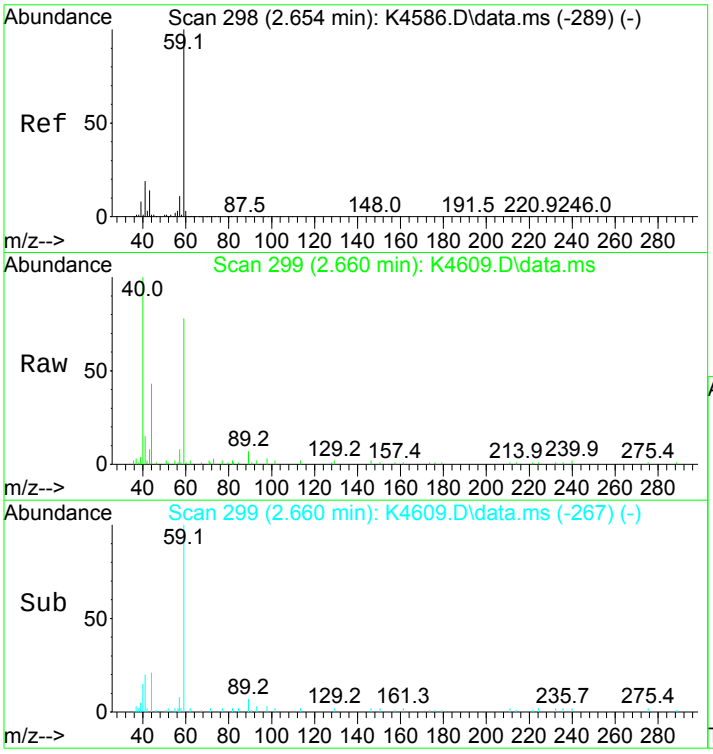


#16
Acetone
Concen: 1.86 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: K4609.D
Acq: 01 Aug 2024 03:49 pm

Tgt Ion: 43 Resp: 5320

Ion	Ratio	Lower	Upper
43	100		
58	20.0	11.5	51.5
42	7.3	0.0	27.3

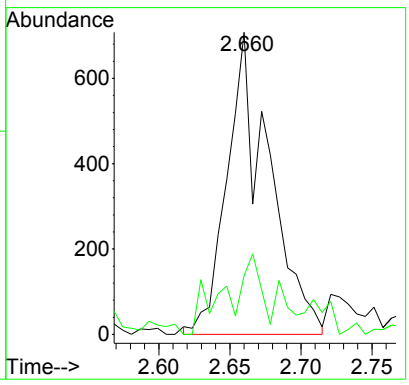


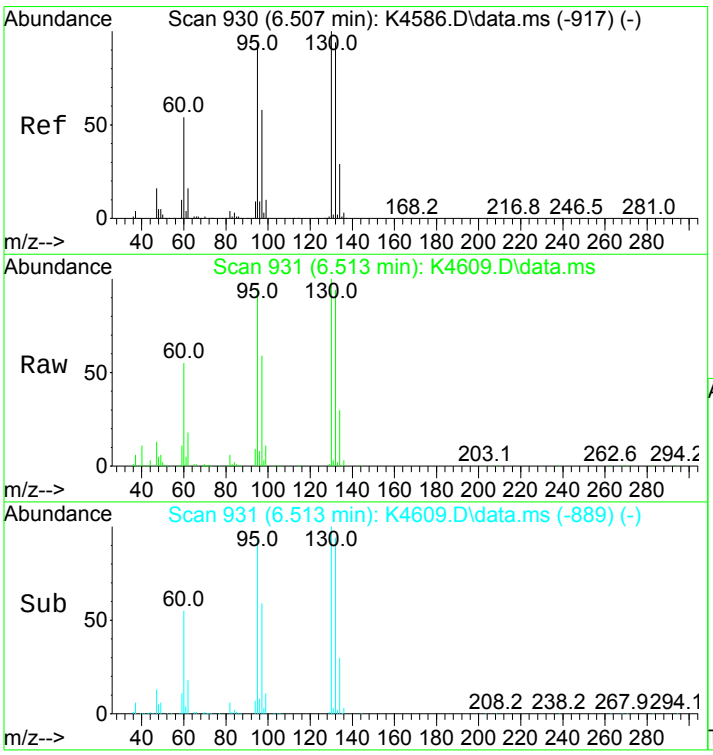


#23
TBA
Concen: 1.38 ug/L m
RT: 2.660 min Scan# 299
Delta R.T. 0.006 min
Lab File: K4609.D
Acq: 01 Aug 2024 03:49 pm

Tgt Ion: 59 Resp: 1442

Ion	Ratio	Lower	Upper
59	100		
41	19.4	0.0	39.7

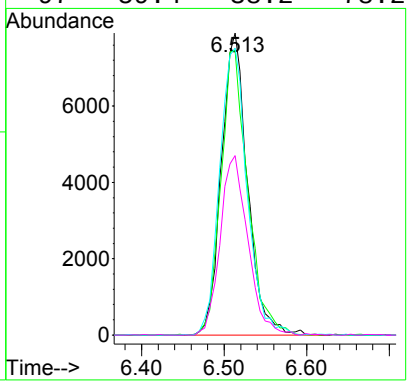




#53
Trichloroethene
Concen: 4.49 ug/L
RT: 6.513 min Scan# 931
Delta R.T. 0.006 min
Lab File: K4609.D
Acq: 01 Aug 2024 03:49 pm

Tgt Ion:130 Resp: 17392

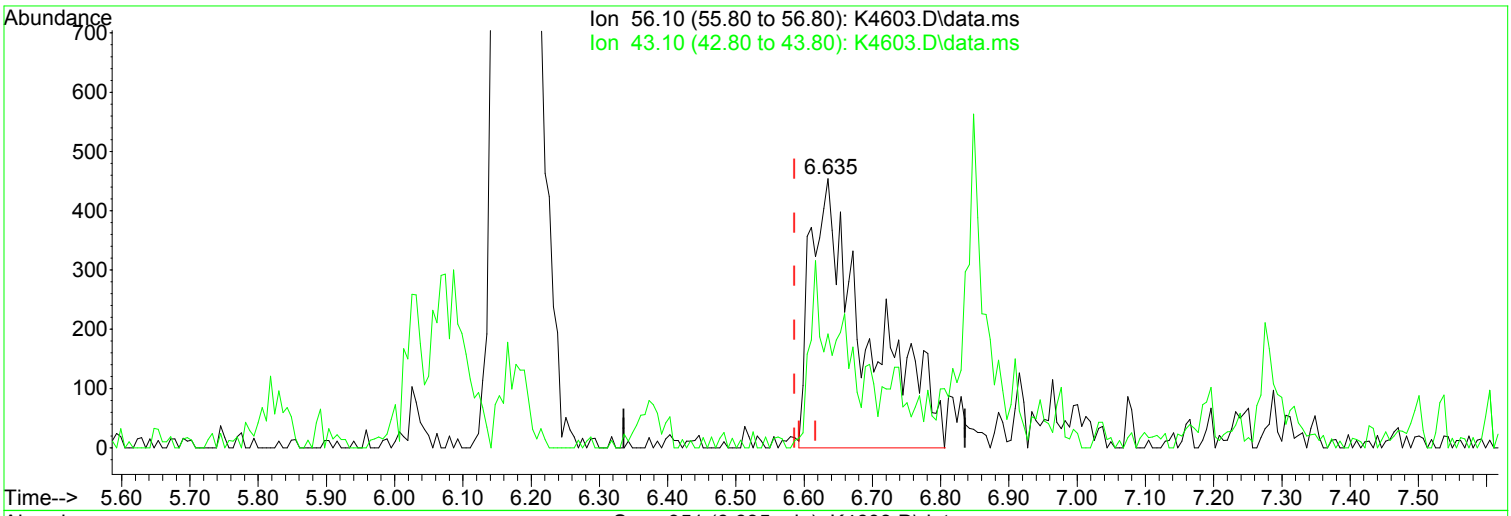
Ion	Ratio	Lower	Upper
130	100		
132	94.1	74.0	114.0
95	95.1	74.1	114.1
97	59.4	38.2	78.2

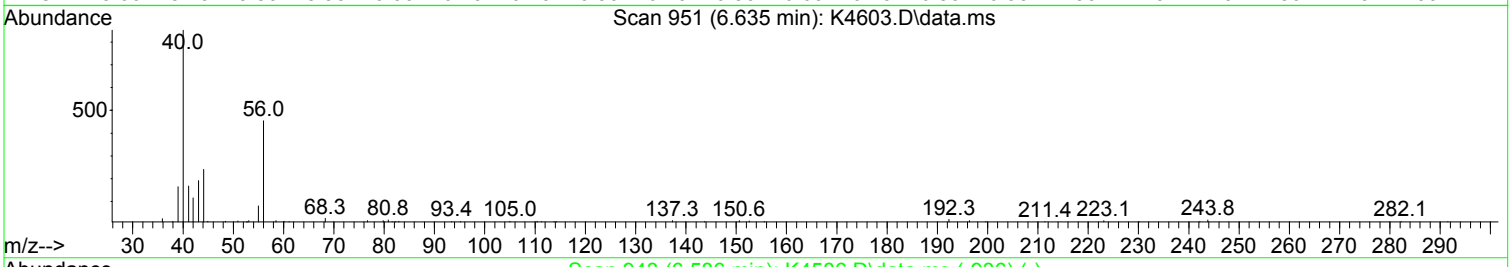


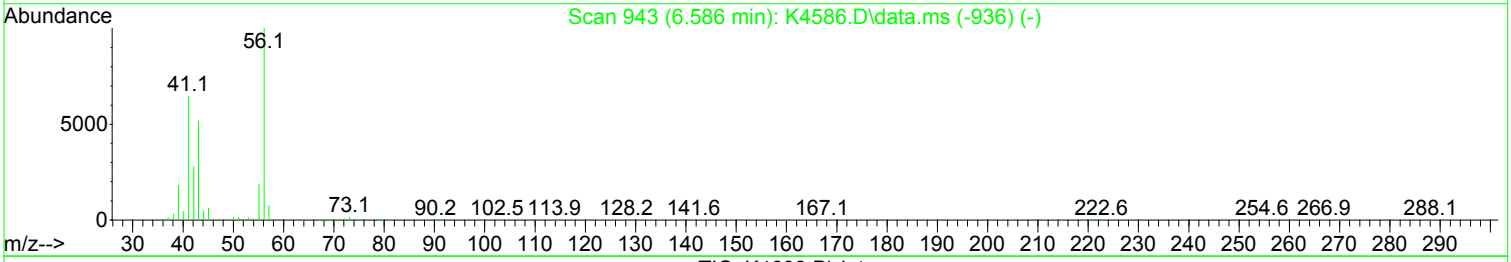
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4603.D
Acq On : 01 Aug 2024 01:22 pm
Operator : K.Ruest
Sample : R2406752-006
Misc : DAY 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 13:37:43 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4603.D\data.ms

(52) 1-Butanol

6.635min (+ 0.049) 37.11 ug/L m

response 2649

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	51.80	42.29
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

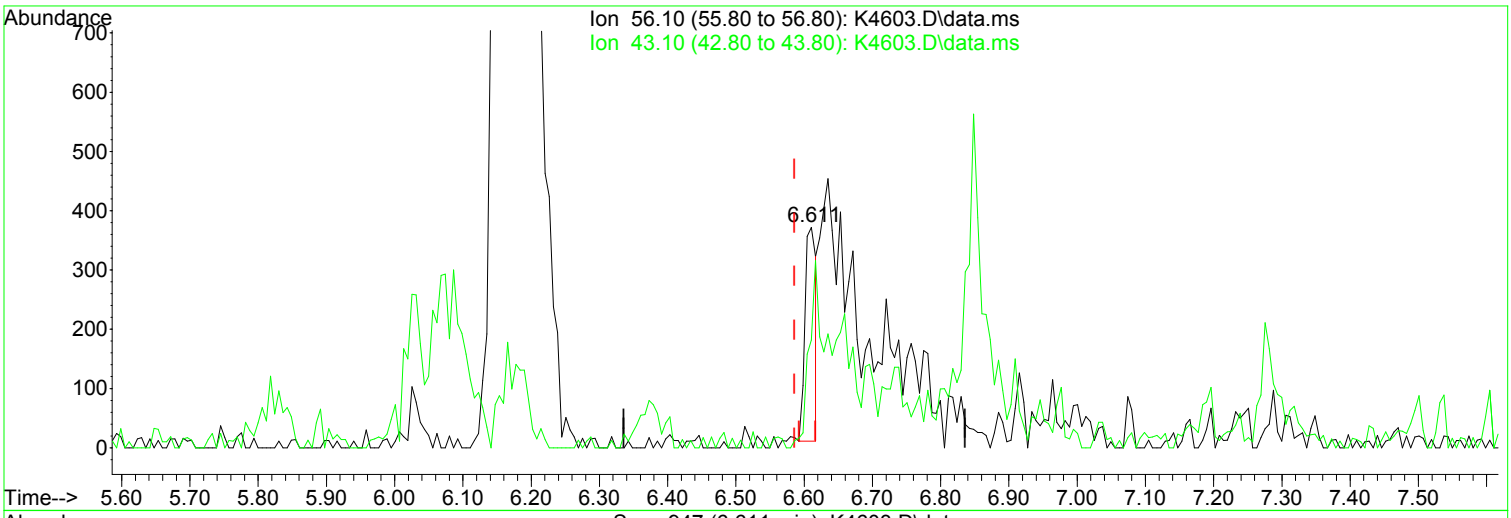
Split Peak.

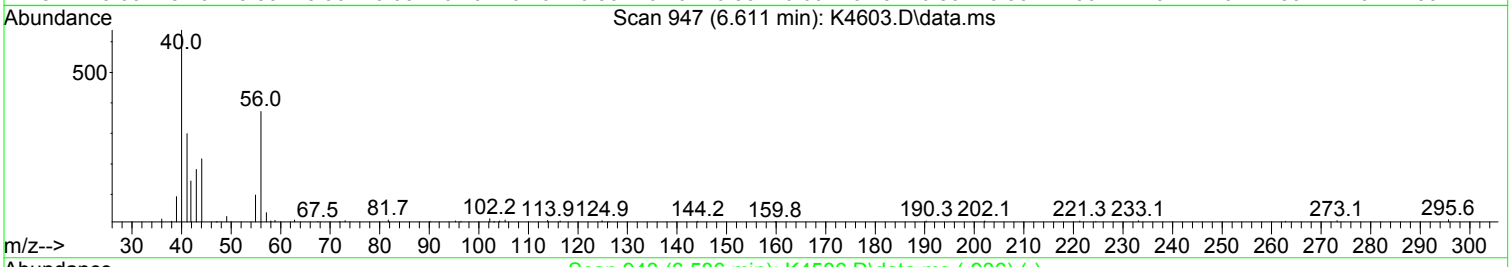
08/01/24

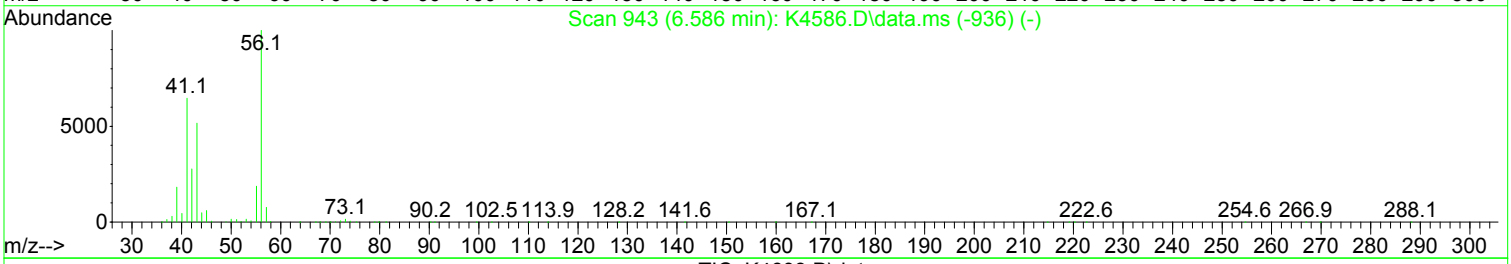
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4603.D
Acq On : 01 Aug 2024 01:22 pm
Operator : K.Ruest
Sample : R2406752-006
Misc : DAY 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 13:37:43 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4603.D\data.ms

(52) 1-Butanol

6.611min (+ 0.025) 26.65 ug/L

response 407

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	51.80	48.92
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4603.D
Acq On : 01 Aug 2024 01:22 pm
Operator : K.Ruest
Sample : R2406752-006
Misc : DAY 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 13:37:43 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

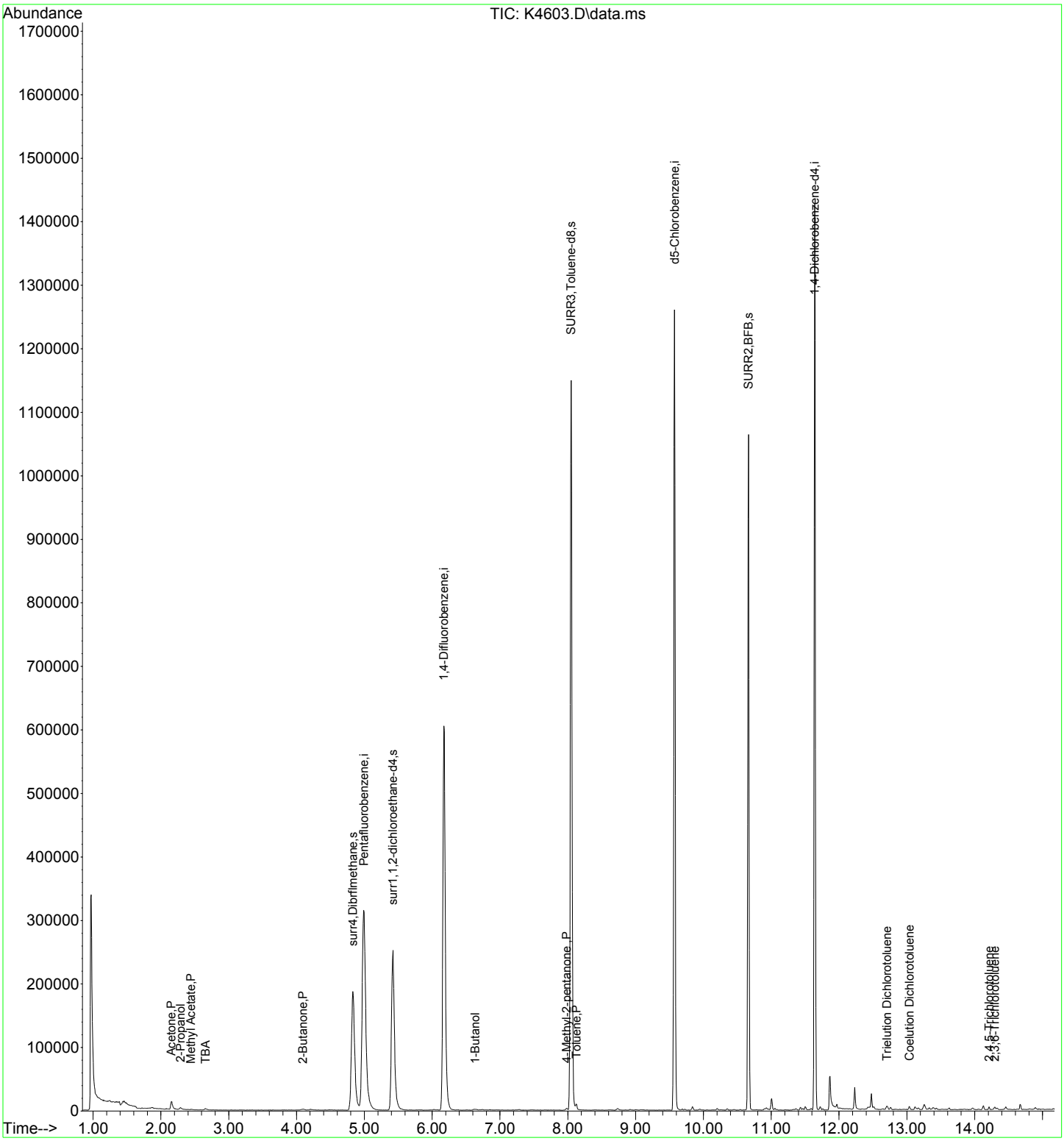
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	361880	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.172	114	615785	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.574	117	547807	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	252089	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.831	113	197000	51.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.58%			
47) surr1,1,2-dichloroetha...	5.422	65	277583	52.87	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 105.74%			
64) SURR3,Toluene-d8	8.049	98	720890	51.14	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 102.28%			
69) SURR2,BFB	10.665	95	275835	49.77	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 99.54%			
Target Compounds						Qvalue
6) Bromomethane	1.471	94	357	Below Cal	#	50
16) Acetone	2.154	43	16092	5.556	ug/L	96
17) 2-Propanol	2.288	45	4372	7.654	ug/L	84
21) Methyl Acetate	2.441	43	1021	0.202	ug/L	79
23) TBA	2.660	59	2756	2.603	ug/L	79
34) 2-Butanone	4.093	43	1981	0.573	ug/L	98
52) 1-Butanol	6.635	56	2649m	37.111	ug/L	
63) 4-Methyl-2-pentanone	7.982	43	1551	0.248	ug/L	96
65) Toluene	8.129	91	5478	0.366	ug/L	97
111) Trielution Dichlorotol...	12.707	125	2676	0.373	ug/L	91
113) Coelution Dichlorotoluene	13.036	125	1644	0.213	ug/L	85
118) 2,4,5-Trichlorotoluene	14.213	159	847	0.224	ug/L	91
119) 2,3,6-Trichlorotoluene	14.298	159	889	0.254	ug/L	85

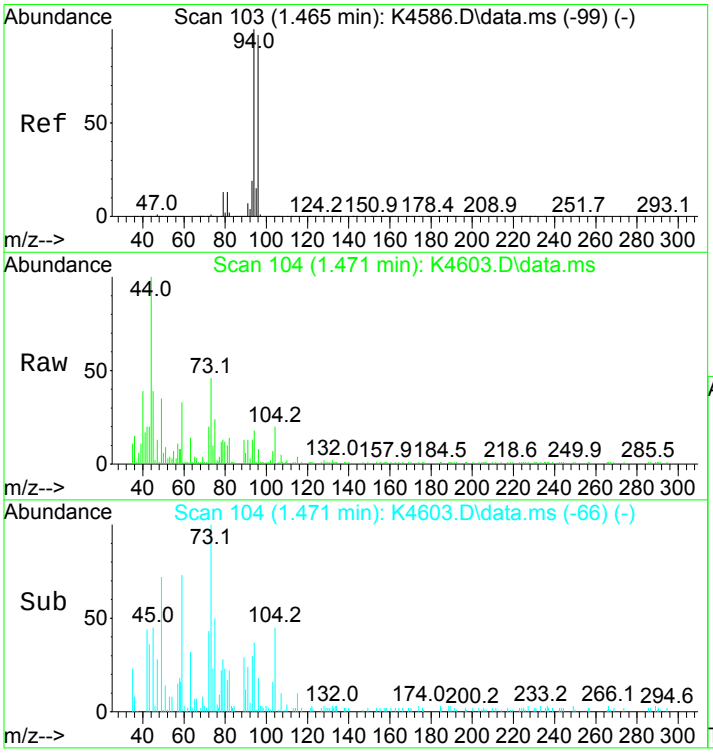
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4603.D
Acq On : 01 Aug 2024 01:22 pm
Operator : K.Ruest
Sample : R2406752-006
Misc : DAY 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 13:37:43 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

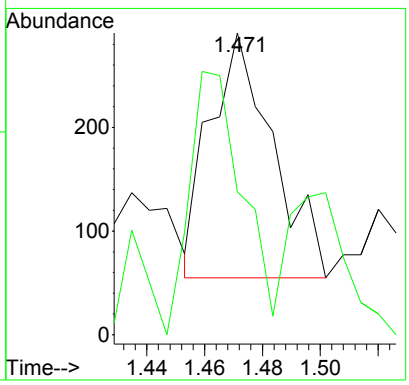


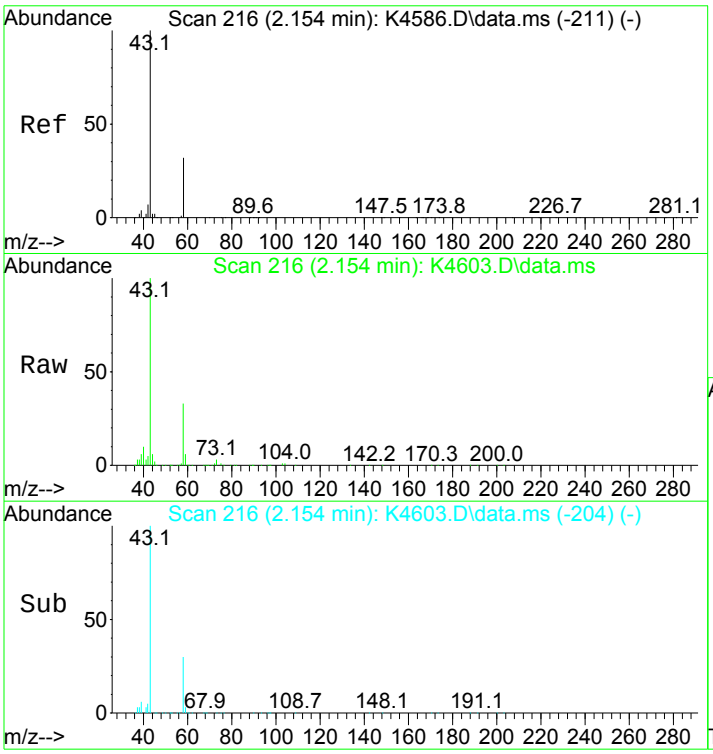


#6
Bromomethane
Concen: Below Cal
RT: 1.471 min Scan# 104
Delta R.T. 0.006 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 94 Resp: 357

Ion	Ratio	Lower	Upper
94	100		
96	47.4	76.6	116.6#

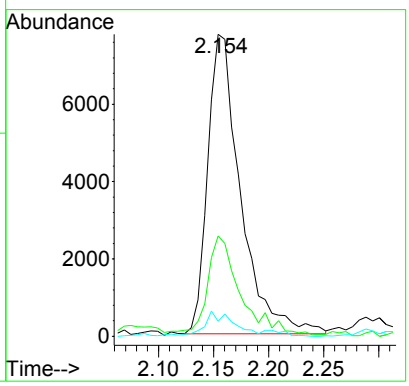


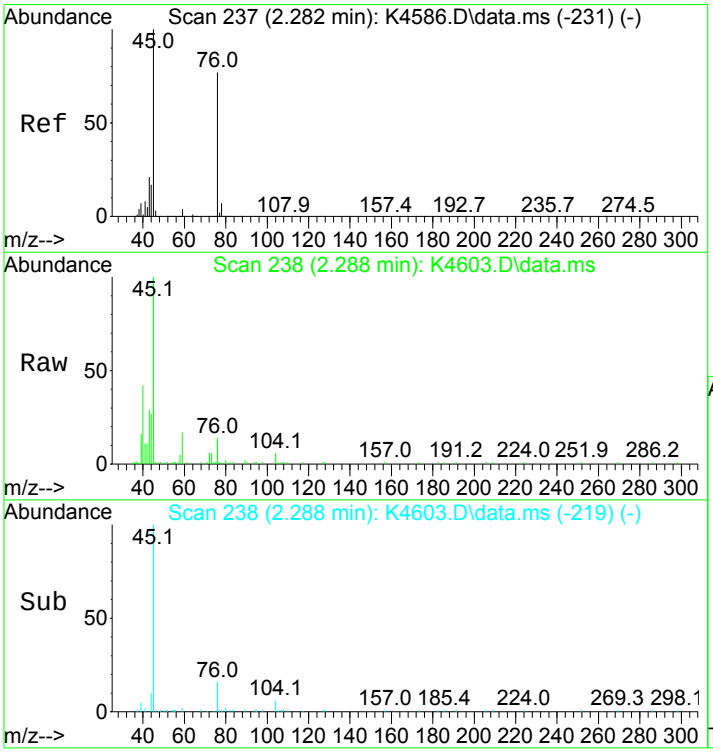


#16
Acetone
Concen: 5.56 ug/L
RT: 2.154 min Scan# 216
Delta R.T. 0.000 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 43 Resp: 16092

Ion	Ratio	Lower	Upper
43	100		
58	33.2	11.5	51.5
42	5.0	0.0	27.3

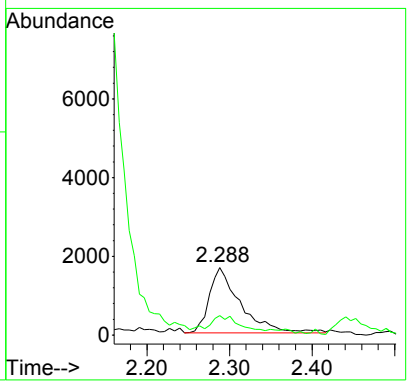


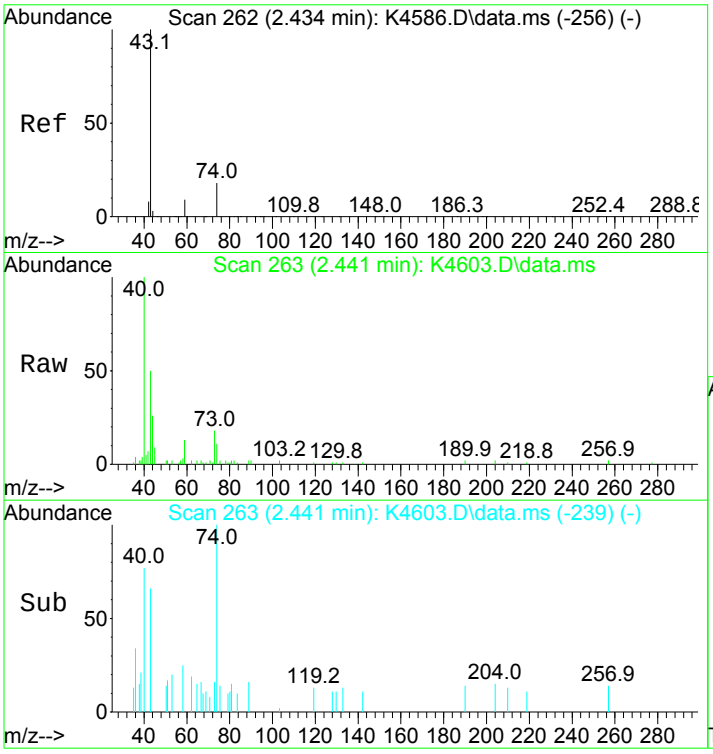


#17
2-Propanol
Concen: 7.65 ug/L
RT: 2.288 min Scan# 238
Delta R.T. 0.006 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 45 Resp: 4372

Ion	Ratio	Lower	Upper
45	100		
43	28.9	1.4	41.4

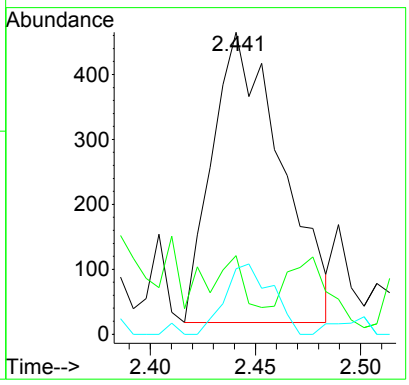


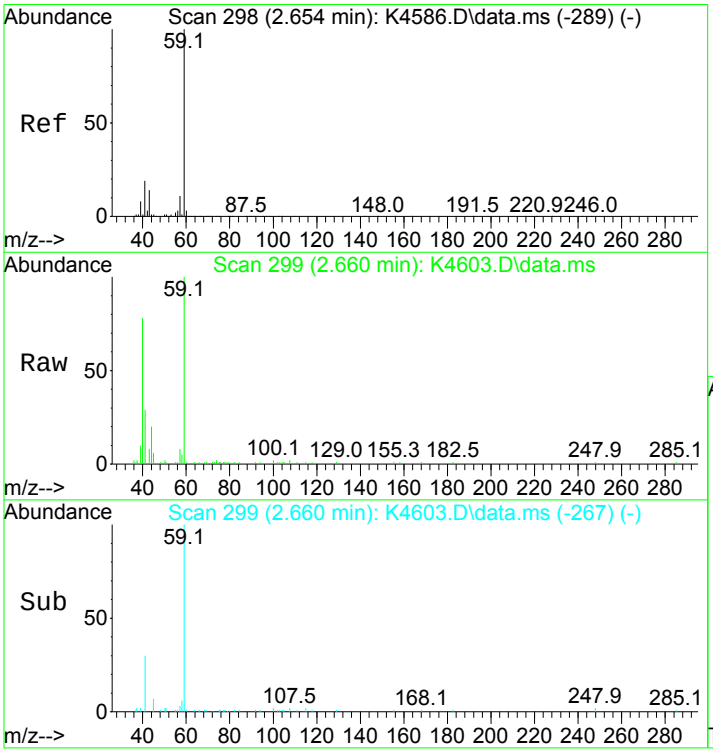


#21
Methyl Acetate
Concen: 0.20 ug/L
RT: 2.441 min Scan# 263
Delta R.T. 0.006 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 43 Resp: 1021

Ion	Ratio	Lower	Upper
43	100		
59	26.0	0.0	29.1
74	21.7	0.0	38.1

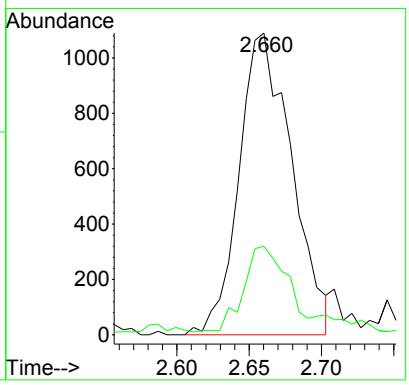


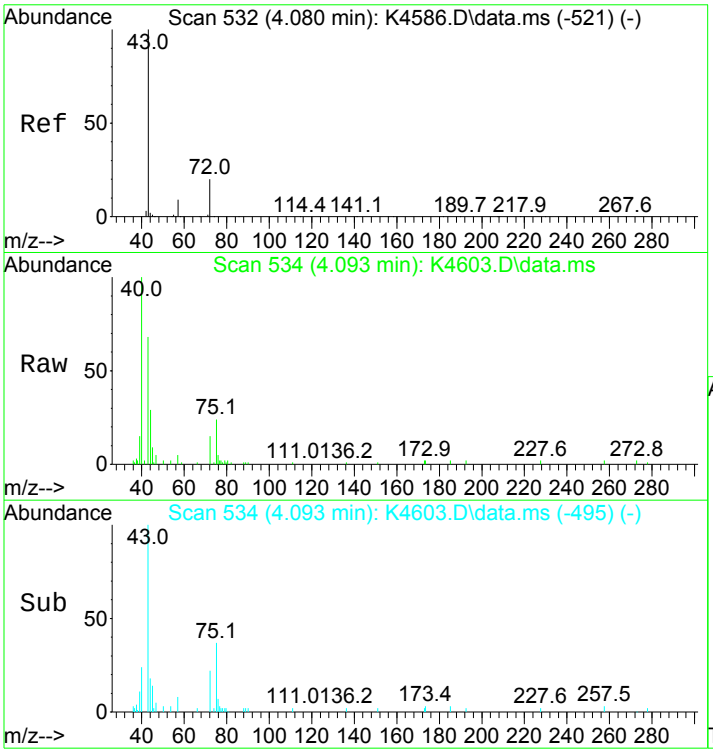


#23
TBA
Concen: 2.60 ug/L
RT: 2.660 min Scan# 299
Delta R.T. 0.006 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 59 Resp: 2756

Ion	Ratio	Lower	Upper
59	100		
41	29.4	0.0	39.7

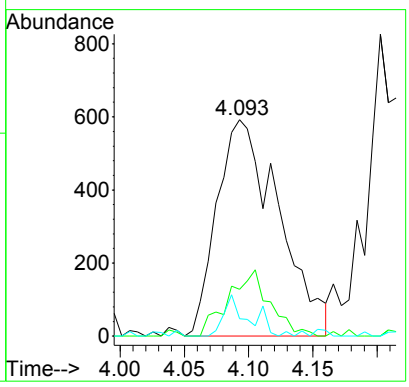


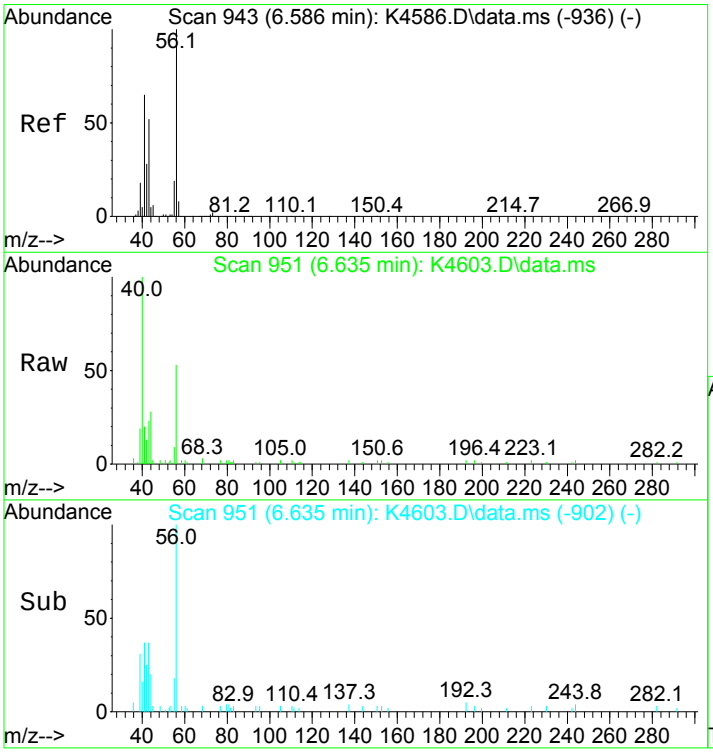


#34
2-Butanone
Concen: 0.57 ug/L
RT: 4.093 min Scan# 534
Delta R.T. 0.012 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 43 Resp: 1981

Ion	Ratio	Lower	Upper
43	100		
72	21.6	1.2	41.2
57	8.1	0.0	29.2

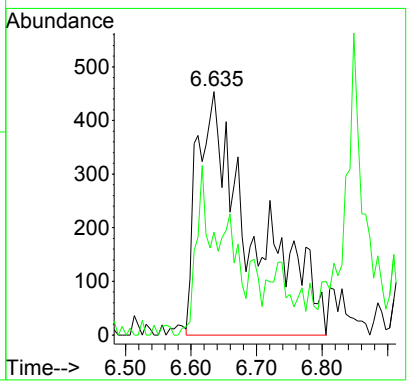


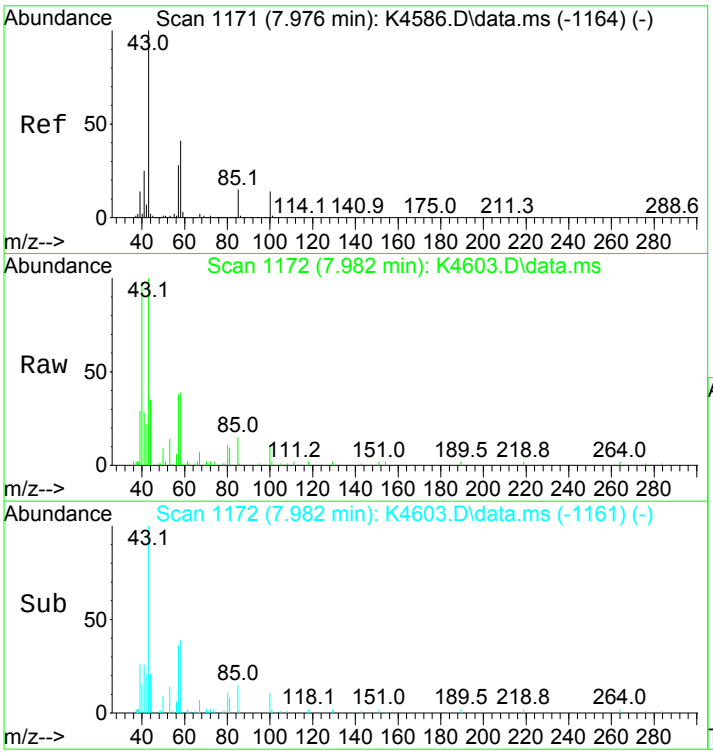


#52
1-Butanol
Concen: 37.11 ug/L m
RT: 6.635 min Scan# 951
Delta R.T. 0.049 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 56 Resp: 2649

Ion	Ratio	Lower	Upper
56	100		
43	42.3	31.8	71.8

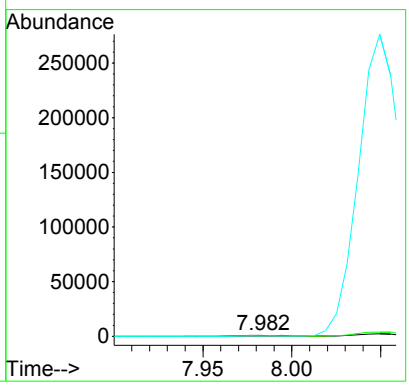


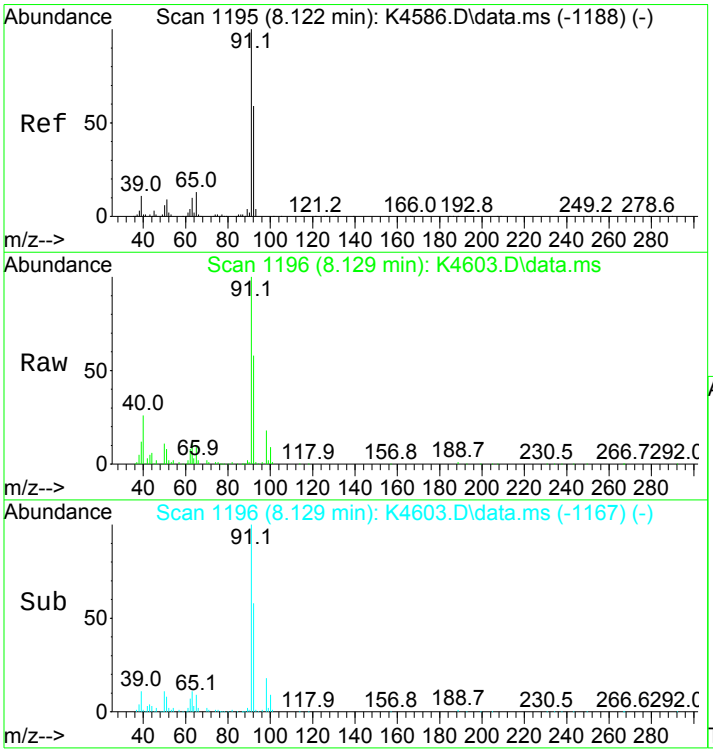


#63
4-Methyl-2-pentanone
Concen: 0.25 ug/L
RT: 7.982 min Scan# 1172
Delta R.T. 0.006 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 43 Resp: 1551

Ion	Ratio	Lower	Upper
43	100		
58	39.1	21.3	61.3
100	10.9	0.0	33.7

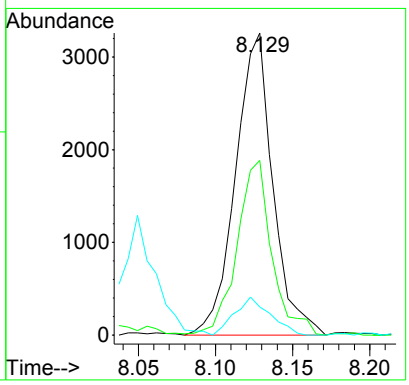


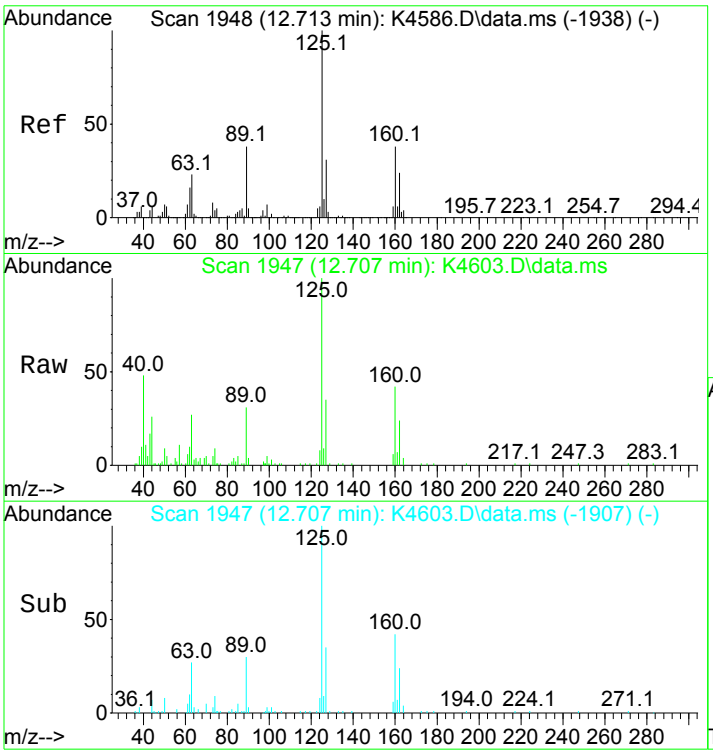


#65
Toluene
Concen: 0.37 ug/L
RT: 8.129 min Scan# 1196
Delta R.T. 0.006 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion: 91 Resp: 5478

Ion	Ratio	Lower	Upper
91	100		
92	57.8	39.0	79.0
65	9.3	0.0	32.8

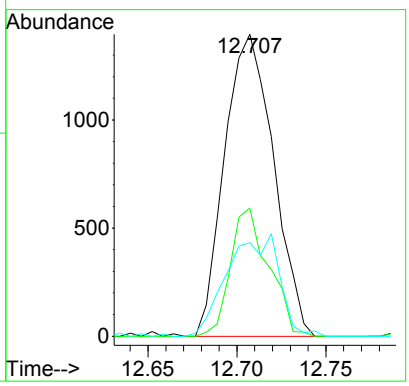


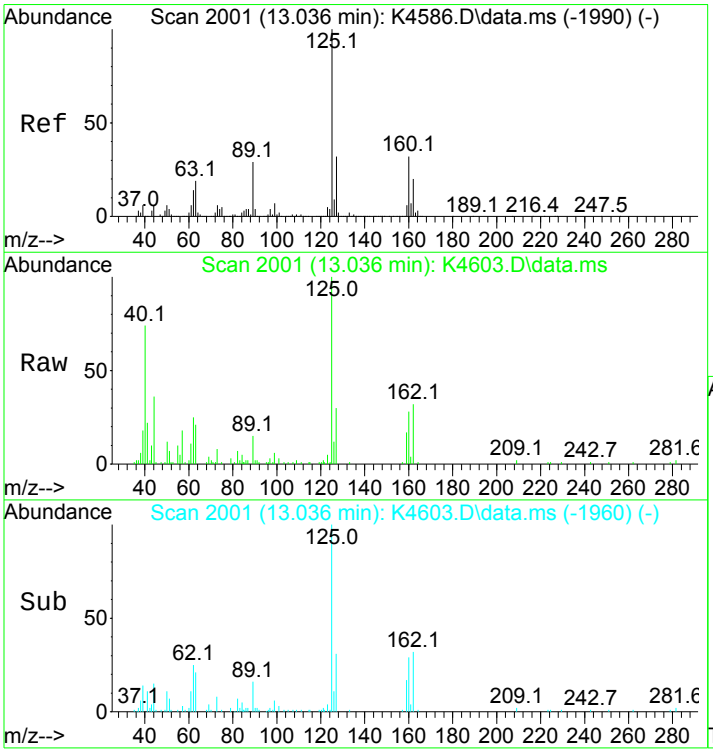


#111
Trielution Dichlorotoluene
Concen: 0.37 ug/L
RT: 12.707 min Scan# 1947
Delta R.T. -0.006 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion:125 Resp: 2676

Ion	Ratio	Lower	Upper
125	100		
160	42.4	18.0	58.0
89	31.0	17.9	57.9

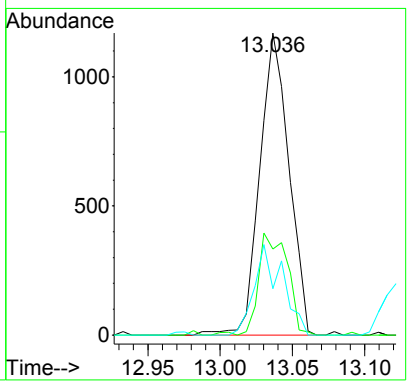


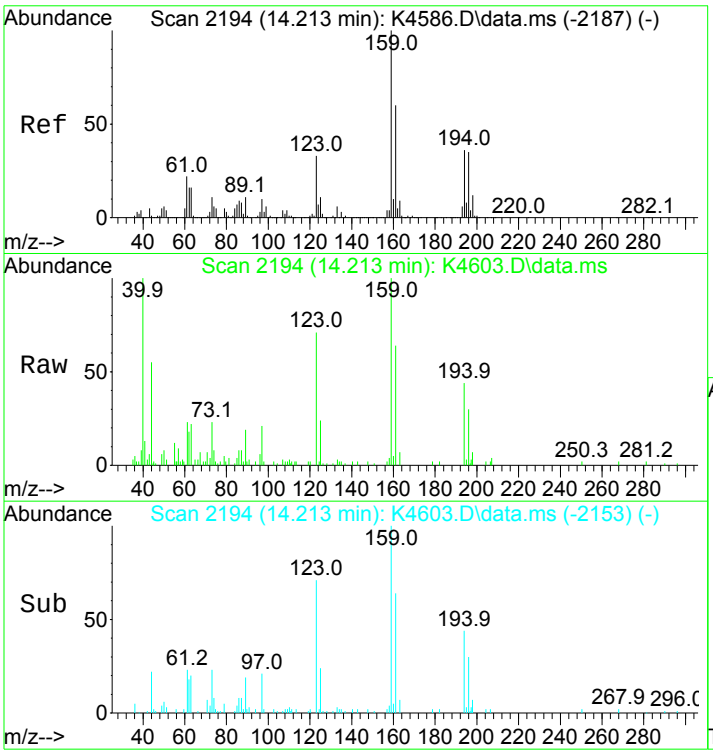


#113
Coelution Dichlorotoluene
Concen: 0.21 ug/L
RT: 13.036 min Scan# 2001
Delta R.T. 0.000 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion:125 Resp: 1644

Ion	Ratio	Lower	Upper
125	100		
160	28.5	11.5	51.5
89	15.4	9.2	49.2

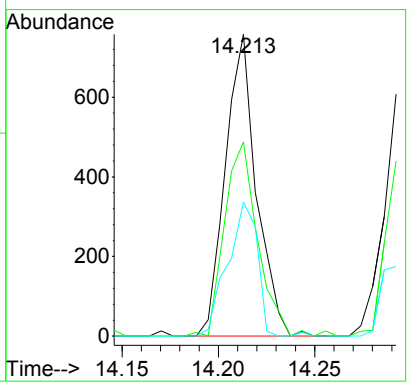


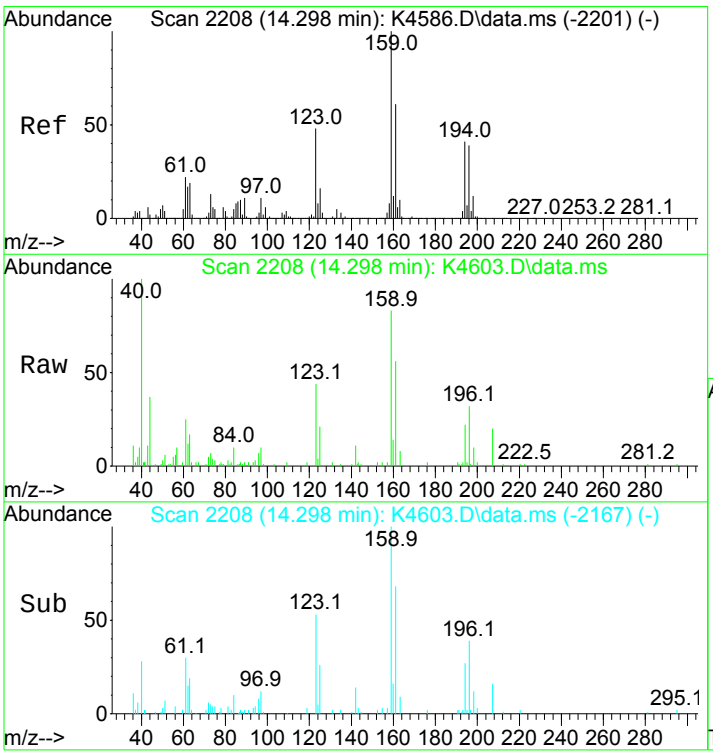


#118
2,4,5-Trichlorotoluene
Concen: 0.22 ug/L
RT: 14.213 min Scan# 2194
Delta R.T. 0.000 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion:159 Resp: 847

Ion	Ratio	Lower	Upper
159	100		
161	64.4	40.4	80.4
194	44.5	16.1	56.1

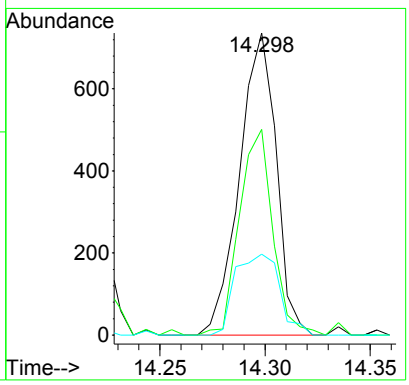




#119
2,3,6-Trichlorotoluene
Concen: 0.25 ug/L
RT: 14.298 min Scan# 2208
Delta R.T. 0.000 min
Lab File: K4603.D
Acq: 01 Aug 2024 01:22 pm

Tgt Ion:159 Resp: 889

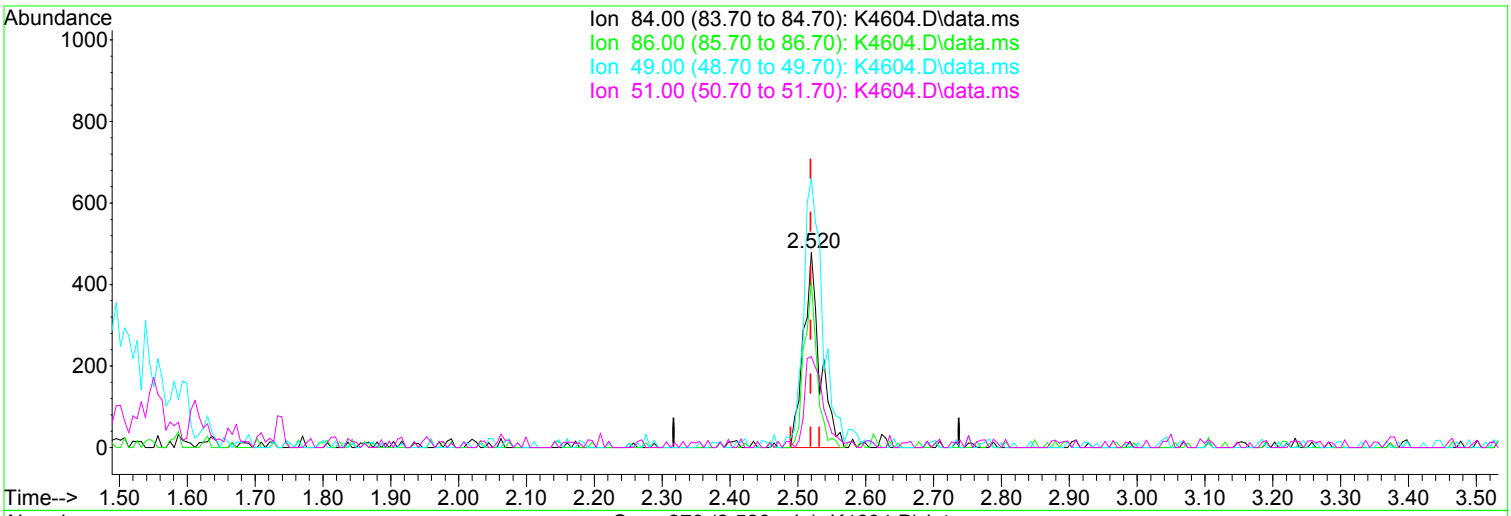
Ion	Ratio	Lower	Upper
159	100		
161	68.1	40.9	80.9
194	26.8	21.2	61.2

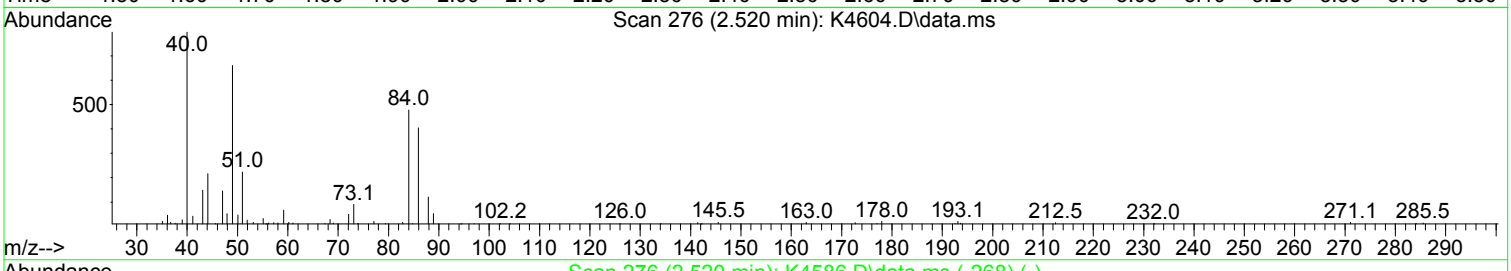


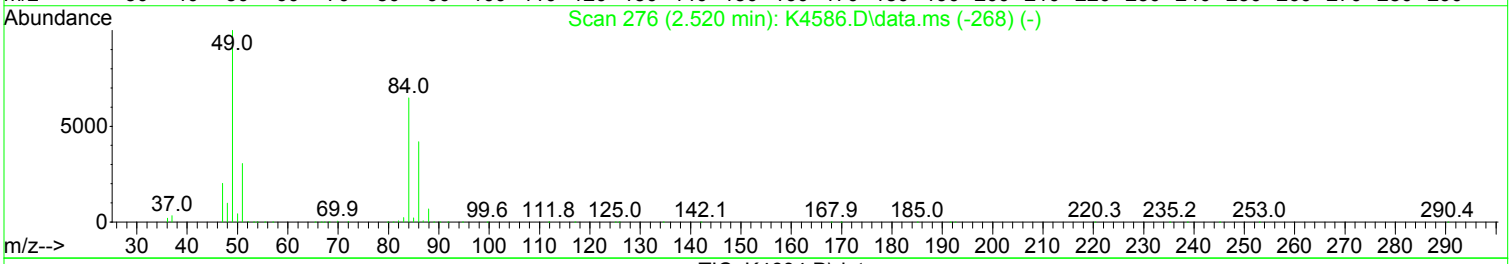
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4604.D
Acq On : 01 Aug 2024 01:47 pm
Operator : K.Ruest
Sample : R2406752-007
Misc : DAY 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 14:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4604.D\data.ms

(22) Methylene Chloride (P)

2.520min (+ 0.001) -1.00 ug/L m

response 813

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	64.70	84.52
49.00	154.90	138.08
51.00	47.30	46.65

Manual Integration:

After

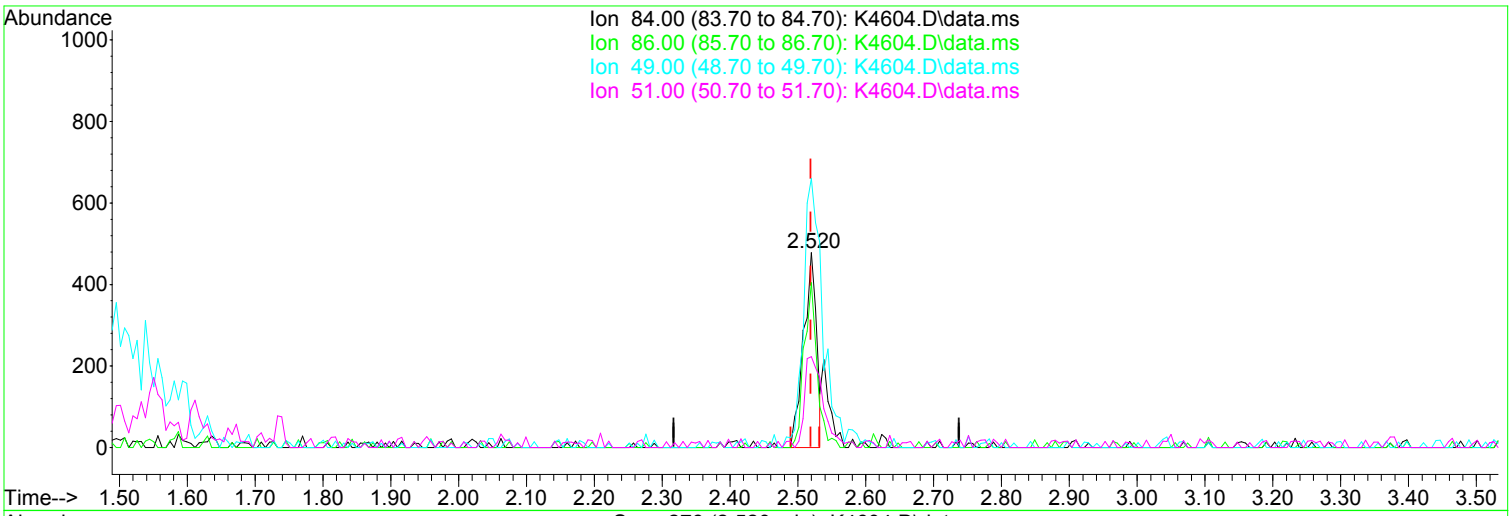
Split Peak.

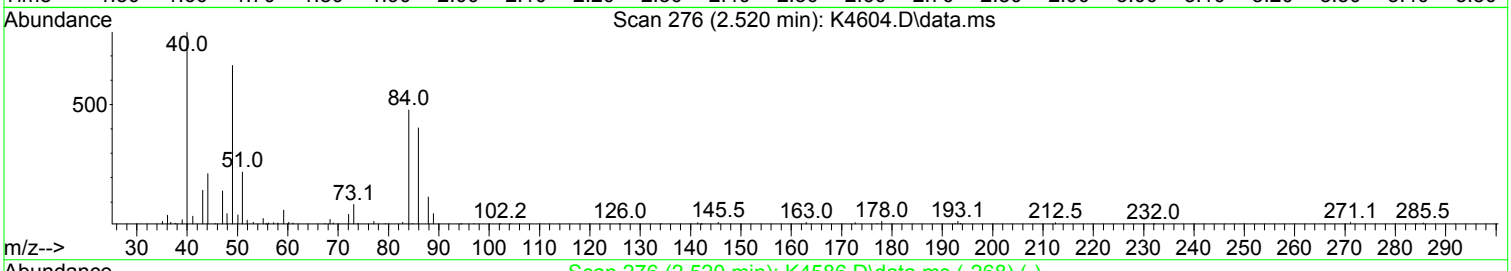
08/01/24

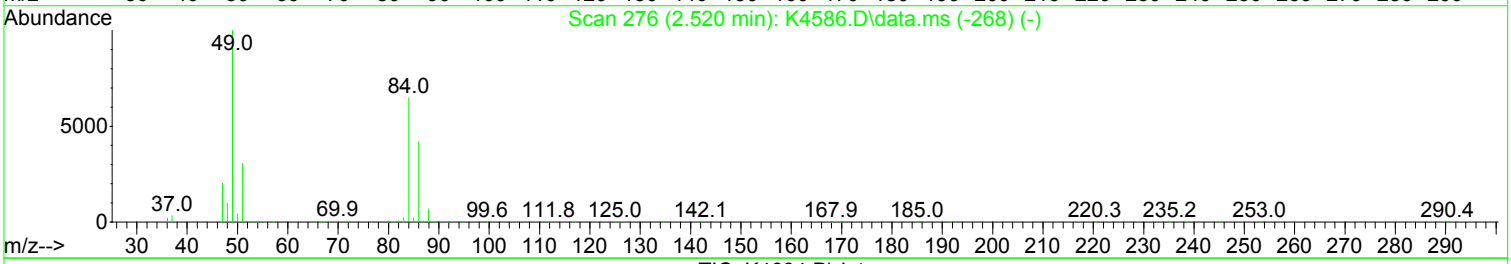
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4604.D
Acq On : 01 Aug 2024 01:47 pm
Operator : K.Ruest
Sample : R2406752-007
Misc : DAY 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 14:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration







TIC: K4604.D\data.ms

(22) Methylene Chloride (P)

2.520min (+ 0.001) -1.00 ug/L

response 638

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	64.70	84.52
49.00	154.90	138.08
51.00	47.30	46.65

Manual Integration:

Before

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4604.D
Acq On : 01 Aug 2024 01:47 pm
Operator : K.Ruest
Sample : R2406752-007
Misc : DAY 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 14:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

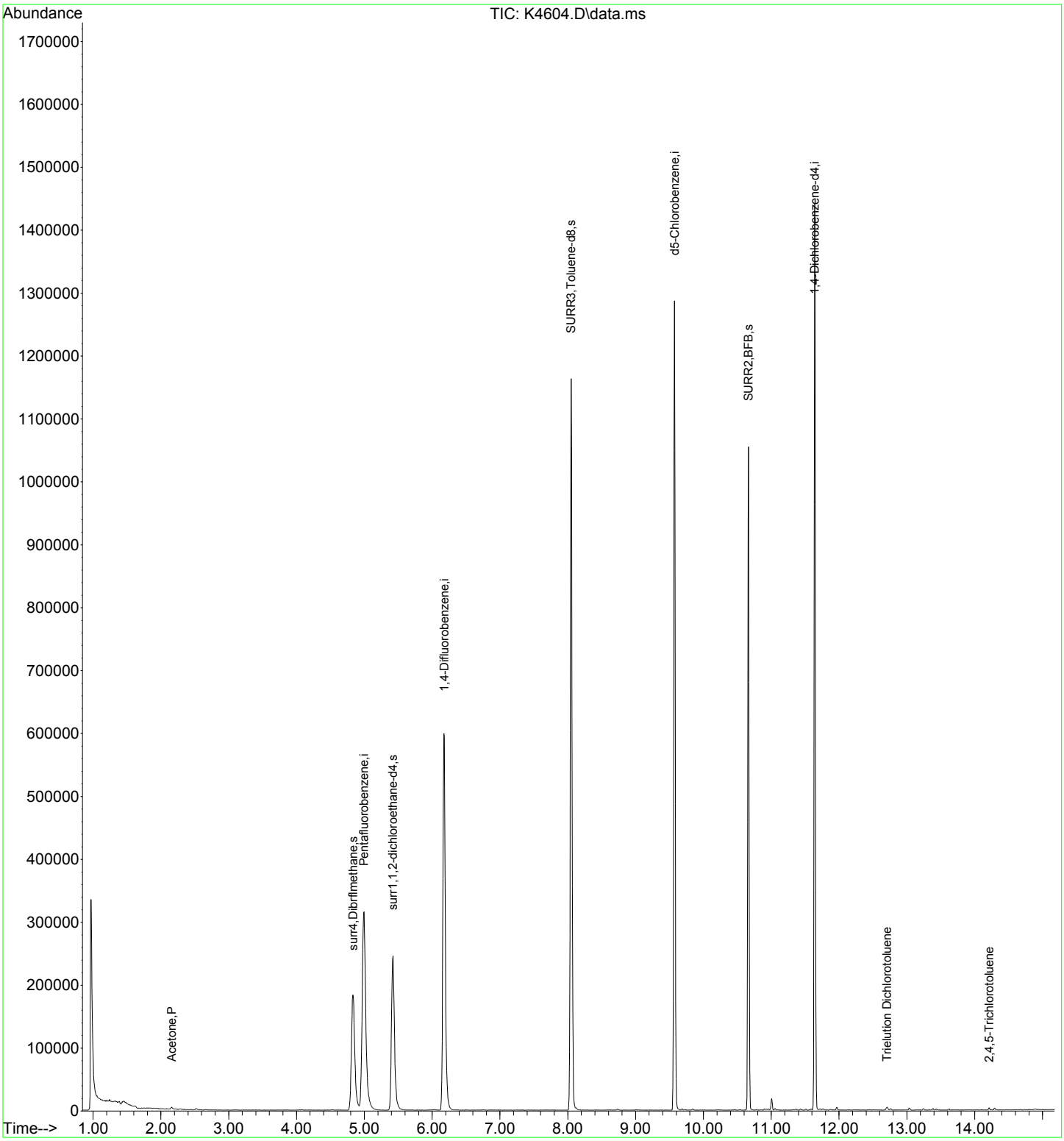
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	363626	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	617926	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	551768	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	256382	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	197619	51.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.54%			
47) surr1,1,2-dichloroetha...	5.422	65	279697	53.09	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 106.18%			
64) SURR3,Toluene-d8	8.049	98	727470	51.43	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 102.86%			
69) SURR2,BFB	10.665	95	276894	49.79	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 99.58%			
Target Compounds						Qvalue
16) Acetone	2.160	43	3783	1.300	ug/L	99
22) Methylene Chloride	2.520	84	813m	Below Cal		
111) Trielution Dichlorotol...	12.707	125	2180	0.299	ug/L	93
118) 2,4,5-Trichlorotoluene	14.213	159	928	0.241	ug/L	88

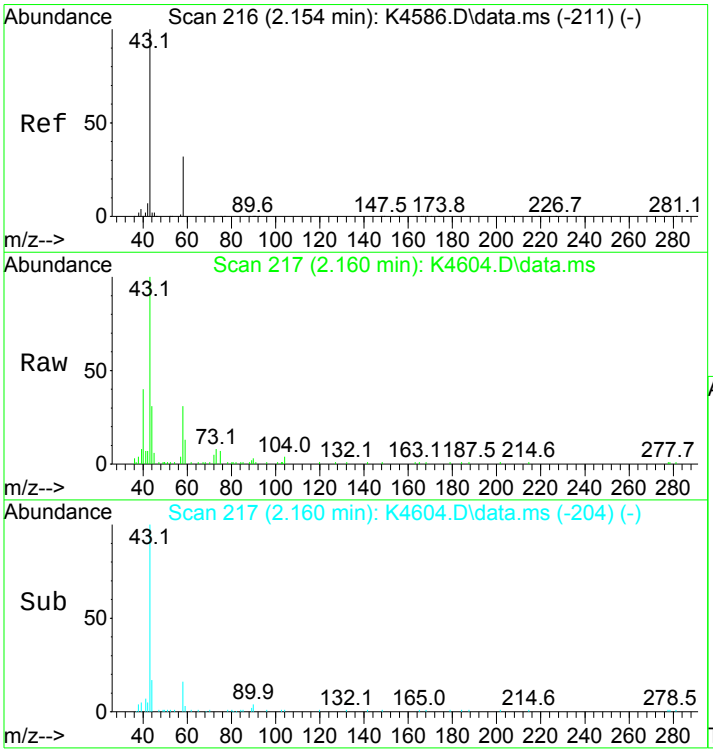
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4604.D
Acq On : 01 Aug 2024 01:47 pm
Operator : K.Ruest
Sample : R2406752-007
Misc : DAY 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 14:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

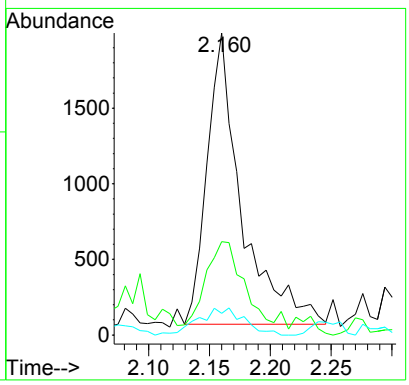


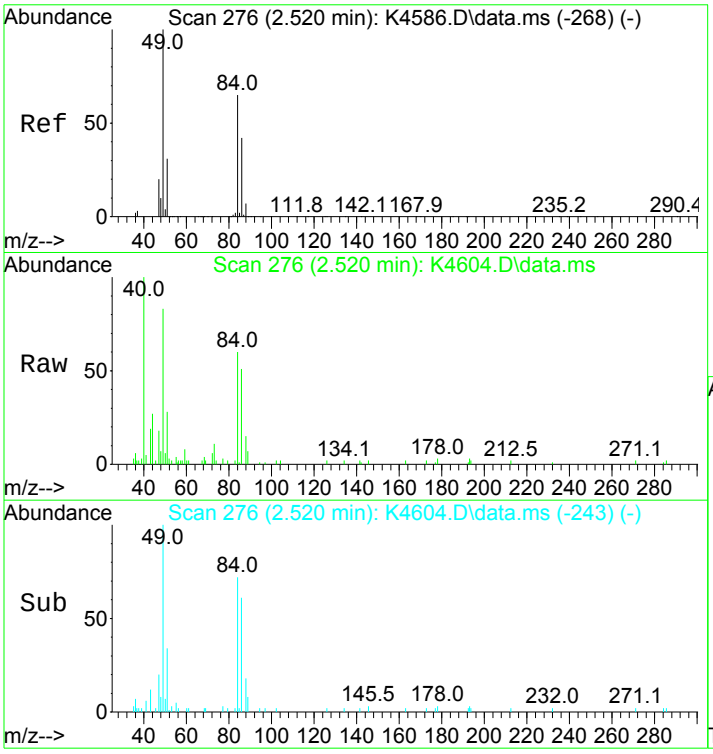


#16
Acetone
Concen: 1.30 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: K4604.D
Acq: 01 Aug 2024 01:47 pm

Tgt Ion: 43 Resp: 3783

Ion	Ratio	Lower	Upper
43	100		
58	30.9	11.5	51.5
42	7.2	0.0	27.3

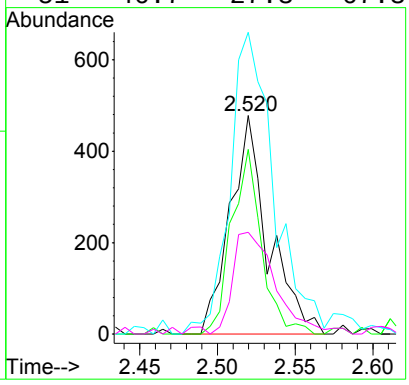


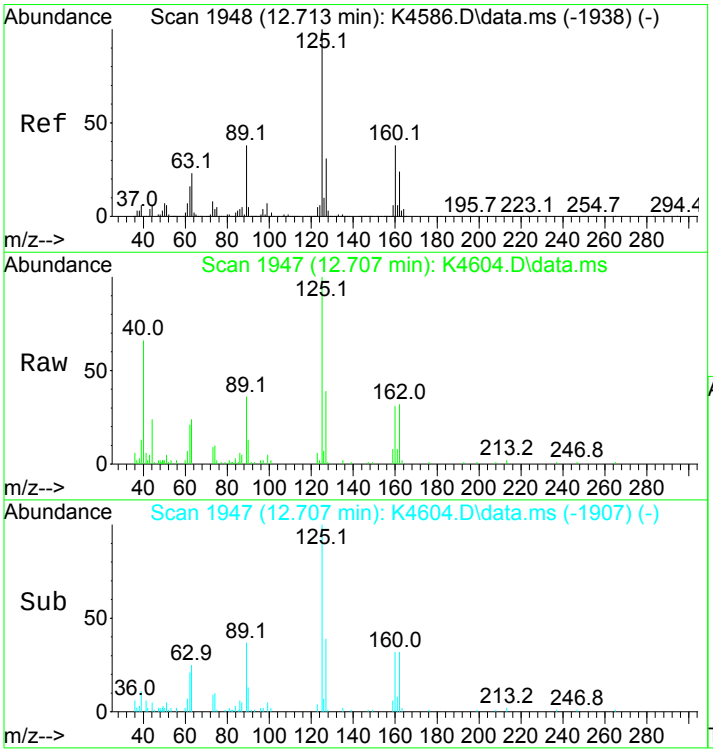


#22
Methylene Chloride
Concen: Below Cal m
RT: 2.520 min Scan# 276
Delta R.T. 0.001 min
Lab File: K4604.D
Acq: 01 Aug 2024 01:47 pm

Tgt Ion: 84 Resp: 813

Ion	Ratio	Lower	Upper
84	100		
86	84.5	44.7	84.7
49	138.1	134.9	174.9
51	46.7	27.3	67.3

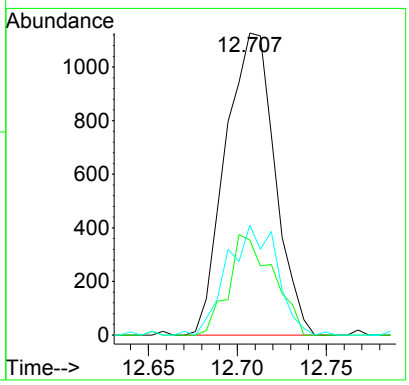


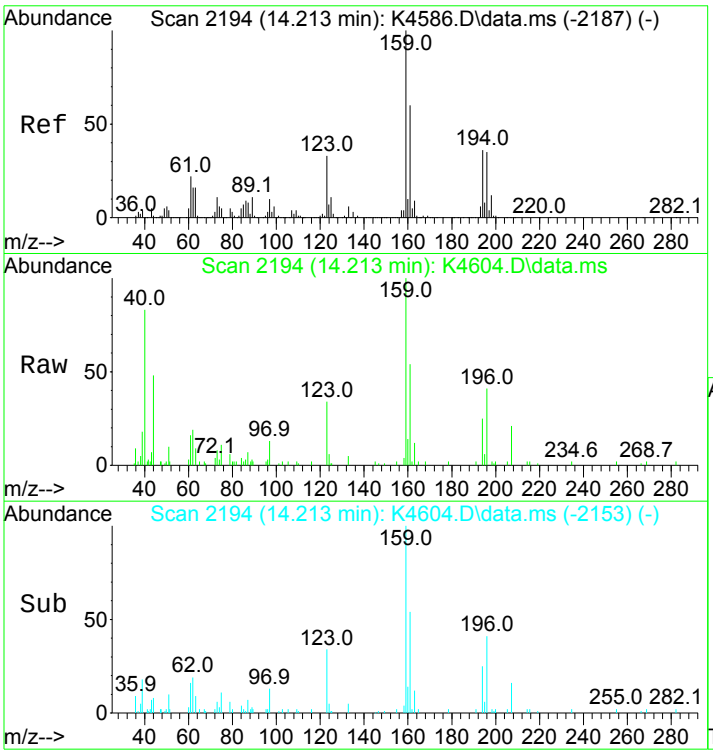


#111
Trielution Dichlorotoluene
Concen: 0.30 ug/L
RT: 12.707 min Scan# 1947
Delta R.T. -0.006 min
Lab File: K4604.D
Acq: 01 Aug 2024 01:47 pm

Tgt Ion:125 Resp: 2180

Ion	Ratio	Lower	Upper
125	100		
160	31.4	18.0	58.0
89	36.4	17.9	57.9

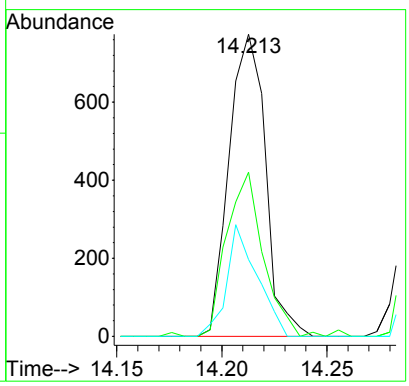




#118
2,4,5-Trichlorotoluene
Concen: 0.24 ug/L
RT: 14.213 min Scan# 2194
Delta R.T. -0.000 min
Lab File: K4604.D
Acq: 01 Aug 2024 01:47 pm

Tgt Ion:159 Resp: 928

Ion	Ratio	Lower	Upper
159	100		
161	54.4	40.4	80.4
194	25.5	16.1	56.1



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4602.D
Acq On : 01 Aug 2024 12:57 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 01 13:13:07 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

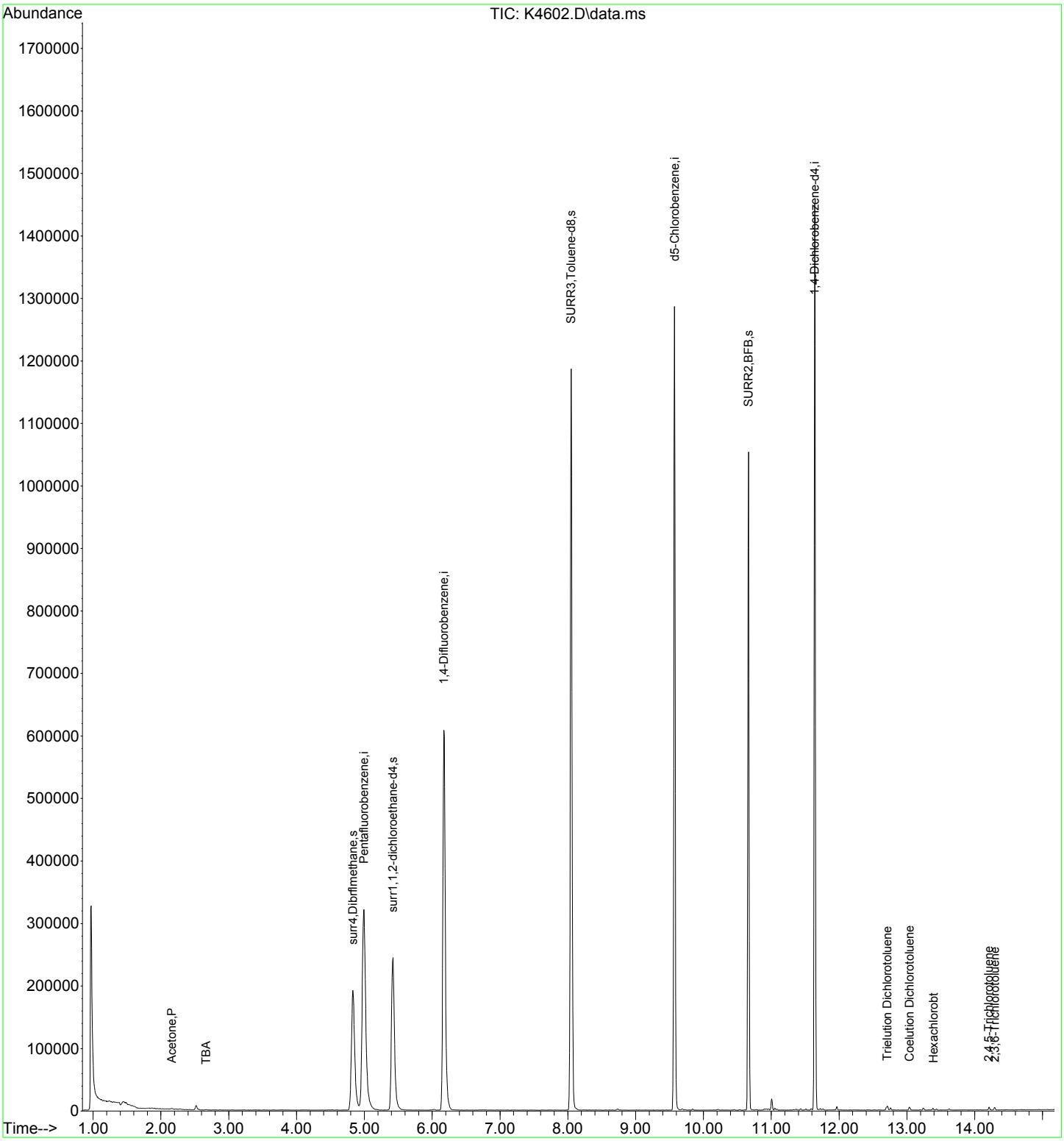
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	370507	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.172	114	630160	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	553312	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	256550	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	199766	50.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 101.64%			
47) surr1,1,2-dichloroetha...	5.422	65	280476	52.20	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 104.40%			
64) SURR3,Toluene-d8	8.049	98	727179	50.41	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 100.82%			
69) SURR2,BFB	10.665	95	275502	48.58	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 97.16%			
Target Compounds						Qvalue
16) Acetone	2.160	43	1959	0.661	ug/L	94
23) TBA	2.666	59	659	0.608	ug/L	84
111) Trielution Dichlorotol...	12.713	125	2811	0.385	ug/L	90
113) Coelution Dichlorotoluene	13.036	125	1910	0.243	ug/L	82
115) Hexachlorobt	13.390	225	379	0.210	ug/L #	77
118) 2,4,5-Trichlorotoluene	14.207	159	1118	0.290	ug/L	91
119) 2,3,6-Trichlorotoluene	14.298	159	896	0.252	ug/L	82

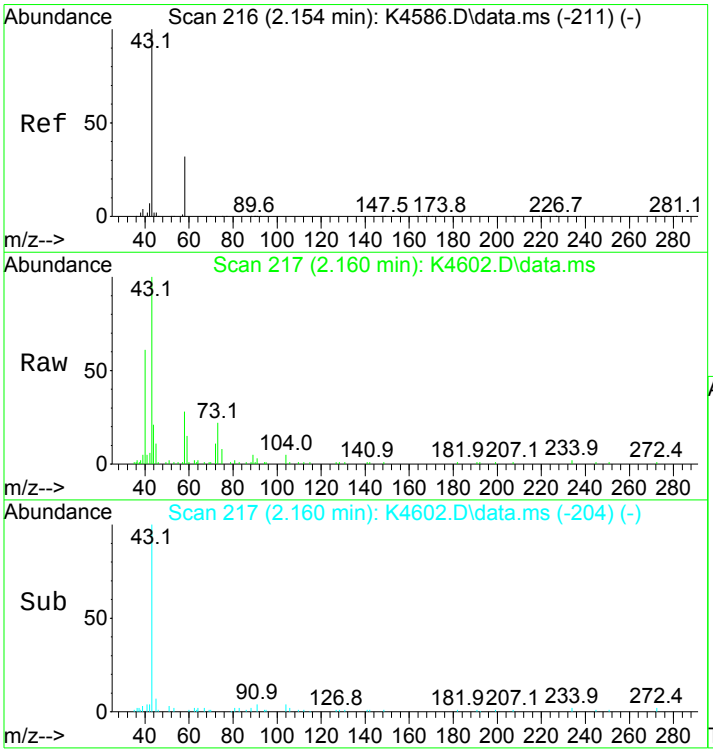
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4602.D
Acq On : 01 Aug 2024 12:57 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 01 13:13:07 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

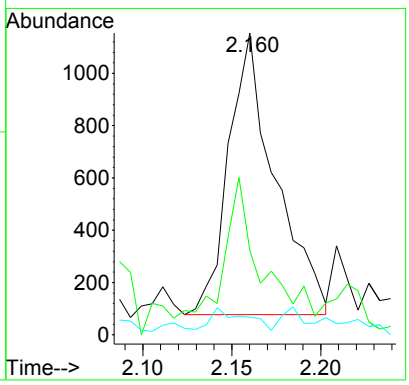


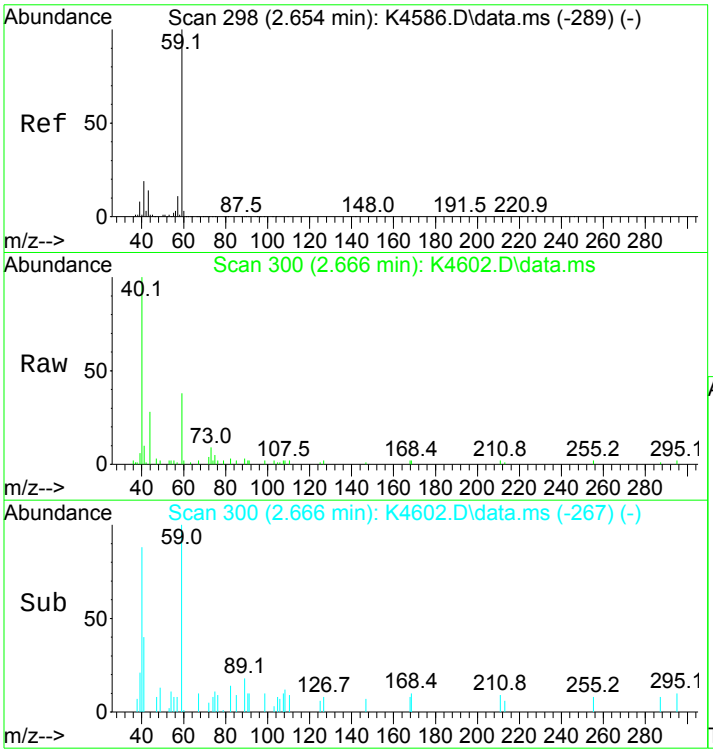


#16
Acetone
Concen: 0.66 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: K4602.D
Acq: 01 Aug 2024 12:57 pm

Tgt Ion: 43 Resp: 1959

Ion	Ratio	Lower	Upper
43	100		
58	27.9	11.5	51.5
42	5.9	0.0	27.3

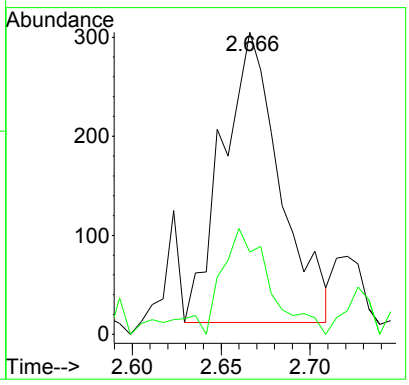


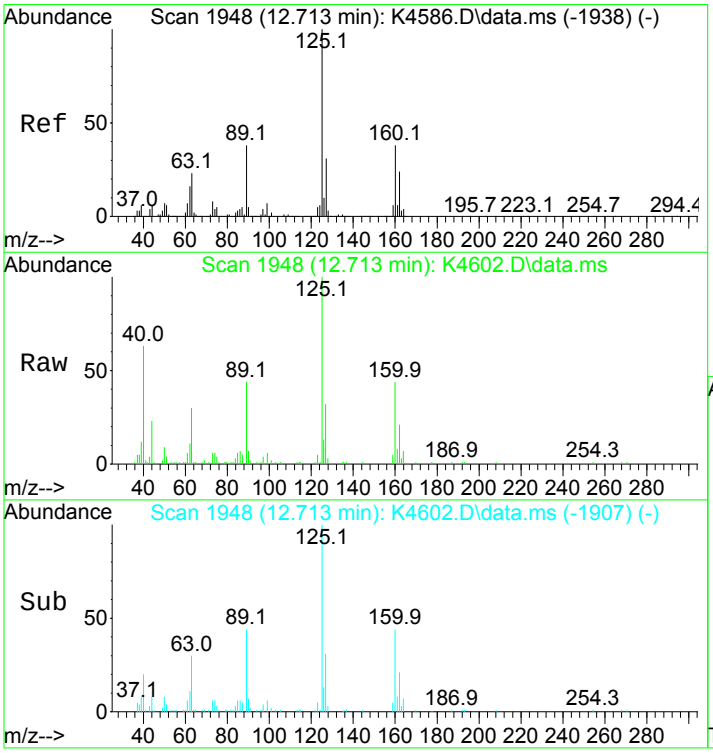


#23
TBA
Concen: 0.61 ug/L
RT: 2.666 min Scan# 300
Delta R.T. 0.012 min
Lab File: K4602.D
Acq: 01 Aug 2024 12:57 pm

Tgt Ion: 59 Resp: 659

Ion	Ratio	Lower	Upper
59	100		
41	27.2	0.0	39.7

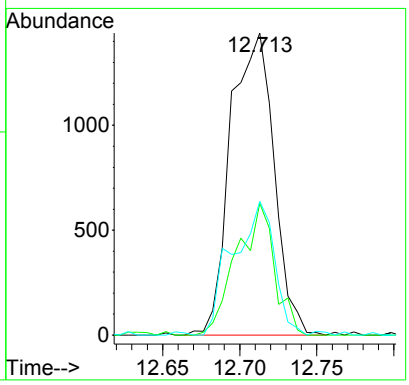


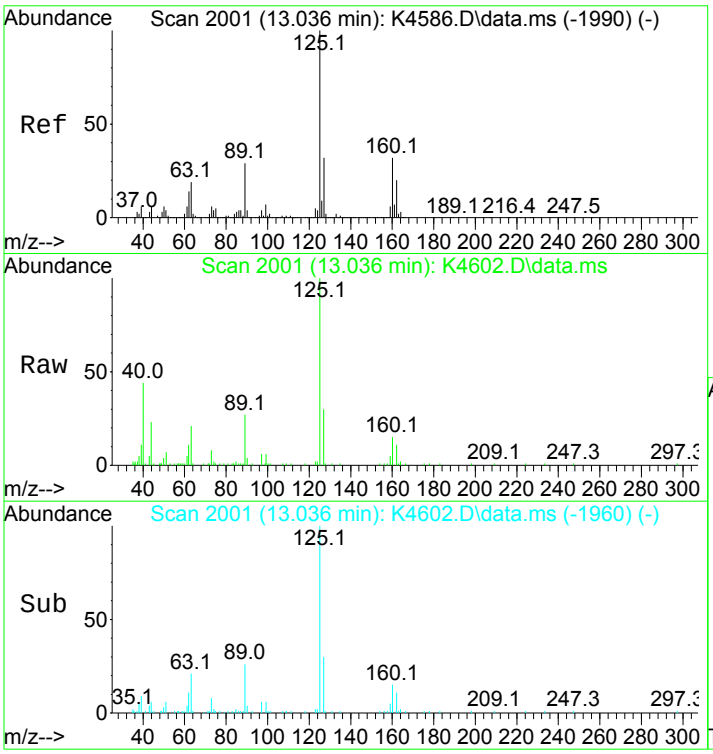


#111
Trielution Dichlorotoluene
Concen: 0.39 ug/L
RT: 12.713 min Scan# 1948
Delta R.T. -0.000 min
Lab File: K4602.D
Acq: 01 Aug 2024 12:57 pm

Tgt Ion:125 Resp: 2811

Ion	Ratio	Lower	Upper
125	100		
160	43.7	18.0	58.0
89	44.3	17.9	57.9

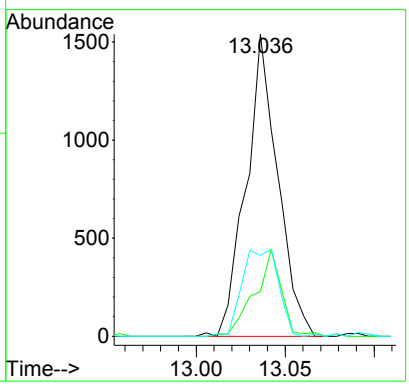


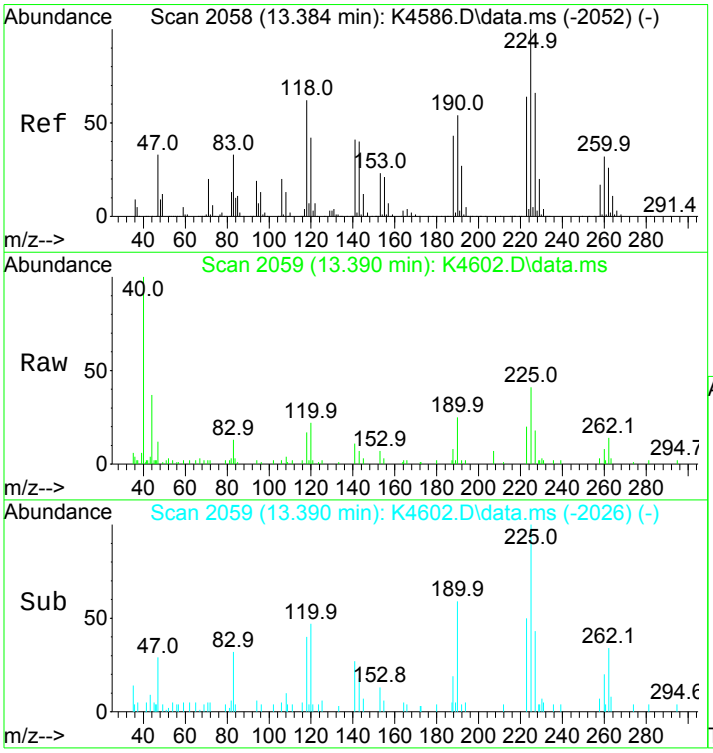


#113
Coelution Dichlorotoluene
Concen: 0.24 ug/L
RT: 13.036 min Scan# 2001
Delta R.T. -0.000 min
Lab File: K4602.D
Acq: 01 Aug 2024 12:57 pm

Tgt Ion:125 Resp: 1910

Ion	Ratio	Lower	Upper
125	100		
160	14.8	11.5	51.5
89	26.8	9.2	49.2

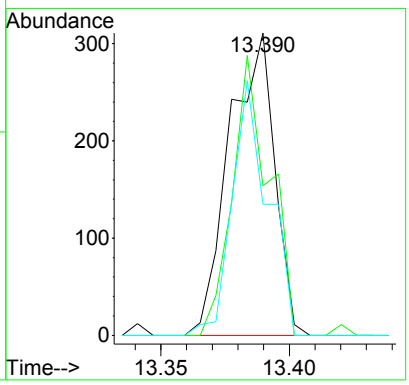


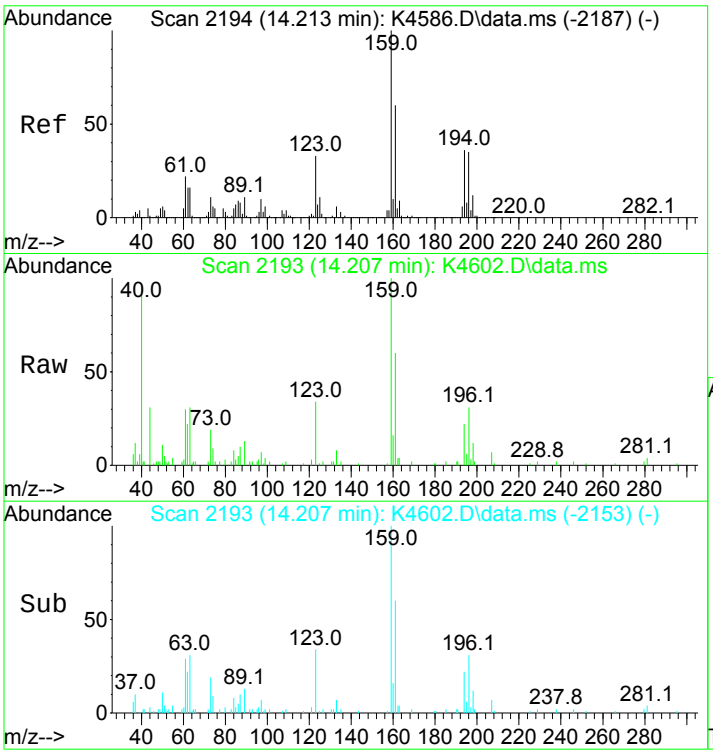


#115
Hexachlorobt
Concen: 0.21 ug/L
RT: 13.390 min Scan# 2059
Delta R.T. 0.006 min
Lab File: K4602.D
Acq: 01 Aug 2024 12:57 pm

Tgt Ion:225 Resp: 379

Ion	Ratio	Lower	Upper
225	100		
223	49.5	43.7	83.7
227	43.4	45.6	85.6#

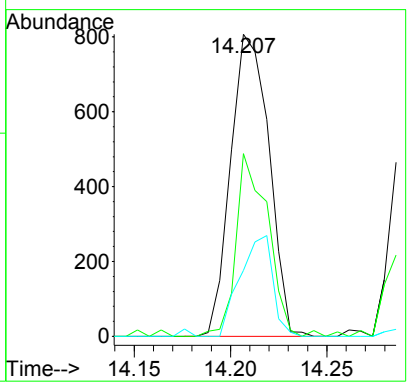


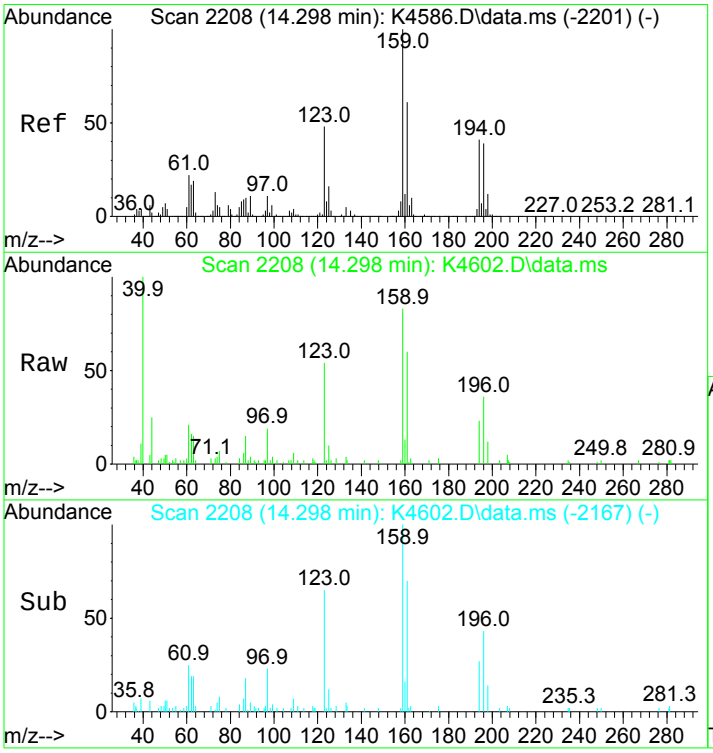


#118
2,4,5-Trichlorotoluene
Concen: 0.29 ug/L
RT: 14.207 min Scan# 2193
Delta R.T. -0.006 min
Lab File: K4602.D
Acq: 01 Aug 2024 12:57 pm

Tgt Ion:159 Resp: 1118

Ion	Ratio	Lower	Upper
159	100		
161	60.5	40.4	80.4
194	21.8	16.1	56.1

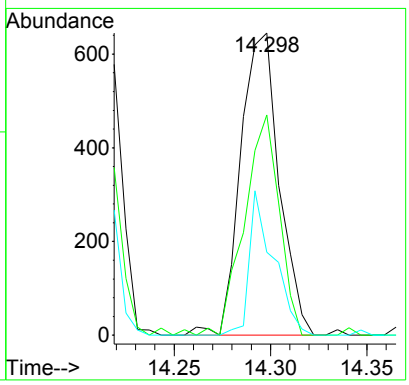




#119
2,3,6-Trichlorotoluene
Concen: 0.25 ug/L
RT: 14.298 min Scan# 2208
Delta R.T. -0.000 min
Lab File: K4602.D
Acq: 01 Aug 2024 12:57 pm

Tgt Ion:159 Resp: 896

Ion	Ratio	Lower	Upper
159	100		
161	72.9	40.9	80.9
194	27.4	21.2	61.2



1st 08/01/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4599.D
Acq On : 01 Aug 2024 11:35 am
Operator : K.Ruest
Sample : LCS-FP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 01 11:52:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.989	168	375184	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.172	114	641015	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	566427	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	266350	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.824	113	210186	52.56	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 105.12%				
47) surr1,1,2-dichloroetha...	5.416	65	278084	50.88	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 101.76%				
64) SURR3,Toluene-d8	8.049	98	750861	51.17	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 102.34%				
69) SURR2,BFB	10.665	95	285534	49.49	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 98.98%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	96509	18.902	ug/L		99
3) Dichlorodifluoromethane	1.075	85	115010	23.826	ug/L		98
4) Chloromethane	1.203	50	102338	19.768	ug/L		95
5) Vinyl Chloride	1.264	62	96477	18.465	ug/L		98
6) Bromomethane	1.465	94	47670	22.677	ug/L		98
7) Chloroethane	1.538	64	50994	15.464	ug/L		93
8) Freon 21	1.672	67	113040	16.506	ug/L		99
9) Trichlorofluoromethane	1.715	101	114624	20.295	ug/L		96
10) Diethyl Ether	1.935	59	76653	18.856	ug/L		98
11) Freon 123a	1.941	67	67500	17.714	ug/L		92
12) Freon 123	1.983	83	105784	22.754	ug/L		97
13) Acrolein	2.026	56	34035	56.807	ug/L		100
14) 1,1-Diclethene	2.105	96	63636	20.010	ug/L		96
15) Freon 113	2.111	101	63577	19.168	ug/L		94
16) Acetone	2.154	43	45400	15.118	ug/L		98
17) 2-Propanol	2.276	45	185492	313.207	ug/L		97
18) Iodomethane	2.221	142	86783	17.500	ug/L		98
19) Carbon Disulfide	2.276	76	165480	21.135	ug/L		97
20) Acetonitrile/Allyl Chl...	2.404	41	182763	115.661	ug/L		96
21) Methyl Acetate	2.434	43	85130	16.246	ug/L		93
22) Methylene Chloride	2.520	84	74171	20.733	ug/L		97
23) TBA	2.648	59	350559	319.356	ug/L		100
24) Acrylonitrile	2.758	53	232964	84.985	ug/L		97
25) Methyl-t-Butyl Ether	2.800	73	232985	19.097	ug/L		97
26) trans-1,2-Dichloroethene	2.782	96	66997	19.205	ug/L		95
27) 1,1-Diclethane	3.245	63	142291	19.779	ug/L		99
28) Vinyl Acetate	3.337	86	11408	18.415	ug/L	#	71
29) DIPE	3.361	45	246972	19.292	ug/L		93
30) 2-Chloro-1,3-Butadiene	3.355	53	129511	17.747	ug/L		93
31) ETBE	3.843	59	276471	20.463	ug/L		97
32) 2,2-Dichloropropane	4.007	77	100918	21.338	ug/L		100
33) cis-1,2-Dichloroethene	4.019	96	79654	19.627	ug/L		96
34) 2-Butanone	4.074	43	60705	16.941	ug/L		99
35) Propionitrile	4.154	54	101635	83.022	ug/L		97
36) Bromochloromethane	4.379	130	51600	19.296	ug/L		97
37) Methacrylonitrile	4.397	67	39351	17.162	ug/L		96
38) Tetrahydrofuran	4.483	42	35907	15.711	ug/L		98
39) Chloroform	4.550	83	129311	19.337	ug/L		97
40) 1,1,1-Trichloroethane	4.830	97	117552	20.032	ug/L		95

1st 08/01/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4599.D
Acq On : 01 Aug 2024 11:35 am
Operator : K.Ruest
Sample : LCS-FP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 01 11:52:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41)	TAME	5.763	73	214181	20.545	ug/L	99
43)	Cyclohexane	4.910	41	64836	17.179	ug/L	98
45)	Carbontetrachloride	5.129	117	102691	19.235	ug/L	96
46)	1,1-Dichloropropene	5.141	75	87216	18.528	ug/L	97
48)	Benzene	5.495	78	264185	19.270	ug/L	100
49)	1,2-Dichloroethane	5.544	62	127929	18.716	ug/L	99
50)	Iso-Butyl Alcohol	5.562	43	103609	310.710	ug/L	98
51)	n-Heptane	6.019	43	93471	18.202	ug/L	97
52)	1-Butanol	6.586	56	187919	844.340	ug/L	96
53)	Trichloroethene	6.507	130	77725	19.120	ug/L	96
54)	Methylcyclohexane	6.745	55	108818	18.815	ug/L	96
55)	1,2-Diclpropane	6.806	63	72001	17.348	ug/L	95
56)	Dibromomethane	6.952	93	49475	19.009	ug/L	99
57)	1,4-Dioxane	7.037	88	30367	341.596	ug/L	96
58)	Methyl Methacrylate	7.056	69	63362	18.271	ug/L	99
59)	Bromodichloromethane	7.190	83	94955	19.420	ug/L	98
60)	2-Nitropropane	7.494	41	59314	33.942	ug/L	100
62)	cis-1,3-Dichloropropene	7.751	75	115688	20.775	ug/L	98
63)	4-Methyl-2-pentanone	7.976	43	115031	17.693	ug/L	99
65)	Toluene	8.122	91	290983	18.696	ug/L	100
66)	trans-1,3-Dichloropropene	8.409	75	111138	20.780	ug/L	98
67)	Ethyl Methacrylate	8.561	69	109814	18.541	ug/L	96
68)	1,1,2-Trichloroethane	8.598	97	70738	18.860	ug/L	99
71)	Tetrachloroethene	8.726	164	53502	19.155	ug/L	100
72)	2-Hexanone	8.909	43	86236	17.273	ug/L	98
73)	1,3-Dichloropropane	8.775	76	115084	18.832	ug/L	97
74)	Dibromochloromethane	9.000	129	77777	20.141	ug/L	98
75)	N-Butyl Acetate	9.073	43	160003	16.714	ug/L	99
76)	1,2-Dibromoethane	9.092	107	78602	19.437	ug/L	94
77)	3-Chlorobenzotrifluoride	9.628	180	92908	20.187	ug/L	97
78)	Chlorobenzene	9.598	112	196069	18.473	ug/L	98
79)	4-Chlorobenzotrifluoride	9.683	180	82500	19.553	ug/L	96
80)	1,1,1,2-Tetrachloroethane	9.689	131	75525	19.749	ug/L	98
81)	Ethylbenzene	9.726	106	103938	19.476	ug/L	98
82)	(m+p)Xylene	9.842	106	259519	39.504	ug/L	97
83)	o-Xylene	10.201	106	127064	19.420	ug/L	98
84)	Styrene	10.214	104	213982	19.442	ug/L	97
85)	Bromoform	10.366	173	47417	21.733	ug/L	99
86)	2-Chlorobenzotrifluoride	10.457	180	89124	19.111	ug/L	98
87)	Isopropylbenzene	10.537	105	320839	19.126	ug/L	99
88)	Cyclohexanone	10.604	55	105072	84.785	ug/L	98
89)	trans-1,4-Dichloro-2-B...	10.860	53	38075	16.085	ug/L	99
91)	1,1,2,2-Tetrachloroethane	10.811	83	104684	18.779	ug/L	100
92)	Bromobenzene	10.780	156	80065	18.844	ug/L	95
93)	1,2,3-Trichloropropane	10.835	110	37092	18.350	ug/L	100
94)	n-Propylbenzene	10.896	91	372621	19.306	ug/L	98
95)	2-Chlorotoluene	10.957	91	228599	18.833	ug/L	98
96)	3-Chlorotoluene	11.012	91	239658	19.515	ug/L	97
97)	4-Chlorotoluene	11.055	91	271138	19.420	ug/L	99
98)	1,3,5-Trimethylbenzene	11.055	105	279977	19.153	ug/L	99
99)	tert-Butylbenzene	11.323	119	238006	19.077	ug/L	98
100)	1,2,4-Trimethylbenzene	11.366	105	280952	18.959	ug/L	99
101)	3,4-Dichlorobenzotrifl...	11.433	214	61880	19.229	ug/L	97
102)	sec-Butylbenzene	11.506	105	333111	19.069	ug/L	98
103)	p-Isopropyltoluene	11.634	119	303911	19.783	ug/L	99
104)	1,3-Dclbenz	11.585	146	158758	19.509	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4599.D
Acq On : 01 Aug 2024 11:35 am
Operator : K.Ruest
Sample : LCS-FP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 01 11:52:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

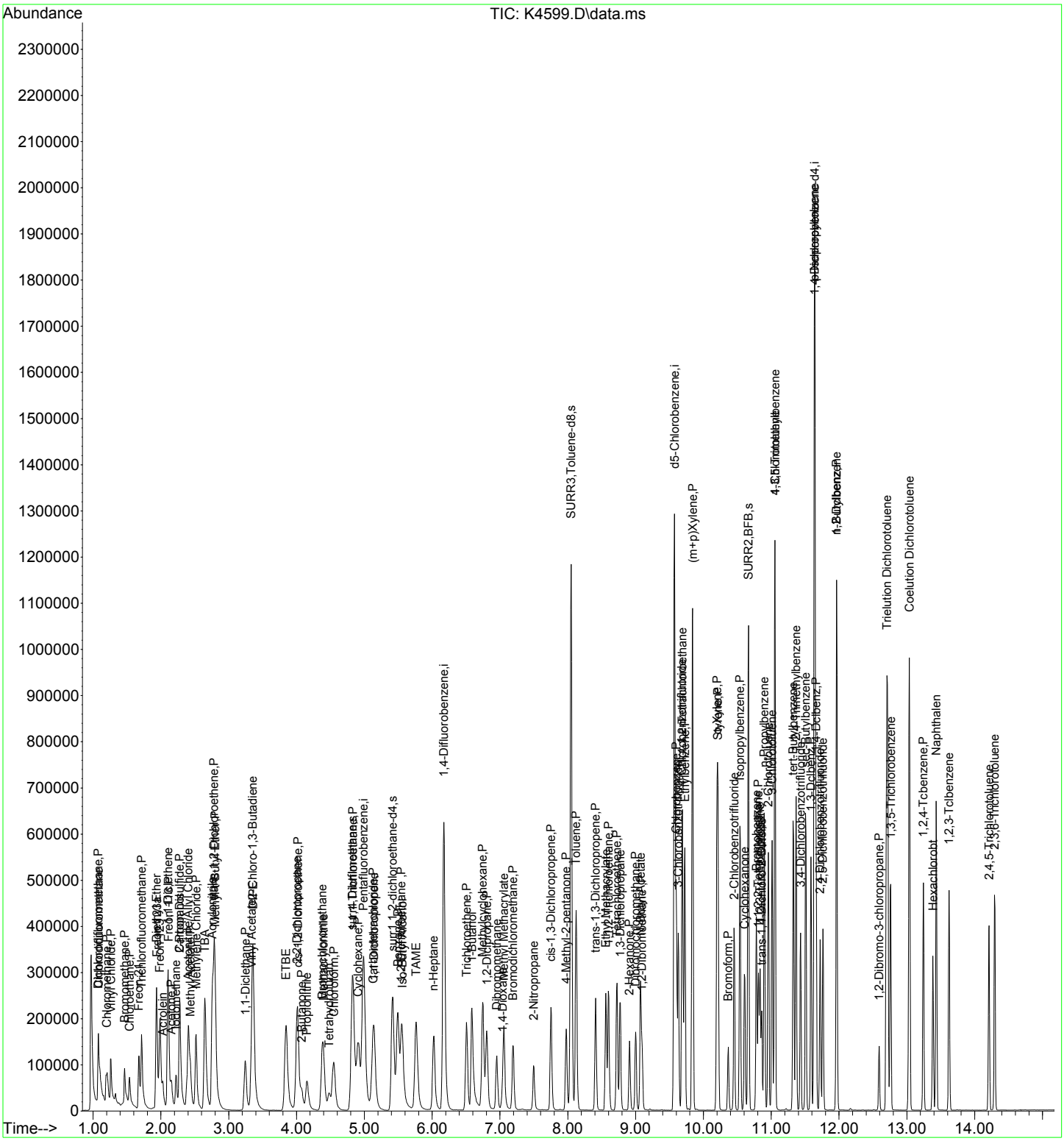
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 1,4-Dclbenz	11.658	146	159891	19.460	ug/L	97
106) 2,4-Dichlorobenzotrifl...	11.719	214	54965	19.397	ug/L	91
107) 2,5-Dichlorobenzotrifl...	11.762	214	61251	19.391	ug/L	95
108) n-Butylbenzene	11.963	91	265422	19.840	ug/L	98
109) 1,2-Dclbenz	11.963	146	152856	19.025	ug/L	100
110) 1,2-Dibromo-3-chloropr...	12.591	157	24471	18.168	ug/L	97
111) Trielution Dichlorotol...	12.707	125	453798	59.925	ug/L	97
112) 1,3,5-Trichlorobenzene	12.762	180	105732	20.140	ug/L	99
113) Coelution Dichlorotoluene	13.036	125	330326	40.552	ug/L	98
114) 1,2,4-Tcbenzene	13.243	180	100218	19.688	ug/L	97
115) Hexachlorobt	13.384	225	38512	20.553	ug/L	98
116) Naphthalen	13.432	128	372405	19.346	ug/L	99
117) 1,2,3-Tclbenzene	13.621	180	97992	19.535	ug/L	96
118) 2,4,5-Trichlorotoluene	14.213	159	82162	20.561	ug/L	96
119) 2,3,6-Trichlorotoluene	14.292	159	85624	23.160	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4599.D
Acq On : 01 Aug 2024 11:35 am
Operator : K.Ruest
Sample : LCS-FP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 01 11:52:44 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration



1st 08/02/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4620.D
Acq On : 01 Aug 2024 08:08 pm
Operator : K.Ruest
Sample : R2406752-003MS|1.0
Misc : DAY 8260 T4
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 10:30:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	353346	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	607455	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	549003	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	268318	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.837	113	197414	52.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 104.20%			
47) surr1,1,2-dichloroetha...	5.422	65	262861	50.75	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 101.50%			
64) SURR3,Toluene-d8	8.049	98	702862	50.55	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 101.10%			
69) SURR2,BFB	10.665	95	280520	51.31	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 102.62%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.093	51	255070	53.046	ug/L	98
3) Dichlorodifluoromethane	1.075	85	306201	67.354	ug/L	98
4) Chloromethane	1.203	50	250471	51.371	ug/L	97
5) Vinyl Chloride	1.258	62	255442	51.911	ug/L	98
6) Bromomethane	1.459	94	63260	32.748	ug/L	96
7) Chloroethane	1.532	64	141022	45.408	ug/L	99
8) Freon 21	1.672	67	289943	44.955	ug/L	100
9) Trichlorofluoromethane	1.715	101	313399	58.919	ug/L	100
10) Diethyl Ether	1.935	59	201250	52.565	ug/L	98
11) Freon 123a	1.935	67	180745	50.365	ug/L	99
12) Freon 123	1.990	83	271248	61.950	ug/L	99
13) Acrolein	2.026	56	88006	155.966	ug/L	98
14) 1,1-Diclethene	2.105	96	172230	57.504	ug/L	98
15) Freon 113	2.105	101	170537	54.593	ug/L	99
16) Acetone	2.154	43	116438	41.170	ug/L	100
17) 2-Propanol	2.282	45	496628	890.393	ug/L	97
18) Iodomethane	2.221	142	165176	35.366	ug/L	99
19) Carbon Disulfide	2.276	76	436603	59.209	ug/L	100
20) Acetonitrile/Allyl Chl...	2.404	41	504598	339.069	ug/L	98
21) Methyl Acetate	2.435	43	209220	42.394	ug/L	98
22) Methylene Chloride	2.520	84	181340	55.001	ug/L	99
23) TBA	2.654	59	993315	960.826	ug/L	100
24) Acrylonitrile	2.758	53	617957	239.362	ug/L	100
25) Methyl-t-Butyl Ether	2.800	73	605231	52.675	ug/L	95
26) trans-1,2-Dichloroethene	2.782	96	179795	54.724	ug/L	96
27) 1,1-Diclethane	3.245	63	378777	55.905	ug/L	99
28) Vinyl Acetate	3.337	86	31584	49.657	ug/L #	66
29) DIPE	3.361	45	637596	52.882	ug/L	98
30) 2-Chloro-1,3-Butadiene	3.355	53	353038	51.368	ug/L	94
31) ETBE	3.849	59	690460	54.263	ug/L	99
32) 2,2-Dichloropropane	4.014	77	265350	59.572	ug/L	97
33) cis-1,2-Dichloroethene	4.020	96	211841	55.424	ug/L	100
34) 2-Butanone	4.074	43	161777	47.937	ug/L	98
35) Propionitrile	4.154	54	276837	240.114	ug/L	99
36) Bromochloromethane	4.385	130	137125	54.449	ug/L	98
37) Methacrylonitrile	4.398	67	107176	49.631	ug/L	100
38) Tetrahydrofuran	4.477	42	101092	46.965	ug/L	98
39) Chloroform	4.550	83	342556	54.390	ug/L	98
40) 1,1,1-Trichloroethane	4.830	97	321917	58.248	ug/L	98

1st 08/02/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4620.D
Acq On : 01 Aug 2024 08:08 pm
Operator : K.Ruest
Sample : R2406752-003MS|1.0
Misc : DAY 8260 T4
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 10:30:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) TAME	5.763	73	535481	54.540	ug/L	99
43) Cyclohexane	4.916	41	170582	47.695	ug/L	97
45) Carbontetrachloride	5.135	117	284676	56.269	ug/L	98
46) 1,1-Dichloropropene	5.147	75	232898	52.209	ug/L	98
48) Benzene	5.495	78	704925	54.258	ug/L	99
49) 1,2-Dichloroethane	5.550	62	336826	51.999	ug/L	99
50) Iso-Butyl Alcohol	5.562	43	310339	982.083	ug/L	98
51) n-Heptane	6.025	43	252237	51.834	ug/L	98
52) 1-Butanol	6.586	56	551368	2433.565	ug/L	97
53) Trichloroethene	6.513	130	207843	53.953	ug/L	99
54) Methylcyclohexane	6.751	55	267206	48.752	ug/L	99
55) 1,2-Diclpropane	6.806	63	188647	47.965	ug/L	96
56) Dibromomethane	6.952	93	133144	53.982	ug/L	99
57) 1,4-Dioxane	7.037	88	81914	972.350	ug/L	95
58) Methyl Methacrylate	7.062	69	170656	51.929	ug/L	96
59) Bromodichloromethane	7.196	83	258423	55.773	ug/L	99
60) 2-Nitropropane	7.501	41	180700	109.117	ug/L	95
62) cis-1,3-Dichloropropene	7.757	75	305320	57.857	ug/L	98
63) 4-Methyl-2-pentanone	7.976	43	305585	49.599	ug/L	99
65) Toluene	8.123	91	788861	53.484	ug/L	99
66) trans-1,3-Dichloropropene	8.409	75	299787	59.150	ug/L	98
67) Ethyl Methacrylate	8.562	69	292644	52.141	ug/L	99
68) 1,1,2-Trichloroethane	8.604	97	189900	53.428	ug/L	99
71) Tetrachloroethene	8.726	164	146699	54.188	ug/L	95
72) 2-Hexanone	8.909	43	233064	48.165	ug/L	99
73) 1,3-Dichloropropane	8.775	76	297977	50.308	ug/L	100
74) Dibromochloromethane	9.000	129	217123	58.011	ug/L	98
75) N-Butyl Acetate	9.074	43	401769	43.300	ug/L	99
76) 1,2-Dibromoethane	9.098	107	204745	52.237	ug/L	98
77) 3-Chlorobenzotrifluoride	9.634	180	239711	53.736	ug/L	98
78) Chlorobenzene	9.598	112	526485	51.178	ug/L	98
79) 4-Chlorobenzotrifluoride	9.689	180	215768	52.762	ug/L	98
80) 1,1,1,2-Tetrachloroethane	9.695	131	209838	56.611	ug/L	99
81) Ethylbenzene	9.726	106	286276	55.346	ug/L	100
82) (m+p)Xylene	9.842	106	708409	111.256	ug/L	98
83) o-Xylene	10.201	106	342750	54.047	ug/L	100
84) Styrene	10.214	104	585173	54.855	ug/L	97
85) Bromoform	10.366	173	137573	60.511	ug/L	98
86) 2-Chlorobenzotrifluoride	10.458	180	232285	51.391	ug/L	99
87) Isopropylbenzene	10.543	105	899475	55.322	ug/L	99
88) Cyclohexanone	10.610	55	294975	245.577	ug/L	98
89) trans-1,4-Dichloro-2-B...	10.860	53	104706	45.636	ug/L	99
91) 1,1,2,2-Tetrachloroethane	10.811	83	282146	50.242	ug/L	98
92) Bromobenzene	10.781	156	218683	51.091	ug/L	99
93) 1,2,3-Trichloropropane	10.835	110	101709	49.947	ug/L	95
94) n-Propylbenzene	10.903	91	1032485	53.102	ug/L	99
95) 2-Chlorotoluene	10.957	91	628073	51.365	ug/L	98
96) 3-Chlorotoluene	11.012	91	621586	50.244	ug/L	100
97) 4-Chlorotoluene	11.055	91	752146	53.478	ug/L	100
98) 1,3,5-Trimethylbenzene	11.055	105	781664	53.082	ug/L	99
99) tert-Butylbenzene	11.329	119	683265	54.366	ug/L	100
100) 1,2,4-Trimethylbenzene	11.366	105	778849	52.171	ug/L	99
101) 3,4-Dichlorobenzotrifl...	11.433	214	164714	50.809	ug/L	96
102) sec-Butylbenzene	11.512	105	950929	54.037	ug/L	100
103) p-Isopropyltoluene	11.634	119	848599	54.834	ug/L	99
104) 1,3-Dclbenz	11.585	146	433128	52.836	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4620.D
Acq On : 01 Aug 2024 08:08 pm
Operator : K.Ruest
Sample : R2406752-003MS|1.0
Misc : DAY 8260 T4
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 10:30:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

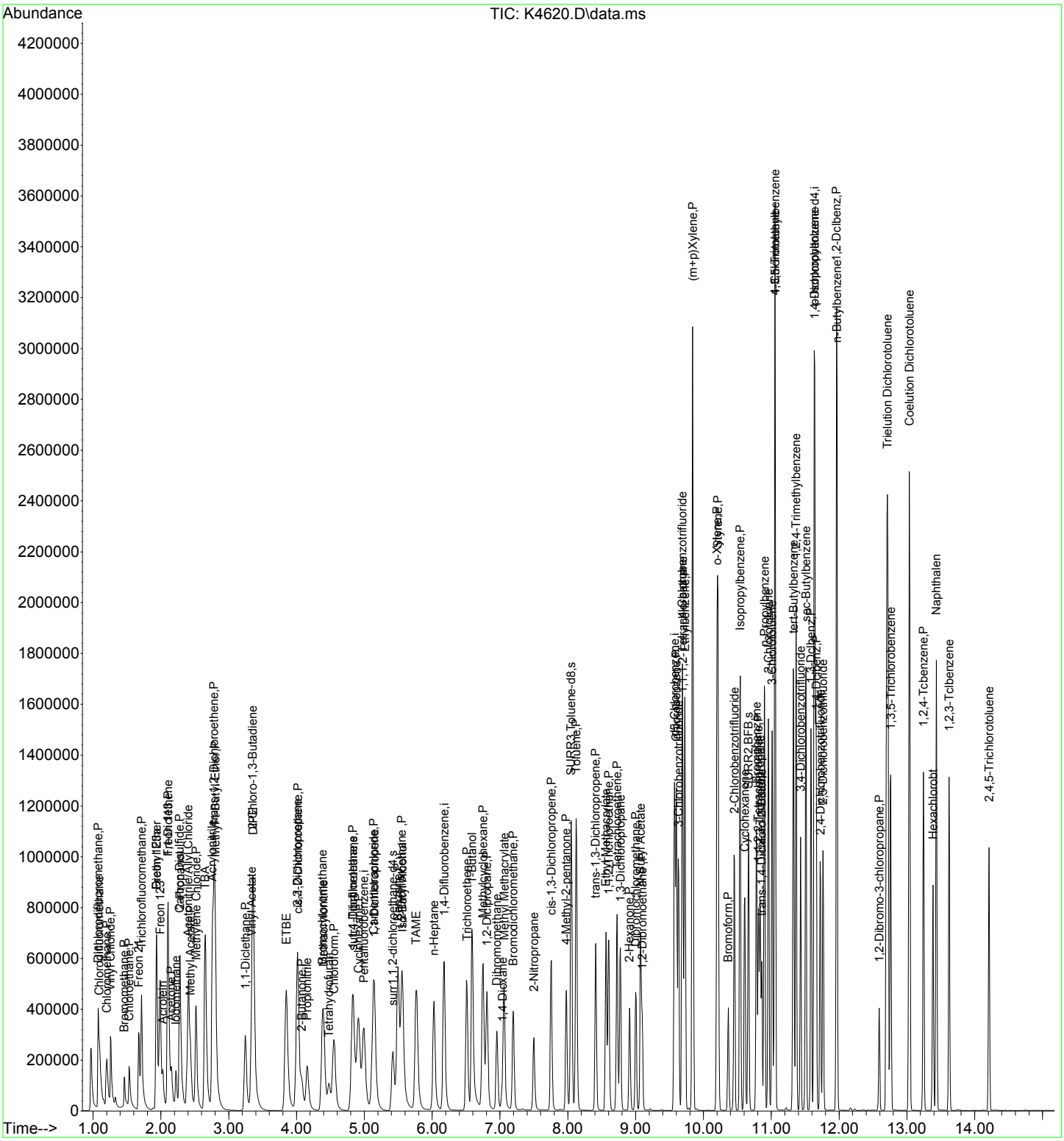
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 1,4-Dclbenz	11.665	146	436497	52.736	ug/L	99
106) 2,4-Dichlorobenzotrifl...	11.726	214	148250	51.932	ug/L	98
107) 2,5-Dichlorobenzotrifl...	11.762	214	163881	51.502	ug/L	94
108) n-Butylbenzene	11.969	91	736343	54.636	ug/L	99
109) 1,2-Dclbenz	11.963	146	420906	52.004	ug/L	100
110) 1,2-Dibromo-3-chloropr...	12.591	157	73709	51.806	ug/L	99
111) Trielution Dichlorotol...	12.713	125	1180465	154.738	ug/L	99
112) 1,3,5-Trichlorobenzene	12.762	180	268910	50.848	ug/L	98
113) Coelution Dichlorotoluene	13.036	125	848528	103.405	ug/L	98
114) 1,2,4-Tcbenzene	13.244	180	274934	53.616	ug/L	98
115) Hexachlorobt	13.384	225	103729	54.952	ug/L	98
116) Naphthalen	13.433	128	1019378	52.568	ug/L	100
117) 1,2,3-Tclbenzene	13.622	180	262764	51.997	ug/L	96
118) 2,4,5-Trichlorotoluene	14.213	159	204261	50.742	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/02/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4620.D
Acq On : 01 Aug 2024 08:08 pm
Operator : K.Ruest
Sample : R2406752-003MS|1.0
Misc : DAY 8260 T4
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 02 10:30:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4621.D
Acq On : 01 Aug 2024 08:32 pm
Operator : K.Ruest
Sample : R2406752-003DMS|1.0
Misc : DAY 8260 T4
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 02 10:30:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	366452	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.177	114	612096	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	551638	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.646	152	272304	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	202271	52.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 105.96%			
47) surr1,1,2-dichloroetha...	5.421	65	269972	51.73	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 103.46%			
64) SURR3,Toluene-d8	8.049	98	723292	51.62	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 103.24%			
69) SURR2,BFB	10.664	95	287286	52.15	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 104.30%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.093	51	259546	52.046	ug/L	98
3) Dichlorodifluoromethane	1.075	85	306050	64.913	ug/L	97
4) Chloromethane	1.203	50	258291	51.081	ug/L	97
5) Vinyl Chloride	1.257	62	256899	50.339	ug/L	97
6) Bromomethane	1.459	94	70140	35.216	ug/L	95
7) Chloroethane	1.532	64	140285	43.555	ug/L	98
8) Freon 21	1.672	67	299503	44.776	ug/L	99
9) Trichlorofluoromethane	1.715	101	314937	57.091	ug/L	97
10) Diethyl Ether	1.934	59	203084	51.147	ug/L	98
11) Freon 123a	1.934	67	187676	50.426	ug/L	100
12) Freon 123	1.989	83	276104	60.804	ug/L	98
13) Acrolein	2.032	56	84535	144.457	ug/L	99
14) 1,1-Diclethene	2.105	96	176289	56.755	ug/L	100
15) Freon 113	2.105	101	171232	52.855	ug/L	99
16) Acetone	2.154	43	118021	40.237	ug/L	99
17) 2-Propanol	2.282	45	515879	891.828	ug/L	97
18) Iodomethane	2.221	142	177077	36.559	ug/L	98
19) Carbon Disulfide	2.276	76	442624	57.879	ug/L	100
20) Acetonitrile/Allyl Chl...	2.404	41	518937	336.233	ug/L	98
21) Methyl Acetate	2.434	43	216327	42.266	ug/L	96
22) Methylene Chloride	2.519	84	188777	55.211	ug/L	99
23) TBA	2.654	59	1005849	938.153	ug/L	98
24) Acrylonitrile	2.757	53	630986	235.668	ug/L	99
25) Methyl-t-Butyl Ether	2.800	73	621023	52.117	ug/L	96
26) trans-1,2-Dichloroethene	2.782	96	184275	54.082	ug/L	96
27) 1,1-Diclethane	3.245	63	383874	54.631	ug/L	99
28) Vinyl Acetate	3.336	86	30822	47.035	ug/L #	64
29) DIPE	3.361	45	659337	52.730	ug/L	94
30) 2-Chloro-1,3-Butadiene	3.355	53	351427	49.304	ug/L	98
31) ETBE	3.848	59	722027	54.715	ug/L	99
32) 2,2-Dichloropropane	4.013	77	264893	57.342	ug/L	97
33) cis-1,2-Dichloroethene	4.013	96	214646	54.149	ug/L	98
34) 2-Butanone	4.080	43	156611	44.747	ug/L	99
35) Propionitrile	4.153	54	281152	235.135	ug/L	98
36) Bromochloromethane	4.379	130	140506	53.796	ug/L	99
37) Methacrylonitrile	4.397	67	109887	49.067	ug/L	100
38) Tetrahydrofuran	4.482	42	100896	45.198	ug/L	93
39) Chloroform	4.550	83	347834	53.253	ug/L	99
40) 1,1,1-Trichloroethane	4.824	97	322683	56.299	ug/L	99

1st 08/02/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4621.D
Acq On : 01 Aug 2024 08:32 pm
Operator : K.Ruest
Sample : R2406752-003DMS|1.0
Misc : DAY 8260 T4
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 02 10:30:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) TAME	5.763	73	556902	54.693	ug/L	98
43) Cyclohexane	4.915	41	173298	48.087	ug/L	99
45) Carbontetrachloride	5.129	117	284033	55.717	ug/L	99
46) 1,1-Dichloropropene	5.147	75	236430	52.599	ug/L	98
48) Benzene	5.495	78	719660	54.972	ug/L	99
49) 1,2-Dichloroethane	5.549	62	341994	52.397	ug/L	99
50) Iso-Butyl Alcohol	5.562	43	316062	992.610	ug/L	99
51) n-Heptane	6.025	43	250935	51.175	ug/L	98
52) 1-Butanol	6.586	56	573081	2503.875	ug/L	99
53) Trichloroethene	6.507	130	211083	54.378	ug/L	98
54) Methylcyclohexane	6.750	55	275126	49.817	ug/L	97
55) 1,2-Diclpropane	6.805	63	197407	49.811	ug/L	98
56) Dibromomethane	6.952	93	135024	54.329	ug/L	99
57) 1,4-Dioxane	7.031	88	84860	999.683	ug/L	98
58) Methyl Methacrylate	7.061	69	175204	52.909	ug/L	98
59) Bromodichloromethane	7.195	83	265024	56.764	ug/L	99
60) 2-Nitropropane	7.500	41	181757	108.923	ug/L	95
62) cis-1,3-Dichloropropene	7.750	75	306784	57.694	ug/L	98
63) 4-Methyl-2-pentanone	7.976	43	305279	49.173	ug/L	98
65) Toluene	8.122	91	805094	54.171	ug/L	99
66) trans-1,3-Dichloropropene	8.415	75	305412	59.803	ug/L	99
67) Ethyl Methacrylate	8.561	69	300540	53.142	ug/L	100
68) 1,1,2-Trichloroethane	8.604	97	193060	53.905	ug/L	98
71) Tetrachloroethene	8.726	164	147942	54.387	ug/L	98
72) 2-Hexanone	8.909	43	230879	47.485	ug/L	98
73) 1,3-Dichloropropane	8.774	76	305659	51.359	ug/L	98
74) Dibromochloromethane	9.000	129	222519	59.169	ug/L	98
75) N-Butyl Acetate	9.073	43	413100	44.309	ug/L	100
76) 1,2-Dibromoethane	9.098	107	210608	53.476	ug/L	98
77) 3-Chlorobenzotrifluoride	9.634	180	246652	55.028	ug/L	98
78) Chlorobenzene	9.597	112	535757	51.830	ug/L	98
79) 4-Chlorobenzotrifluoride	9.689	180	222534	54.157	ug/L	99
80) 1,1,1,2-Tetrachloroethane	9.695	131	216309	58.078	ug/L	99
81) Ethylbenzene	9.725	106	288341	55.479	ug/L	98
82) (m+p)Xylene	9.841	106	721214	112.726	ug/L	98
83) o-Xylene	10.201	106	348364	54.670	ug/L	99
84) Styrene	10.219	104	598077	55.797	ug/L	100
85) Bromoform	10.366	173	142243	62.094	ug/L	99
86) 2-Chlorobenzotrifluoride	10.457	180	243422	53.598	ug/L	99
87) Isopropylbenzene	10.542	105	903538	55.307	ug/L	99
88) Cyclohexanone	10.609	55	301612	249.903	ug/L	99
89) trans-1,4-Dichloro-2-B...	10.859	53	105160	45.615	ug/L	98
91) 1,1,2,2-Tetrachloroethane	10.811	83	290221	50.924	ug/L	98
92) Bromobenzene	10.780	156	224974	51.792	ug/L	99
93) 1,2,3-Trichloropropane	10.835	110	102438	49.568	ug/L	99
94) n-Propylbenzene	10.902	91	1047447	53.083	ug/L	99
95) 2-Chlorotoluene	10.957	91	638783	51.476	ug/L	99
96) 3-Chlorotoluene	11.012	91	667318	53.151	ug/L	100
97) 4-Chlorotoluene	11.054	91	747327	52.357	ug/L	99
98) 1,3,5-Trimethylbenzene	11.054	105	790054	52.866	ug/L	100
99) tert-Butylbenzene	11.329	119	691731	54.234	ug/L	100
100) 1,2,4-Trimethylbenzene	11.365	105	798772	52.722	ug/L	100
101) 3,4-Dichlorobenzotrifl...	11.432	214	167738	50.985	ug/L	96
102) sec-Butylbenzene	11.512	105	968908	54.253	ug/L	99
103) p-Isopropyltoluene	11.634	119	855163	54.449	ug/L	100
104) 1,3-Dclbenz	11.585	146	448080	53.860	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4621.D
Acq On : 01 Aug 2024 08:32 pm
Operator : K.Ruest
Sample : R2406752-003DMS|1.0
Misc : DAY 8260 T4
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 02 10:30:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

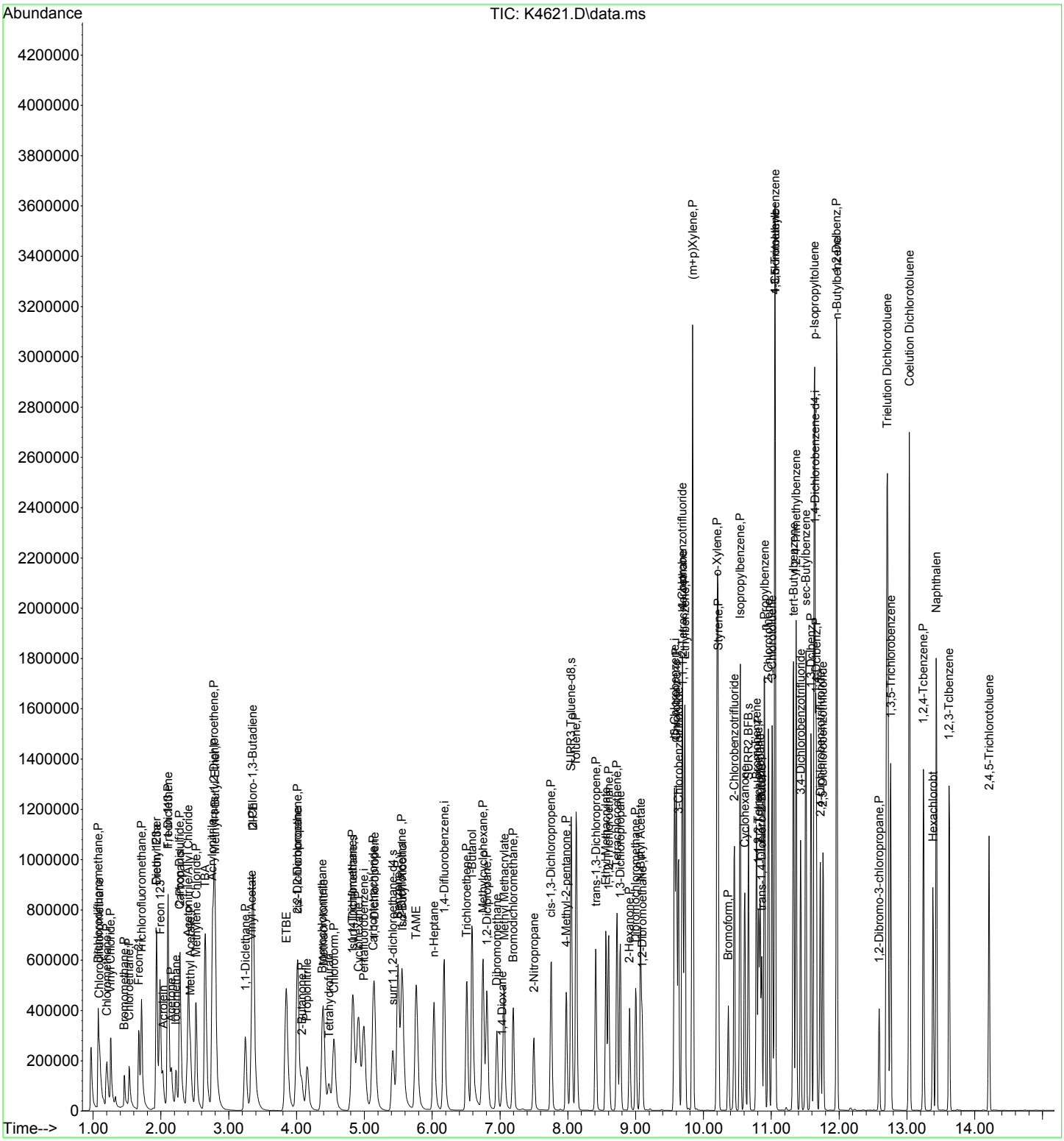
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 1,4-Dclbenz	11.664	146	442916	52.728	ug/L	100
106) 2,4-Dichlorobenzotrifl...	11.725	214	152793	52.740	ug/L	98
107) 2,5-Dichlorobenzotrifl...	11.762	214	172371	53.377	ug/L	94
108) n-Butylbenzene	11.969	91	753575	55.096	ug/L	99
109) 1,2-Dclbenz	11.963	146	432175	52.615	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.591	157	76277	52.763	ug/L	97
111) Trielution Dichlorotol...	12.713	125	1219558	157.523	ug/L	100
112) 1,3,5-Trichlorobenzene	12.762	180	280027	52.175	ug/L	97
113) Coelution Dichlorotoluene	13.036	125	879297	105.586	ug/L	98
114) 1,2,4-Tcbenzene	13.243	180	280830	53.964	ug/L	98
115) Hexachlorobt	13.383	225	103892	54.233	ug/L	99
116) Naphthalen	13.432	128	1044301	53.064	ug/L	100
117) 1,2,3-Tclbenzene	13.621	180	271061	52.854	ug/L	97
118) 2,4,5-Trichlorotoluene	14.212	159	215596	52.774	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4621.D
Acq On : 01 Aug 2024 08:32 pm
Operator : K.Ruest
Sample : R2406752-003DMS|1.0
Misc : DAY 8260 T4
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 02 10:30:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4598.D
Acq On : 01 Aug 2024 11:01 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:52:39 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Pentafluorobenzene	50.000	50.000	0.0	105	0.00
2		Chlorodifluoromethane	50.000	46.455	7.1	99	0.00
3	P	Dichlorodifluoromethane	50.000	49.712	0.6	101	0.00
4	P	Chloromethane	50.000	46.838	6.3	102	0.00
5	P	Vinyl Chloride	50.000	46.049	7.9	100	0.00
6	P	Bromomethane	50.000	58.744	-17.5	118	0.00
7	P	Chloroethane	50.000	48.692	2.6	100	0.00
8		Freon 21	50.000	46.258	7.5	100	0.00
9	P	Trichlorofluoromethane	50.000	46.790	6.4	99	0.00
10		Diethyl Ether	50.000	47.148	5.7	103	0.00
11		Freon 123a	50.000	45.665	8.7	101	0.00
12		Freon 123	50.000	47.034	5.9	100	0.00
13		Acrolein	250.000	189.503	24.2#	75	0.00
14		1,1-Diclethene	50.000	45.874	8.3	99	0.00
15	P	Freon 113	50.000	45.183	9.6	99	0.00
16	P	Acetone	50.000	39.292	21.4#	81	0.00
17		2-Propanol	1000.000	766.651	23.3#	80	0.00
18		Iodomethane	50.000	50.877	-1.8	102	0.00
19	P	Carbon Disulfide	50.000	51.523	-3.0	106	0.00
20		Acetonitrile/Allyl Chloride	300.000	280.331	6.6	101	0.00
21	P	Methyl Acetate	50.000	40.771	18.5	86	0.00
22	P	Methylene Chloride	50.000	48.268	3.5	101	0.00
23		TBA	1000.000	761.544	23.8#	79	0.00
24		Acrylonitrile	250.000	215.717	13.7	91	0.00
25	P	Methyl-t-Butyl Ether	50.000	47.839	4.3	103	0.00
26	P	trans-1,2-Dichloroethene	50.000	46.567	6.9	100	0.00
27	P	1,1-Diclethane	50.000	47.140	5.7	101	0.00
28		Vinyl Acetate	50.000	56.413	-12.8	120	0.00
29		DIPE	50.000	48.760	2.5	107	0.00
30		2-Chloro-1,3-Butadiene	50.000	48.767	2.5	103	0.00
31		ETBE	50.000	49.481	1.0	107	0.00
32		2,2-Dichloropropane	50.000	54.568	-9.1	107	0.00
33	P	cis-1,2-Dichloroethene	50.000	46.494	7.0	101	0.00
34	P	2-Butanone	50.000	39.564	20.9#	82	0.00
35		Propionitrile	250.000	205.587	17.8	87	0.00
36		Bromochloromethane	50.000	47.320	5.4	102	0.00
37		Methacrylonitrile	50.000	44.723	10.6	94	0.00
38		Tetrahydrofuran	50.000	40.198	19.6	86	0.00
39	P	Chloroform	50.000	45.685	8.6	101	0.00
40	P	1,1,1-Trichloroethane	50.000	46.658	6.7	98	0.00
41		TAME	50.000	49.257	1.5	106	0.00
42	i	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
43	P	Cyclohexane	50.000	45.585	8.8	103	0.00
44	s	surr4,Dibrflmethane	50.000	52.263	-4.5	106	0.00
45	P	Carbontetrachloride	50.000	45.123	9.8	98	0.00
46		1,1-Dichloropropene	50.000	44.993	10.0	100	0.00
47	s	surr1,1,2-dichloroethane-d4	50.000	51.005	-2.0	103	0.00
48	P	Benzene	50.000	46.027	7.9	100	0.00
49	P	1,2-Dichloroethane	50.000	46.808	6.4	102	0.00
50		Iso-Butyl Alcohol	1000.000	828.845	17.1	81	0.00
51		n-Heptane	50.000	45.721	8.6	103	0.00

1st 08/01/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4598.D
Acq On : 01 Aug 2024 11:01 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:52:39 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
52		1-Butanol	2500.000	2086.506	16.5	79	0.00
53	P	Trichloroethene	50.000	44.852	10.3	95	0.00
54	P	Methylcyclohexane	50.000	47.589	4.8	102	0.00
55	P	1,2-Diclpropane	50.000	47.115	5.8	101	0.00
56		Dibromomethane	50.000	47.595	4.8	100	0.00
57		1,4-Dioxane	1000.000	822.689	17.7	86	0.00
58		Methyl Methacrylate	50.000	45.990	8.0	96	0.00
59	P	Bromodichloromethane	50.000	49.906	0.2	103	0.00
60		2-Nitropropane	100.000	95.016	5.0	91	0.00
61		2-Chloroethylvinyl Ether	50.000	42.543	14.9	89	0.00
62	P	cis-1,3-Dichloropropene	50.000	51.926	-3.9	105	0.00
63	P	4-Methyl-2-pentanone	50.000	42.171	15.7	86	0.00
64	s	SURR3,Toluene-d8	50.000	51.312	-2.6	105	0.00
65	P	Toluene	50.000	44.757	10.5	98	0.00
66	P	trans-1,3-Dichloropropene	50.000	52.062	-4.1	105	0.00
67		Ethyl Methacrylate	50.000	48.357	3.3	99	0.00
68	P	1,1,2-Trichloroethane	50.000	48.052	3.9	102	0.00
69	s	SURR2,BFB	50.000	50.563	-1.1	102	0.00
70	i	d5-Chlorobenzene	50.000	50.000	0.0	105	0.00
71	P	Tetrachloroethene	50.000	44.685	10.6	99	0.00
72	P	2-Hexanone	50.000	41.106	17.8	85	0.00
73		1,3-Dichloropropane	50.000	46.185	7.6	101	0.00
74	P	Dibromochloromethane	50.000	51.595	-3.2	103	0.00
75		N-Butyl Acetate	50.000	44.175	11.7	91	0.00
76	P	1,2-Dibromoethane	50.000	47.456	5.1	101	0.00
77		3-Chlorobenzotrifluoride	50.000	49.919	0.2	114	0.00
78	P	Chlorobenzene	50.000	43.841	12.3	99	0.00
79		4-Chlorobenzotrifluoride	50.000	49.023	2.0	113	0.00
80		1,1,1,2-Tetrachloroethane	50.000	48.774	2.5	102	0.00
81	P	Ethylbenzene	50.000	44.501	11.0	97	0.00
82	P	(m+p)Xylene	100.000	91.178	8.8	98	0.00
83	P	o-Xylene	50.000	45.332	9.3	97	0.00
84	P	Styrene	50.000	48.340	3.3	101	0.00
85	P	Bromoform	50.000	51.967	-3.9	102	0.00
86		2-Chlorobenzotrifluoride	50.000	48.713	2.6	112	0.00
87	P	Isopropylbenzene	50.000	45.422	9.2	96	0.00
88		Cyclohexanone	1000.000	741.411	25.9#	73	0.00
89		trans-1,4-Dichloro-2-Butene	50.000	47.490	5.0	98	0.00
90	i	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
91	P	1,1,2,2-Tetrachloroethane	50.000	44.294	11.4	101	0.00
92		Bromobenzene	50.000	43.496	13.0	100	0.00
93		1,2,3-Trichloropropane	50.000	42.171	15.7	94	0.00
94		n-Propylbenzene	50.000	43.329	13.3	97	0.00
95		2-Chlorotoluene	50.000	42.713	14.6	98	0.00
96		3-Chlorotoluene	50.000	45.309	9.4	106	0.00
97		4-Chlorotoluene	50.000	44.579	10.8	102	0.00
98		1,3,5-Trimethylbenzene	50.000	44.127	11.7	97	0.00
99		tert-Butylbenzene	50.000	42.400	15.2	95	0.00
100		1,2,4-Trimethylbenzene	50.000	43.979	12.0	98	0.00
101		3,4-Dichlorobenzotrifluorid	50.000	47.356	5.3	111	0.00

Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4598.D
Acq On : 01 Aug 2024 11:01 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:52:39 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
102		sec-Butylbenzene	50.000	42.965	14.1	96	0.00
103		p-Isopropyltoluene	50.000	44.424	11.2	96	0.00
104	P	1,3-Dclbenz	50.000	44.380	11.2	100	0.00
105	P	1,4-Dclbenz	50.000	45.006	10.0	101	0.00
106		2,4-Dichlorobenzotrifluorid	50.000	49.250	1.5	114	0.00
107		2,5-Dichlorobenzotrifluorid	50.000	48.891	2.2	113	0.00
108		n-Butylbenzene	50.000	44.621	10.8	97	0.00
109	P	1,2-Dclbenz	50.000	44.553	10.9	100	0.00
110	P	1,2-Dibromo-3-chloropropane	50.000	44.961	10.1	89	0.00
111		Trielution Dichlorotoluene	150.000	143.115	4.6	107	0.00
112		1,3,5-Trichlorobenzene	50.000	48.098	3.8	109	0.00
113		Coelution Dichlorotoluene	100.000	97.034	3.0	108	0.00
114	P	1,2,4-Tcbenzene	50.000	46.124	7.8	100	0.00
115		Hexachlorobt	50.000	43.623	12.8	98	0.00
116		Naphthalen	50.000	45.169	9.7	94	0.00
117		1,2,3-Tclbenzene	50.000	45.777	8.4	100	0.00
118		2,4,5-Trichlorotoluene	50.000	49.198	1.6	108	0.00
119		2,3,6-Trichlorotoluene	50.000	50.869	-1.7	108	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4598.D
Acq On : 01 Aug 2024 11:01 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:52:39 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.989	168	381340	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.172	114	643627	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	586926	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	290839	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	209832	52.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 104.52%			
47) surr1,1,2-dichloroetha...	5.422	65	279893	51.00	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 102.00%			
64) SURR3,Toluene-d8	8.049	98	755998	51.31	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 102.62%			
69) SURR2,BFB	10.665	95	292903	50.56	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 101.12%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.081	51	241077	46.455	ug/L	99
3) Dichlorodifluoromethane	1.075	85	243901	49.712	ug/L	98
4) Chloromethane	1.203	50	246459	46.838	ug/L	98
5) Vinyl Chloride	1.264	62	244553	46.049	ug/L	96
6) Bromomethane	1.465	94	115216	58.744	ug/L	96
7) Chloroethane	1.538	64	163201	48.692	ug/L	100
8) Freon 21	1.678	67	321986	46.258	ug/L	100
9) Trichlorofluoromethane	1.715	101	268598	46.790	ug/L	99
10) Diethyl Ether	1.934	59	194813	47.148	ug/L	99
11) Freon 123a	1.941	67	176860	45.665	ug/L	96
12) Freon 123	1.989	83	222252	47.034	ug/L	99
13) Acrolein	2.026	56	115401	189.503	ug/L	98
14) 1,1-Diclethene	2.105	96	148281	45.874	ug/L	99
15) Freon 113	2.111	101	152326	45.183	ug/L	94
16) Acetone	2.154	43	119930	39.292	ug/L	98
17) 2-Propanol	2.276	45	461487	766.651	ug/L	97
18) Iodomethane	2.227	142	256440	50.877	ug/L	96
19) Carbon Disulfide	2.276	76	410026	51.523	ug/L	99
20) Acetonitrile/Allyl Chl...	2.404	41	450237	280.331	ug/L	96
21) Methyl Acetate	2.434	43	217151	40.771	ug/L	98
22) Methylene Chloride	2.520	84	171997	48.268	ug/L	97
23) TBA	2.648	59	849668	761.544	ug/L	100
24) Acrylonitrile	2.757	53	601033	215.717	ug/L	99
25) Methyl-t-Butyl Ether	2.800	73	593207	47.839	ug/L	96
26) trans-1,2-Dichloroethene	2.788	96	165118	46.567	ug/L	96
27) 1,1-Diclethane	3.245	63	344691	47.140	ug/L	100
28) Vinyl Acetate	3.337	86	39376	56.413	ug/L #	68
29) DIPE	3.361	45	634472	48.760	ug/L	100
30) 2-Chloro-1,3-Butadiene	3.355	53	361716	48.767	ug/L	97
31) ETBE	3.843	59	679499	49.481	ug/L	100
32) 2,2-Dichloropropane	4.007	77	262320	54.568	ug/L	98
33) cis-1,2-Dichloroethene	4.013	96	191789	46.494	ug/L	98
34) 2-Butanone	4.074	43	144096	39.564	ug/L	99
35) Propionitrile	4.154	54	255808	205.587	ug/L	98
36) Bromochloromethane	4.379	130	128613	47.320	ug/L	98
37) Methacrylonitrile	4.397	67	104228	44.723	ug/L	96
38) Tetrahydrofuran	4.477	42	93380	40.198	ug/L	87
39) Chloroform	4.550	83	310525	45.685	ug/L	97
40) 1,1,1-Trichloroethane	4.830	97	278291	46.658	ug/L	99

1st 08/01/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4598.D
Acq On : 01 Aug 2024 11:01 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:52:39 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) TAME	5.763	73	521922	49.257	ug/L	97
43) Cyclohexane	4.910	41	172743	45.585	ug/L	97
45) Carbontetrachloride	5.129	117	241877	45.123	ug/L	97
46) 1,1-Dichloropropene	5.147	75	212657	44.993	ug/L	99
48) Benzene	5.495	78	633596	46.027	ug/L	100
49) 1,2-Dichloroethane	5.550	62	321252	46.808	ug/L	99
50) Iso-Butyl Alcohol	5.562	43	277512	828.845	ug/L	97
51) n-Heptane	6.025	43	235739	45.721	ug/L	98
52) 1-Butanol	6.586	56	494488	2086.506	ug/L	96
53) Trichloroethene	6.507	130	183075	44.852	ug/L	98
54) Methylcyclohexane	6.745	55	276364	47.589	ug/L	99
55) 1,2-Diclpropane	6.806	63	196341	47.115	ug/L	99
56) Dibromomethane	6.952	93	124380	47.595	ug/L	94
57) 1,4-Dioxane	7.031	88	73433	822.689	ug/L	96
58) Methyl Methacrylate	7.056	69	160138	45.990	ug/L	98
59) Bromodichloromethane	7.196	83	245006	49.906	ug/L	99
60) 2-Nitropropane	7.494	41	166717	95.016	ug/L	98
61) 2-Chloroethylvinyl Ether	7.622	63	57262	42.543	ug/L	94
62) cis-1,3-Dichloropropene	7.750	75	290336	51.926	ug/L	98
63) 4-Methyl-2-pentanone	7.976	43	275290	42.171	ug/L	100
65) Toluene	8.122	91	699449	44.757	ug/L	99
66) trans-1,3-Dichloropropene	8.409	75	279574	52.062	ug/L	99
67) Ethyl Methacrylate	8.561	69	287567	48.357	ug/L	98
68) 1,1,2-Trichloroethane	8.598	97	180963	48.052	ug/L	96
71) Tetrachloroethene	8.726	164	129328	44.685	ug/L	98
72) 2-Hexanone	8.909	43	212647	41.106	ug/L	99
73) 1,3-Dichloropropane	8.775	76	292451	46.185	ug/L	97
74) Dibromochloromethane	9.000	129	206447	51.595	ug/L	99
75) N-Butyl Acetate	9.073	43	438204	44.175	ug/L	98
76) 1,2-Dibromoethane	9.092	107	198853	47.456	ug/L	99
77) 3-Chlorobenzotrifluoride	9.634	180	238063	49.919	ug/L	98
78) Chlorobenzene	9.598	112	482162	43.841	ug/L	98
79) 4-Chlorobenzotrifluoride	9.689	180	214326	49.023	ug/L	99
80) 1,1,1,2-Tetrachloroethane	9.689	131	193274	48.774	ug/L	98
81) Ethylbenzene	9.726	106	246083	44.501	ug/L	96
82) (m+p)Xylene	9.842	106	620665	91.178	ug/L	100
83) o-Xylene	10.201	106	307345	45.332	ug/L	96
84) Styrene	10.213	104	551296	48.340	ug/L	97
85) Bromoform	10.366	173	124419	51.967	ug/L	100
86) 2-Chlorobenzotrifluoride	10.457	180	235386	48.713	ug/L	98
87) Isopropylbenzene	10.543	105	789524	45.422	ug/L	99
88) Cyclohexanone	10.610	55	952061	741.411	ug/L	100
89) trans-1,4-Dichloro-2-B...	10.860	53	116486	47.490	ug/L	98
91) 1,1,2,2-Tetrachloroethane	10.811	83	269620	44.294	ug/L	98
92) Bromobenzene	10.780	156	201798	43.496	ug/L	97
93) 1,2,3-Trichloropropane	10.835	110	93083	42.171	ug/L	97
94) n-Propylbenzene	10.896	91	913174	43.329	ug/L	98
95) 2-Chlorotoluene	10.957	91	566125	42.713	ug/L	100
96) 3-Chlorotoluene	11.012	91	607573	45.309	ug/L	99
97) 4-Chlorotoluene	11.055	91	679618	44.579	ug/L	98
98) 1,3,5-Trimethylbenzene	11.055	105	704336	44.127	ug/L	99
99) tert-Butylbenzene	11.323	119	577610	42.400	ug/L	100
100) 1,2,4-Trimethylbenzene	11.366	105	711653	43.979	ug/L	100
101) 3,4-Dichlorobenzotrifl...	11.433	214	166404	47.356	ug/L	96
102) sec-Butylbenzene	11.506	105	819541	42.965	ug/L	98
103) p-Isopropyltoluene	11.634	119	745213	44.424	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4598.D
Acq On : 01 Aug 2024 11:01 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:52:39 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

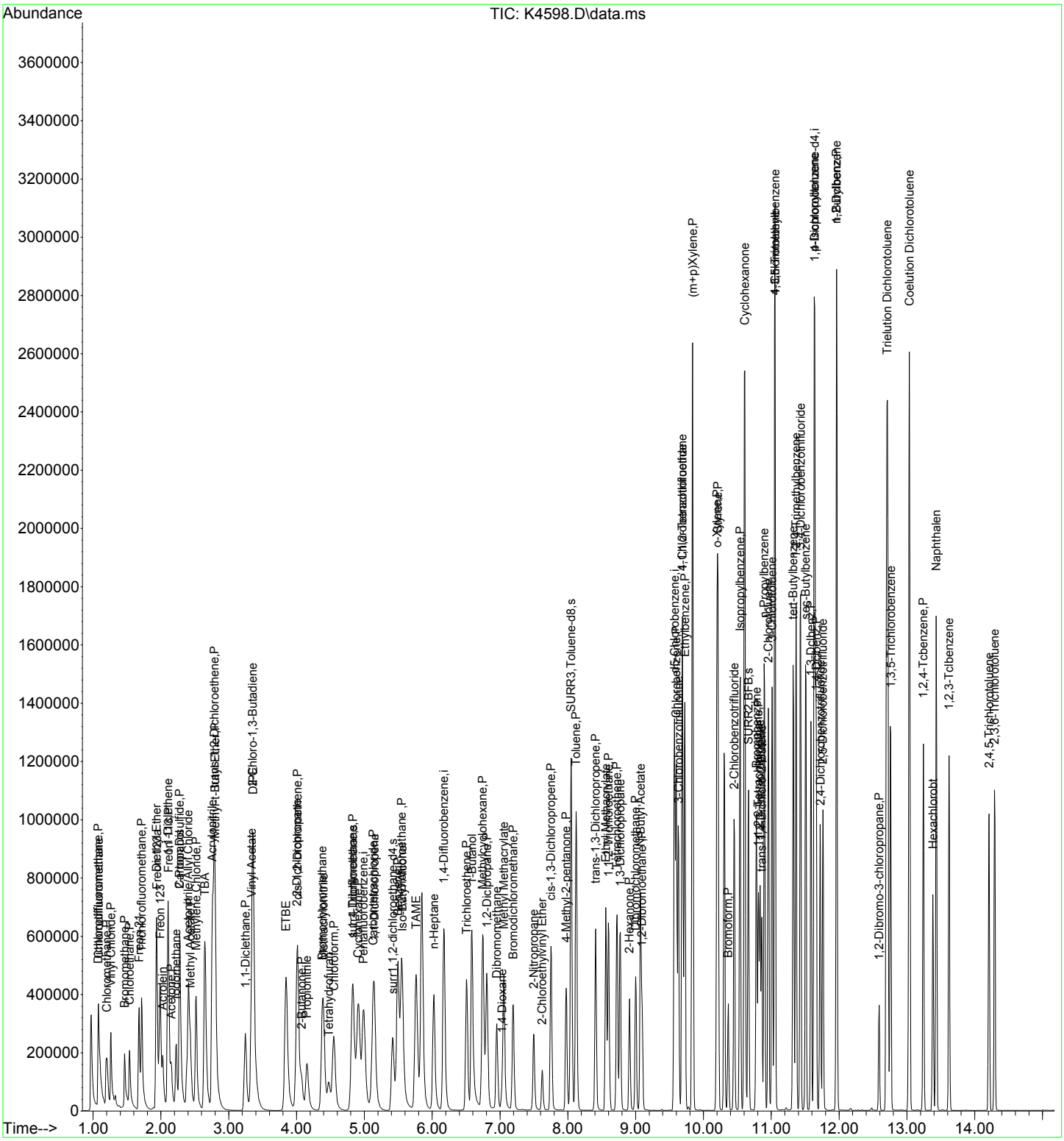
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	394346	44.380	ug/L	98
105) 1,4-Dclbenz	11.664	146	403779	45.006	ug/L	99
106) 2,4-Dichlorobenzotrifl...	11.725	214	152392	49.250	ug/L	97
107) 2,5-Dichlorobenzotrifl...	11.762	214	168633	48.891	ug/L	94
108) n-Butylbenzene	11.963	91	651841	44.621	ug/L	99
109) 1,2-Dclbenz	11.963	146	390868	44.553	ug/L	97
110) 1,2-Dibromo-3-chloropr...	12.591	157	68738	44.961	ug/L	97
111) Trielution Dichlorotol...	12.713	125	1183431	143.115	ug/L	99
112) 1,3,5-Trichlorobenzene	12.762	180	275719	48.098	ug/L	97
113) Coelution Dichlorotoluene	13.036	125	863079	97.034	ug/L	98
114) 1,2,4-Tcbenzene	13.243	180	256370	46.124	ug/L	97
115) Hexachlorobt	13.384	225	89256	43.623	ug/L	97
116) Naphthalen	13.432	128	949423	45.169	ug/L	99
117) 1,2,3-Tclbenzene	13.621	180	250744	45.777	ug/L	96
118) 2,4,5-Trichlorotoluene	14.213	159	214669	49.198	ug/L	98
119) 2,3,6-Trichlorotoluene	14.292	159	205355	50.869	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/01/24
2nd 08/05/24

Data Path : I:\ACQUDATA\MSVOA17\Data\080124\
Data File : K4598.D
Acq On : 01 Aug 2024 11:01 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:52:39 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4593.D
Acq On : 31 Jul 2024 08:29 pm
Operator : K.Ruest
Sample : ICV-50
Misc : 8260/624 ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 01 10:44:11 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	362354	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.171	114	618390	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	555839	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	266115	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	199461	51.71	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 103.42%				
47) surr1,1,2-dichloroetha...	5.422	65	269682	51.15	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 102.30%				
64) SURR3,Toluene-d8	8.049	98	723878	51.14	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 102.28%				
69) SURR2,BFB	10.665	95	281328	50.55	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 101.10%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	254361	51.583	ug/L		98
3) Dichlorodifluoromethane	1.075	85	285838	61.312	ug/L		98
4) Chloromethane	1.209	50	262945	52.589	ug/L		97
5) Vinyl Chloride	1.264	62	247743	49.094	ug/L		99
6) Bromomethane	1.465	94	104673	55.772	ug/L		96
7) Chloroethane	1.532	64	129098	40.535	ug/L		99
8) Freon 21	1.672	67	295095	44.616	ug/L		100
9) Trichlorofluoromethane	1.715	101	283974	52.060	ug/L		99
10) Diethyl Ether	1.934	59	194171	49.455	ug/L		98
11) Freon 123a	1.934	67	187325	50.901	ug/L		100
12) Freon 123	1.989	83	268412	59.779	ug/L		99
13) Acrolein	2.032	56	53464	92.395	ug/L		97
14) 1,1-Diclethene	2.105	96	162977	53.062	ug/L		99
15) Freon 113	2.111	101	157153	49.057	ug/L		95
16) Acetone	2.154	43	133005	45.859	ug/L		98
17) 2-Propanol	2.282	45	586680	1025.696	ug/L		97
18) Iodomethane	2.221	142	238437	49.783	ug/L		97
19) Carbon Disulfide	2.276	76	419099	55.423	ug/L		100
20) Acetonitrile/Allyl Chl...	2.404	41	497661	326.094	ug/L		99
21) Methyl Acetate	2.434	43	253668	50.122	ug/L		99
22) Methylene Chloride	2.520	84	181666	53.717	ug/L		99
23) TBA	2.654	59	1123403	1059.646	ug/L		98
24) Acrylonitrile	2.757	53	652380	246.414	ug/L		100
25) Methyl-t-Butyl Ether	2.800	73	600094	50.930	ug/L		97
26) trans-1,2-Dichloroethene	2.782	96	170955	50.740	ug/L		97
27) 1,1-Diclethane	3.245	63	362881	52.228	ug/L		97
28) Vinyl Acetate	3.337	86	30619	47.230	ug/L	#	60
29) DIPE	3.361	45	634841	51.345	ug/L		96
30) 2-Chloro-1,3-Butadiene	3.355	53	335772	47.641	ug/L		94
31) ETBE	3.849	59	698640	53.541	ug/L		100
32) 2,2-Dichloropropane	4.007	77	264057	57.808	ug/L		99
33) cis-1,2-Dichloroethene	4.019	96	198707	50.695	ug/L		98
34) 2-Butanone	4.074	43	175855	50.813	ug/L		99
35) Propionitrile	4.160	54	294216	248.843	ug/L		99
36) Bromochloromethane	4.385	130	133617	51.737	ug/L		99
37) Methacrylonitrile	4.397	67	112229	50.679	ug/L		97
38) Tetrahydrofuran	4.477	42	105841	47.949	ug/L		93
39) Chloroform	4.550	83	319609	49.485	ug/L		98
40) 1,1,1-Trichloroethane	4.830	97	300338	52.993	ug/L		98

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4593.D
Acq On : 31 Jul 2024 08:29 pm
Operator : K.Ruest
Sample : ICV-50
Misc : 8260/624 ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 01 10:44:11 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) TAME	5.763	73	546637	54.292 ug/L	98
43) Cyclohexane	4.916	41	172497	47.378 ug/L	97
45) Carbontetrachloride	5.129	117	260262	50.534 ug/L	96
46) 1,1-Dichloropropene	5.147	75	217246	47.839 ug/L	99
48) Benzene	5.495	78	669832	50.645 ug/L	99
49) 1,2-Dichloroethane	5.550	62	319840	48.504 ug/L	98
50) Iso-Butyl Alcohol	5.562	43	348955	1084.758 ug/L	98
51) n-Heptane	6.025	43	242570	48.966 ug/L	98
52) 1-Butanol	6.586	56	629944	2704.955 ug/L	99
53) Trichloroethene	6.513	130	199092	50.767 ug/L	97
54) Methylcyclohexane	6.751	55	273967	49.102 ug/L	97
55) 1,2-Diclpropane	6.805	63	184272	46.024 ug/L	99
56) Dibromomethane	6.952	93	128089	51.014 ug/L	98
57) 1,4-Dioxane	7.031	88	86322	1006.556 ug/L	97
58) Methyl Methacrylate	7.062	69	174921	52.286 ug/L	100
59) Bromodichloromethane	7.196	83	247455	52.461 ug/L	100
60) 2-Nitropropane	7.500	41	181763	107.818 ug/L	98
61) 2-Chloroethylvinyl Ether	7.628	63	3107	2.403 ug/L	97
62) cis-1,3-Dichloropropene	7.757	75	297301	55.341 ug/L	99
63) 4-Methyl-2-pentanone	7.976	43	332271	52.976 ug/L	100
65) Toluene	8.122	91	744408	49.578 ug/L	99
66) trans-1,3-Dichloropropene	8.409	75	290050	56.217 ug/L	99
67) Ethyl Methacrylate	8.561	69	297155	52.009 ug/L	99
68) 1,1,2-Trichloroethane	8.604	97	184216	50.913 ug/L	99
71) Tetrachloroethene	8.726	164	139114	50.755 ug/L	98
72) 2-Hexanone	8.909	43	255071	52.064 ug/L	100
73) 1,3-Dichloropropane	8.775	76	295018	49.196 ug/L	97
74) Dibromochloromethane	9.000	129	209157	55.196 ug/L	98
75) N-Butyl Acetate	9.073	43	469831	50.013 ug/L	99
76) 1,2-Dibromoethane	9.098	107	204165	51.448 ug/L	99
77) 3-Chlorobenzotrifluoride	9.634	180	230024	50.931 ug/L	98
78) Chlorobenzene	9.598	112	495589	47.582 ug/L	97
79) 4-Chlorobenzotrifluoride	9.689	180	209501	50.600 ug/L	99
80) 1,1,1,2-Tetrachloroethane	9.695	131	200970	53.552 ug/L	99
81) Ethylbenzene	9.726	106	265026	50.607 ug/L	99
82) (m+p)Xylene	9.842	106	660474	102.452 ug/L	98
83) o-Xylene	10.201	106	328069	51.096 ug/L	96
84) Styrene	10.213	104	565193	52.330 ug/L	97
85) Bromoform	10.366	173	136588	59.449 ug/L	98
86) 2-Chlorobenzotrifluoride	10.457	180	226120	49.412 ug/L	99
87) Isopropylbenzene	10.543	105	831180	50.493 ug/L	99
88) Cyclohexanone	10.610	55	1329518	1093.259 ug/L	99
89) trans-1,4-Dichloro-2-B...	10.860	53	107448	46.256 ug/L	99
91) 1,1,2,2-Tetrachloroethane	10.811	83	278726	50.044 ug/L	99
92) Bromobenzene	10.780	156	208064	49.013 ug/L	100
93) 1,2,3-Trichloropropane	10.835	110	101294	50.155 ug/L	99
94) n-Propylbenzene	10.902	91	969181	50.259 ug/L	100
95) 2-Chlorotoluene	10.957	91	585360	48.268 ug/L	100
96) 3-Chlorotoluene	11.012	91	621740	50.673 ug/L	99
97) 4-Chlorotoluene	11.055	91	690622	49.510 ug/L	100
98) 1,3,5-Trimethylbenzene	11.055	105	736097	50.401 ug/L	99
99) tert-Butylbenzene	11.329	119	644729	51.724 ug/L	100
100) 1,2,4-Trimethylbenzene	11.366	105	742271	50.132 ug/L	100
101) 3,4-Dichlorobenzotrifl...	11.433	214	157590	49.014 ug/L	96
102) sec-Butylbenzene	11.512	105	897917	51.447 ug/L	100
103) p-Isopropyltoluene	11.634	119	806265	52.529 ug/L	99

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4593.D
Acq On : 31 Jul 2024 08:29 pm
Operator : K.Ruest
Sample : ICV-50
Misc : 8260/624 ICAL
ALS Vial : 13 Sample Multiplier: 1

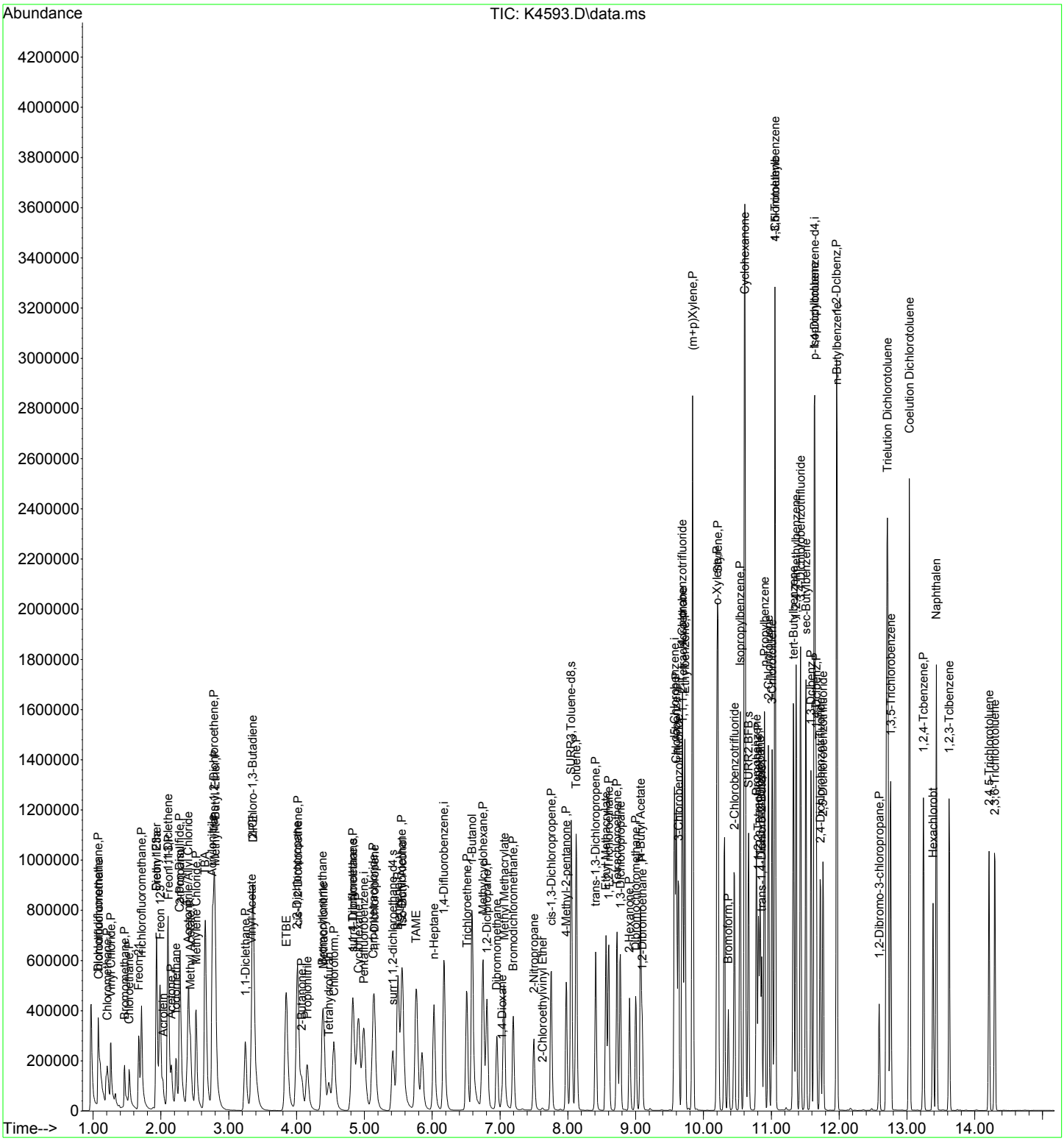
Quant Time: Aug 01 10:44:11 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	409521	50.370	ug/L	100
105) 1,4-Dclbenz	11.664	146	417703	50.883	ug/L	99
106) 2,4-Dichlorobenzotrifl...	11.725	214	144713	51.113	ug/L	95
107) 2,5-Dichlorobenzotrifl...	11.762	214	160965	51.004	ug/L	96
108) n-Butylbenzene	11.969	91	713353	53.368	ug/L	99
109) 1,2-Dclbenz	11.963	146	403148	50.223	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.591	157	78852	55.614	ug/L	98
111) Trielution Dichlorotol...	12.713	125	1159279	153.219	ug/L	99
112) 1,3,5-Trichlorobenzene	12.762	180	265440	50.607	ug/L	98
113) Coelution Dichlorotoluene	13.036	125	845684	103.912	ug/L	98
114) 1,2,4-Tcbenzene	13.243	180	265667	52.238	ug/L	96
115) Hexachlorobt	13.384	225	97692	52.182	ug/L	98
116) Naphthalen	13.432	128	1014112	52.729	ug/L	100
117) 1,2,3-Tclbenzene	13.621	180	259743	51.825	ug/L	97
118) 2,4,5-Trichlorotoluene	14.213	159	207742	52.034	ug/L	98
119) 2,3,6-Trichlorotoluene	14.298	159	196191	53.114	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4593.D
Acq On : 31 Jul 2024 08:29 pm
Operator : K.Ruest
Sample : ICV-50
Misc : 8260/624 ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 01 10:44:11 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

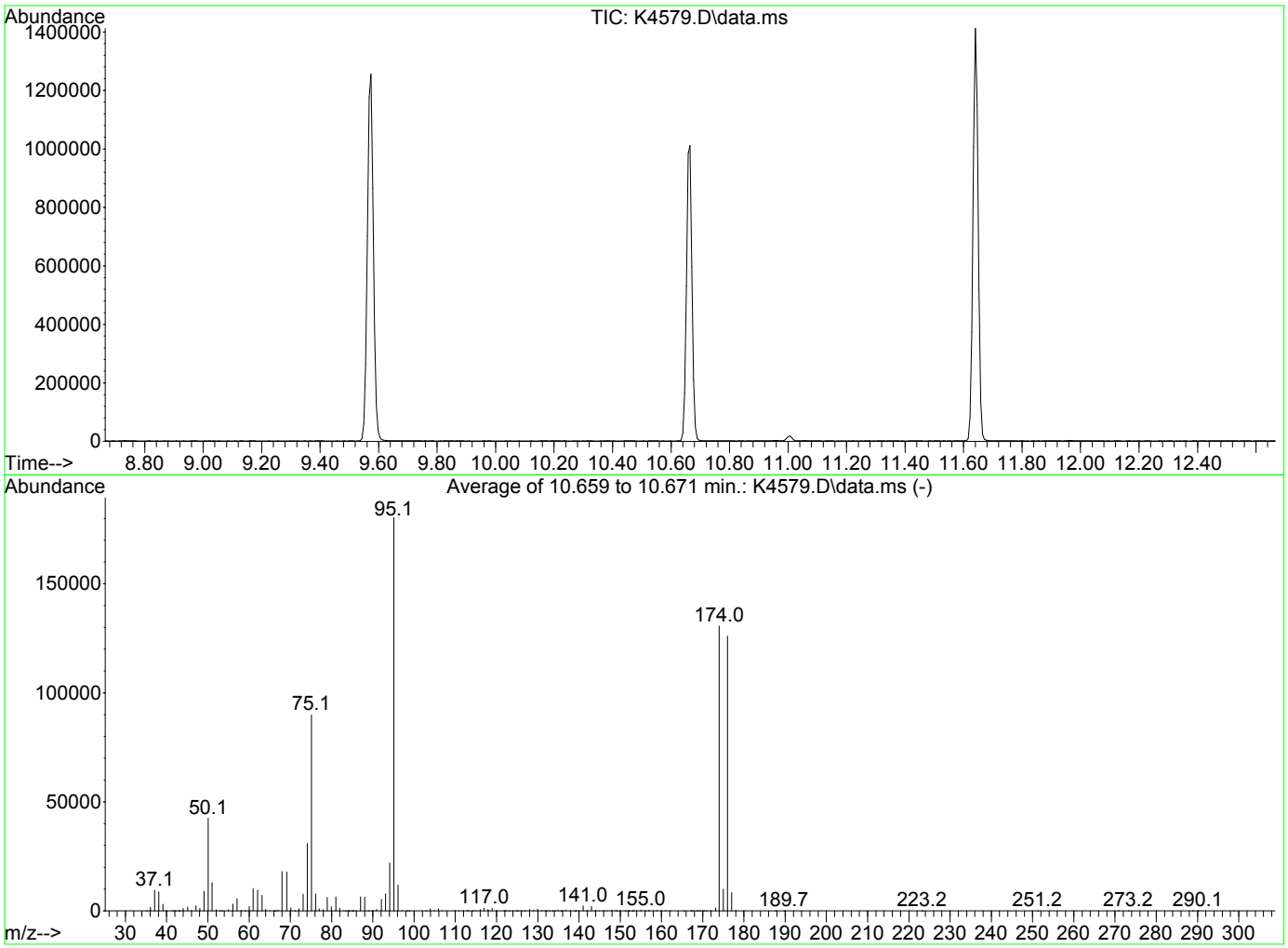


1st 07/31/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4579.D
Acq On : 31 Jul 2024 02:43 pm
Operator : K.Ruest
Sample : TUNE
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: CPD4.P

Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Title : MS#17 - 8260 WATERS 5mL Purge
Last Update : Wed Jul 03 10:03:49 2024



AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1604

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.5	42427	PASS
75	95	30	80	49.8	89888	PASS
95	95	100	100	100.0	180352	PASS
96	95	5	9	6.6	11833	PASS
173	174	0.00	2	1.0	1345	PASS
174	95	50	120	72.4	130624	PASS
175	174	5	9	7.6	9934	PASS
176	174	95	101	96.4	125981	PASS
177	176	5	9	6.6	8308	PASS

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4580.D
Acq On : 31 Jul 2024 03:07 pm
Operator : K.Ruest
Sample : IBLK
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:42:49 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration

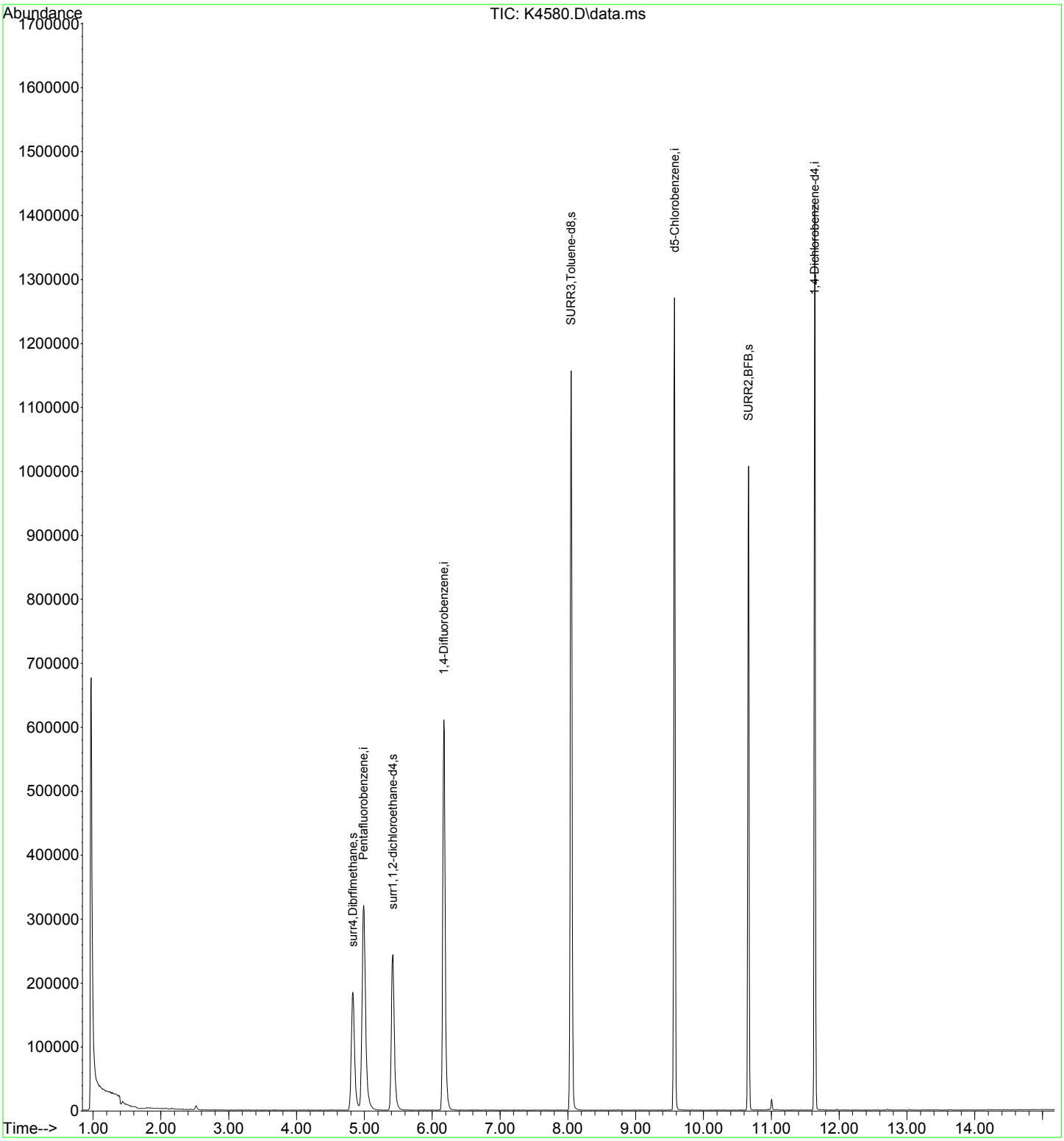
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.989	168	364983	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.171	114	621162	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	554612	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	251321	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	195407	50.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 100.86%			
47) surr1,1,2-dichloroetha...	5.422	65	277742	52.44	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 104.88%			
64) SURR3,Toluene-d8	8.049	98	721692	50.76	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 101.52%			
69) SURR2,BFB	10.665	95	268211	47.97	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 95.94%			
Target Compounds						Qvalue
22) Methylene Chloride	2.520	84	2872	Below Cal	#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

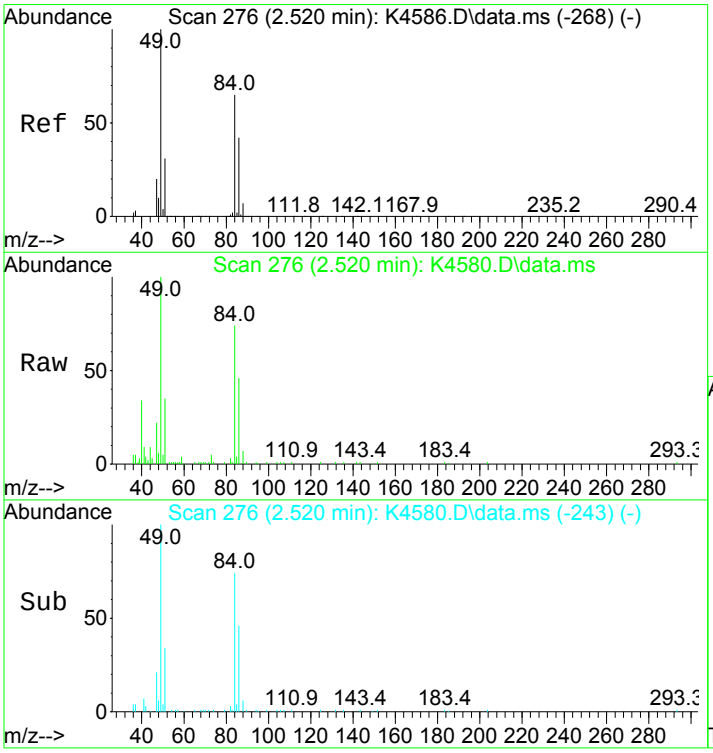
Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4580.D
Acq On : 31 Jul 2024 03:07 pm
Operator : K.Ruest
Sample : IBLK
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 11:42:49 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Aug 01 10:04:01 2024
Response via : Initial Calibration



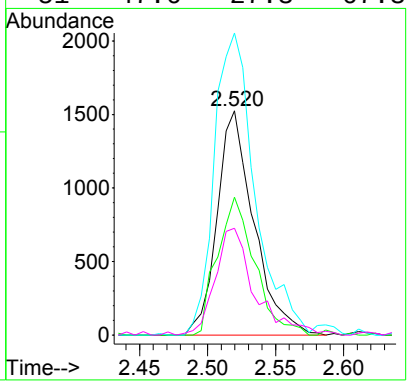
1st 08/01/24
2nd 08/01/24



#22
Methylene Chloride
Concen: Below Cal
RT: 2.520 min Scan# 276
Delta R.T. 0.001 min
Lab File: K4580.D
Acq: 31 Jul 2024 03:07 pm

Tgt Ion: 84 Resp: 2872

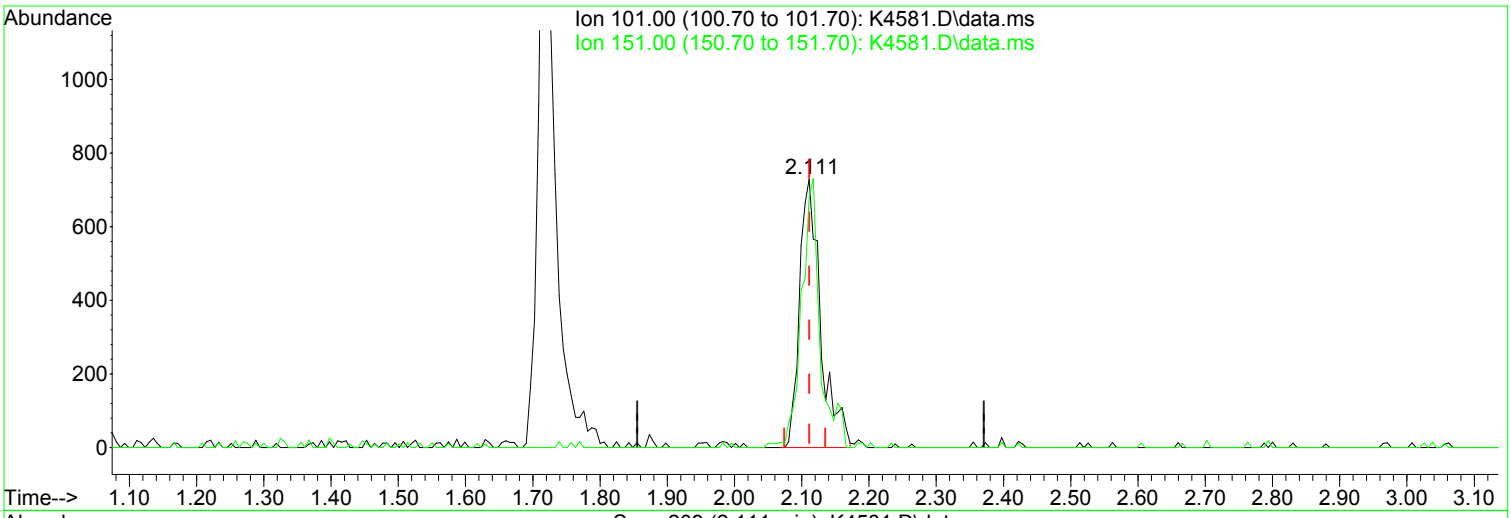
Ion	Ratio	Lower	Upper
84	100		
86	61.4	44.7	84.7
49	134.6	134.9	174.9#
51	47.6	27.3	67.3

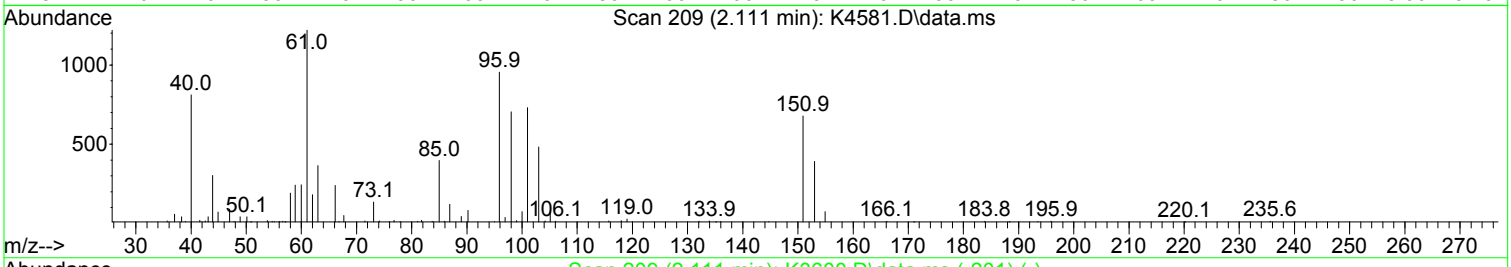


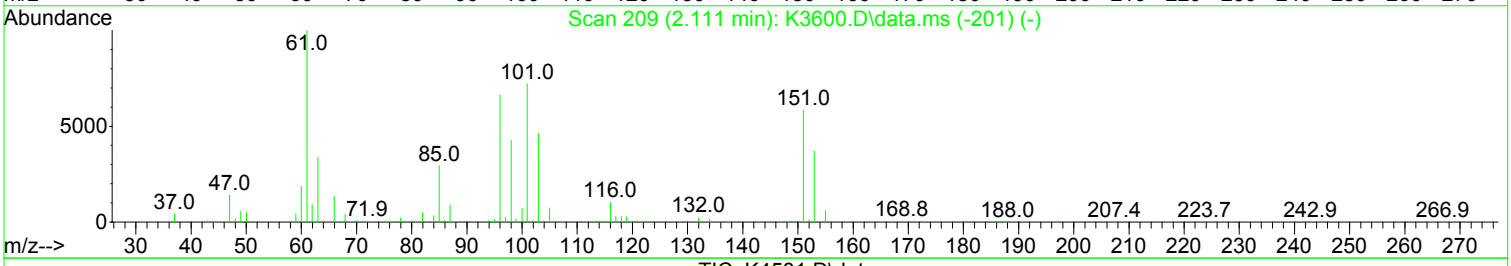
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 0.50 ug/L m

response 1594

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	80.80	93.01
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

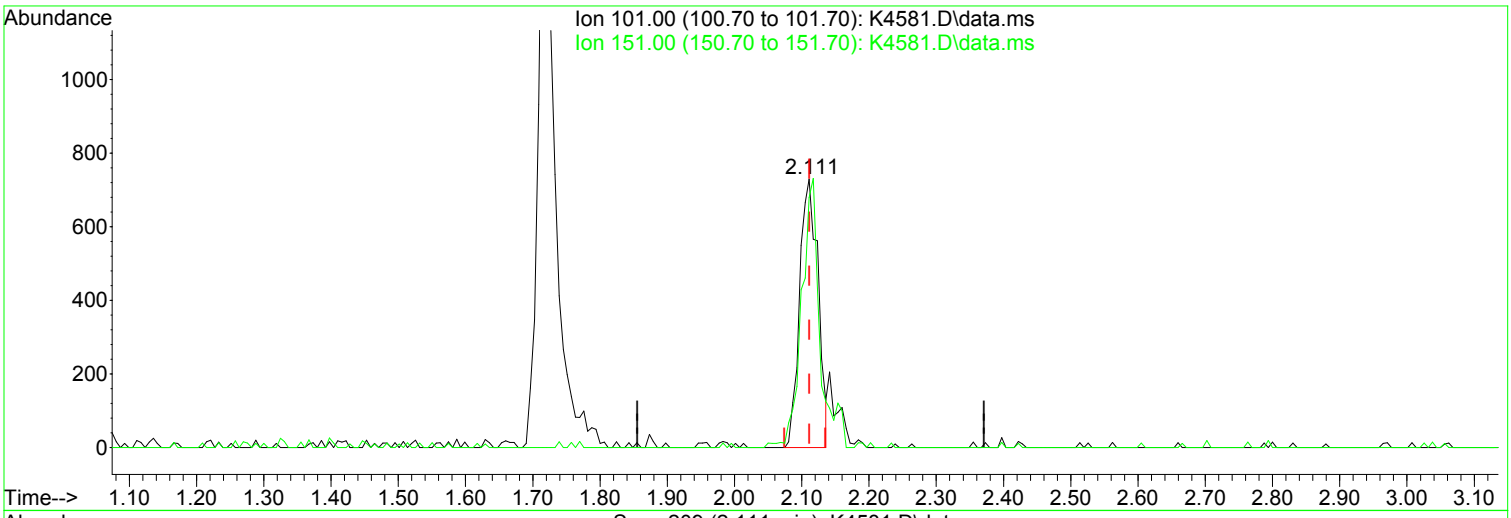
Split Peak.

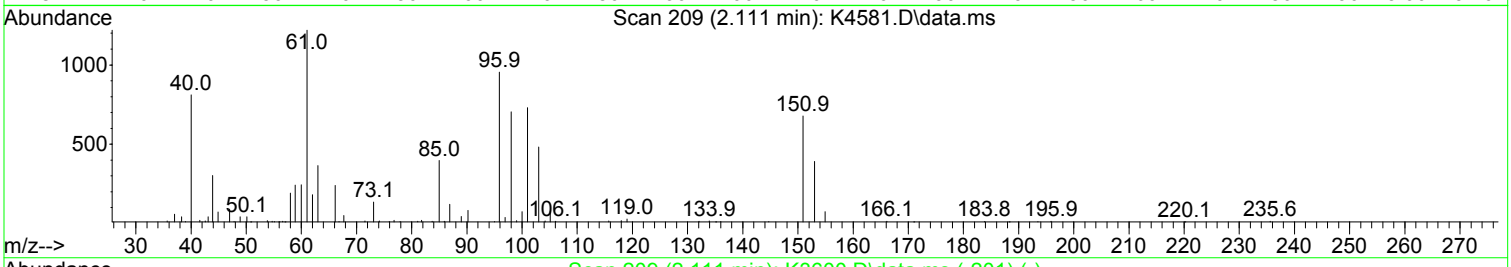
07/31/24

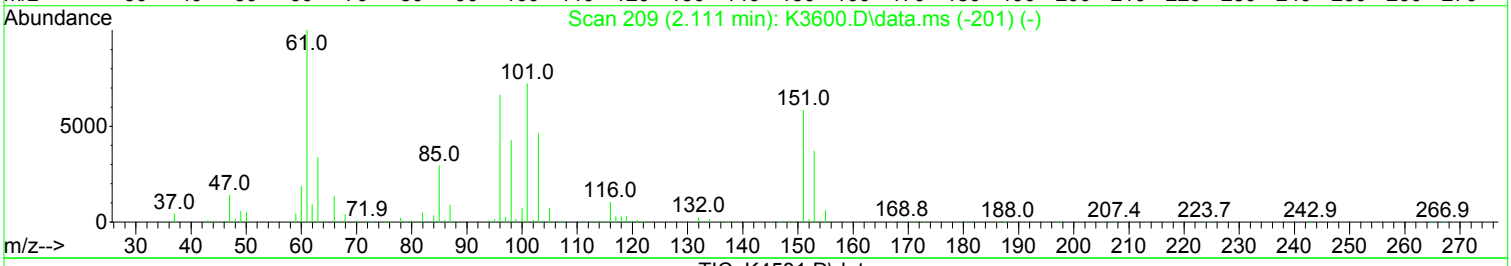
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 0.44 ug/L

response 1390

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	80.80	93.01
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

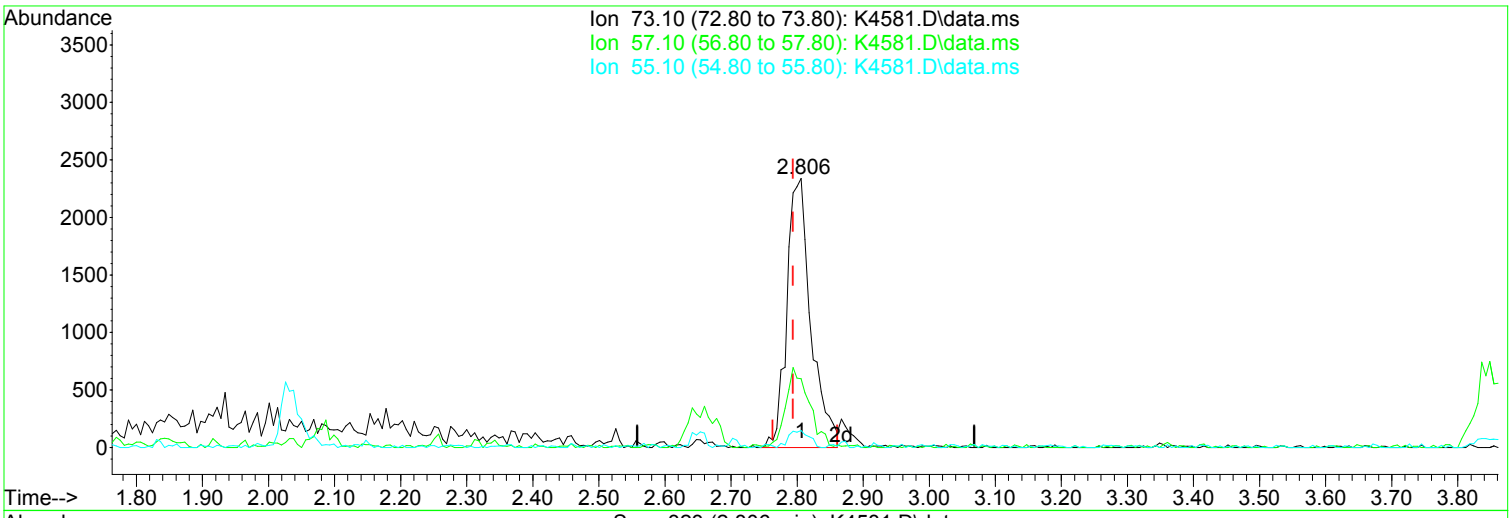
Before

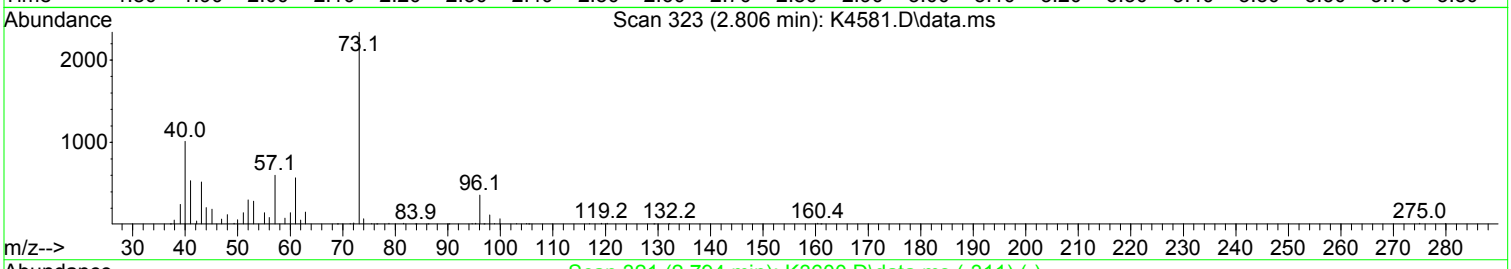
07/31/24

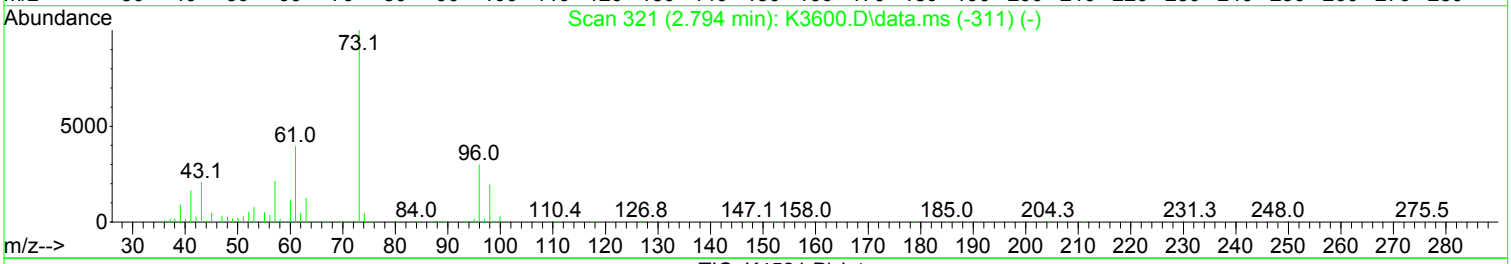
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(25) Methyl-t-Butyl Ether (P)

2.806min (+ 0.012) 0.51 ug/L m

response 5907

Ion	Exp%	Act%
73.10	100.00	100.00
57.10	21.60	25.62
55.10	5.10	6.29
0.00	0.00	0.00

Manual Integration:

After

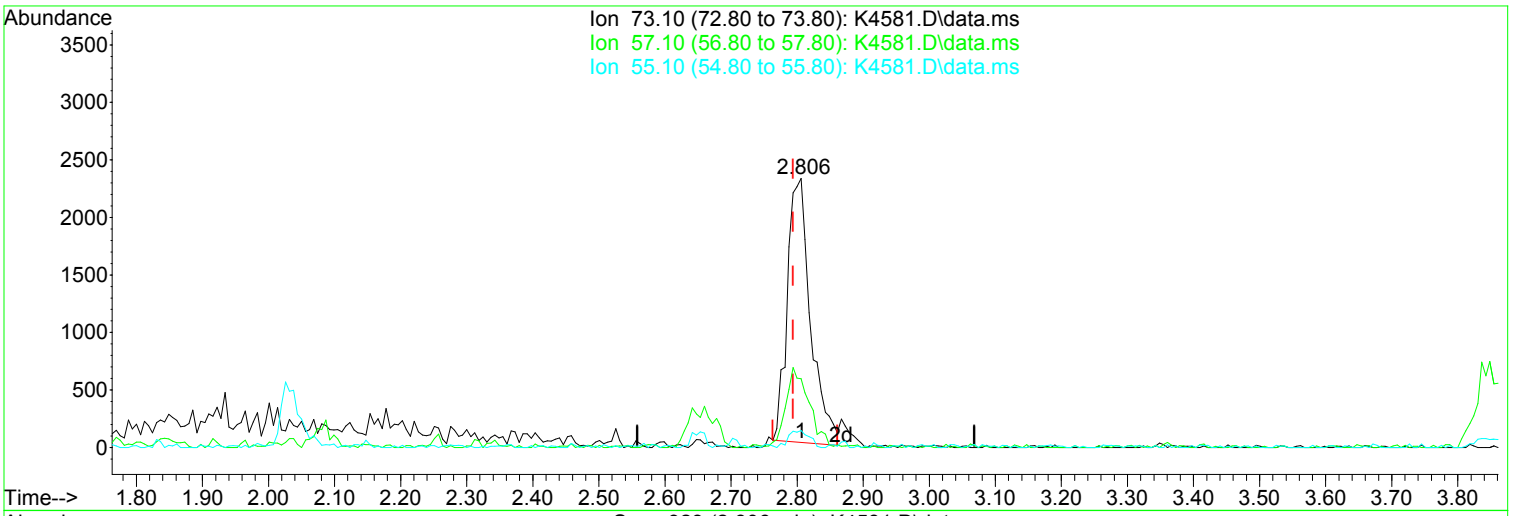
Poor integration.

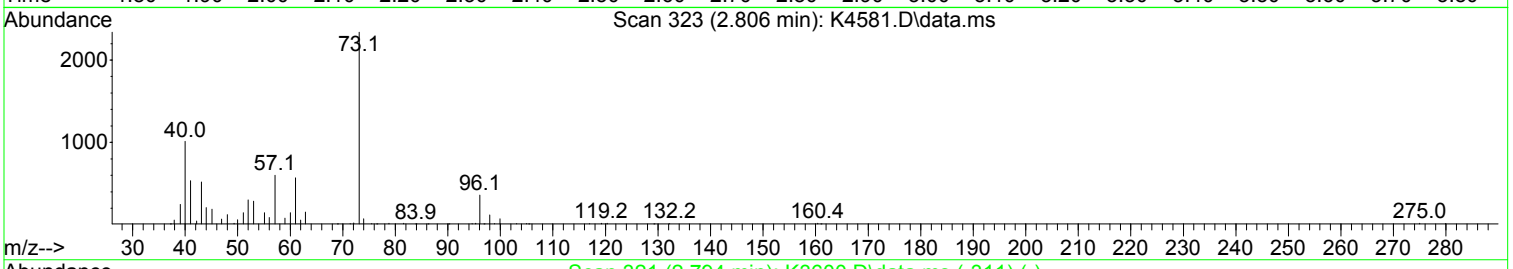
07/31/24

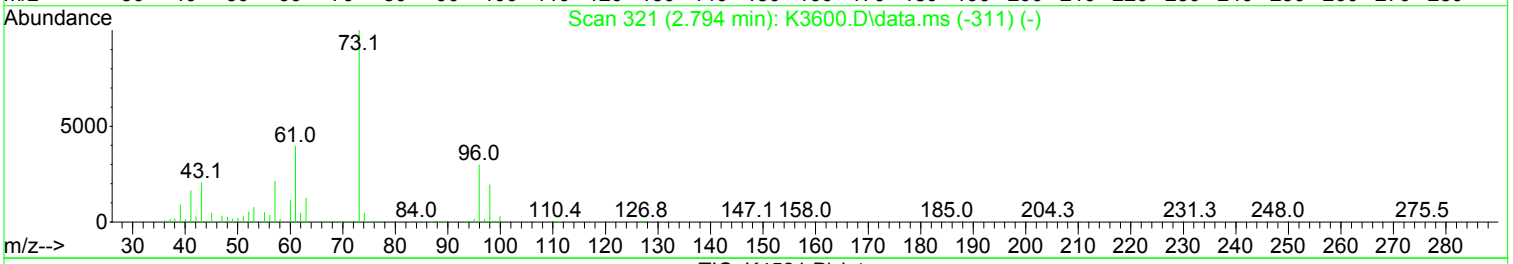
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(25) Methyl-t-Butyl Ether (P)

2.806min (+ 0.012) 0.48 ug/L

response 5595

Ion	Exp%	Act%
73.10	100.00	100.00
57.10	21.60	25.62
55.10	5.10	6.29
0.00	0.00	0.00

Manual Integration:

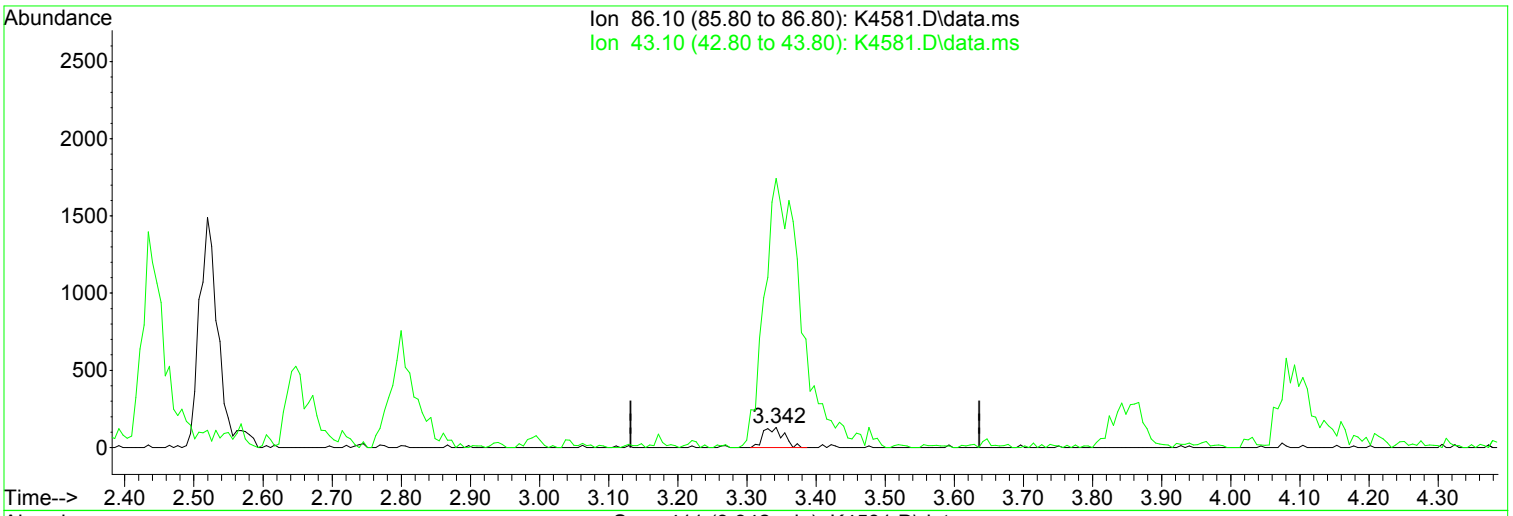
Before

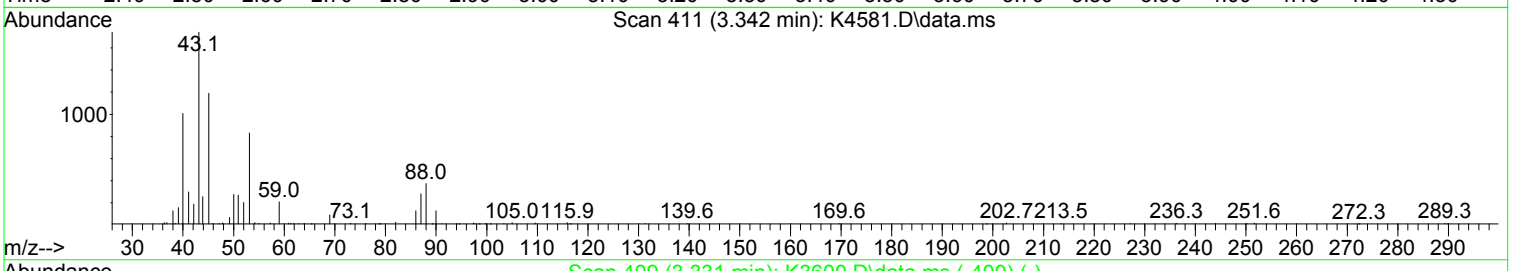
07/31/24

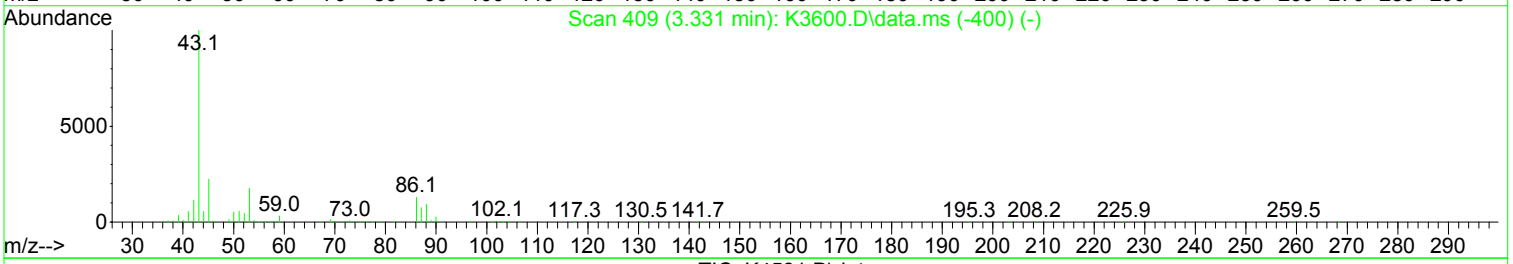
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(28) Vinyl Acetate

3.342min (+ 0.012) 0.39 ug/L m

response 266

Ion	Exp%	Act%
86.10	100.00	100.00
43.10	778.10	1340.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

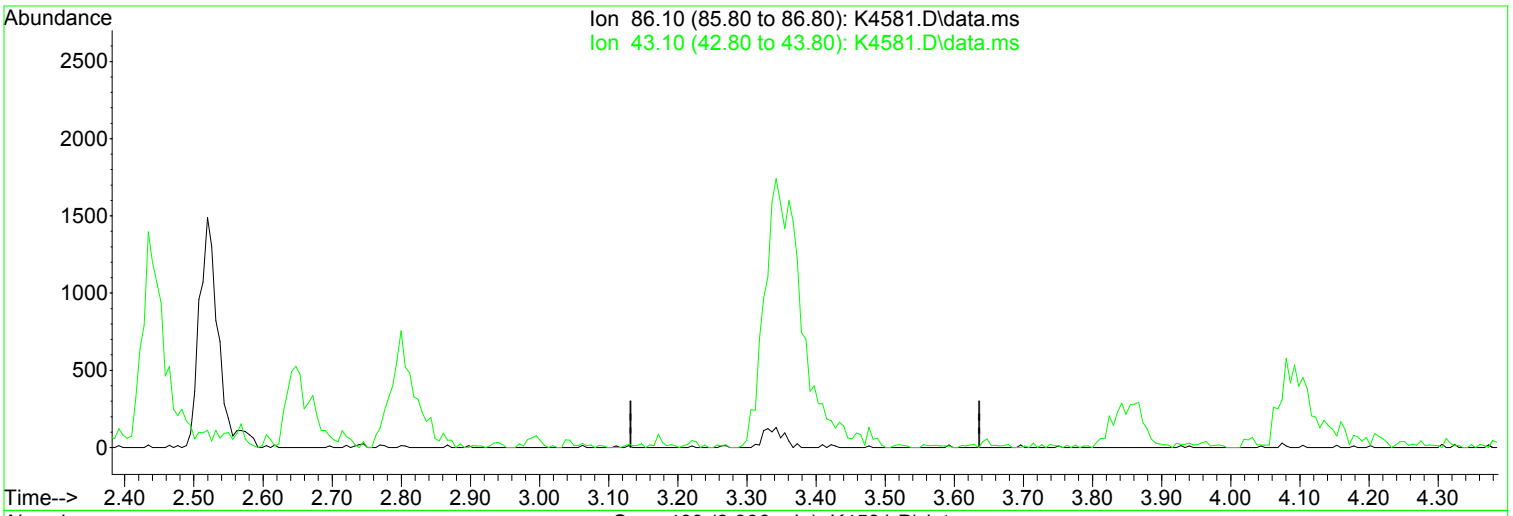
Peak not found.

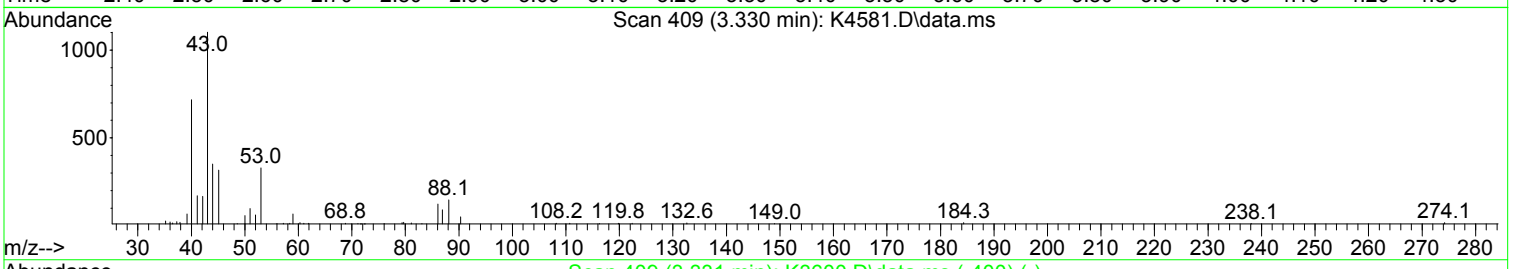
07/31/24

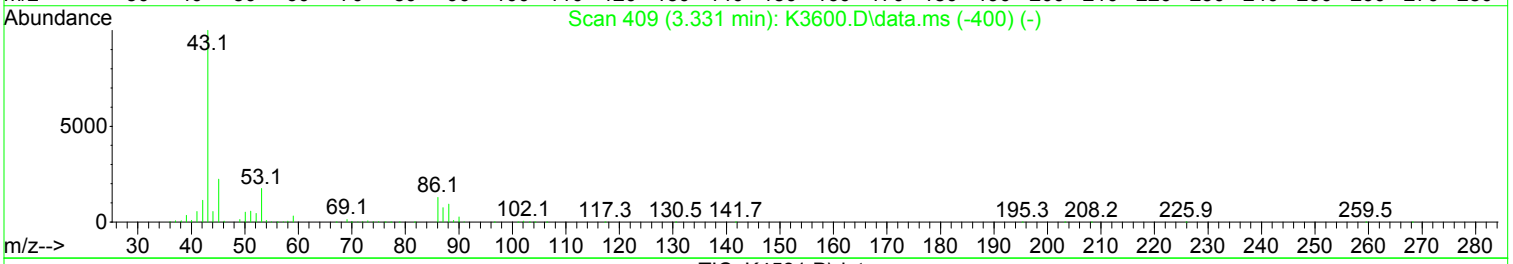
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(28) Vinyl Acetate

3.331min (-3.331) 0.00 ug/L

response 0

Ion	Exp%	Act%
86.10	100.00	0.00
43.10	778.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

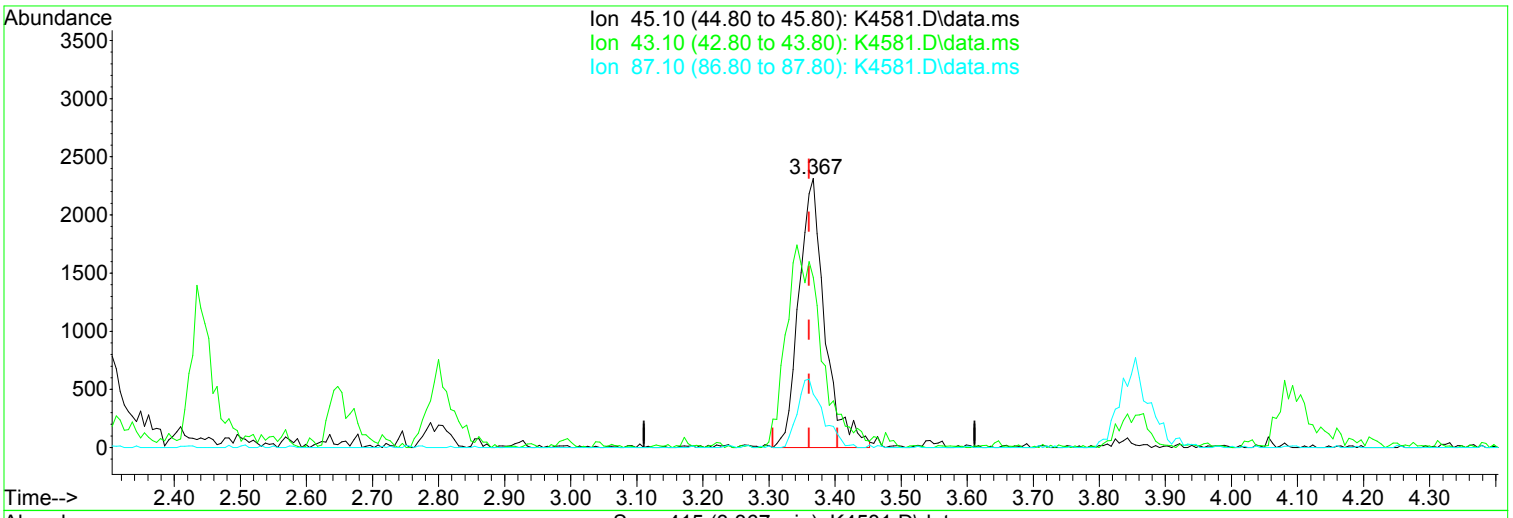
Before

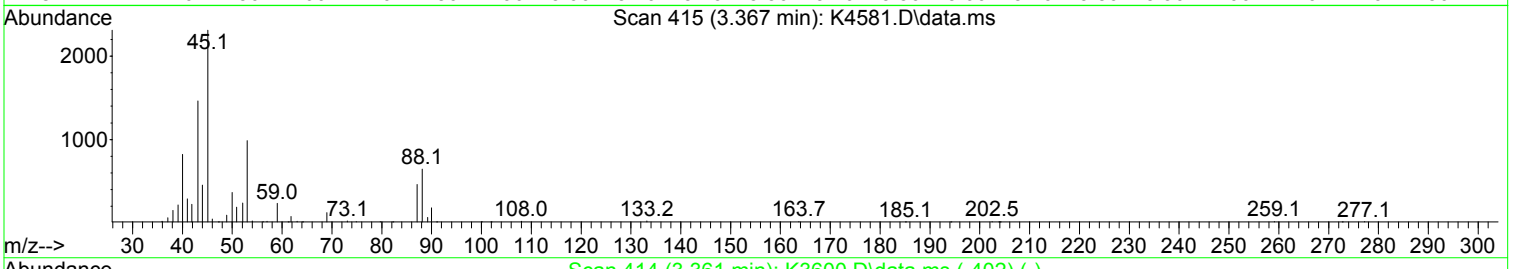
07/31/24

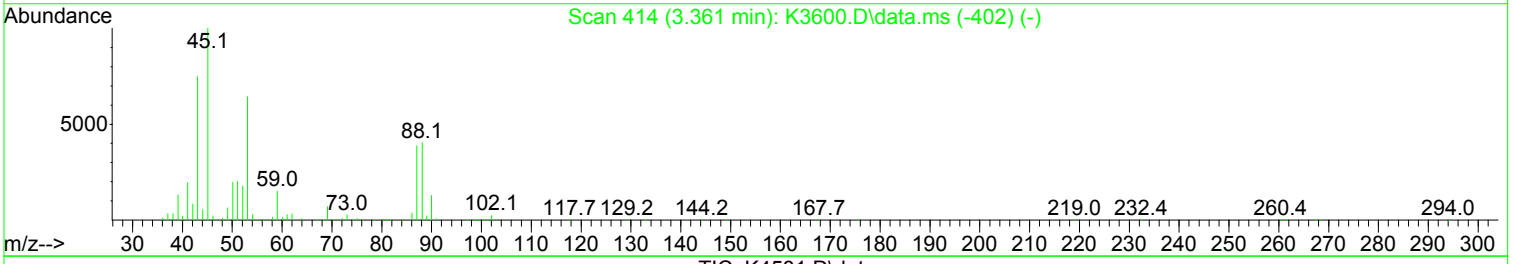
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(29) DIPE

3.367min (+ 0.006) 0.51 ug/L m

response 6297

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	75.00	63.34
87.10	39.10	19.89
0.00	0.00	0.00

Manual Integration:

After

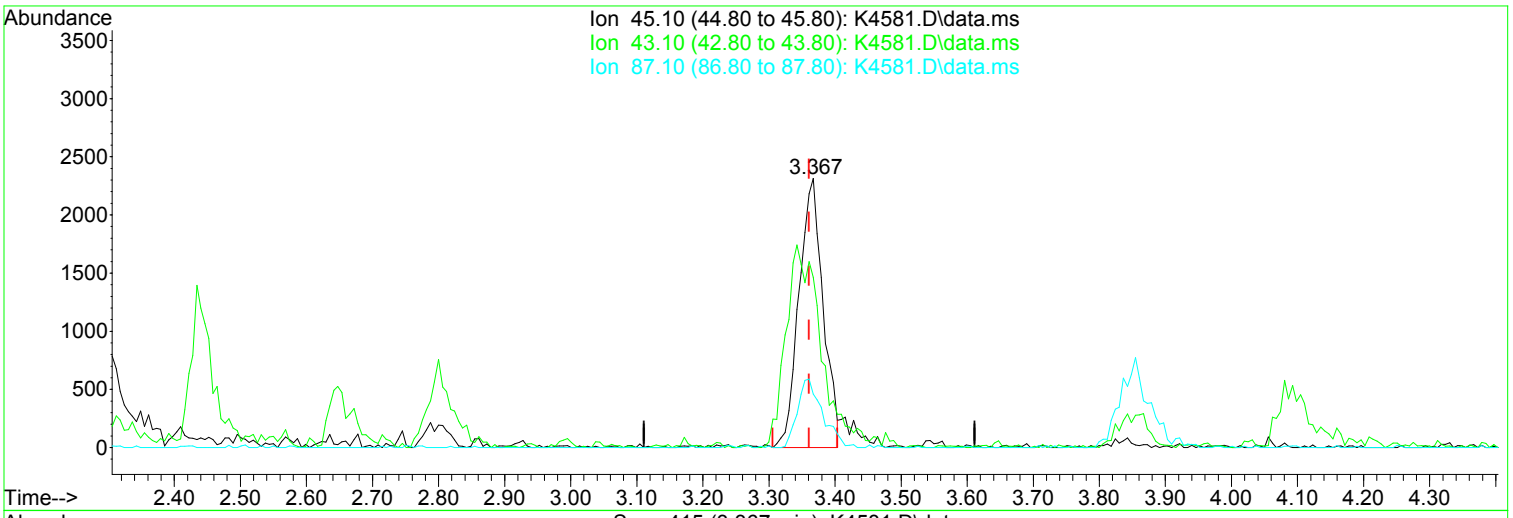
Poor integration.

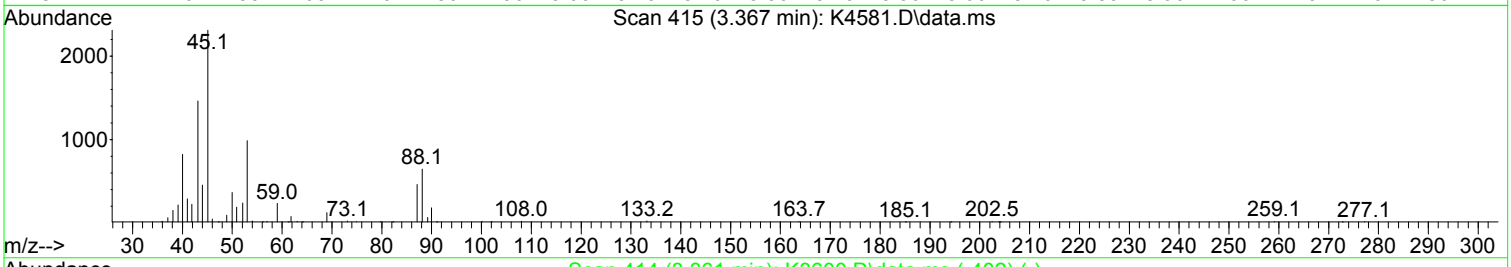
07/31/24

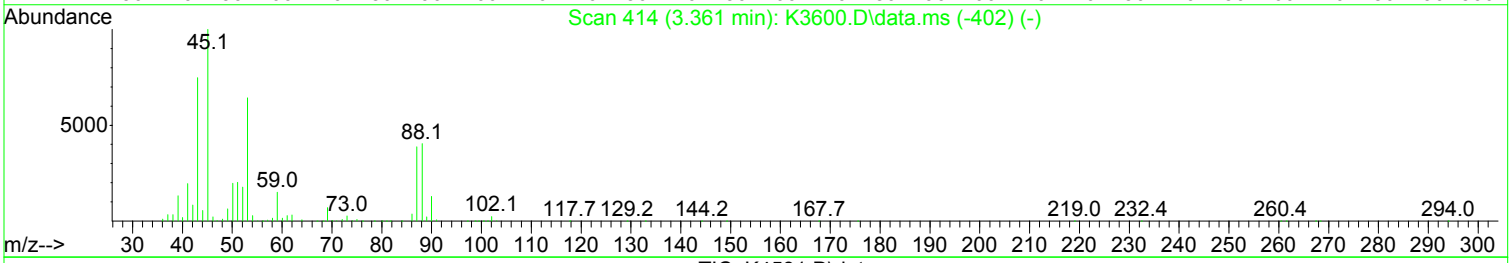
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(29) DIPE

3.367min (+ 0.006) 0.48 ug/L

response 5855

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	75.00	63.34
87.10	39.10	19.89
0.00	0.00	0.00

Manual Integration:

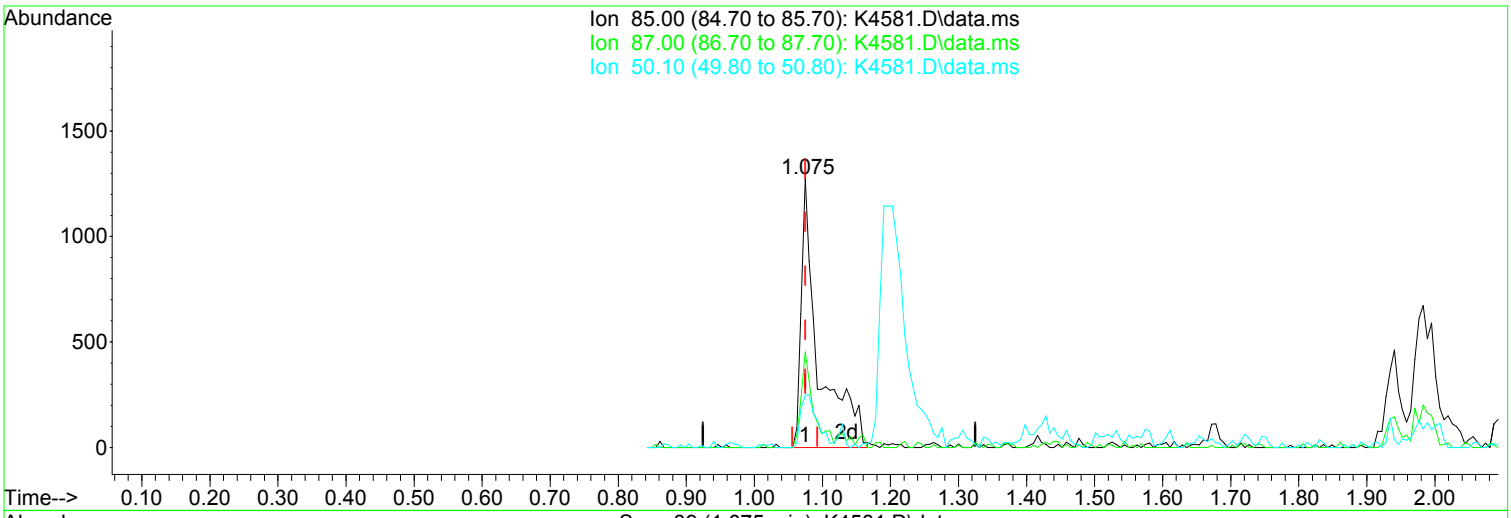
Before

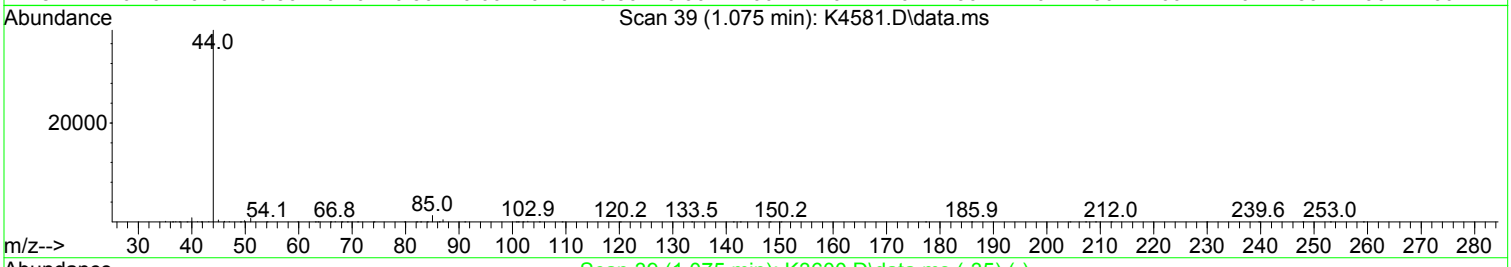
07/31/24

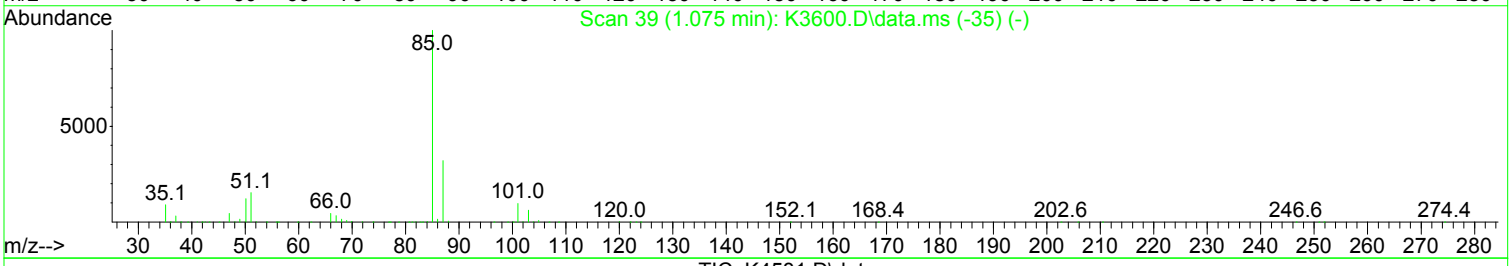
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 0.54 ug/L m

response 2286

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.00	35.53
50.10	12.20	19.29
0.00	0.00	0.00

Manual Integration:

After

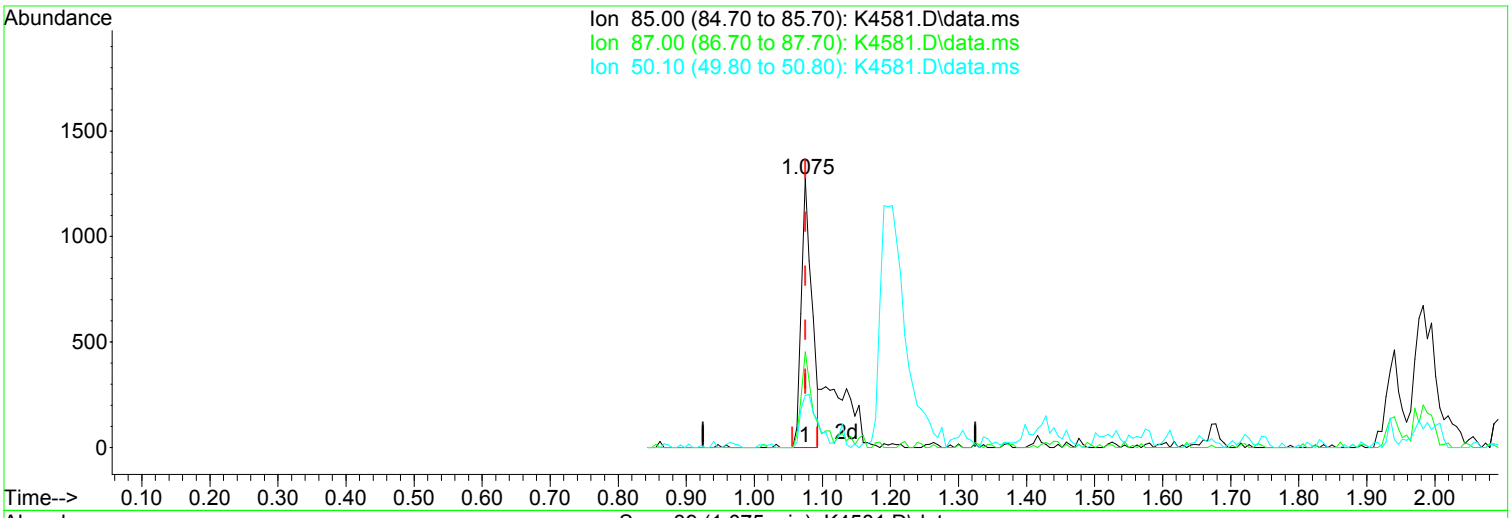
Split Peak.

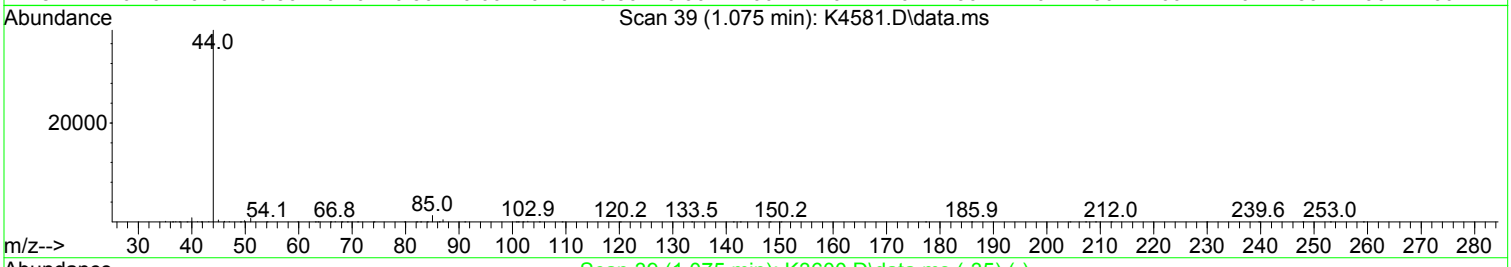
07/31/24

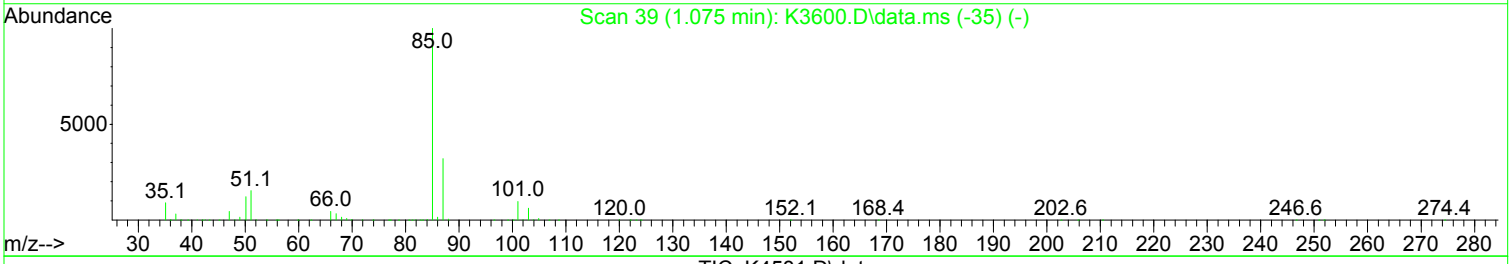
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 0.33 ug/L

response 1383

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.00	35.53
50.10	12.20	19.29
0.00	0.00	0.00

Manual Integration:

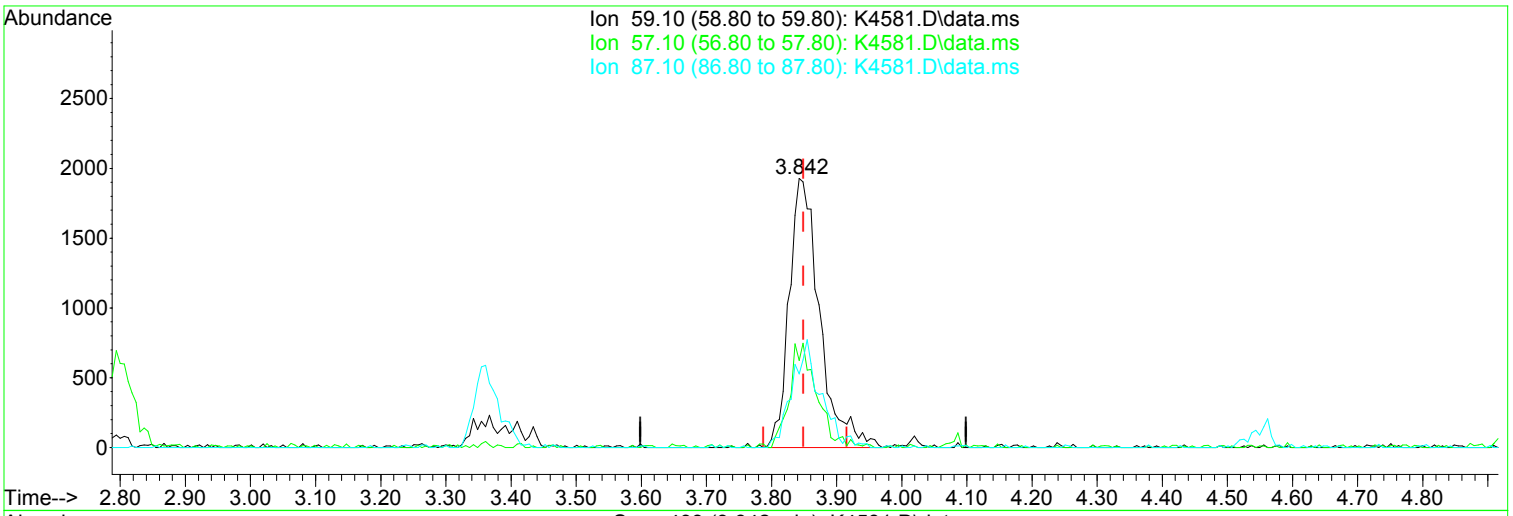
Before

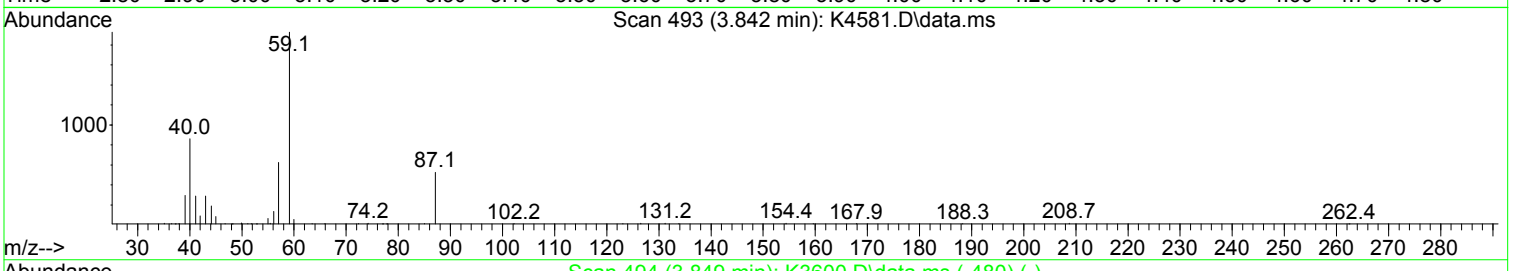
07/31/24

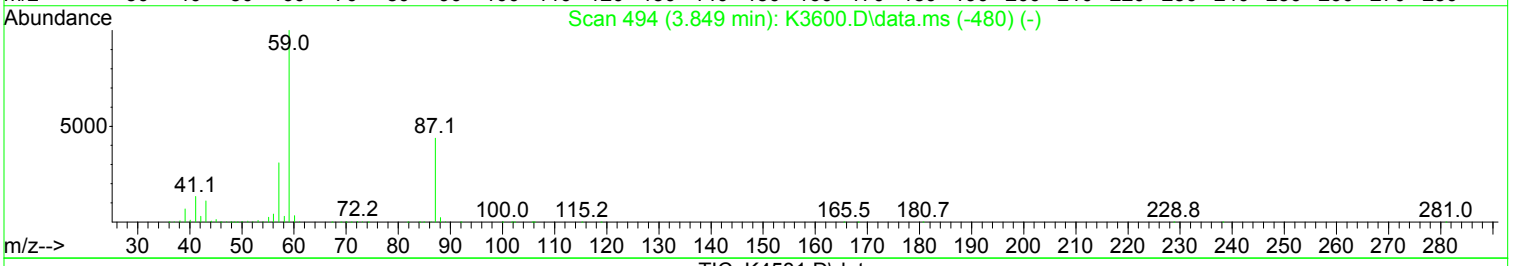
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(31) ETBE

3.842min (-0.006) 0.48 ug/L m

response 6267

Ion	Exp%	Act%
59.10	100.00	100.00
57.10	30.90	32.38
87.10	43.70	27.30
0.00	0.00	0.00

Manual Integration:

After

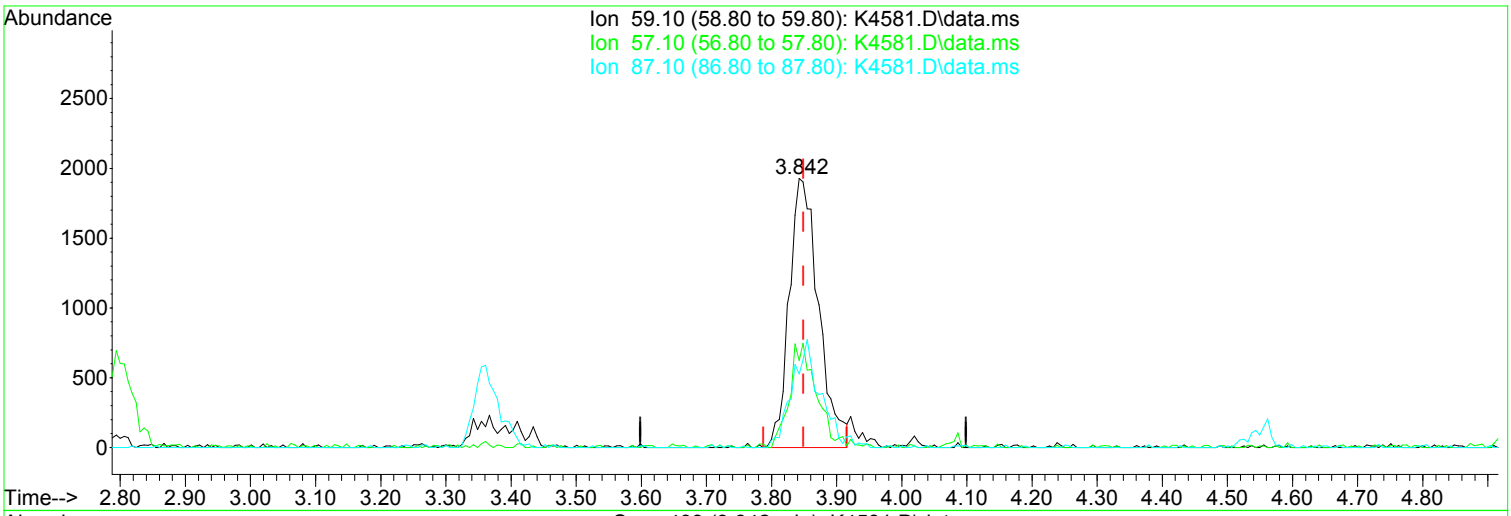
Poor integration.

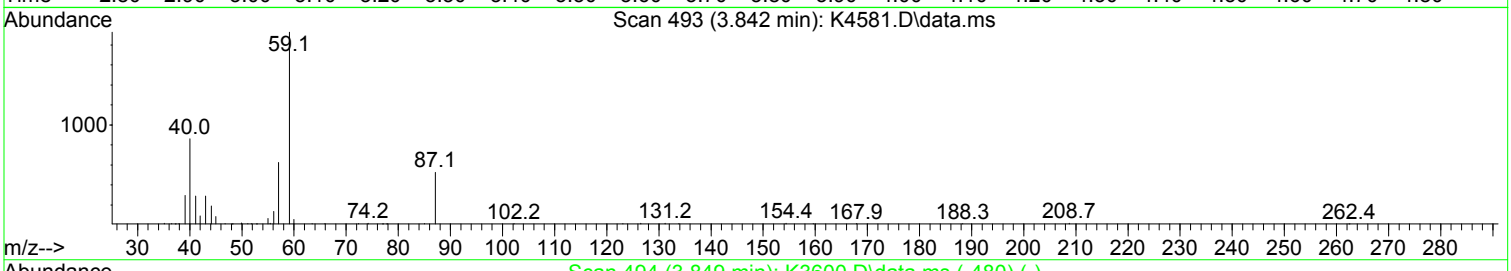
07/31/24

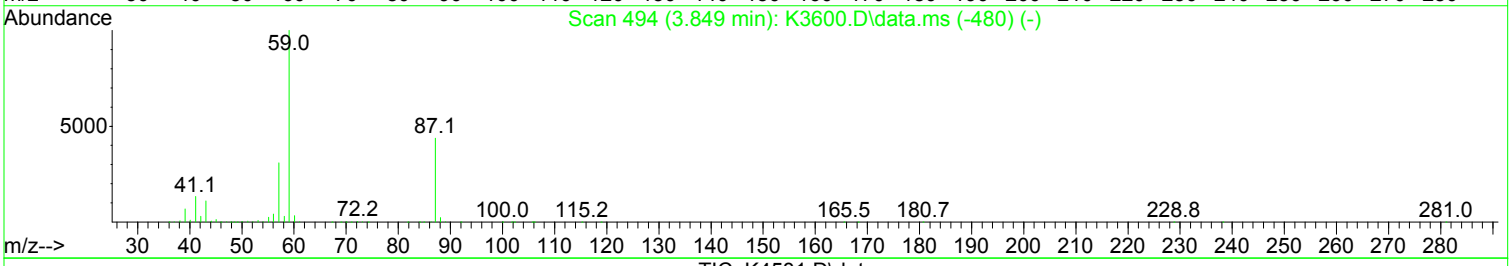
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(31) ETBE

3.842min (-0.006) 0.46 ug/L

response 6018

Ion	Exp%	Act%
59.10	100.00	100.00
57.10	30.90	32.38
87.10	43.70	27.30
0.00	0.00	0.00

Manual Integration:

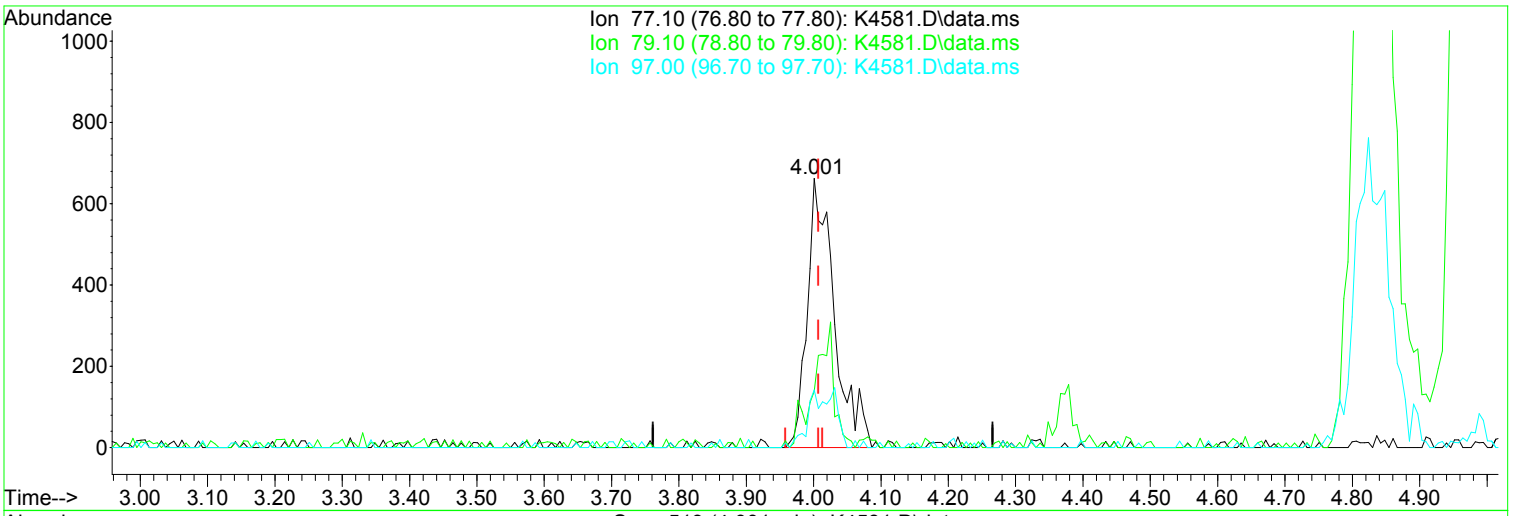
Before

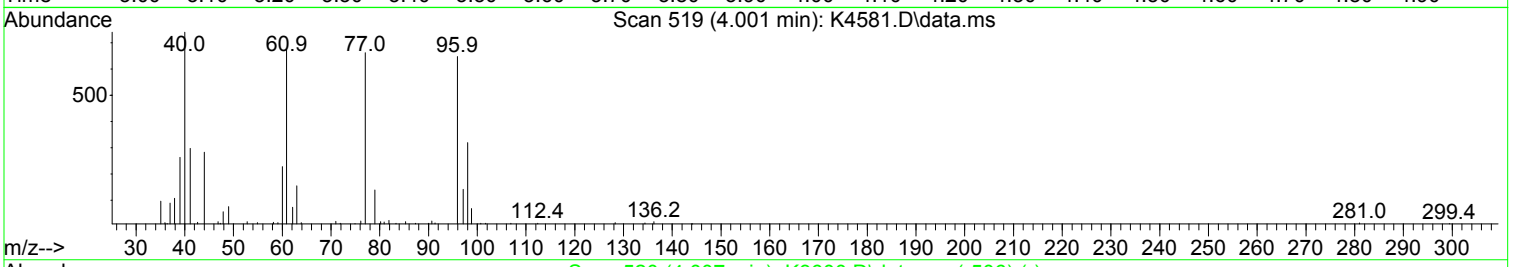
07/31/24

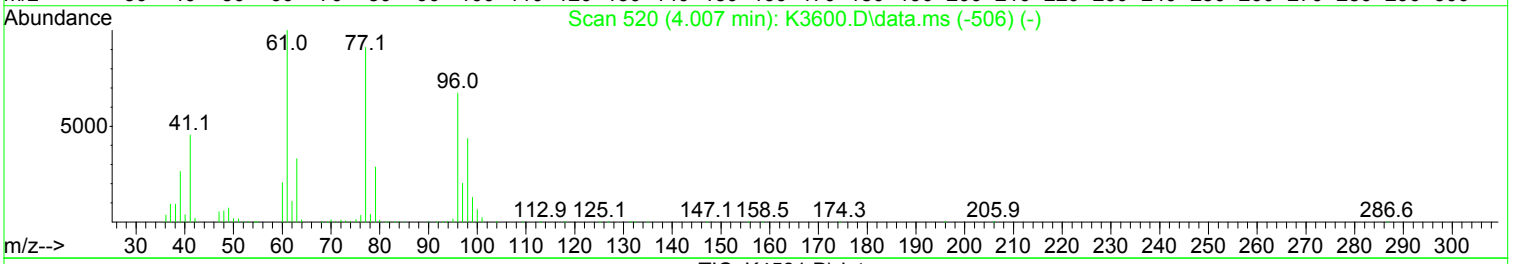
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(32) 2,2-Dichloropropane

4.001min (-0.006) 0.42 ug/L m

response 1844

Ion	Exp%	Act%
77.10	100.00	100.00
79.10	31.50	21.00
97.00	22.20	21.45
0.00	0.00	0.00

Manual Integration:

After

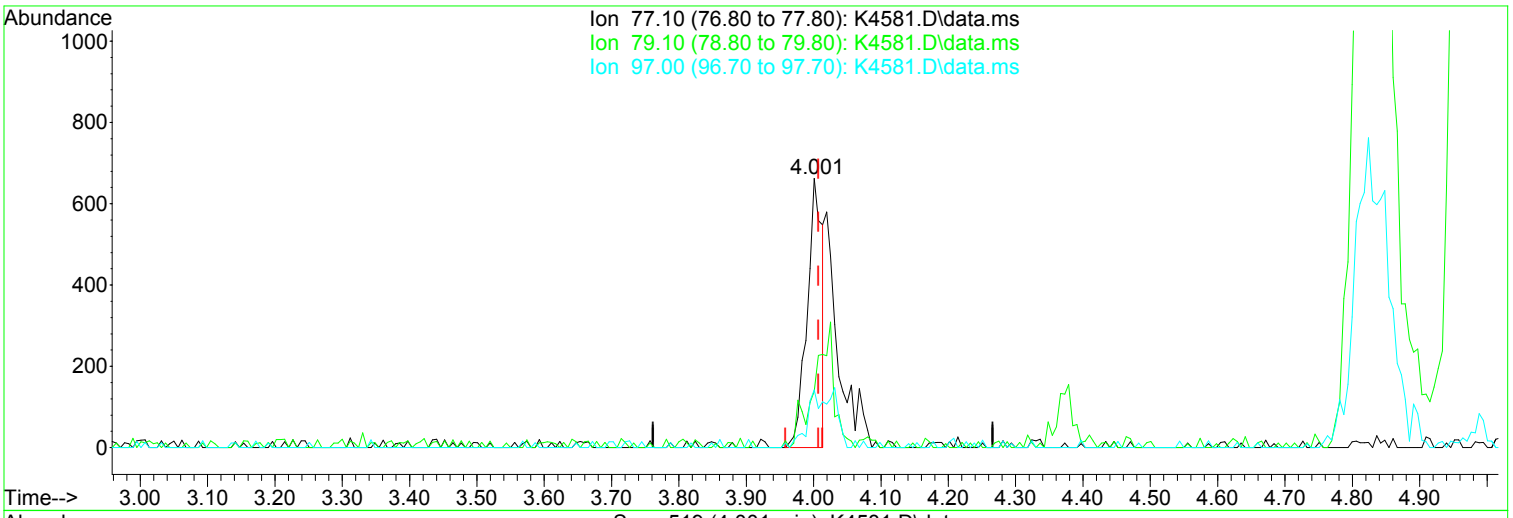
Split Peak.

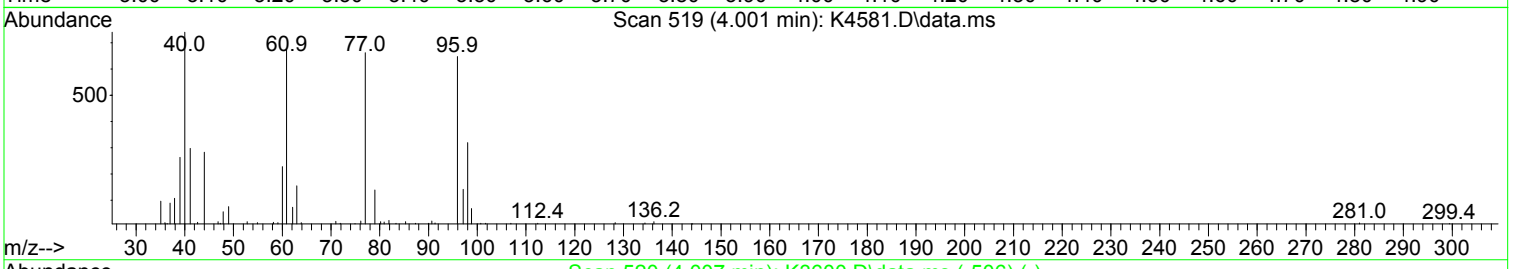
07/31/24

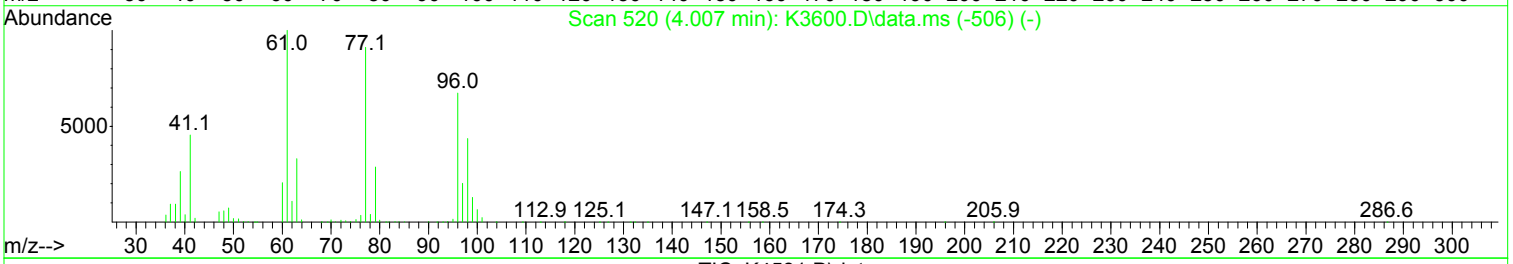
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(32) 2,2-Dichloropropane

4.001min (-0.006) 0.23 ug/L

response 1025

Ion	Exp%	Act%
77.10	100.00	100.00
79.10	31.50	21.00
97.00	22.20	21.45
0.00	0.00	0.00

Manual Integration:

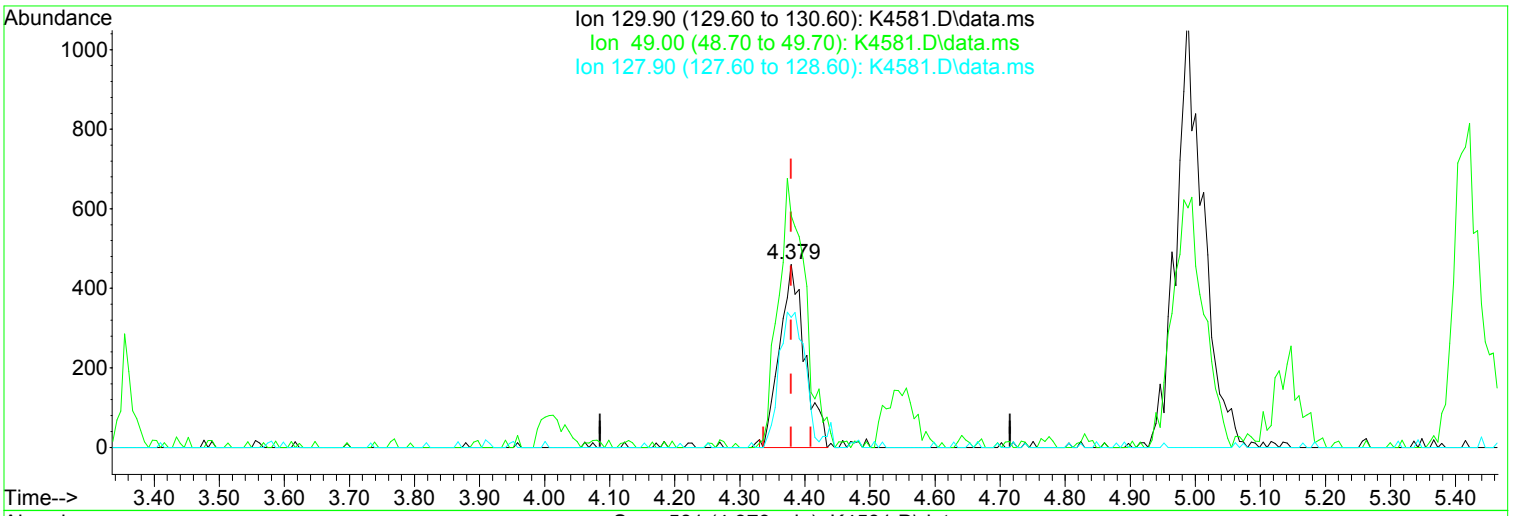
Before

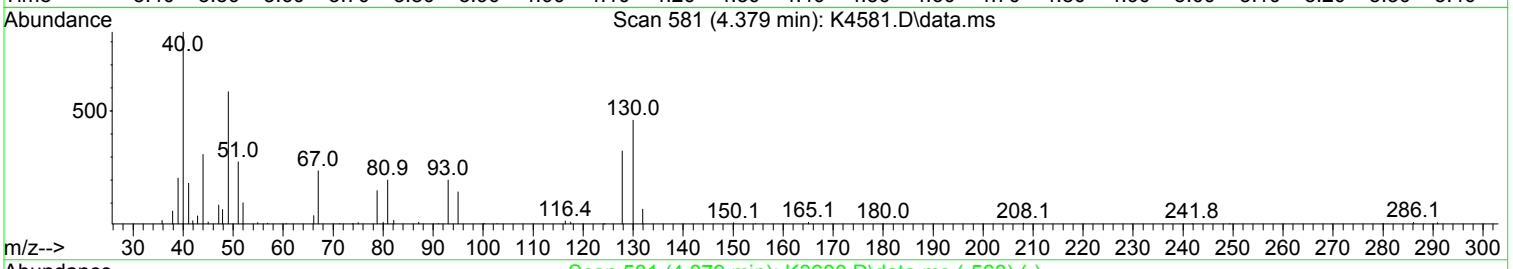
07/31/24

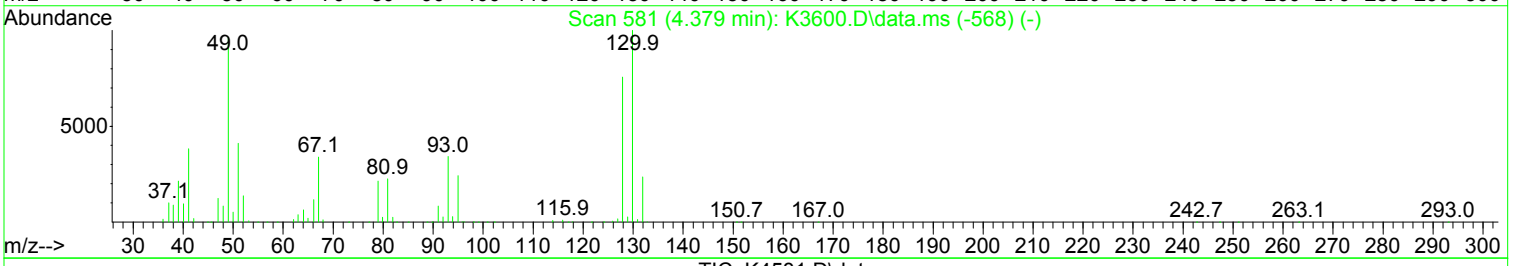
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(36) Bromochloromethane

4.379min (-0.000) 0.48 ug/L m

response 1229

Ion	Exp%	Act%
129.90	100.00	100.00
49.00	96.20	126.74#
127.90	75.60	71.09
0.00	0.00	0.00

Manual Integration:

After

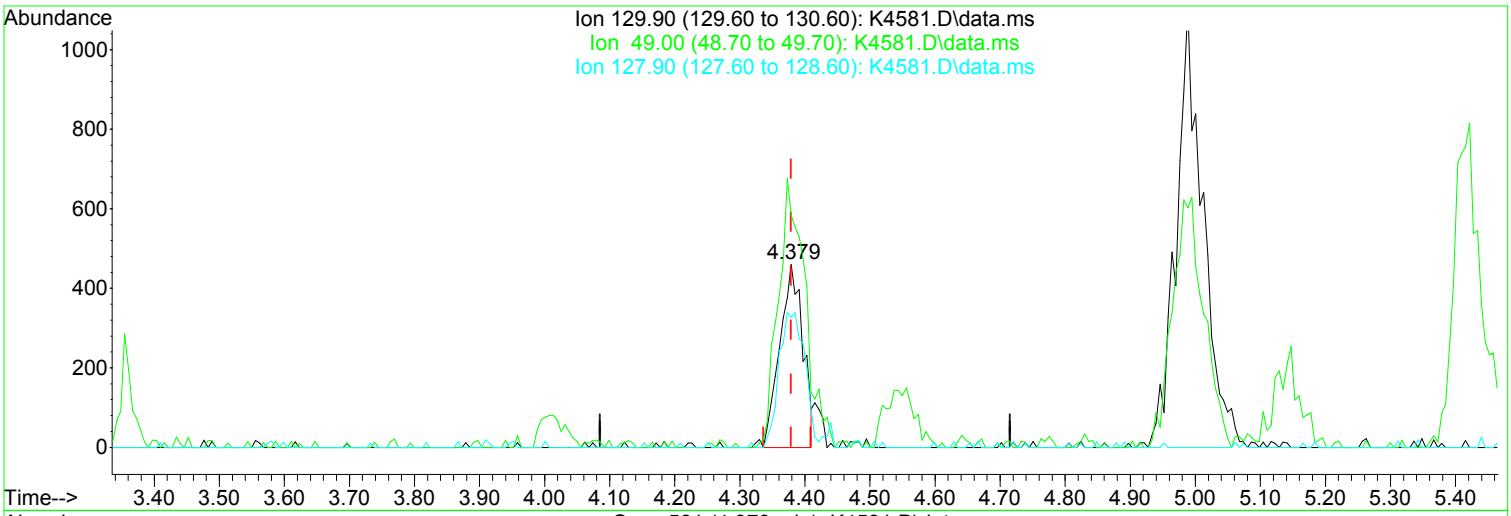
Split Peak.

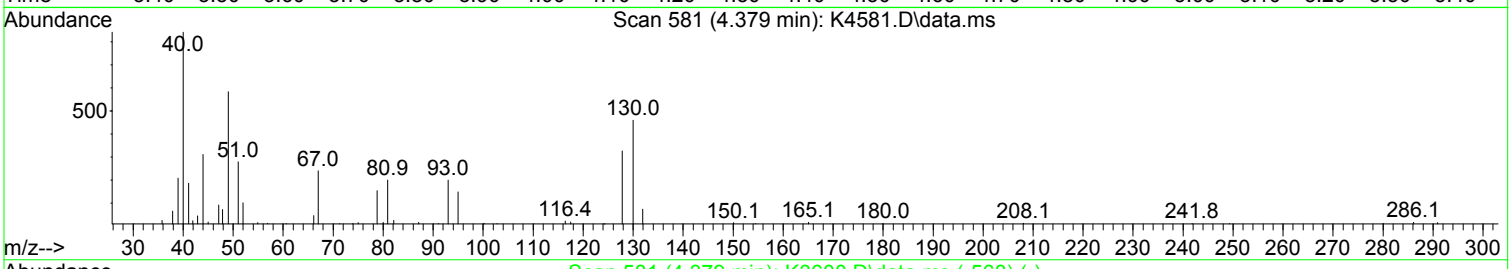
07/31/24

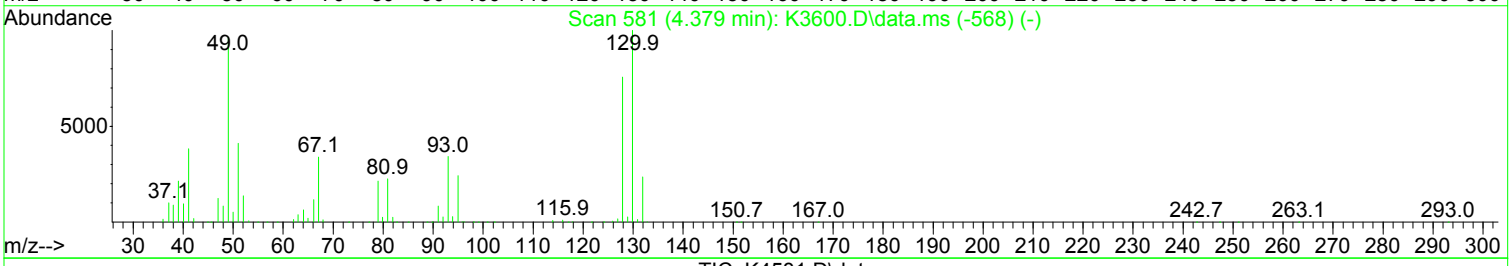
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(36) Bromochloromethane

4.379min (-0.000) 0.44 ug/L

response 1127

Ion	Exp%	Act%
129.90	100.00	100.00
49.00	96.20	126.74#
127.90	75.60	71.09
0.00	0.00	0.00

Manual Integration:

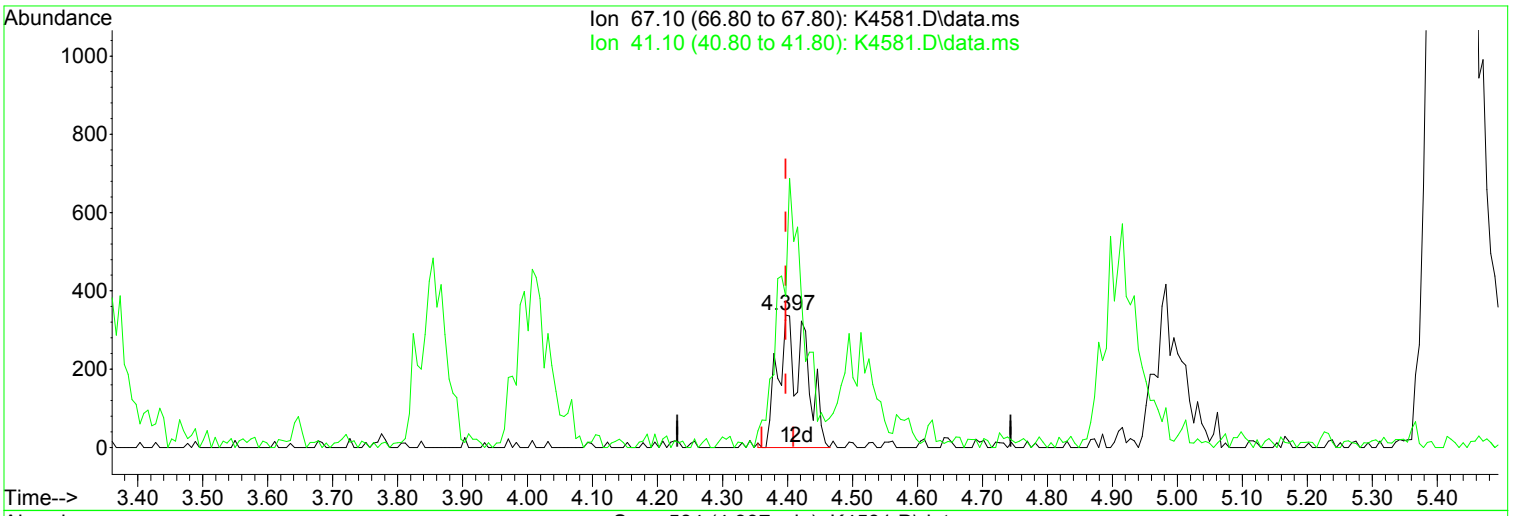
Before

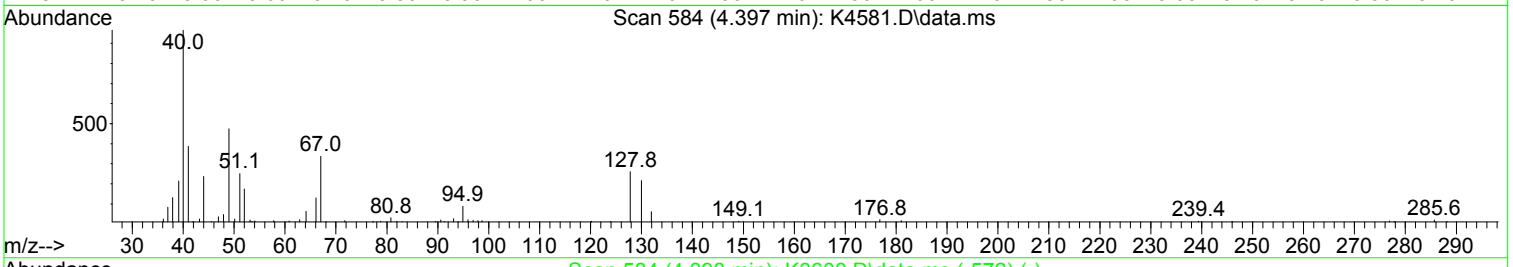
07/31/24

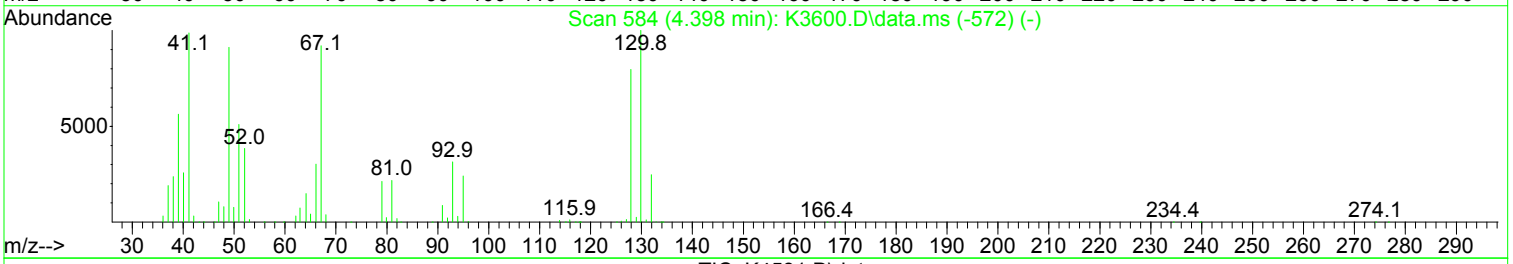
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(37) Methacrylonitrile

4.397min (-0.000) 0.44 ug/L m

response 981

Ion	Exp%	Act%
67.10	100.00	100.00
41.10	107.20	114.20
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

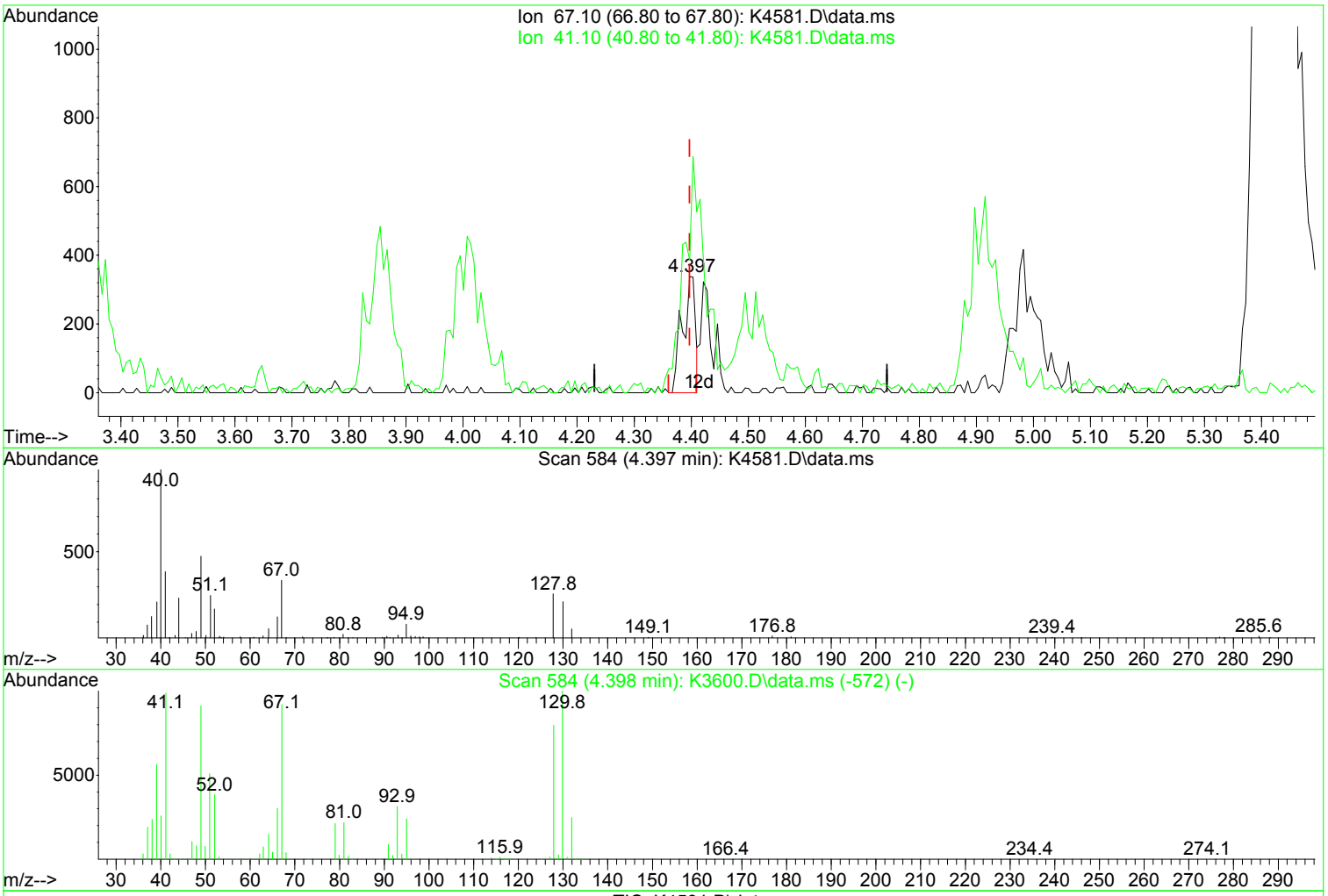
Split Peak.

07/31/24

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4581.D\data.ms

(37) Methacrylonitrile

4.397min (-0.000) 0.24 ug/L

response 530

Ion	Exp%	Act%
67.10	100.00	100.00
41.10	107.20	114.20
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

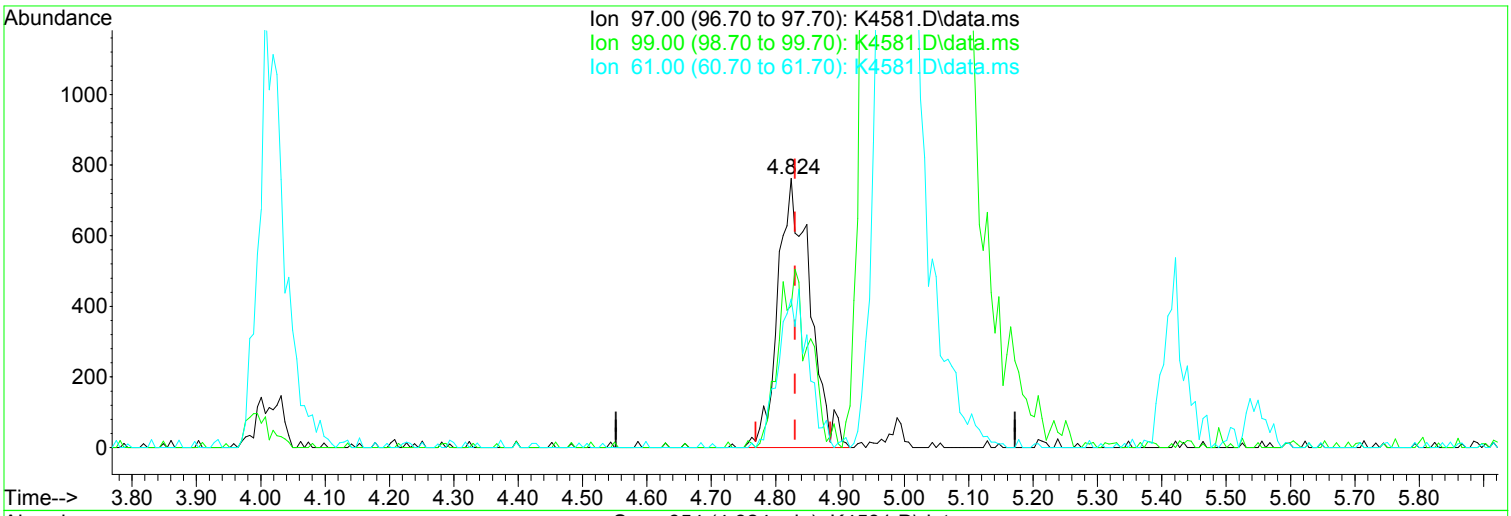
Before

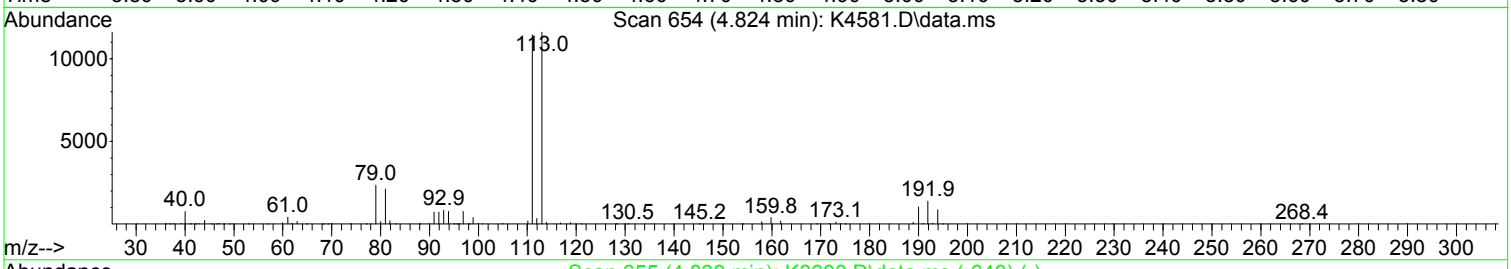
07/31/24

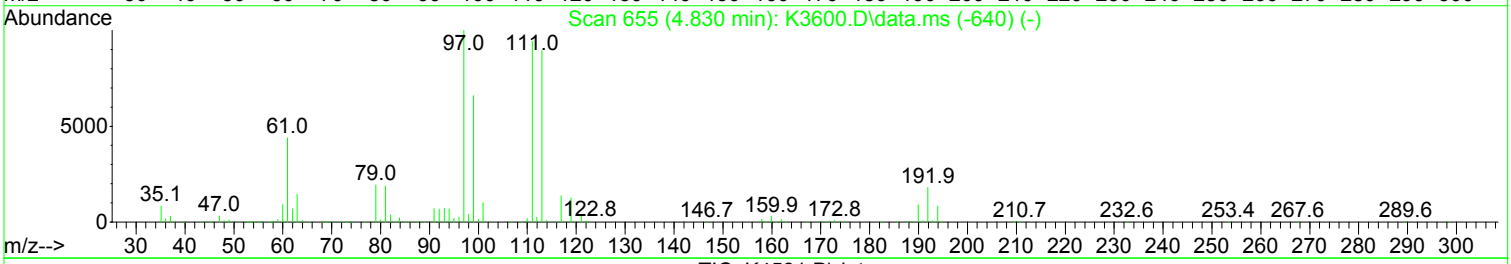
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.824min (-0.006) 0.51 ug/L m

response 2649

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	66.00	52.76
61.00	44.00	55.25
0.00	0.00	0.00

Manual Integration:

After

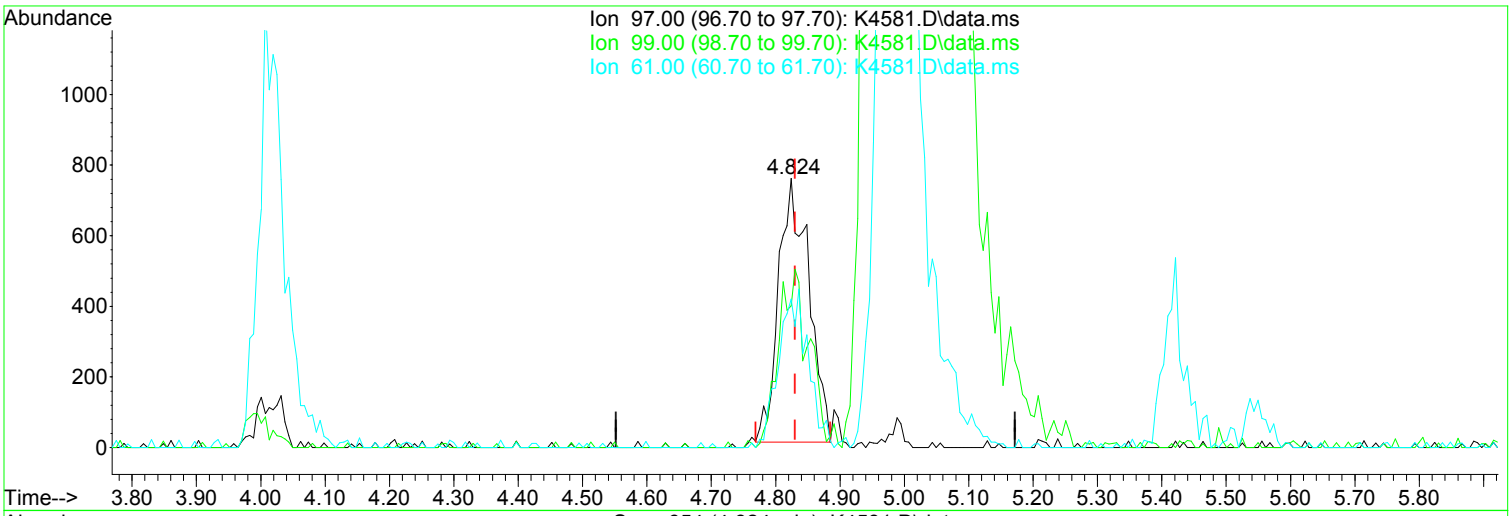
Poor integration.

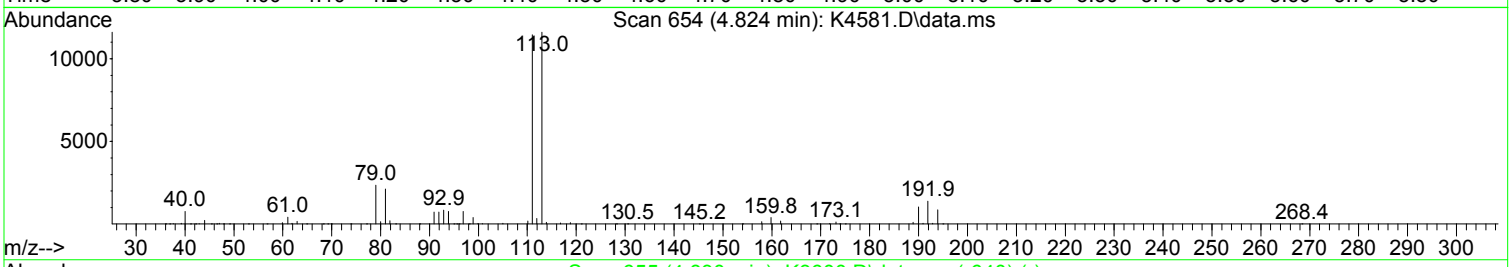
07/31/24

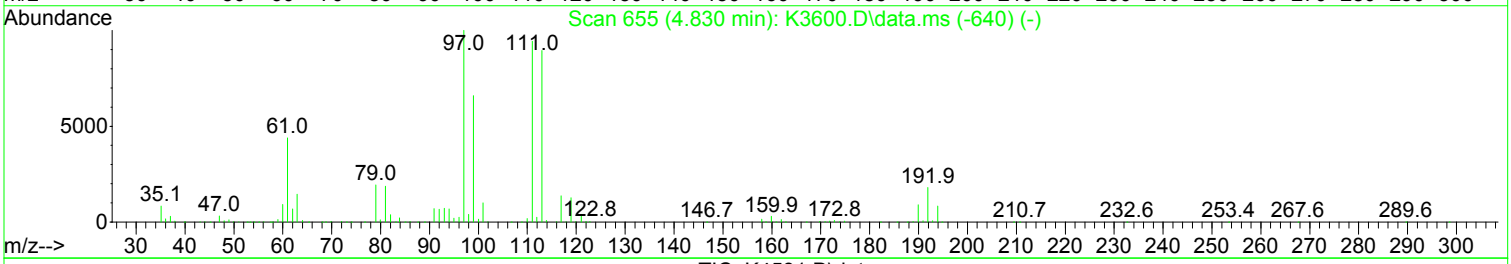
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.824min (-0.006) 0.47 ug/L

response 2434

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	66.00	52.76
61.00	44.00	55.25
0.00	0.00	0.00

Manual Integration:

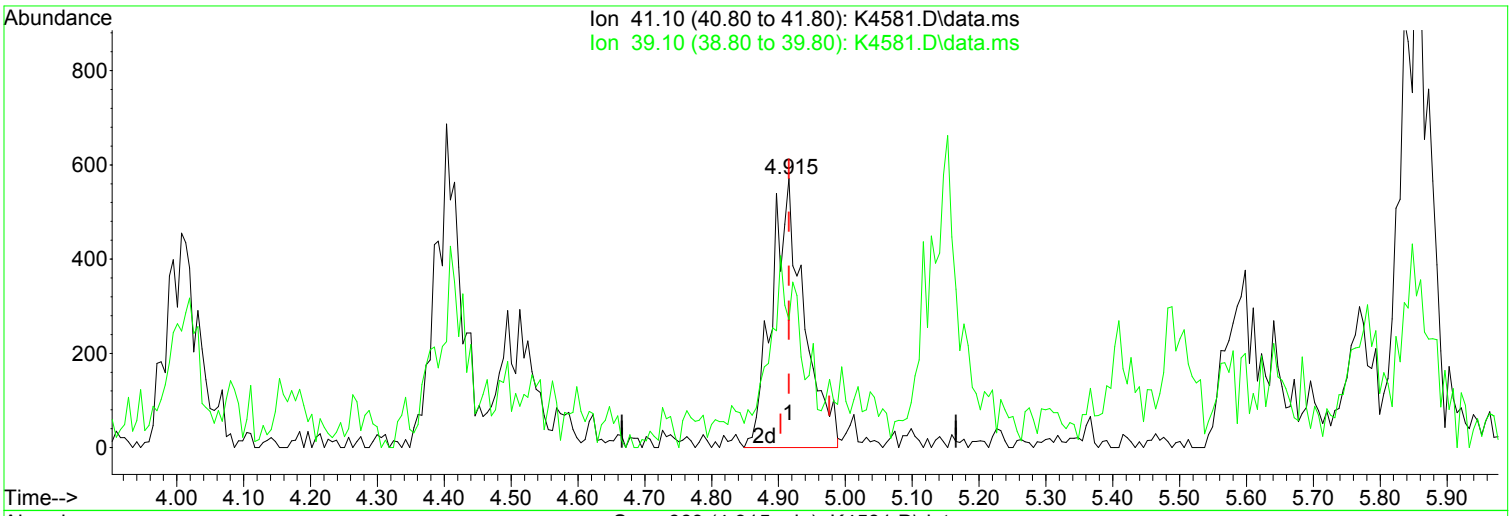
Before

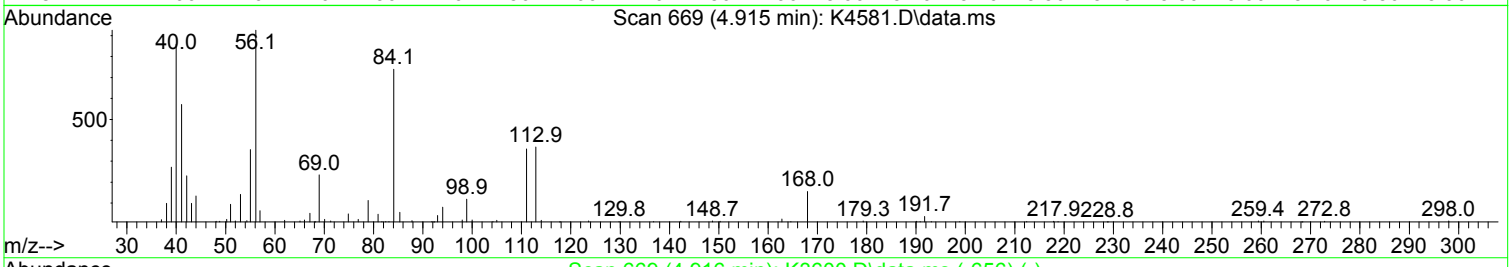
07/31/24

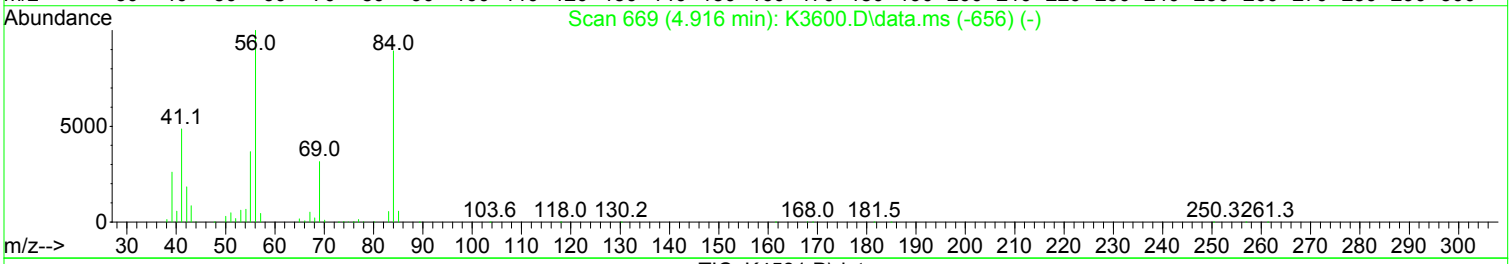
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(43) Cyclohexane (P)

4.915min (-0.000) 0.53 ug/L m

response 1910

Ion	Exp%	Act%
41.10	100.00	100.00
39.10	54.10	47.64
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

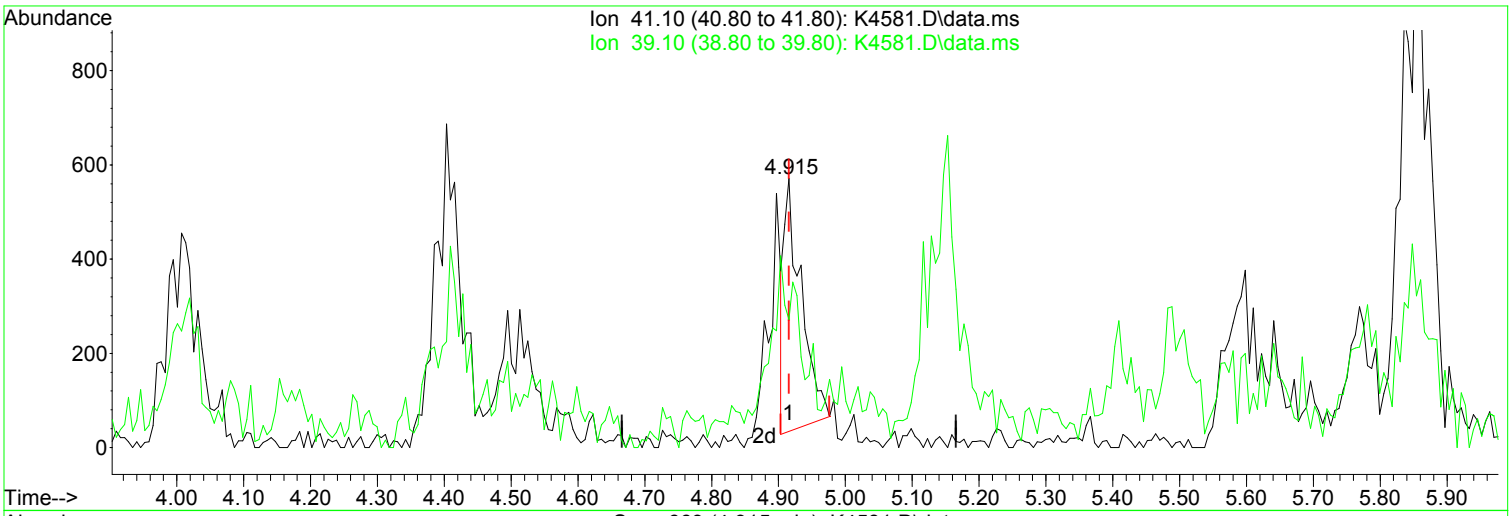
Split Peak.

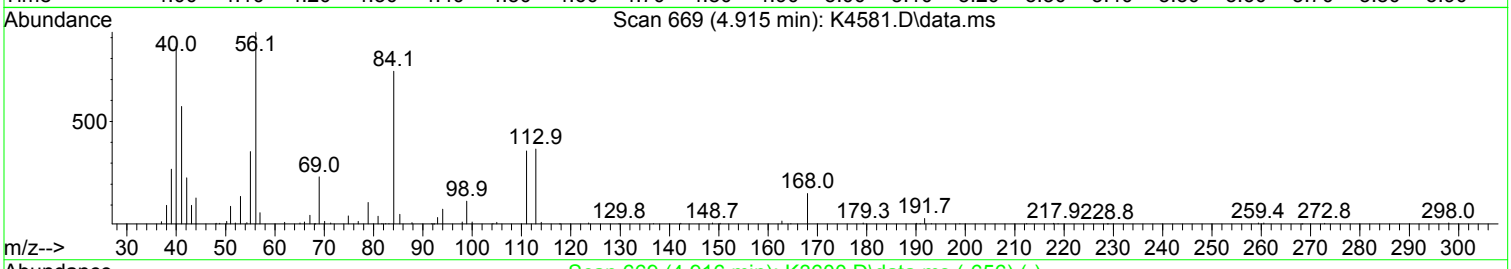
07/31/24

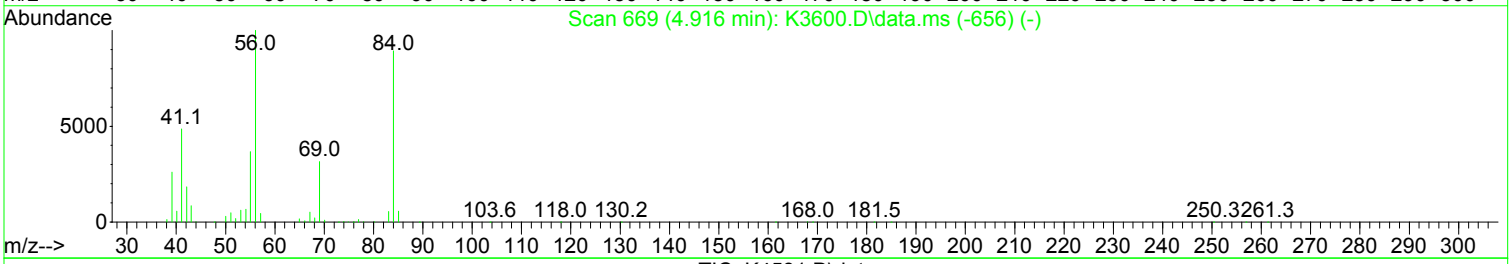
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(43) Cyclohexane (P)

4.915min (-0.000) 0.27 ug/L

response 968

Ion	Exp%	Act%
41.10	100.00	100.00
39.10	54.10	47.64
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

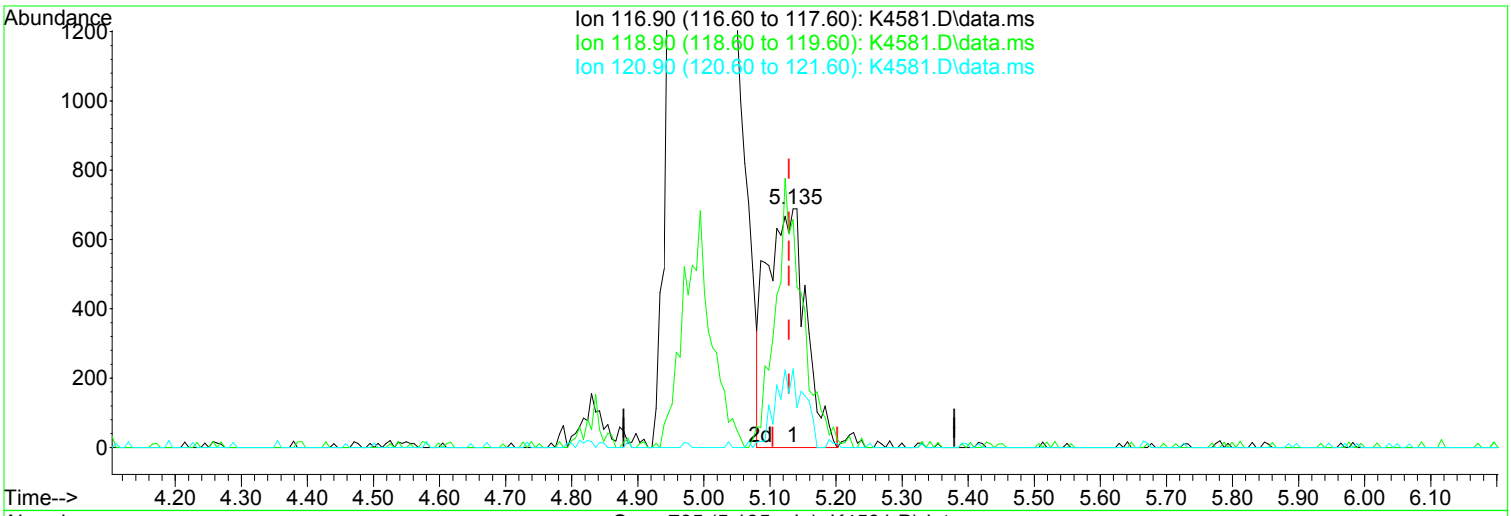
Before

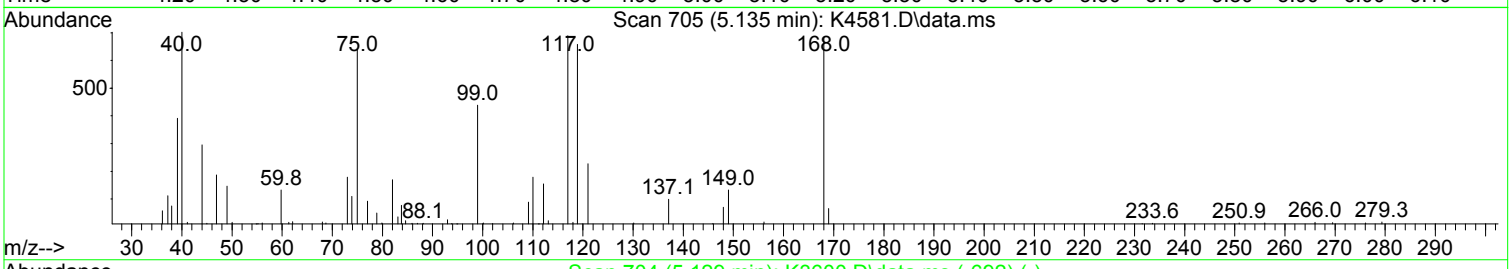
07/31/24

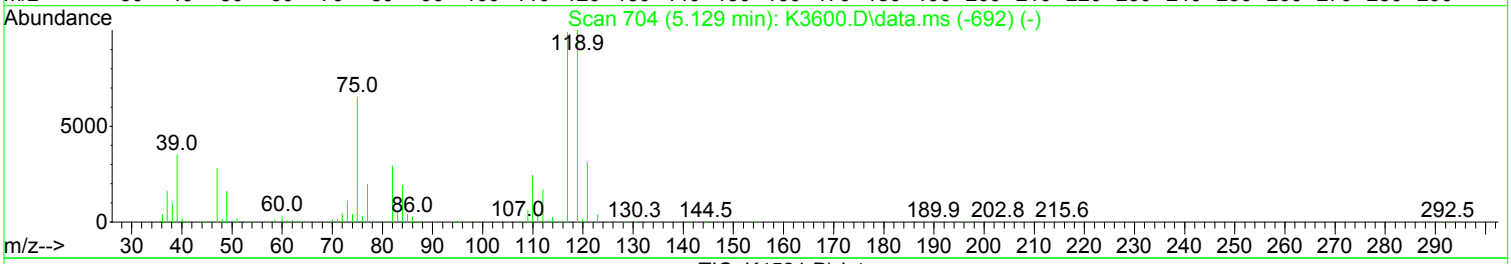
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(45) Carbontetrachloride (P)

5.135min (+ 0.006) 0.58 ug/L m

response 2831

Ion	Exp%	Act%
116.90	100.00	100.00
118.90	98.90	95.50
120.90	30.70	32.95
0.00	0.00	0.00

Manual Integration:

After

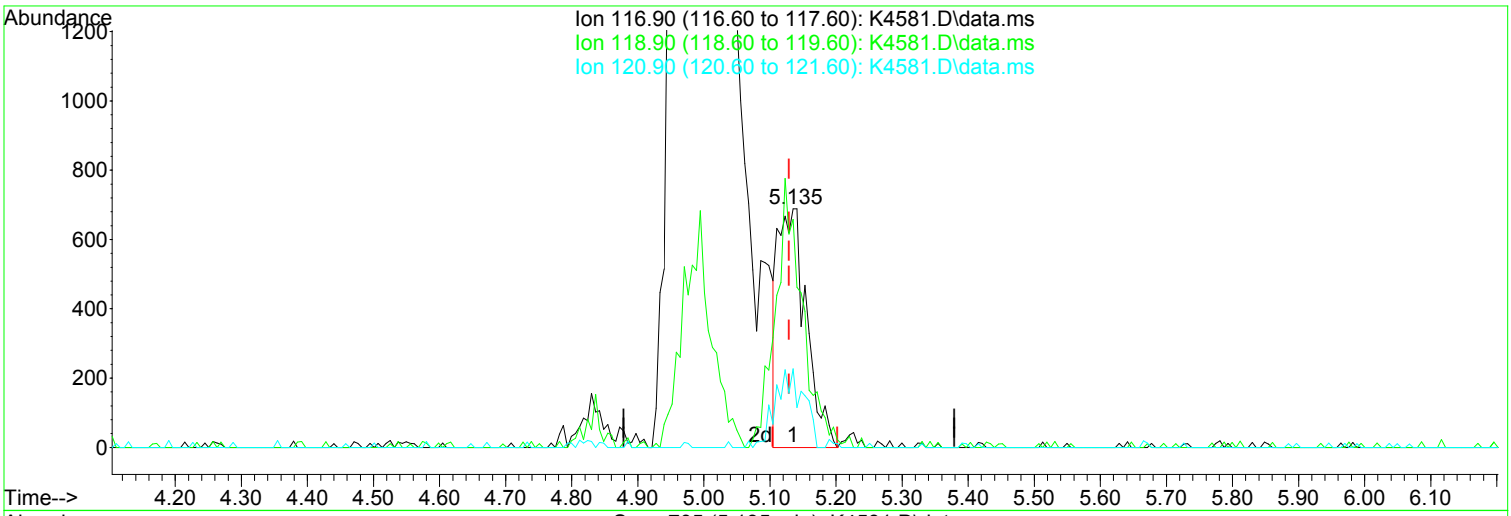
Poor integration.

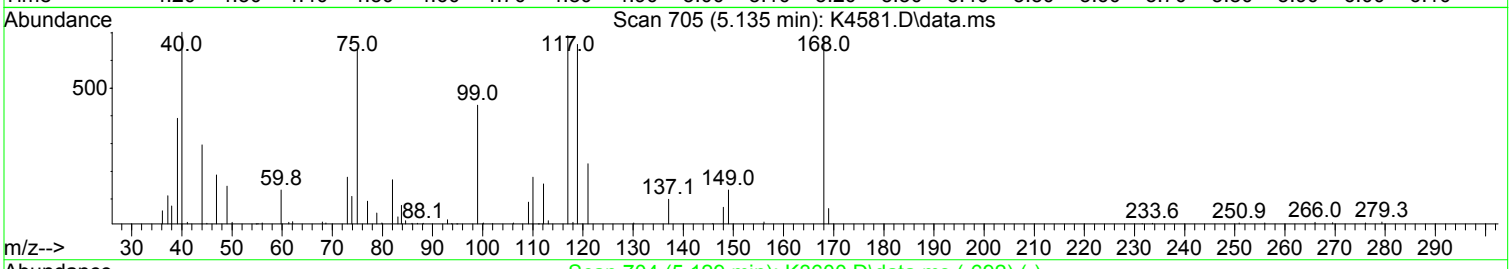
07/31/24

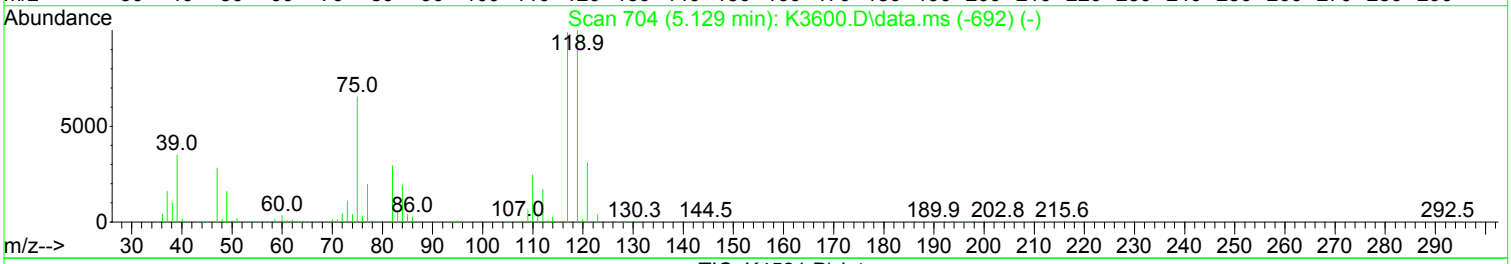
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(45) Carbontetrachloride (P)

5.135min (+ 0.006) 0.43 ug/L

response 2070

Ion	Exp%	Act%
116.90	100.00	100.00
118.90	98.90	95.50
120.90	30.70	32.95
0.00	0.00	0.00

Manual Integration:

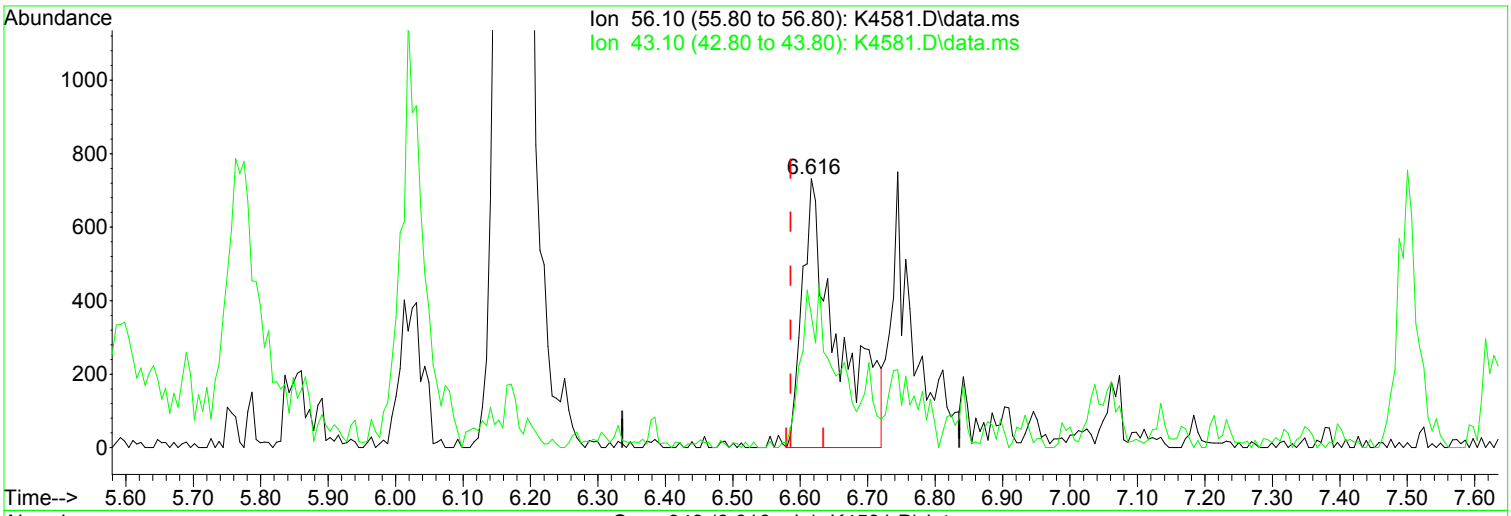
Before

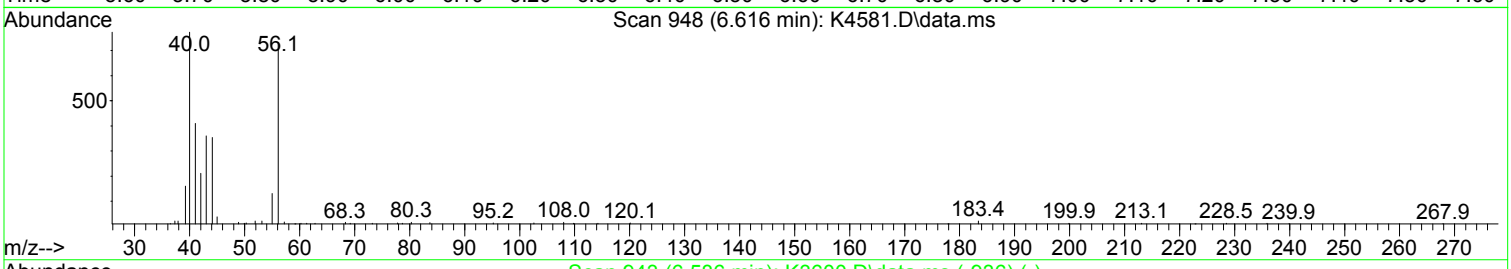
07/31/24

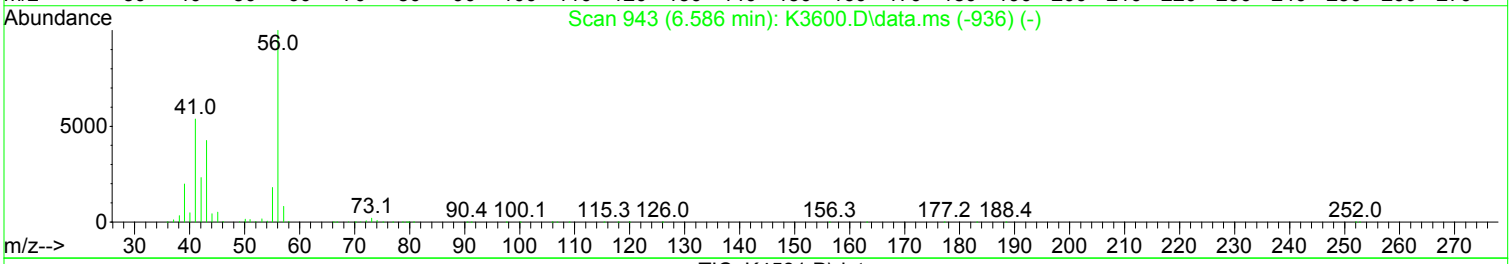
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(52) 1-Butanol

6.616min (+ 0.030) 12.98 ug/L m

response 2663

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	42.60	49.18
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

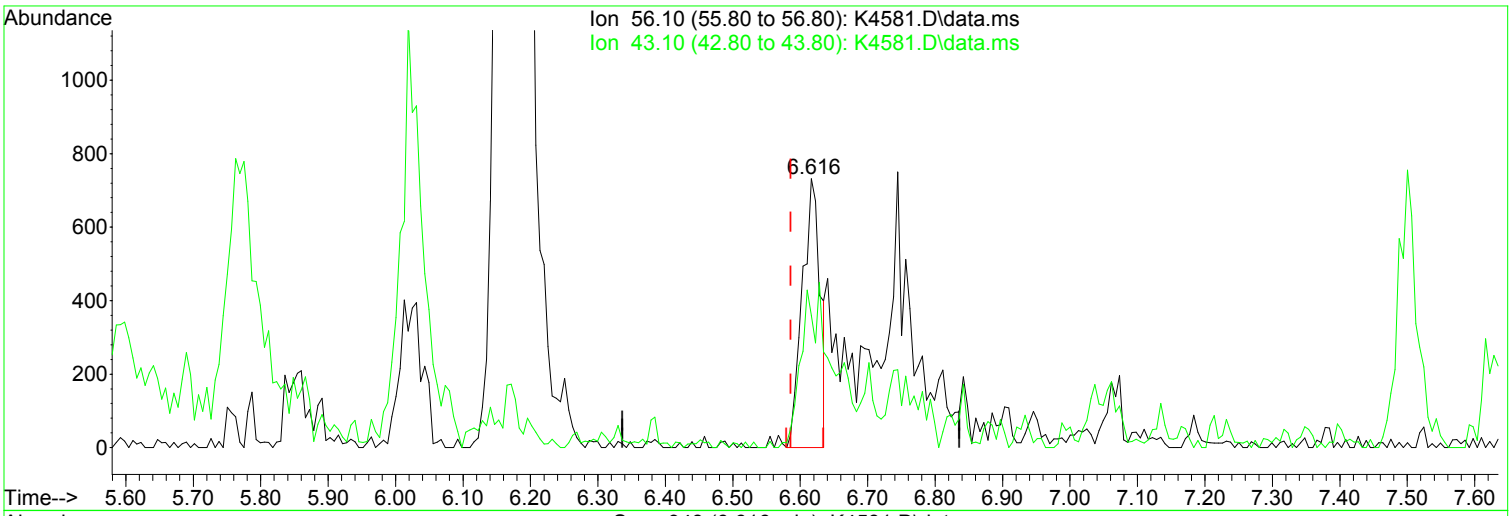
Poor integration.

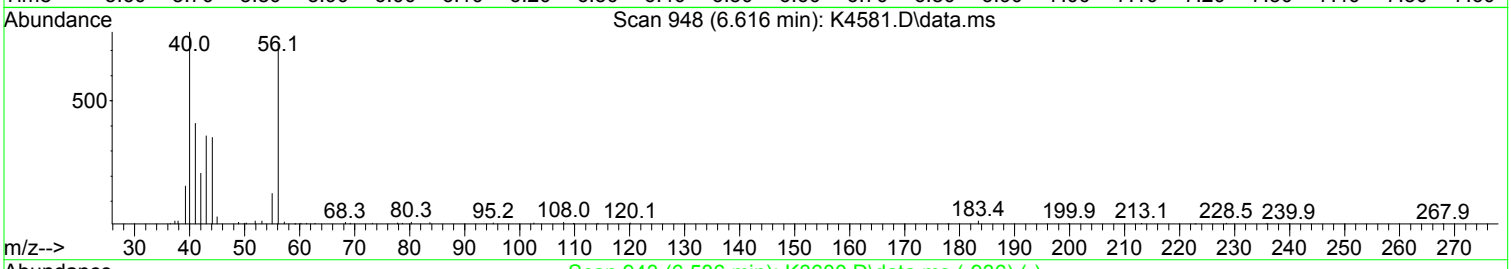
07/31/24

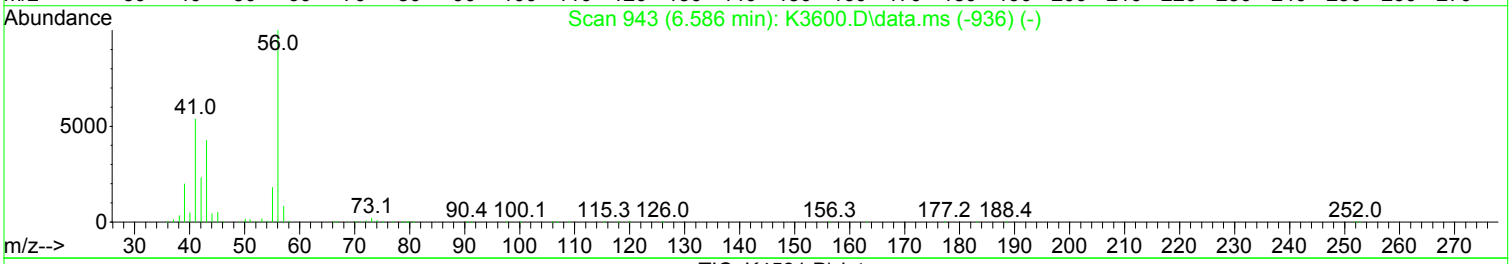
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(52) 1-Butanol

6.616min (+ 0.030) 6.58 ug/L

response 1351

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	42.60	49.18
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

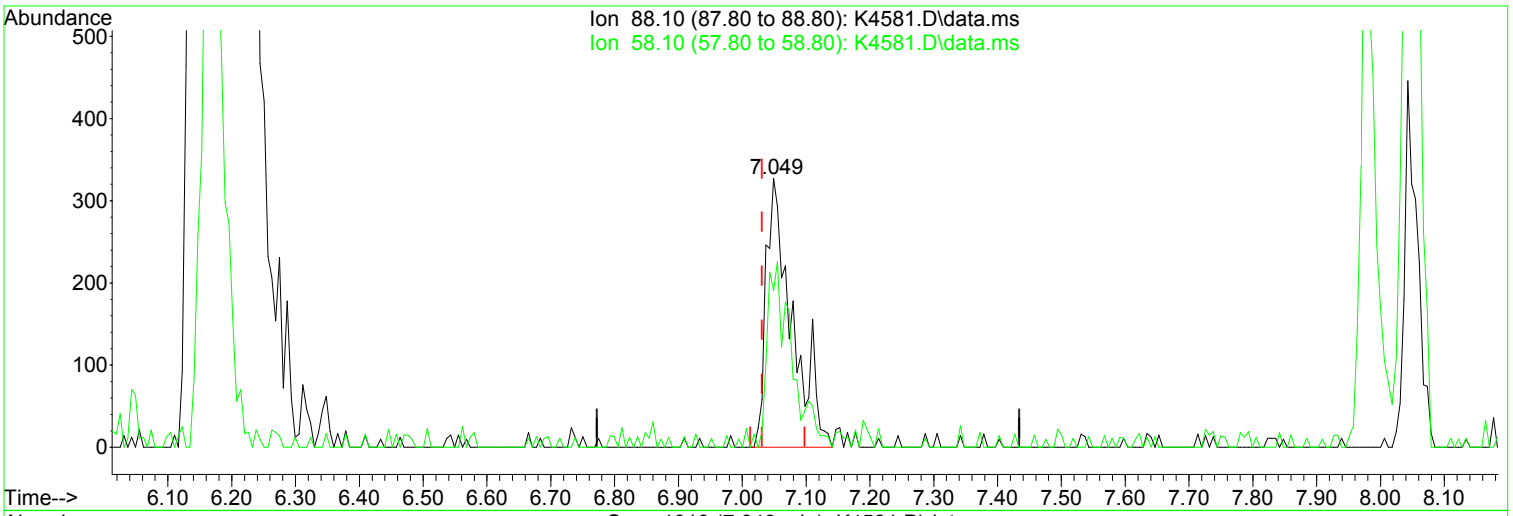
Before

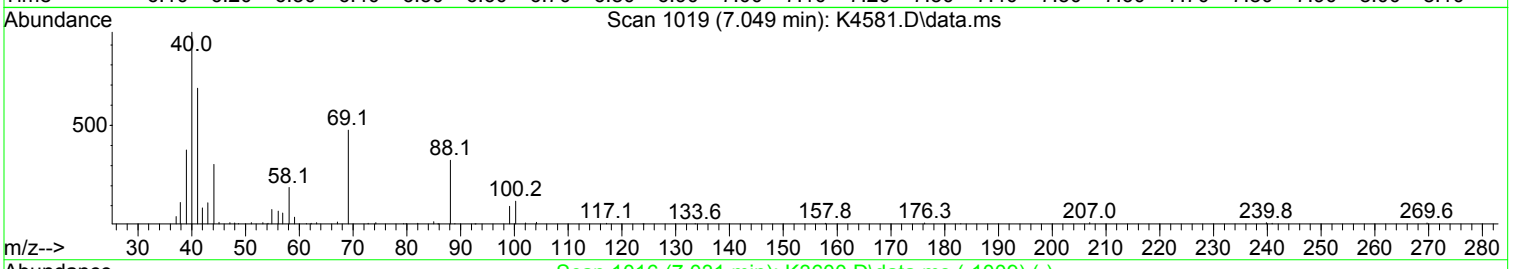
07/31/24

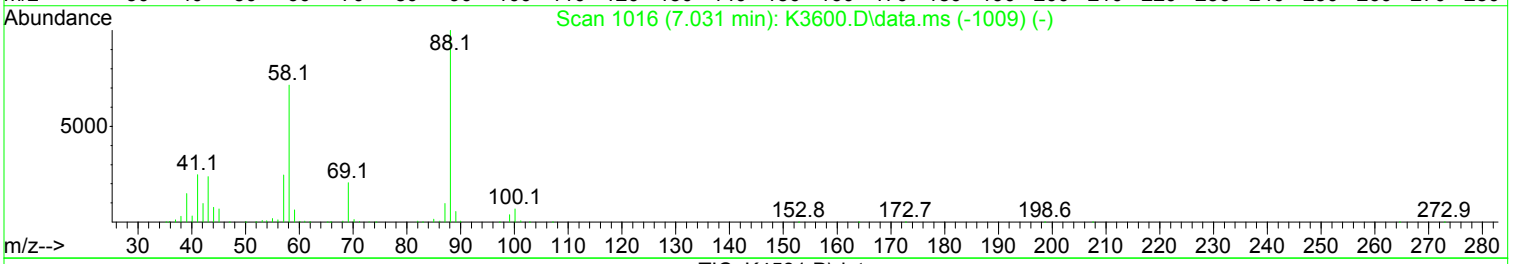
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(57) 1,4-Dioxane

7.049min (+ 0.018) 11.03 ug/L m

response 921

Ion	Exp%	Act%
88.10	100.00	100.00
58.10	71.50	58.41
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

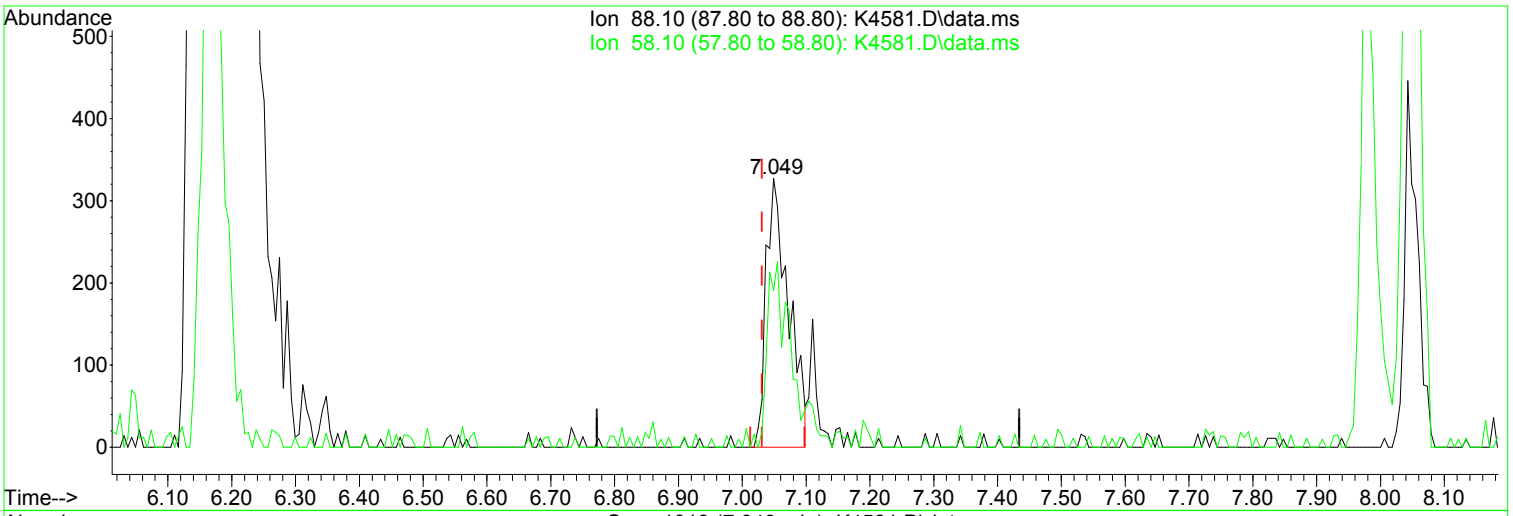
Poor integration.

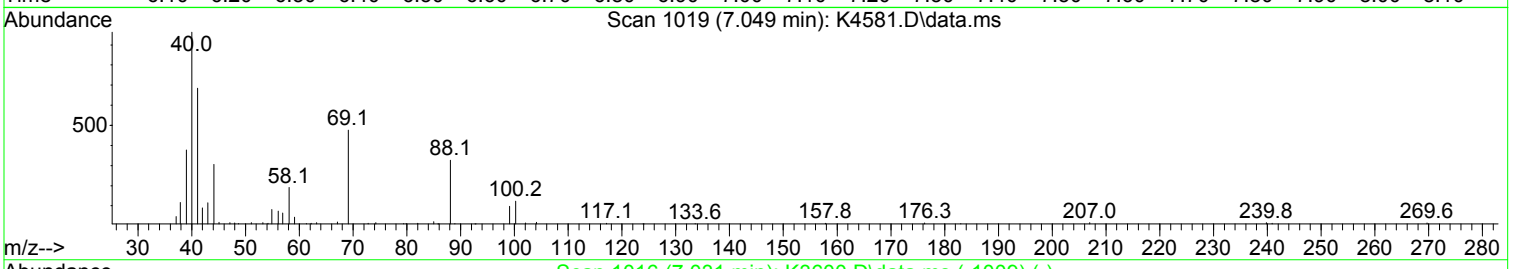
07/31/24

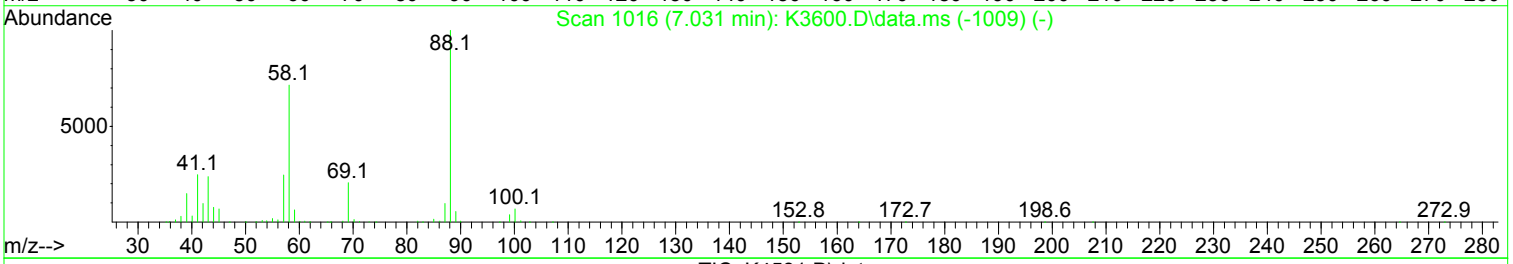
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(57) 1,4-Dioxane

7.049min (+ 0.018) 9.54 ug/L

response 797

Ion	Exp%	Act%
88.10	100.00	100.00
58.10	71.50	58.41
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

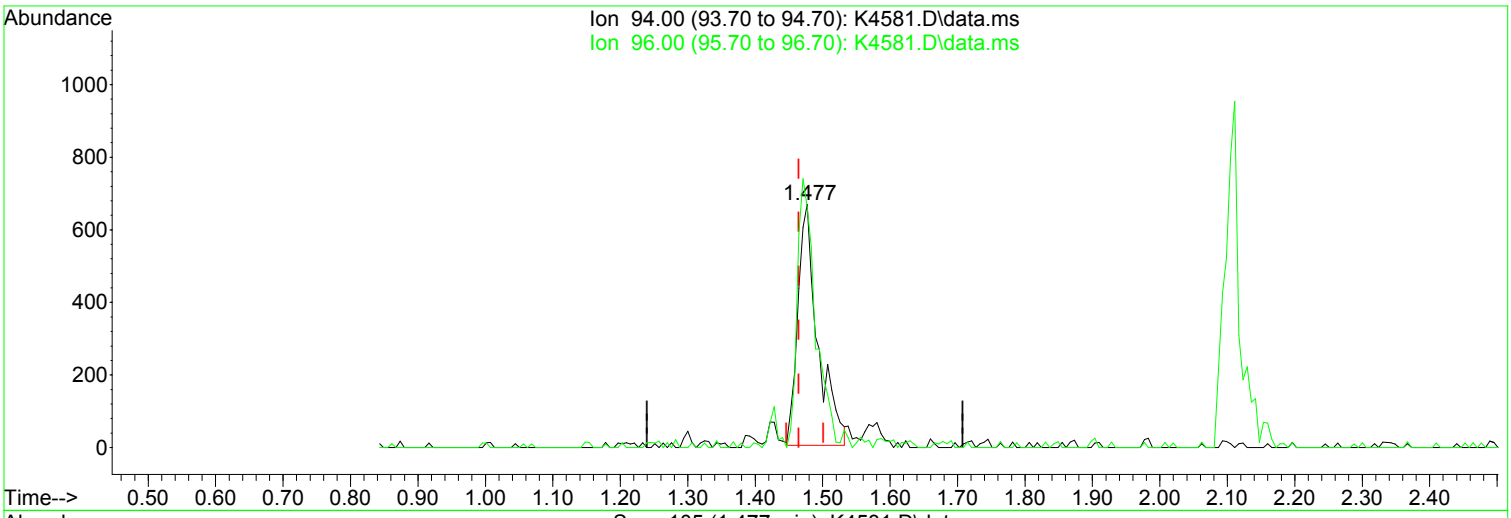
Before

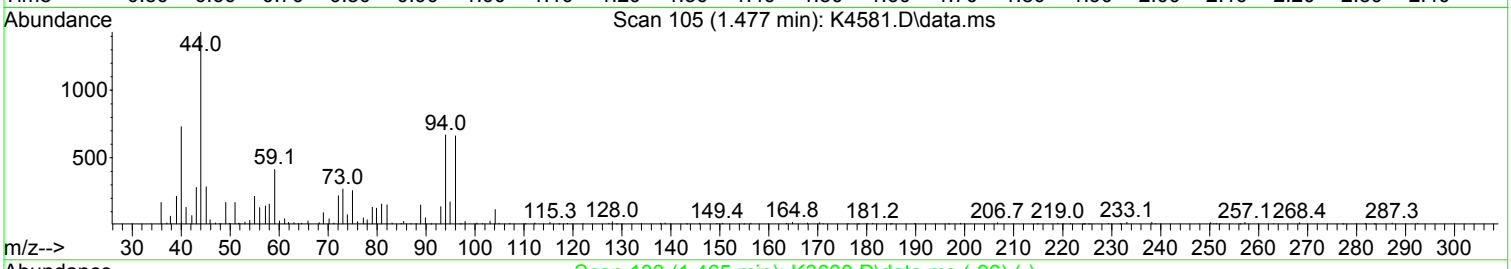
07/31/24

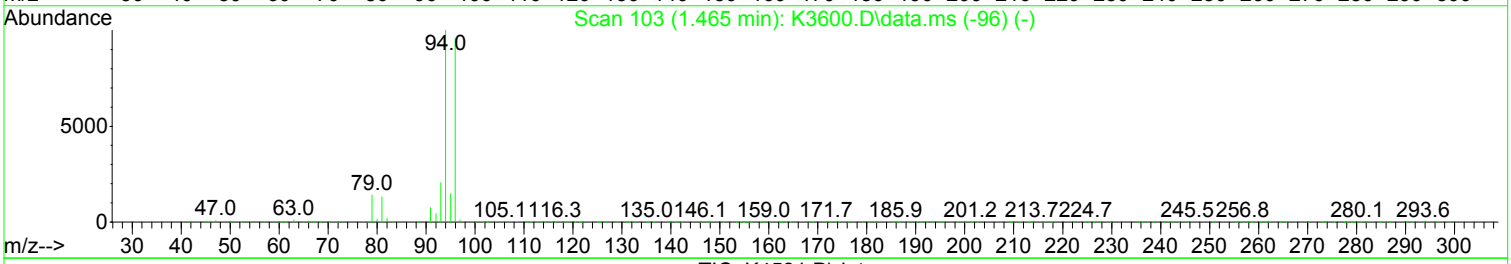
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(6) Bromomethane (P)

1.477min (+ 0.012) 0.69 ug/L m

response 1361

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	95.80	98.81
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

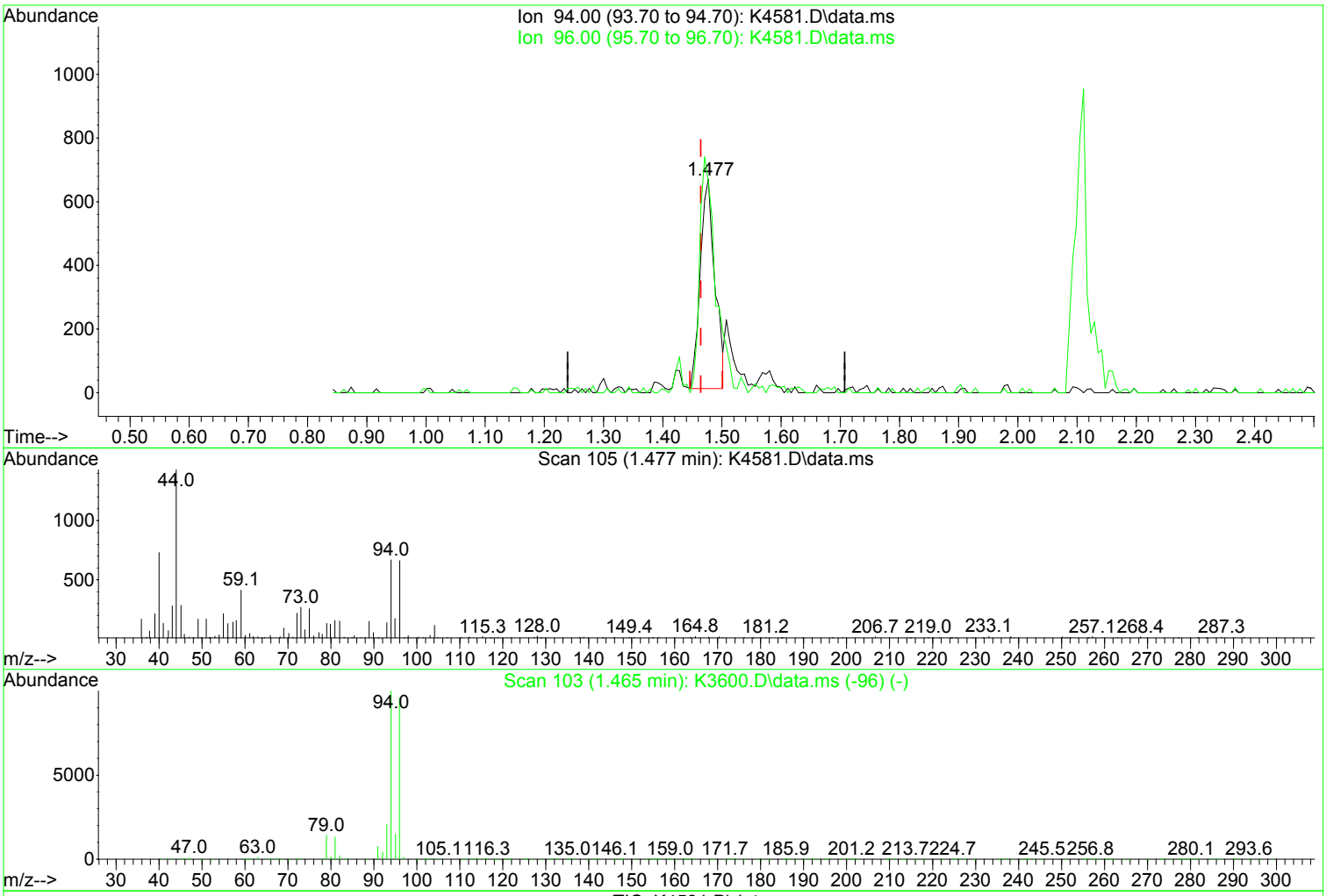
Split Peak.

07/31/24

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4581.D\data.ms

(6) Bromomethane (P)

1.477min (+ 0.012) 0.57 ug/L

response 1124

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	95.80	98.81
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

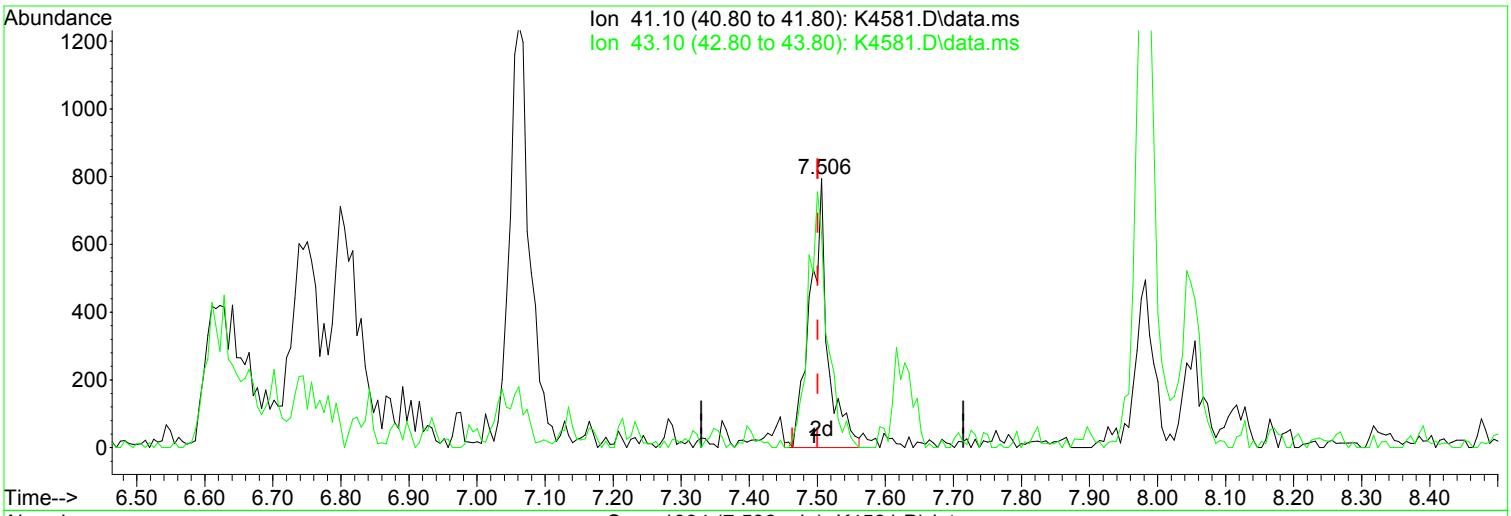
Before

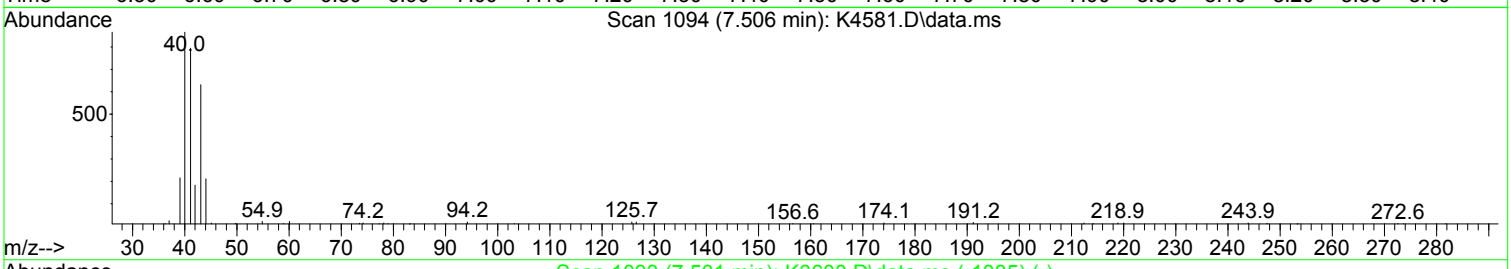
07/31/24

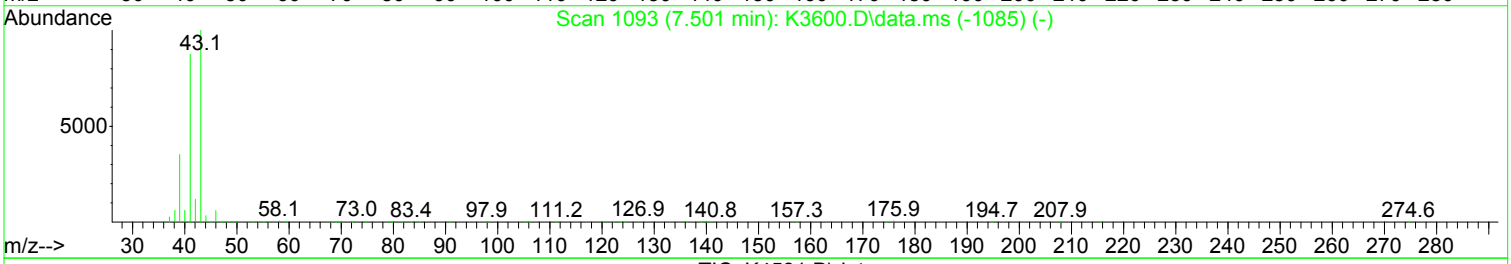
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(60) 2-Nitropropane

7.506min (+ 0.006) 0.85 ug/L m

response 1416

Ion	Exp%	Act%
41.10	100.00	100.00
43.10	114.10	79.47#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

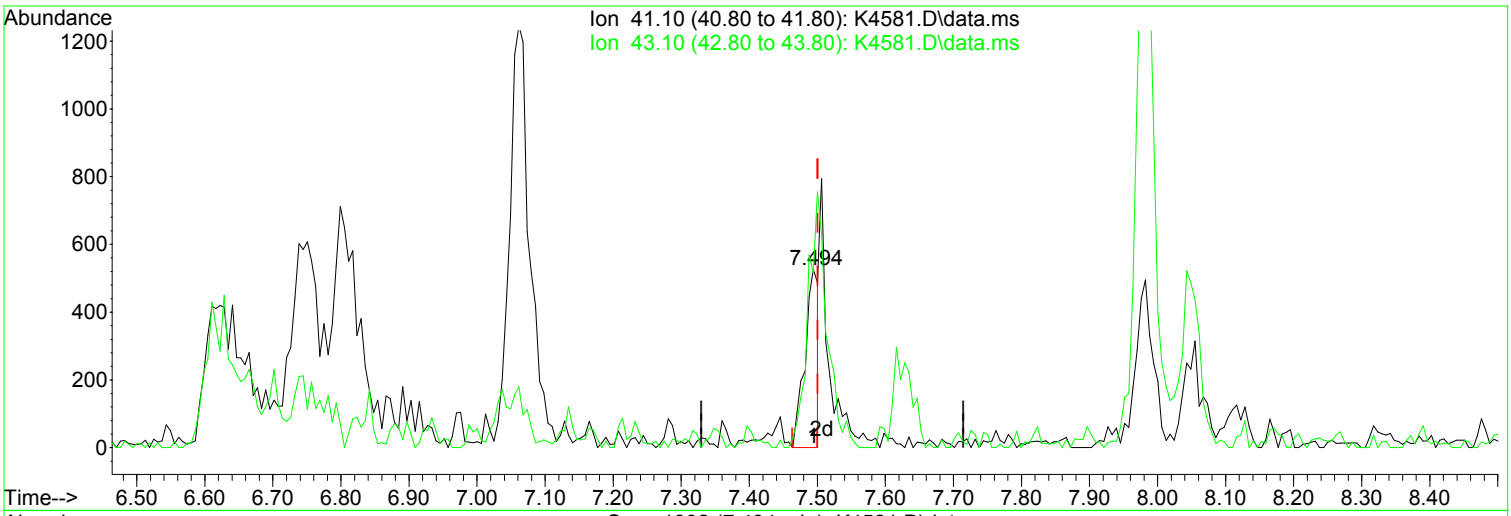
Split Peak.

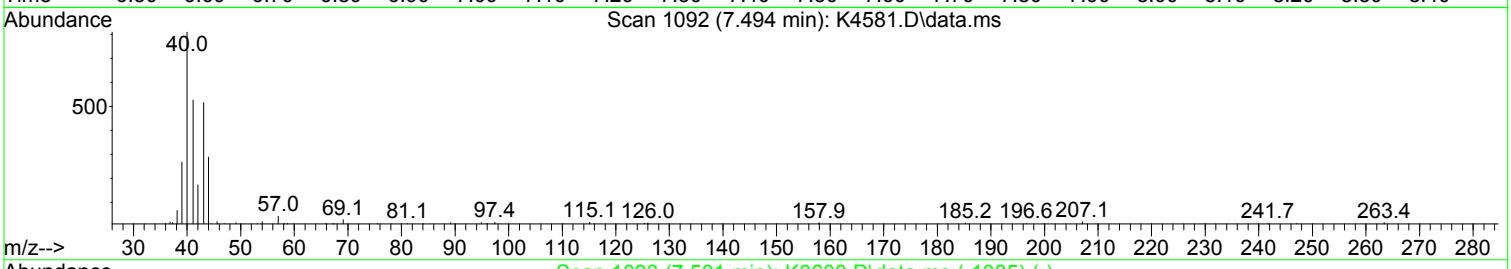
07/31/24

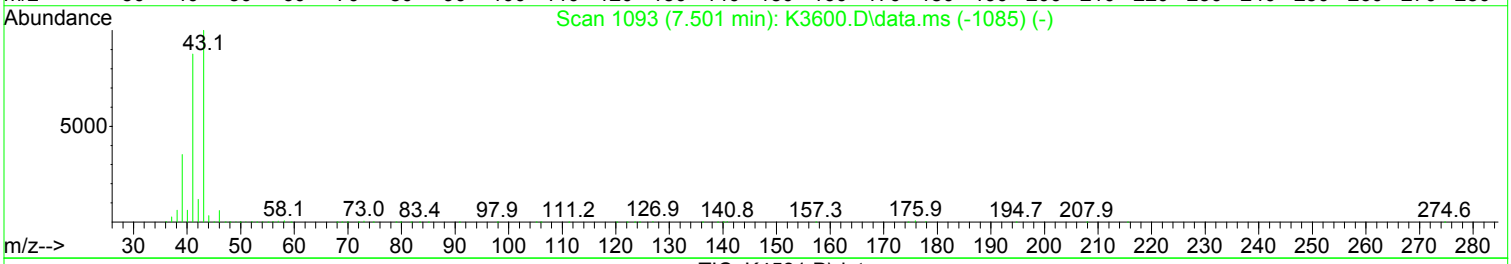
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(60) 2-Nitropropane

7.494min (-0.006) 0.44 ug/L

response 726

Ion	Exp%	Act%
41.10	100.00	100.00
43.10	114.10	97.91
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

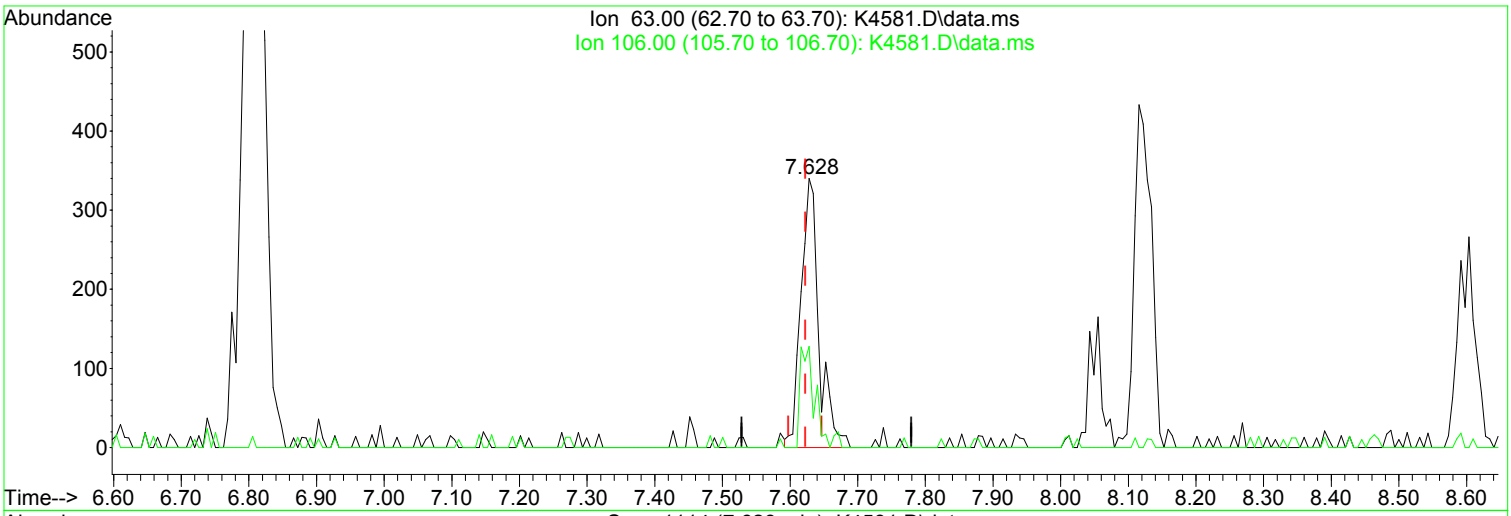
Before

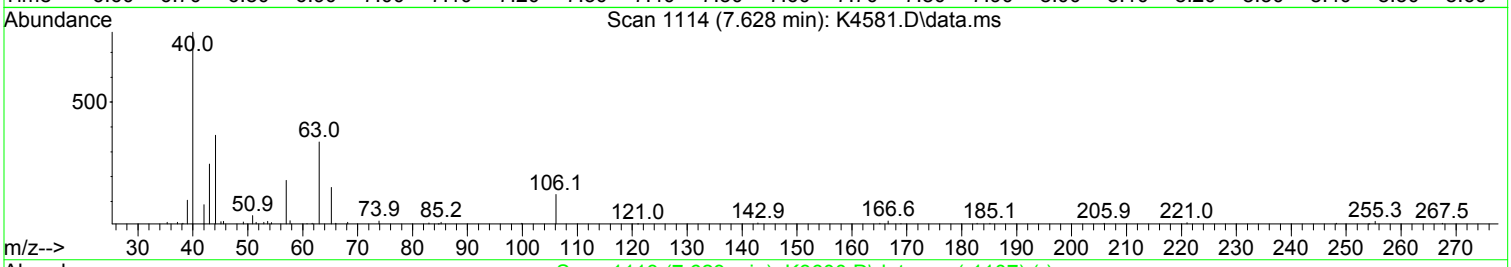
07/31/24

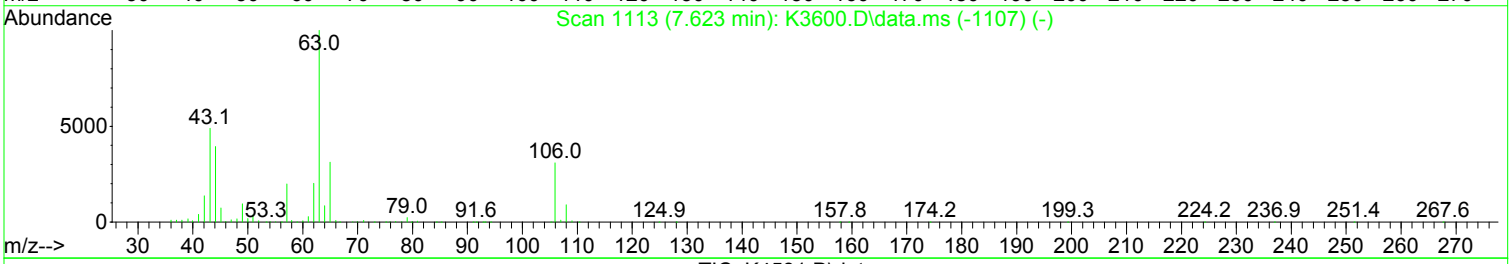
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(61) 2-Chloroethylvinyl Ether

7.628min (+ 0.006) 0.50 ug/L m

response 632

Ion	Exp%	Act%
63.00	100.00	100.00
106.00	30.70	37.65
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

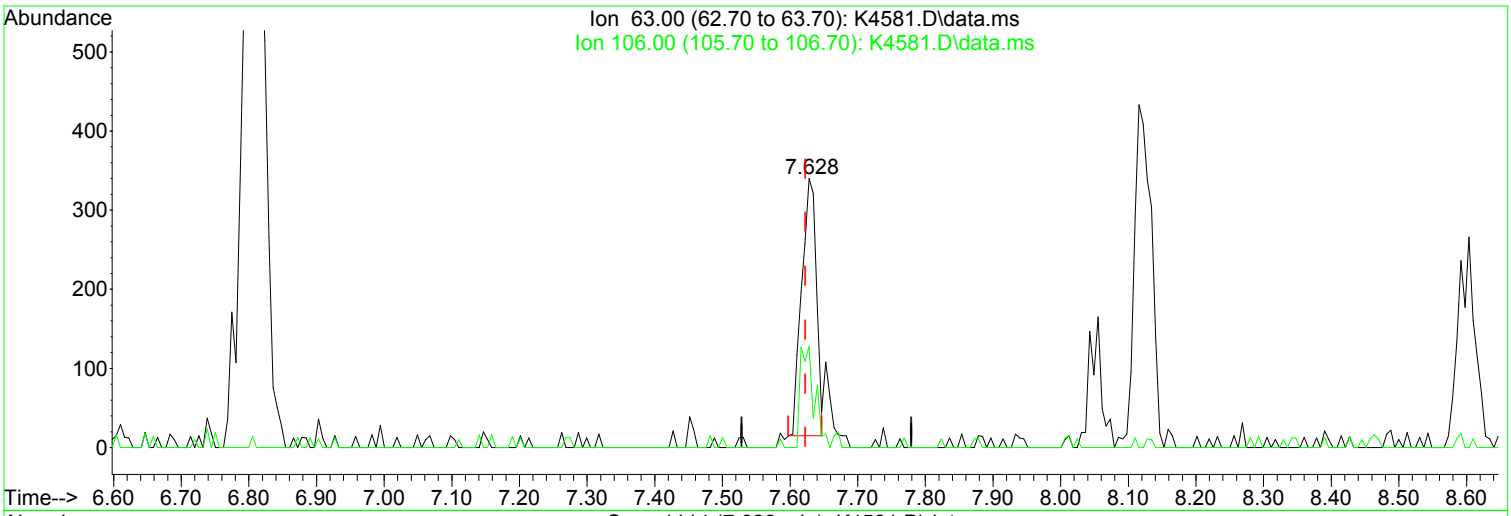
Poor integration.

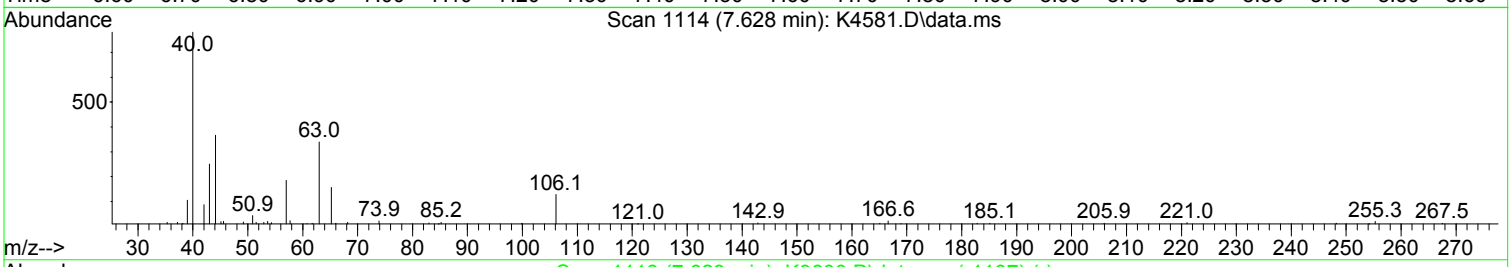
07/31/24

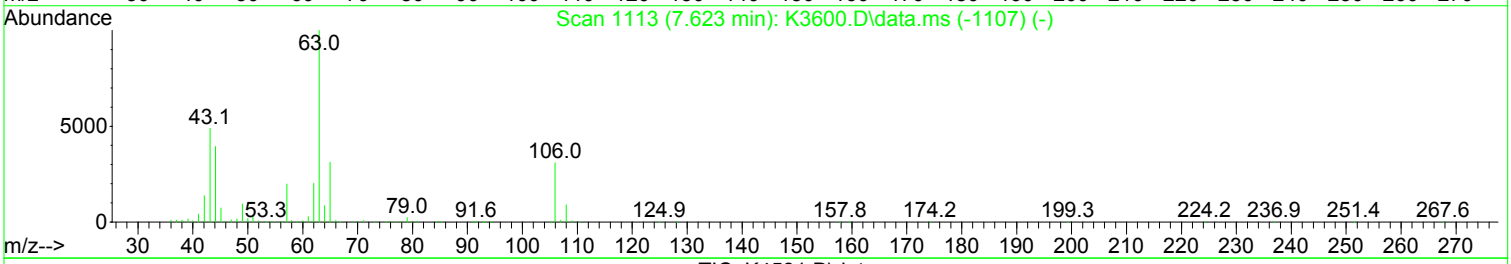
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(61) 2-Chloroethylvinyl Ether

7.628min (+ 0.006) 0.39 ug/L

response 494

Ion	Exp%	Act%
63.00	100.00	100.00
106.00	30.70	37.65
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

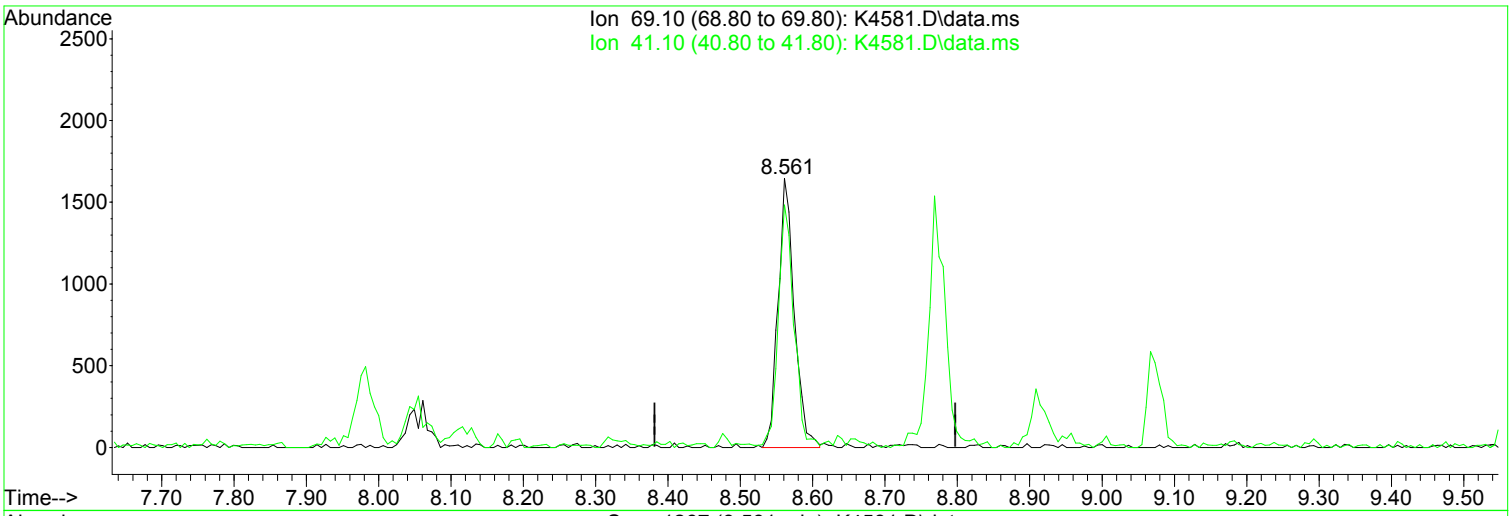
Before

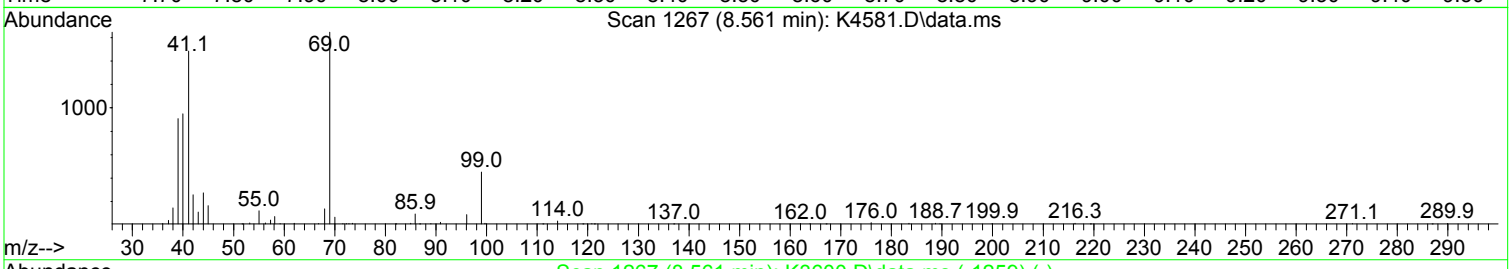
07/31/24

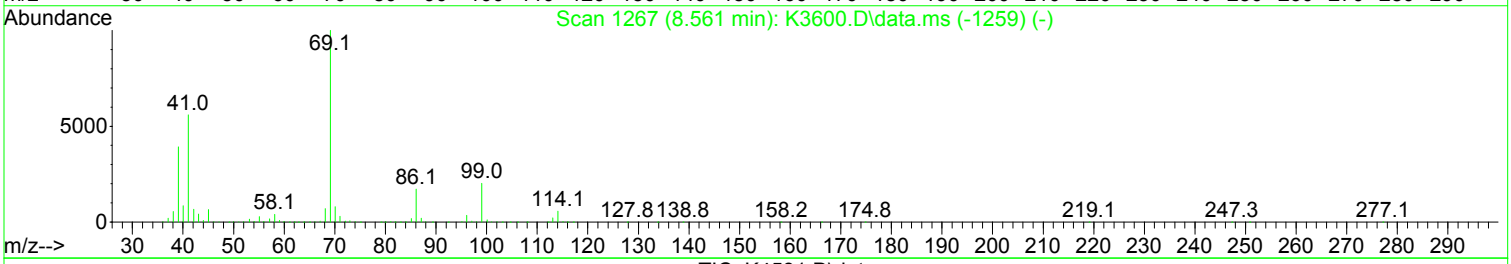
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(67) Ethyl Methacrylate

8.561min (-0.000) 0.45 ug/L m

response 2559

Ion	Exp%	Act%
69.10	100.00	100.00
41.10	55.90	90.15#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

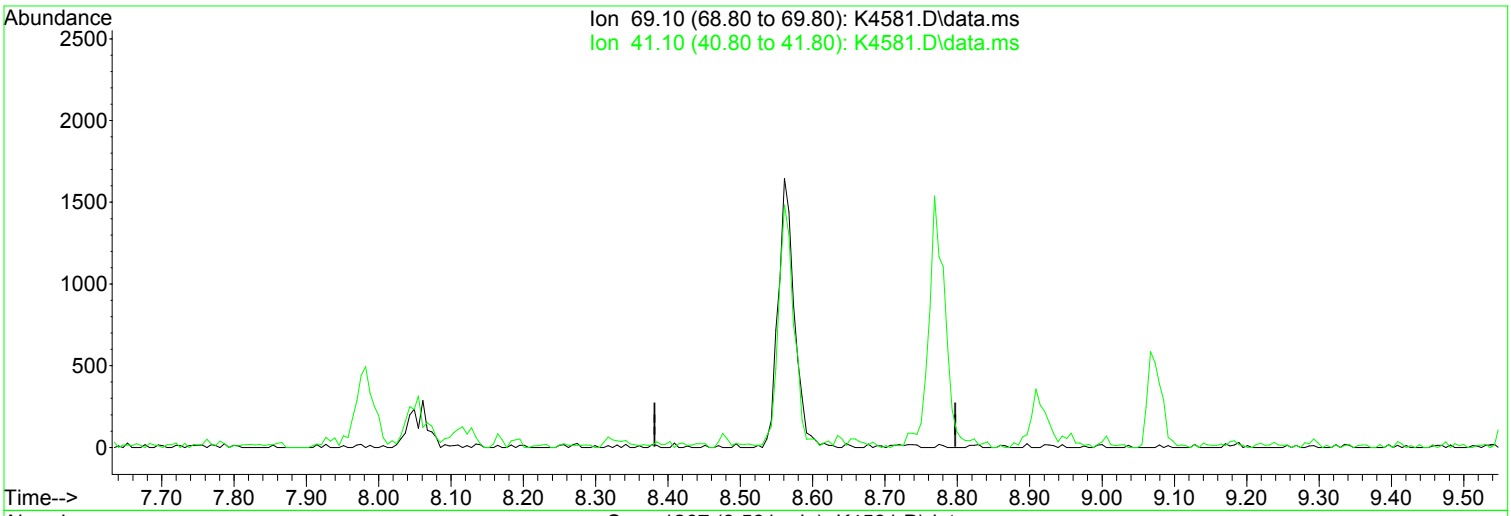
Peak not found.

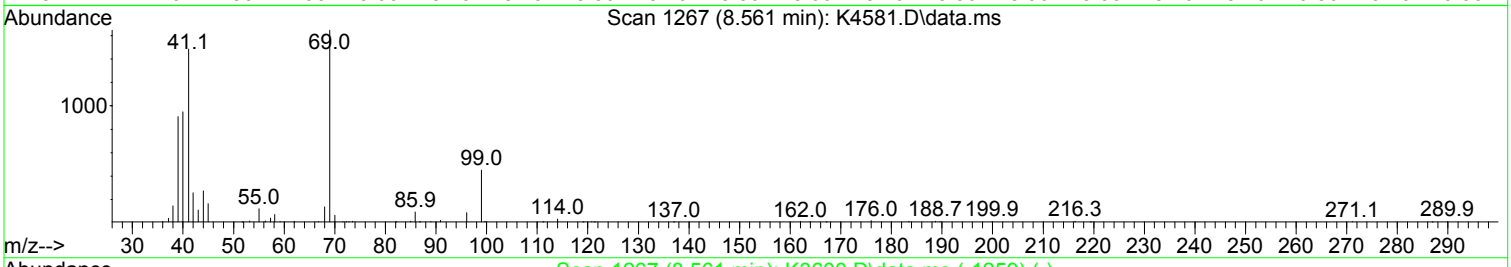
07/31/24

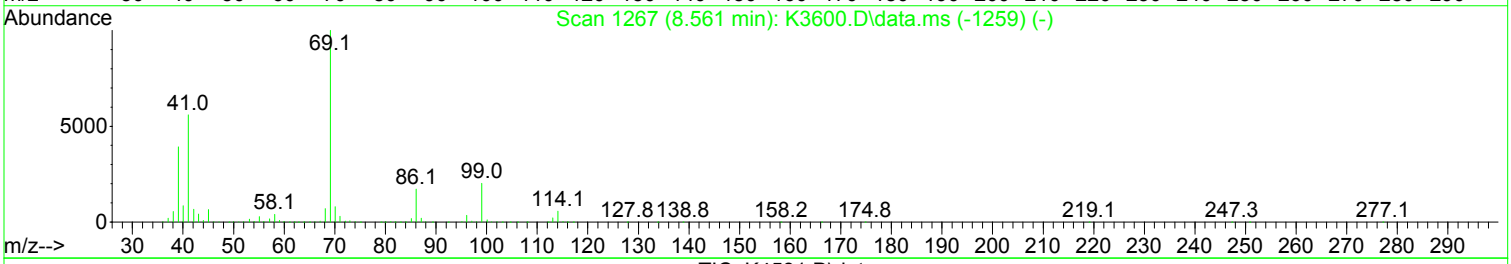
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(67) Ethyl Methacrylate

8.561min (-8.561) 0.00 ug/L

response 0

Ion	Exp%	Act%
69.10	100.00	0.00
41.10	55.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

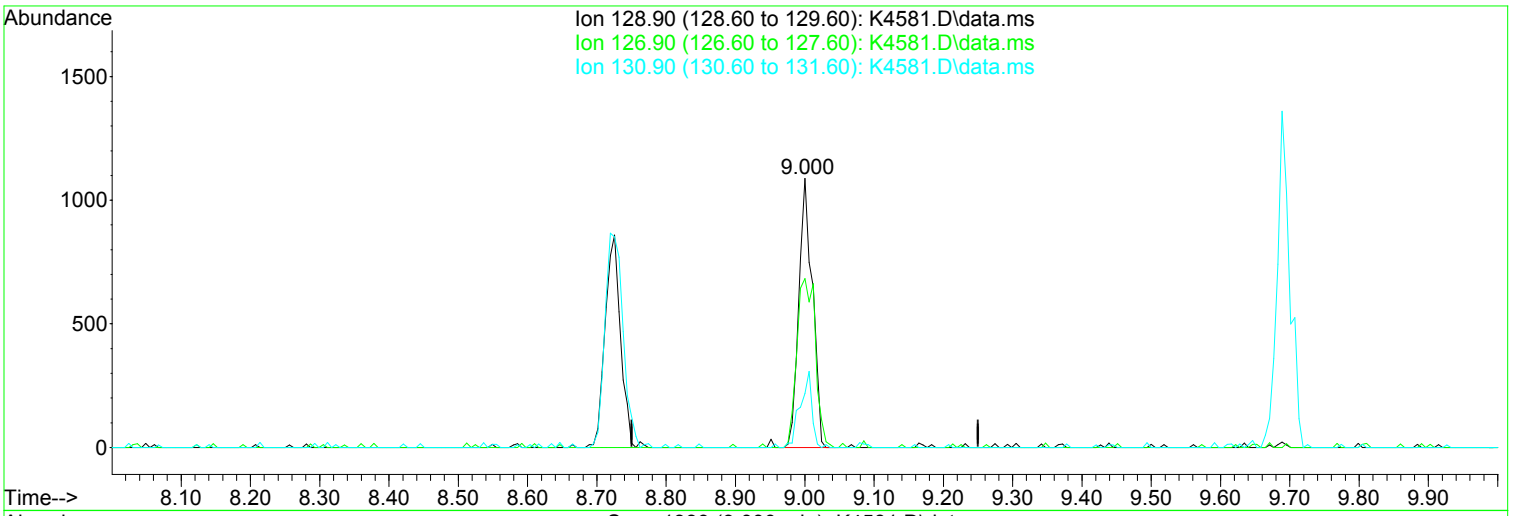
Before

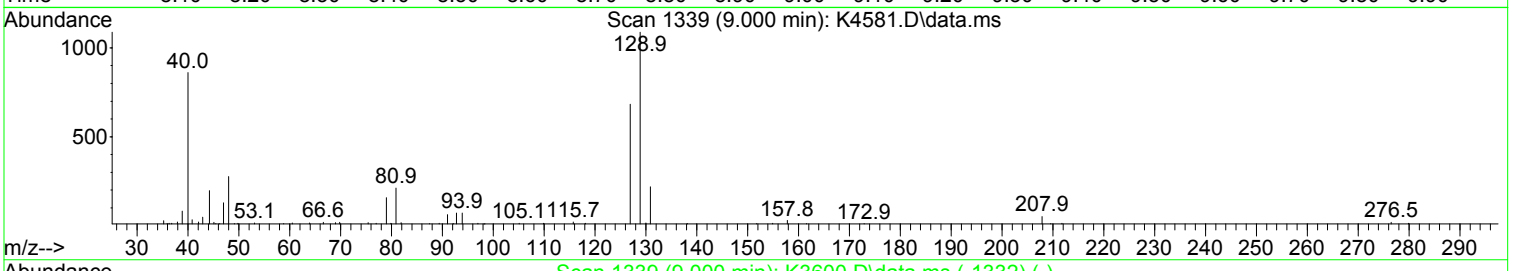
07/31/24

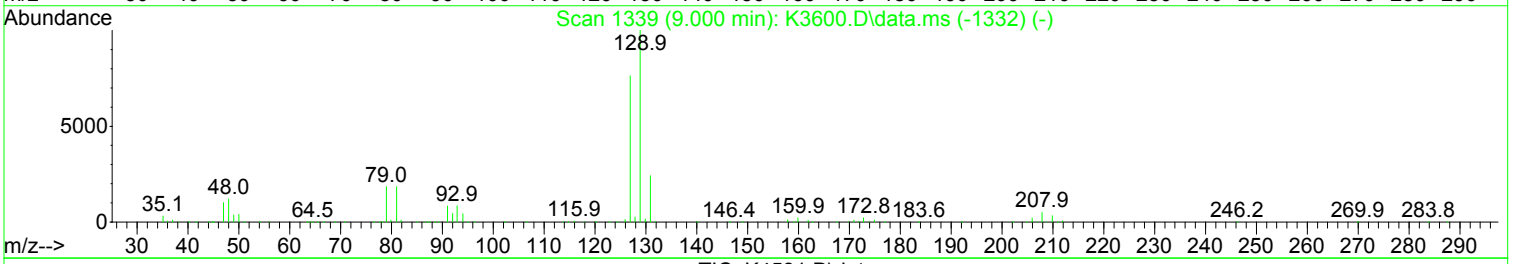
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4581.D\data.ms

(74) Dibromochloromethane (P)

9.000min (-0.000) 0.40 ug/L m

response 1486

Ion	Exp%	Act%
128.90	100.00	100.00
126.90	76.30	62.78
130.90	24.20	20.04
0.00	0.00	0.00

Manual Integration:

After

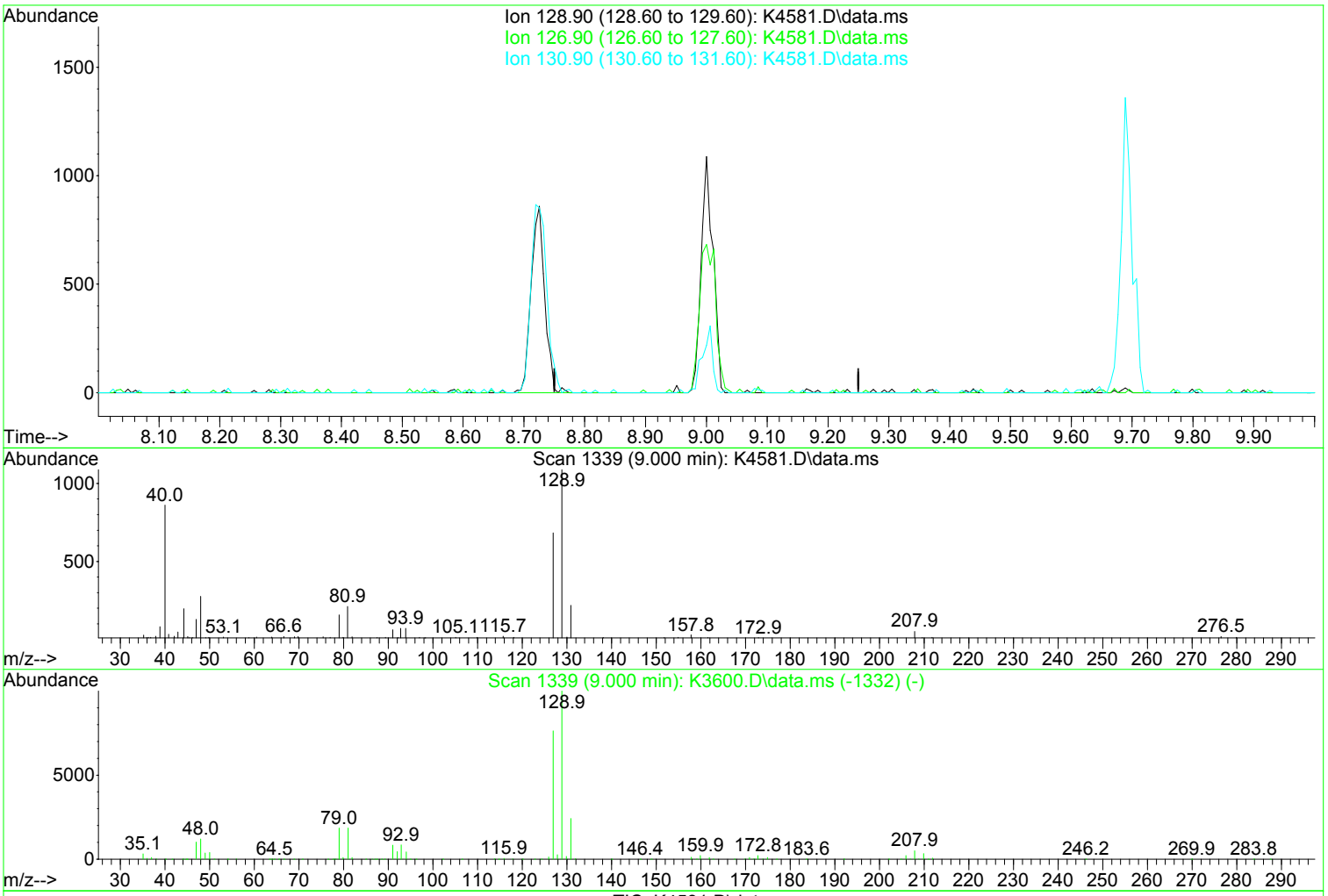
Peak not found.

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4581.D\data.ms

(74) Dibromochloromethane (P)

9.000min (-9.000) 0.00 ug/L

response 0

Ion	Exp%	Act%
128.90	100.00	0.00
126.90	76.30	0.00#
130.90	24.20	0.00#
0.00	0.00	0.00

Manual Integration:

Before

07/31/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	364008	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.171	114	609855	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	527319	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	230648	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.824	113	38697	10.17	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 20.34%#				
47) surr1,1,2-dichloroetha...	5.415	65	57248	11.01	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 22.02%#				
64) SURR3,Toluene-d8	8.049	98	152784	10.94	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 21.88%#				
69) SURR2,BFB	10.664	95	59829	10.90	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 21.80%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	2746	0.554	ug/L		90
3) Dichlorodifluoromethane	1.075	85	2286m	0.538	ug/L		
4) Chloromethane	1.203	50	2831	0.593	ug/L		68
5) Vinyl Chloride	1.258	62	2742	0.556	ug/L		97
6) Bromomethane	1.477	94	1361m	0.693	ug/L		
7) Chloroethane	1.538	64	1691	0.541	ug/L		99
8) Freon 21	1.678	67	3350	0.504	ug/L		93
9) Trichlorofluoromethane	1.715	101	2831	0.517	ug/L		86
10) Diethyl Ether	1.934	59	1708	0.433	ug/L	#	69
11) Freon 123a	1.940	67	1926	0.493	ug/L	#	68
12) Freon 123	1.983	83	2363	0.530	ug/L		83
13) Acrolein	2.032	56	1312	2.282	ug/L		92
14) 1,1-Diclethene	2.111	96	1491	0.483	ug/L	#	81
15) Freon 113	2.111	101	1594m	0.502	ug/L		
16) Acetone	2.154	43	2809	0.964	ug/L		78
17) 2-Propanol	2.288	45	4984	8.674	ug/L		93
18) Iodomethane	2.221	142	2216	0.461	ug/L		86
19) Carbon Disulfide	2.276	76	3494	0.460	ug/L		94
20) Acetonitrile/Allyl Chl...	2.410	41	4017	2.620	ug/L	#	72
21) Methyl Acetate	2.434	43	2618	0.515	ug/L		94
22) Methylene Chloride	2.519	84	4471	0.980	ug/L	#	73
23) TBA	2.654	59	9673	9.083	ug/L		93
24) Acrylonitrile	2.763	53	6258	2.353	ug/L		89
25) Methyl-t-Butyl Ether	2.806	73	5907m	0.505	ug/L		
26) trans-1,2-Dichloroethene	2.782	96	1630	0.482	ug/L	#	80
27) 1,1-Diclethane	3.251	63	3436	0.492	ug/L		90
28) Vinyl Acetate	3.342	86	266m	0.390	ug/L		
29) DIPE	3.367	45	6297m	0.511	ug/L		
30) 2-Chloro-1,3-Butadiene	3.355	53	3573	0.506	ug/L		78
31) ETBE	3.842	59	6267m	0.480	ug/L		
32) 2,2-Dichloropropane	4.001	77	1844m	0.420	ug/L		
33) cis-1,2-Dichloroethene	4.007	96	1983	0.511	ug/L	#	70
34) 2-Butanone	4.080	43	1603	0.461	ug/L		74
35) Propionitrile	4.166	54	2836	2.388	ug/L		97
36) Bromochloromethane	4.379	130	1229m	0.478	ug/L		
37) Methacrylonitrile	4.397	67	981m	0.443	ug/L		
38) Tetrahydrofuran	4.507	42	1111	0.501	ug/L		78
39) Chloroform	4.556	83	3699	0.570	ug/L		96
40) 1,1,1-Trichloroethane	4.824	97	2649m	0.509	ug/L		

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.769	73	4699	0.467	ug/L		85
43) Cyclohexane	4.915	41	1910m	0.532	ug/L		
45) Carbontetrachloride	5.135	117	2831m	0.584	ug/L		
46) 1,1-Dichloropropene	5.141	75	2444	0.546	ug/L		84
48) Benzene	5.507	78	6680	0.515	ug/L		85
49) 1,2-Dichloroethane	5.549	62	3486	0.536	ug/L		91
50) Iso-Butyl Alcohol	5.574	43	1526	4.873	ug/L		85
51) n-Heptane	6.019	43	2741	0.561	ug/L	#	65
52) 1-Butanol	6.616	56	2663m	12.976	ug/L		
53) Trichloroethene	6.507	130	1972	0.510	ug/L	#	84
54) Methylcyclohexane	6.750	55	2475	0.454	ug/L	#	75
55) 1,2-Diclpropane	6.805	63	1878	0.476	ug/L		99
56) Dibromomethane	6.958	93	1277	0.516	ug/L	#	84
57) 1,4-Dioxane	7.049	88	921m	11.029	ug/L		
58) Methyl Methacrylate	7.061	69	1609	0.488	ug/L	#	69
59) Bromodichloromethane	7.195	83	2300	0.494	ug/L		93
60) 2-Nitropropane	7.506	41	1416m	0.852	ug/L		
61) 2-Chloroethylvinyl Ether	7.628	63	632m	0.496	ug/L		
62) cis-1,3-Dichloropropene	7.756	75	2299	0.434	ug/L		94
63) 4-Methyl-2-pentanone	7.982	43	2959	0.478	ug/L		79
65) Toluene	8.122	91	8253	0.557	ug/L		90
66) trans-1,3-Dichloropropene	8.409	75	2475	0.486	ug/L		97
67) Ethyl Methacrylate	8.561	69	2559m	0.449	ug/L		
68) 1,1,2-Trichloroethane	8.604	97	1797	0.504	ug/L		83
71) Tetrachloroethene	8.726	164	1384	0.532	ug/L		92
72) 2-Hexanone	8.915	43	1988	0.428	ug/L		87
73) 1,3-Dichloropropane	8.768	76	3018	0.530	ug/L	#	71
74) Dibromochloromethane	9.000	129	1486m	0.405	ug/L		
75) N-Butyl Acetate	9.073	43	4411	0.495	ug/L		85
76) 1,2-Dibromoethane	9.098	107	1783	0.474	ug/L		91
77) 3-Chlorobenzotrifluoride	9.628	180	2228	0.520	ug/L	#	86
78) Chlorobenzene	9.597	112	5799	0.587	ug/L		91
79) 4-Chlorobenzotrifluoride	9.689	180	2061	0.519	ug/L		92
80) 1,1,1,2-Tetrachloroethane	9.689	131	1753	0.492	ug/L		89
81) Ethylbenzene	9.725	106	2505	0.504	ug/L		92
82) (m+p)Xylene	9.841	106	6326	1.034	ug/L	#	82
83) o-Xylene	10.201	106	3417	0.561	ug/L	#	70
84) Styrene	10.213	104	4897	0.478	ug/L		94
85) Bromoform	10.366	173	747	0.360	ug/L		84
86) 2-Chlorobenzotrifluoride	10.457	180	2327	0.536	ug/L		93
87) Isopropylbenzene	10.542	105	7868	0.504	ug/L		96
88) Cyclohexanone	10.609	55	10096	8.751	ug/L		92
89) trans-1,4-Dichloro-2-B...	10.859	53	961	0.436	ug/L	#	64
91) 1,1,2,2-Tetrachloroethane	10.811	83	2543	0.527	ug/L		92
92) Bromobenzene	10.780	156	2096	0.570	ug/L		95
93) 1,2,3-Trichloropropane	10.835	110	822	0.470	ug/L		91
94) n-Propylbenzene	10.896	91	8835	0.529	ug/L		97
95) 2-Chlorotoluene	10.957	91	6277	0.597	ug/L		95
96) 3-Chlorotoluene	11.012	91	5875	0.552	ug/L		93
97) 4-Chlorotoluene	11.055	91	6951	0.575	ug/L		92
98) 1,3,5-Trimethylbenzene	11.055	105	6647	0.525	ug/L		96
99) tert-Butylbenzene	11.329	119	5677	0.525	ug/L		94
100) 1,2,4-Trimethylbenzene	11.365	105	6769	0.527	ug/L		95
101) 3,4-Dichlorobenzotrifl...	11.426	214	1580	0.567	ug/L	#	73
102) sec-Butylbenzene	11.512	105	7766	0.513	ug/L		95
103) p-Isopropyltoluene	11.634	119	7162	0.538	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

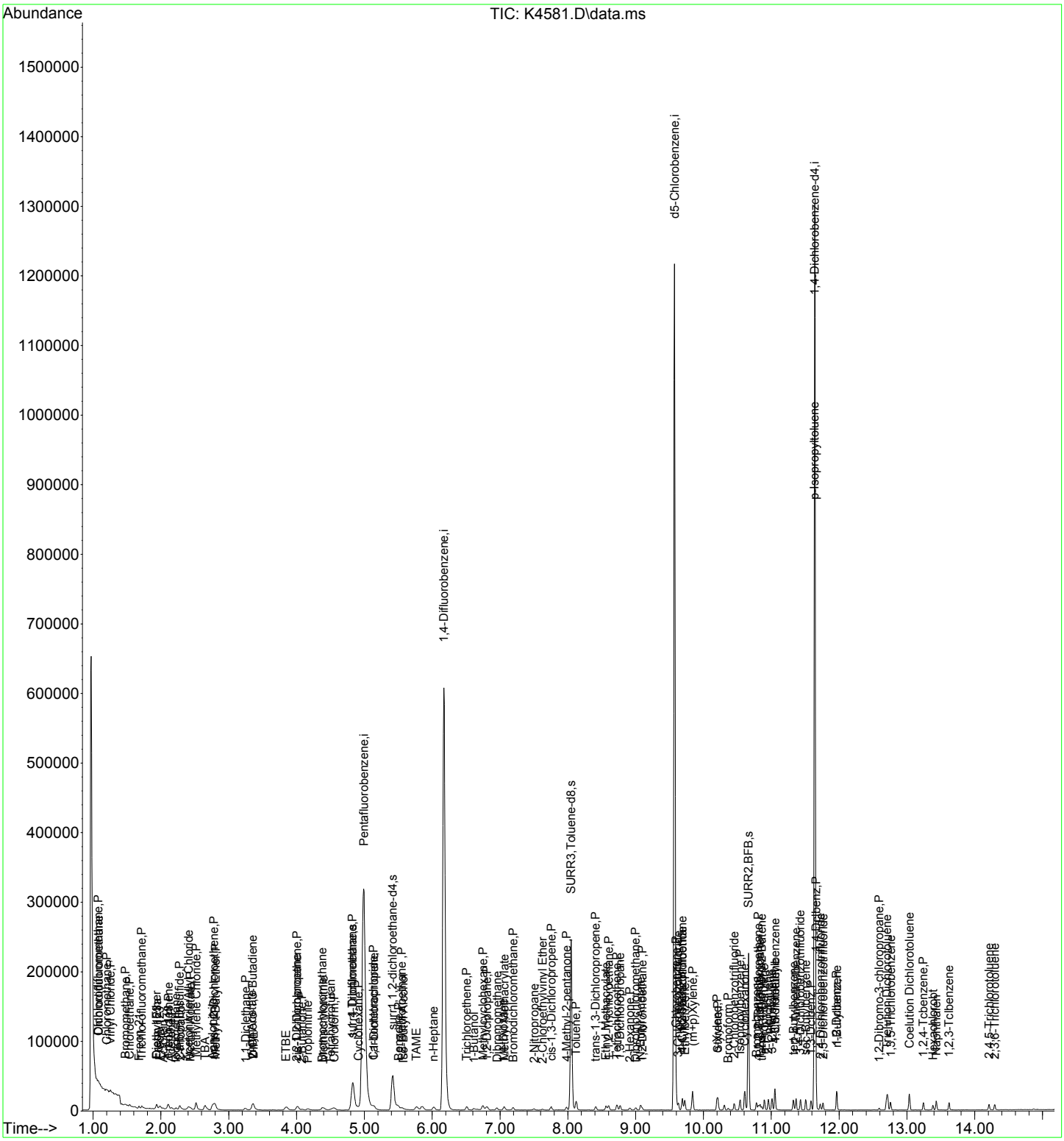
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
104) 1,3-Dclbenz	11.585	146	4015	0.570	ug/L		95
105) 1,4-Dclbenz	11.658	146	4338	0.610	ug/L		93
106) 2,4-Dichlorobenzotrifl...	11.725	214	1462	0.596	ug/L		81
107) 2,5-Dichlorobenzotrifl...	11.768	214	1511	0.552	ug/L		97
108) n-Butylbenzene	11.969	91	6045	0.522	ug/L		98
109) 1,2-Dclbenz	11.963	146	3617	0.520	ug/L		92
110) 1,2-Dibromo-3-chloropr...	12.591	157	368	0.320	ug/L	#	72
111) Trielution Dichlorotol...	12.707	125	10621	1.620	ug/L		87
112) 1,3,5-Trichlorobenzene	12.762	180	2511	0.552	ug/L		94
113) Coelution Dichlorotoluene	13.036	125	7371	1.045	ug/L		92
114) 1,2,4-Tcbenzene	13.243	180	2300	0.522	ug/L		91
115) Hexachlorobt	13.383	225	841	0.518	ug/L		91
116) Naphthalen	13.432	128	7616	0.457	ug/L		99
117) 1,2,3-Tclbenzene	13.621	180	2320	0.534	ug/L		96
118) 2,4,5-Trichlorotoluene	14.212	159	1896	0.548	ug/L		81
119) 2,3,6-Trichlorotoluene	14.298	159	1535	0.479	ug/L		85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4581.D
Acq On : 31 Jul 2024 03:35 pm
Operator : K.Ruest
Sample : 0.5ppb
Misc : 8260/624 ICAL
ALS Vial : 1 Sample Multiplier: 1

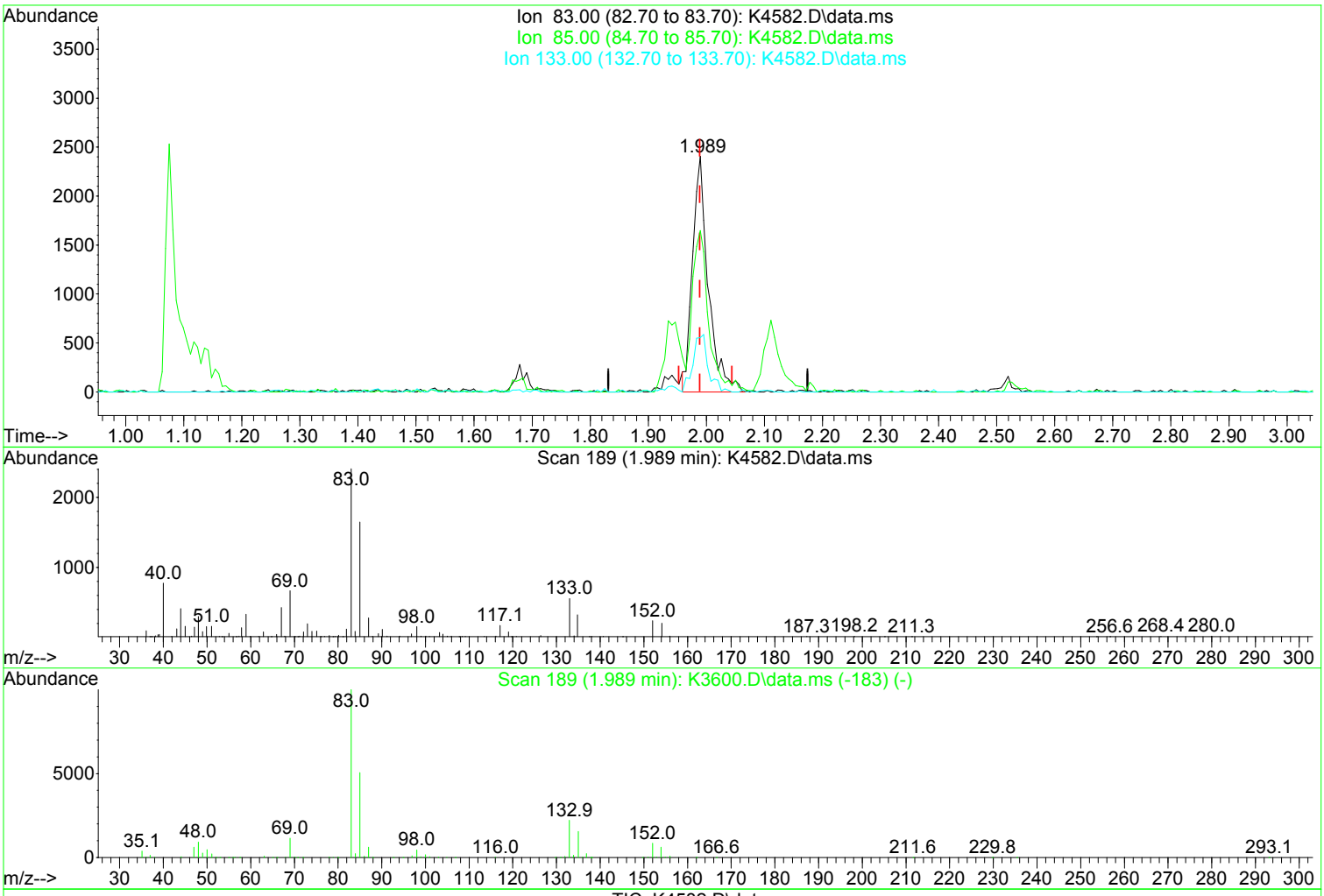
Quant Time: Jul 31 19:24:57 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(12) Freon 123

1.989min (-0.000) 1.03 ug/L m

response 4518

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	67.60	68.50
133.00	23.20	23.11
0.00	0.00	0.00

Manual Integration:

After

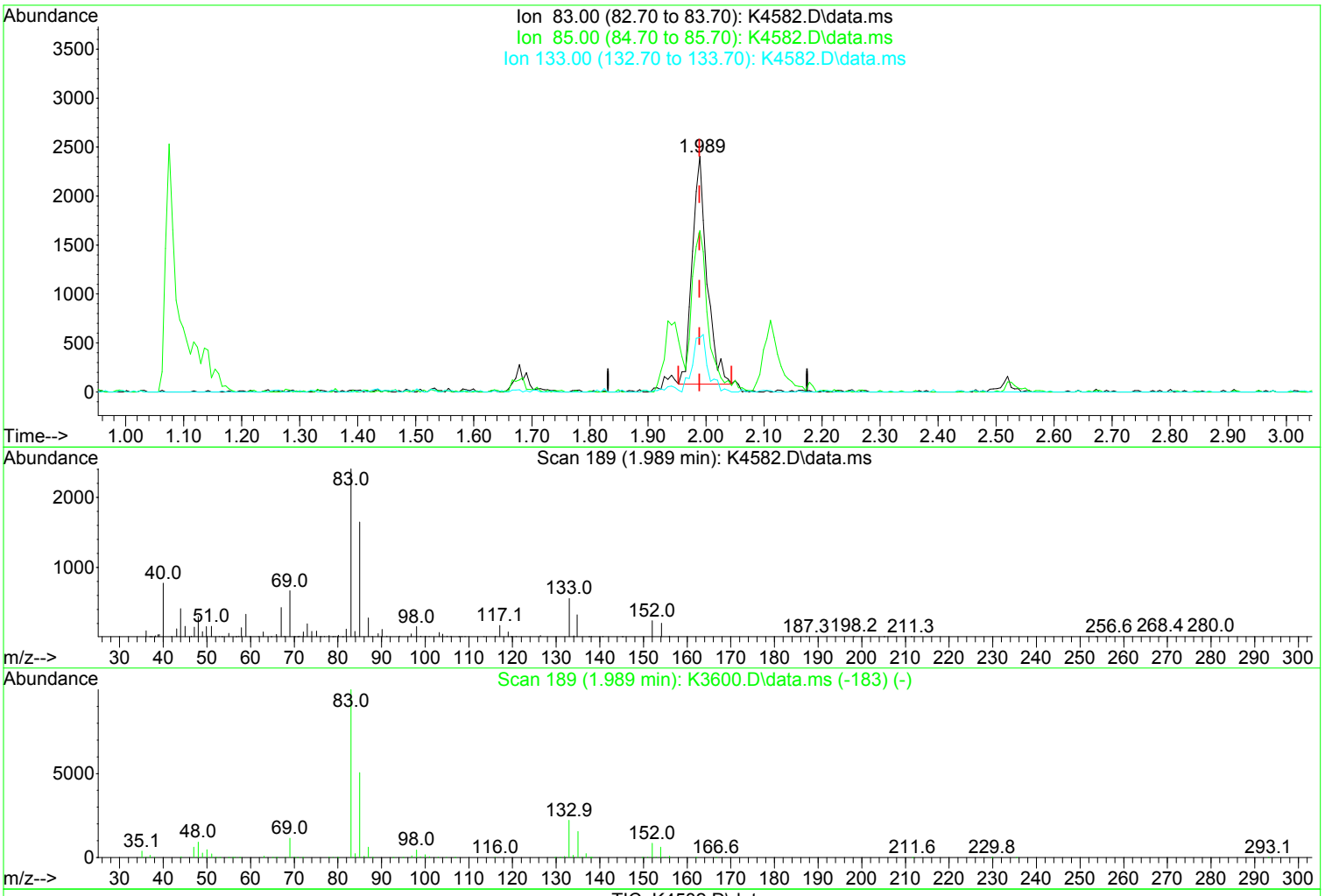
Poor integration.

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(12) Freon 123

1.989min (-0.000) 0.93 ug/L

response 4075

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	67.60	68.50
133.00	23.20	23.11
0.00	0.00	0.00

Manual Integration:

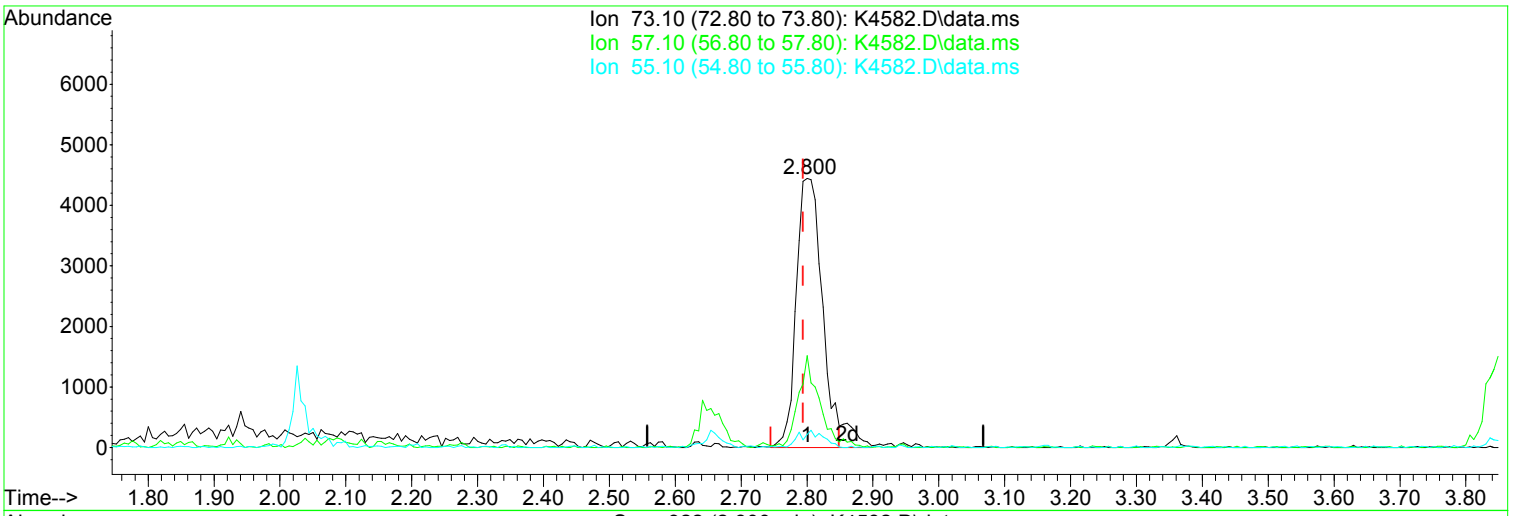
Before

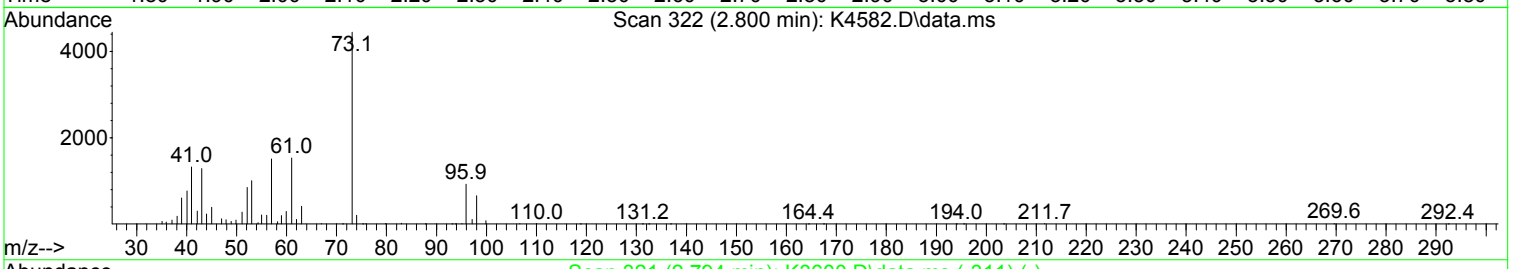
07/31/24

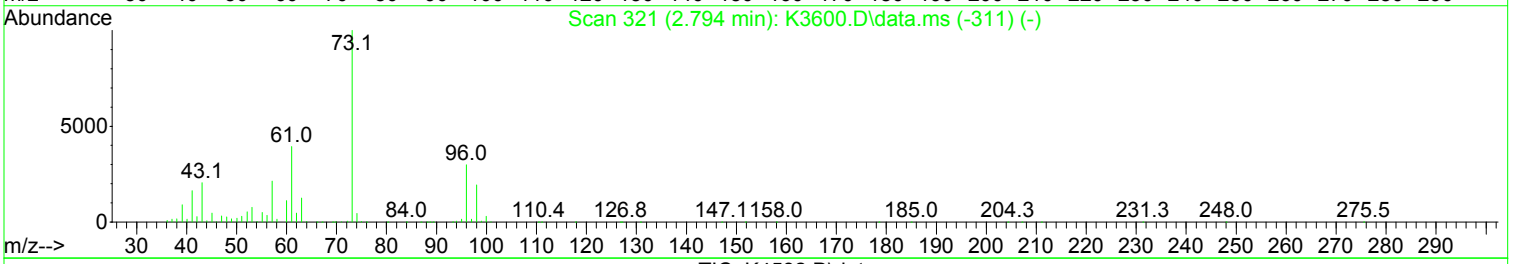
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(25) Methyl-t-Butyl Ether (P)

2.800min (+ 0.006) 1.10 ug/L m

response 12675

Ion	Exp%	Act%
73.10	100.00	100.00
57.10	21.60	34.11
55.10	5.10	4.86
0.00	0.00	0.00

Manual Integration:

After

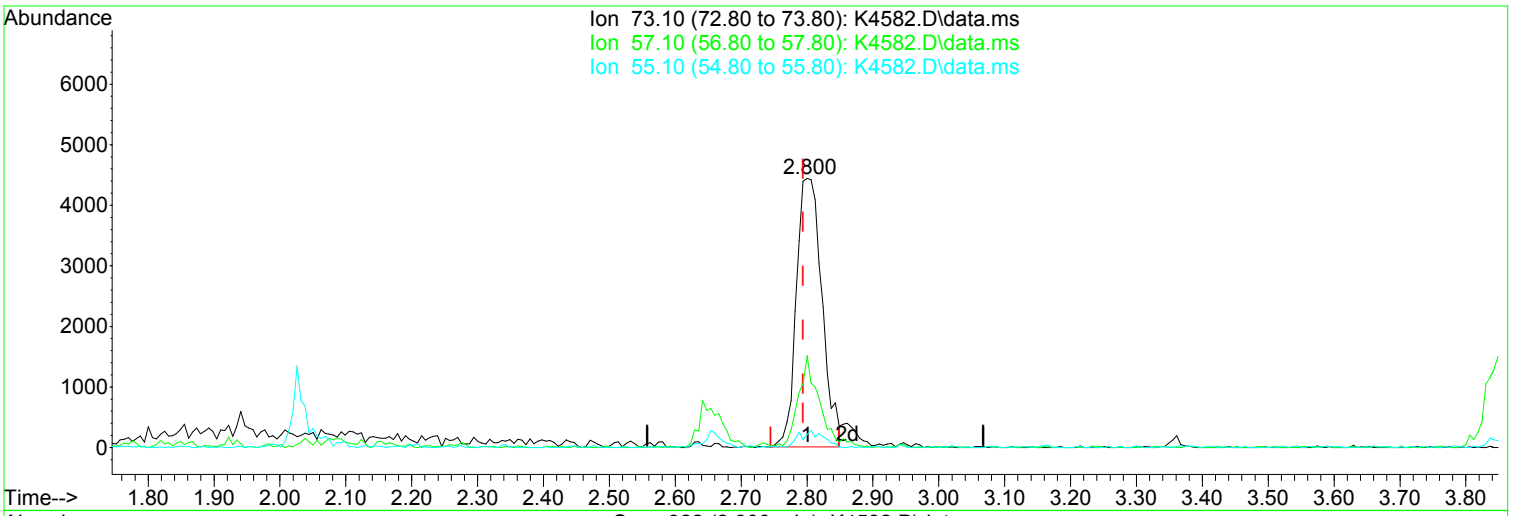
Poor integration.

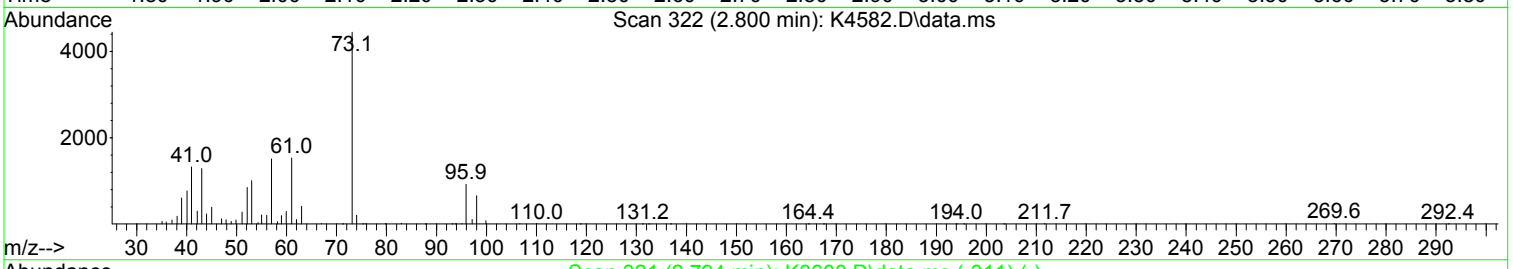
07/31/24

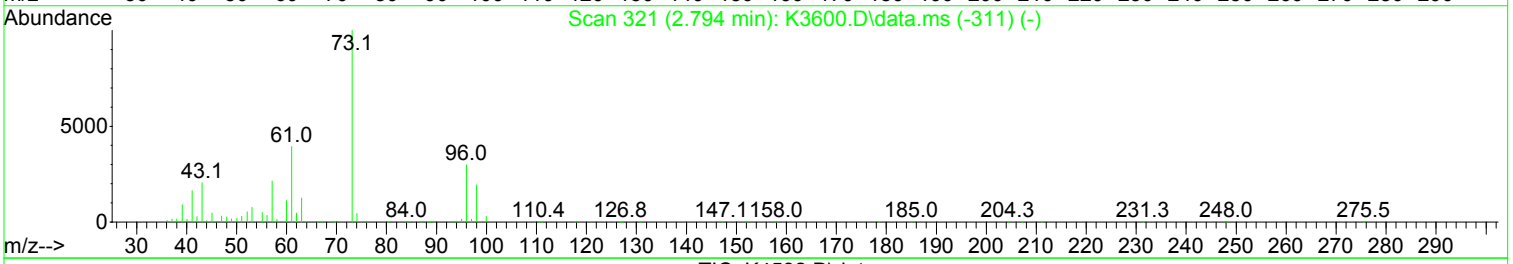
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(25) Methyl-t-Butyl Ether (P)

2.800min (+ 0.006) 1.04 ug/L

response 11956

Ion	Exp%	Act%
73.10	100.00	100.00
57.10	21.60	34.11
55.10	5.10	4.86
0.00	0.00	0.00

Manual Integration:

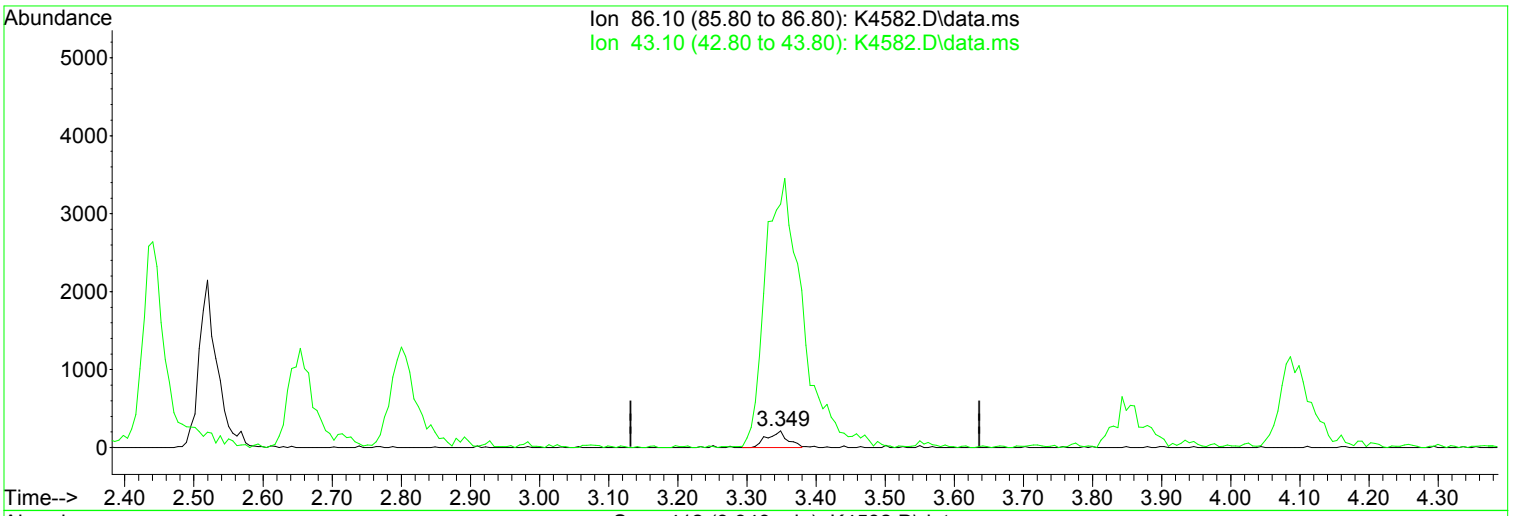
Before

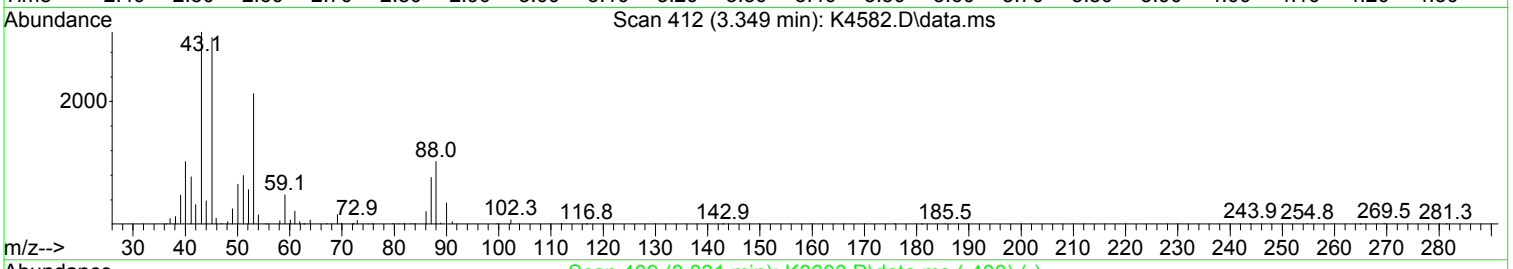
07/31/24

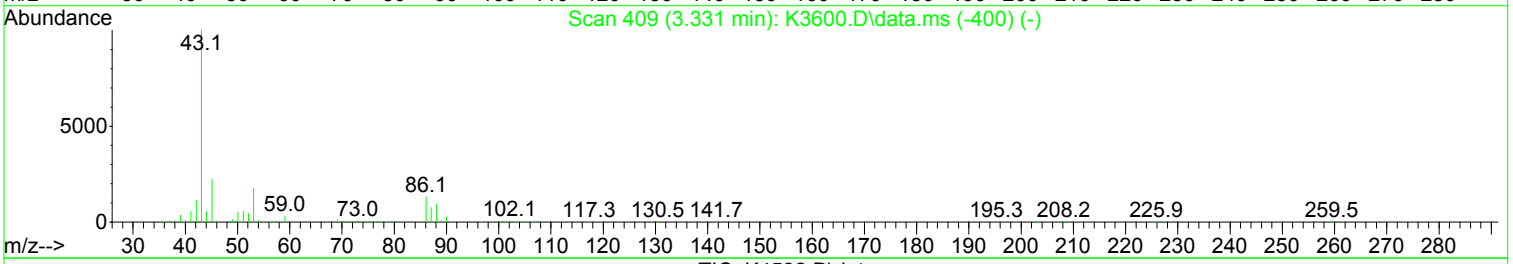
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(28) Vinyl Acetate

3.349min (+ 0.018) 0.65 ug/L m

response 439

Ion	Exp%	Act%
86.10	100.00	100.00
43.10	778.10	1467.61#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

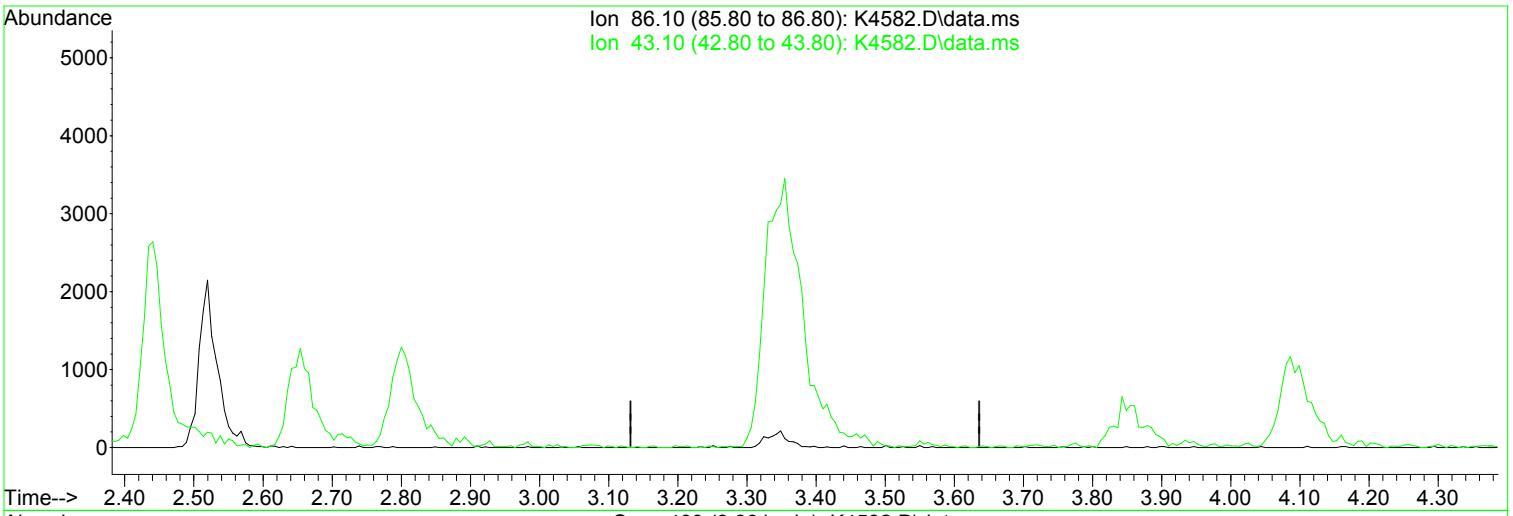
Poor integration.

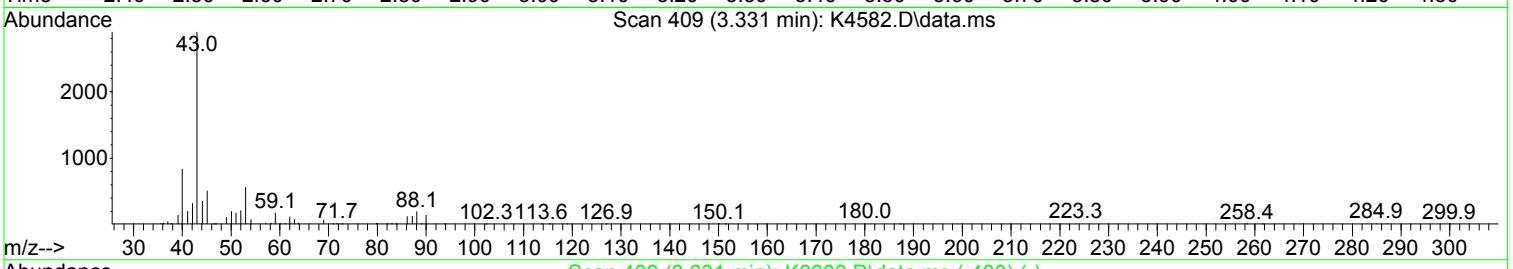
07/31/24

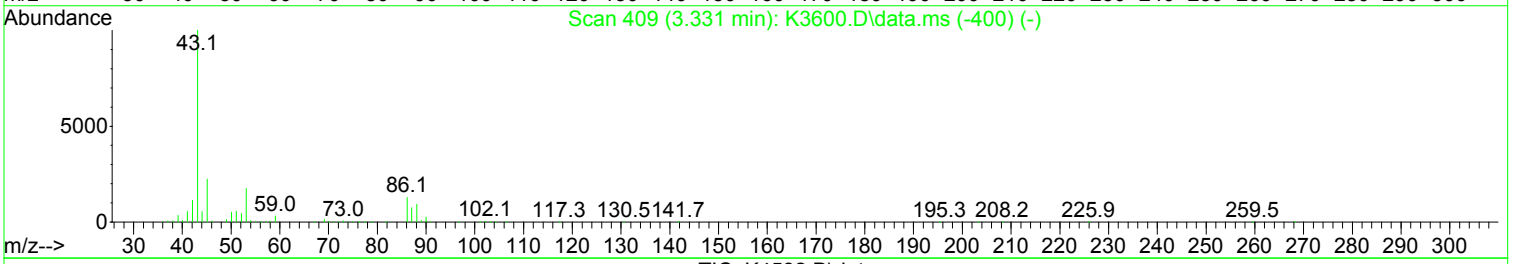
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(28) Vinyl Acetate

3.331min (-3.331) 0.00 ug/L

response 0

Ion	Exp%	Act%
86.10	100.00	0.00
43.10	778.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

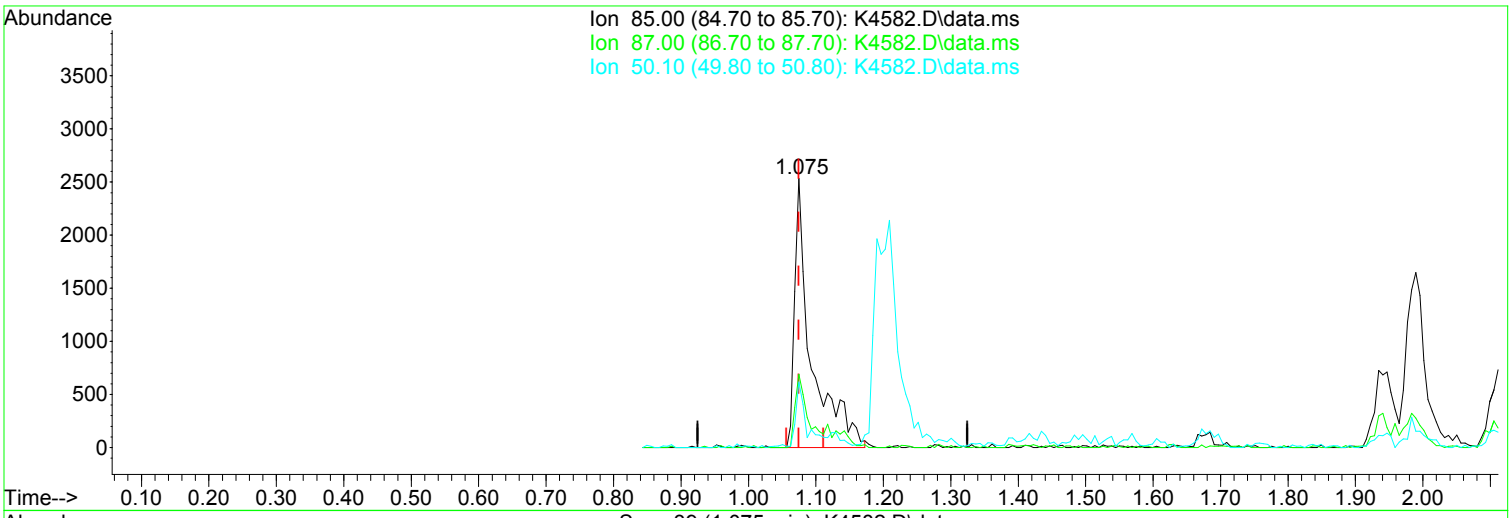
Before

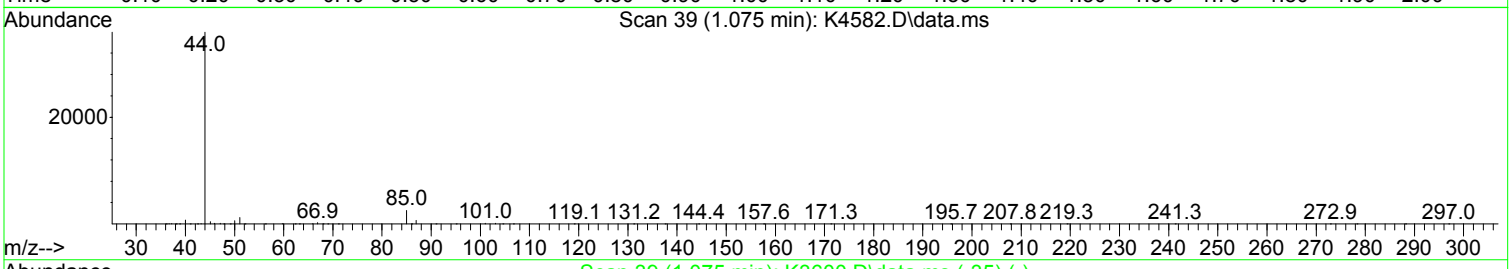
07/31/24

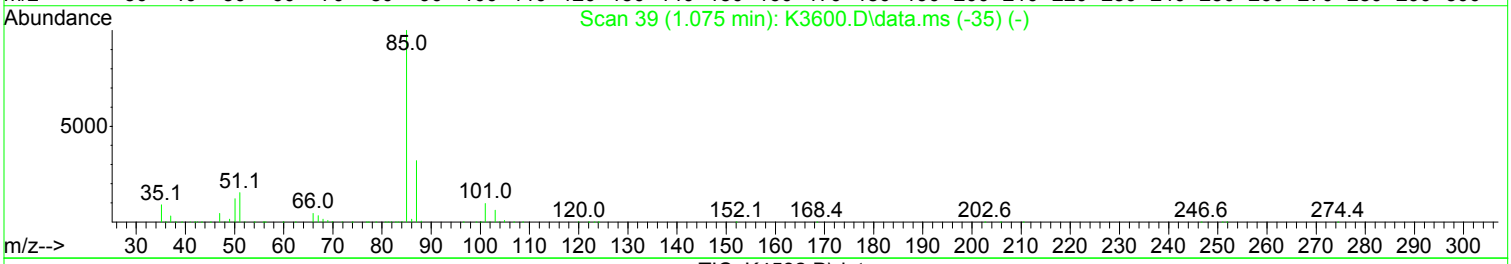
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 1.04 ug/L m

response 4359

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.00	27.28
50.10	12.20	24.44
0.00	0.00	0.00

Manual Integration:

After

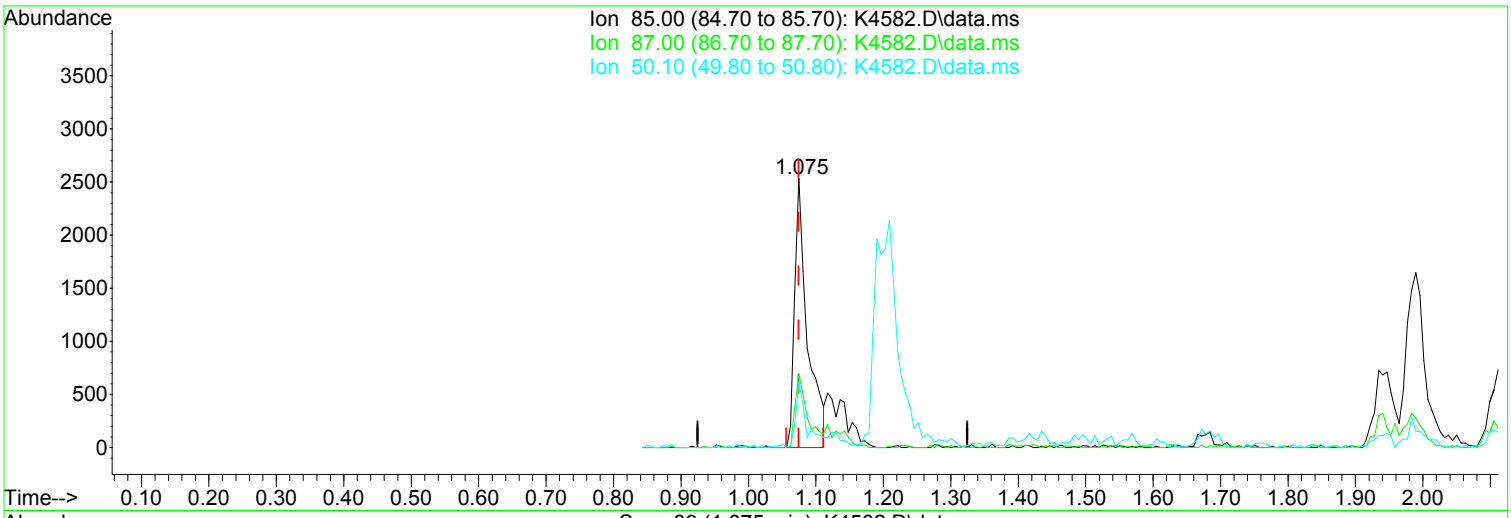
Poor integration.

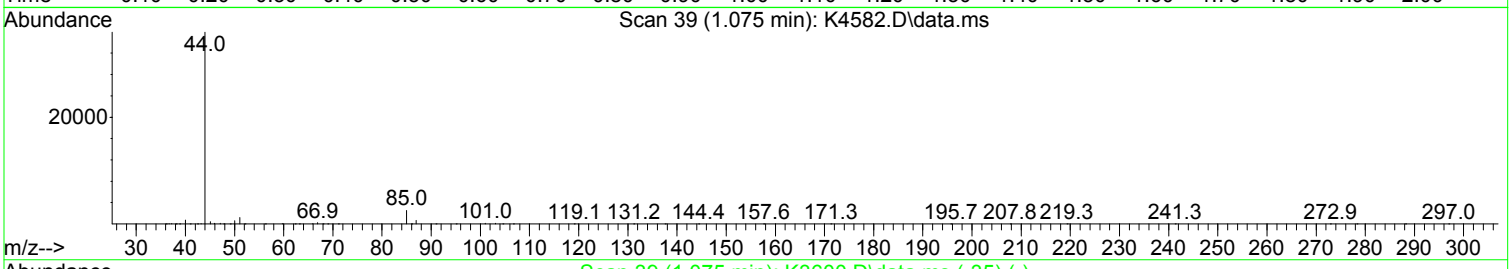
07/31/24

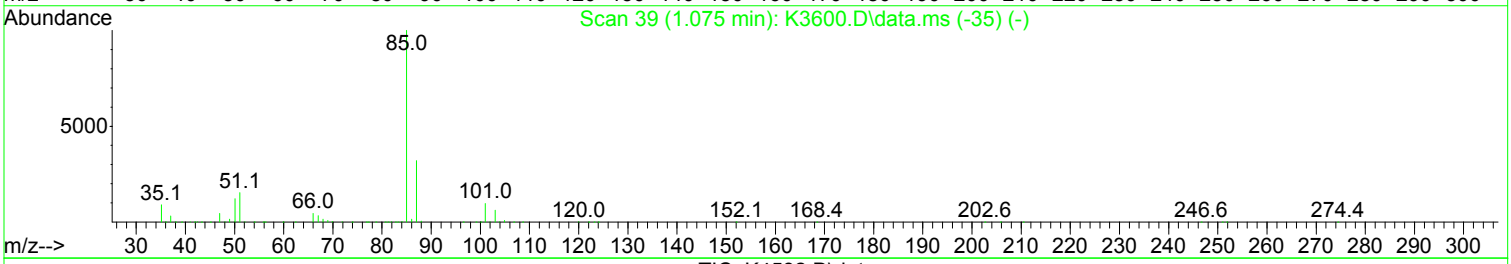
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 0.79 ug/L

response 3327

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.00	27.28
50.10	12.20	24.44
0.00	0.00	0.00

Manual Integration:

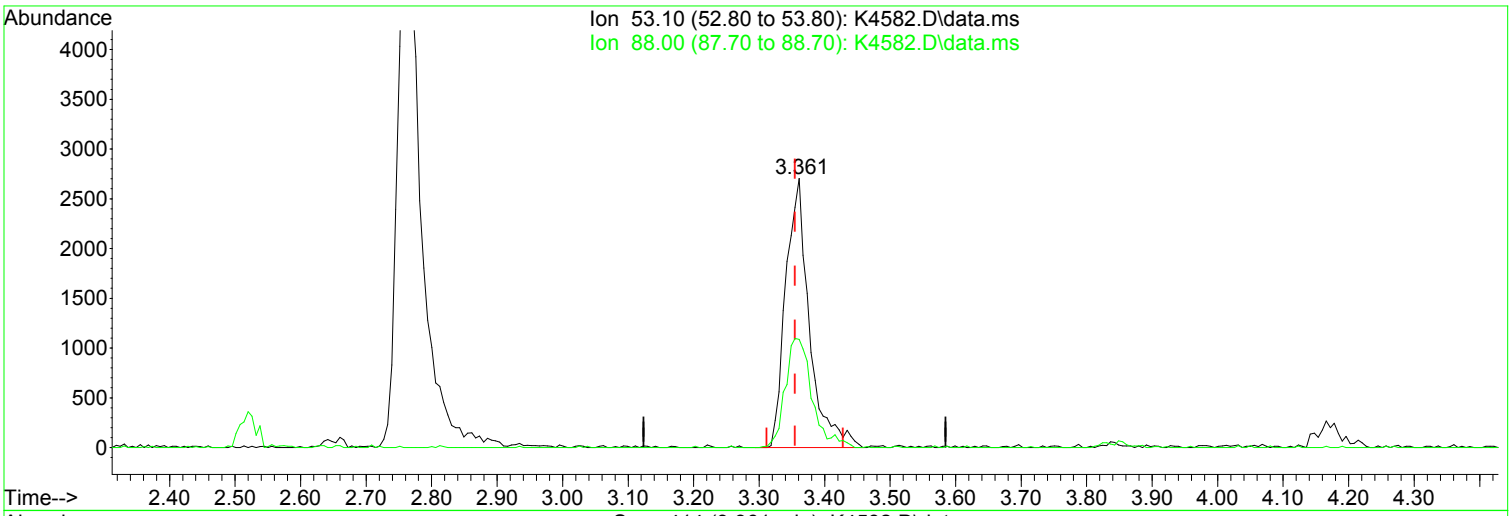
Before

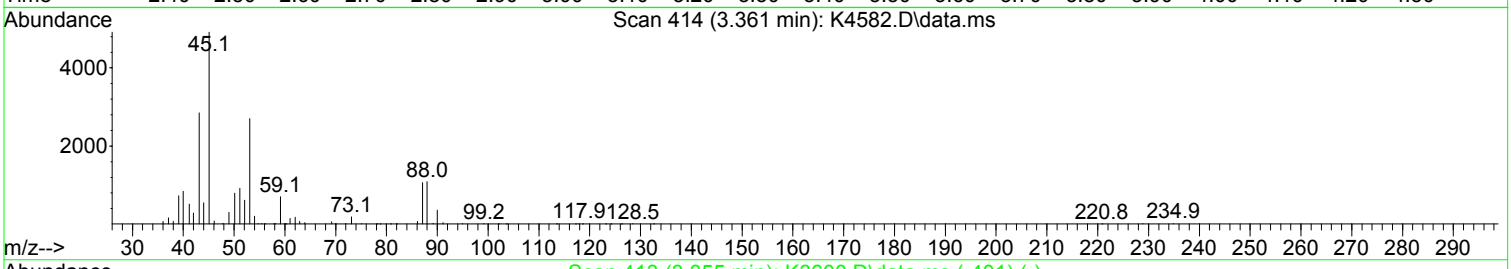
07/31/24

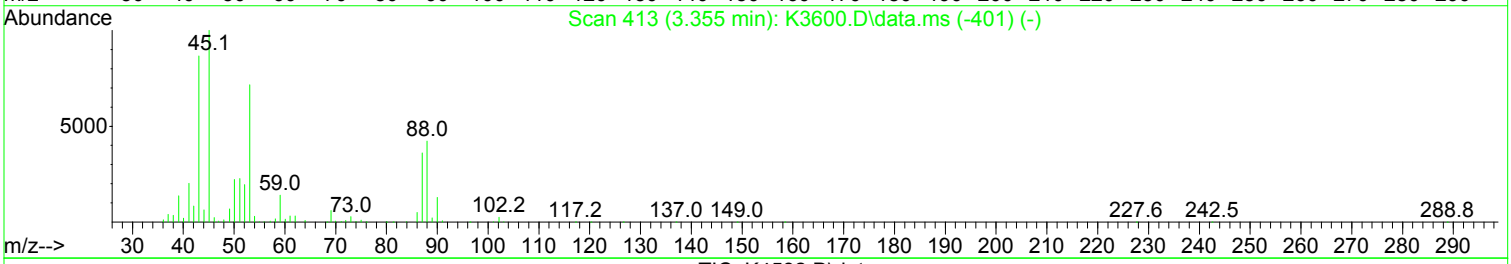
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(30) 2-Chloro-1,3-Butadiene

3.361min (+ 0.006) 0.98 ug/L m

response 6792

Ion	Exp%	Act%
53.10	100.00	100.00
88.00	59.10	40.21
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

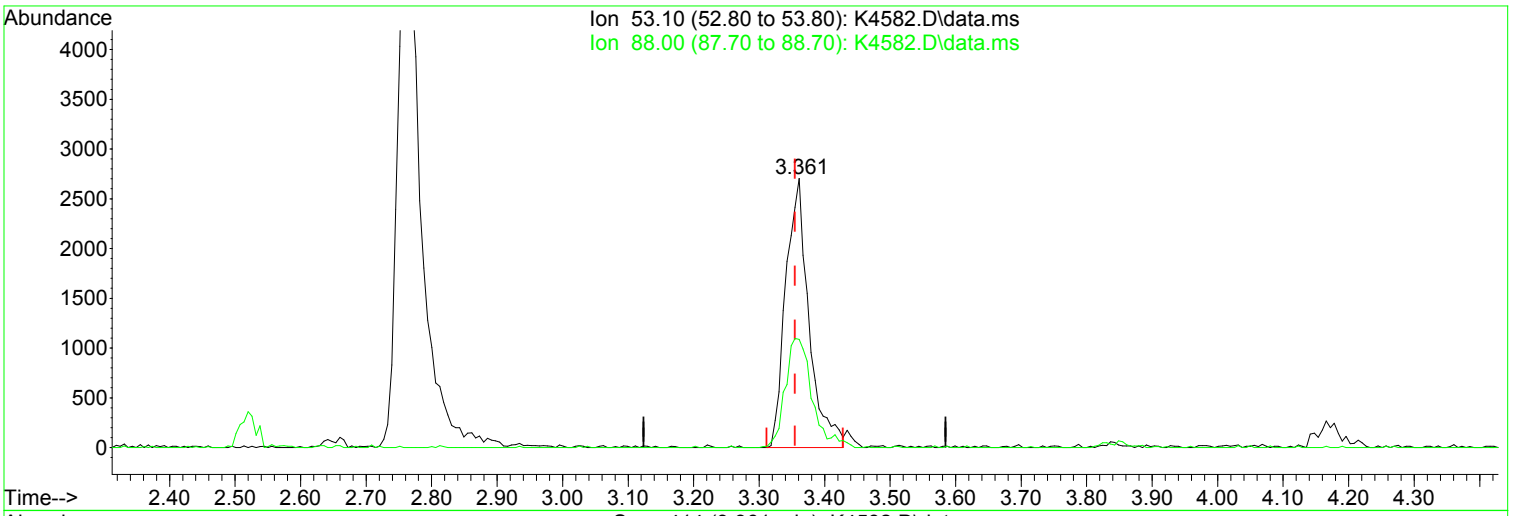
Poor integration.

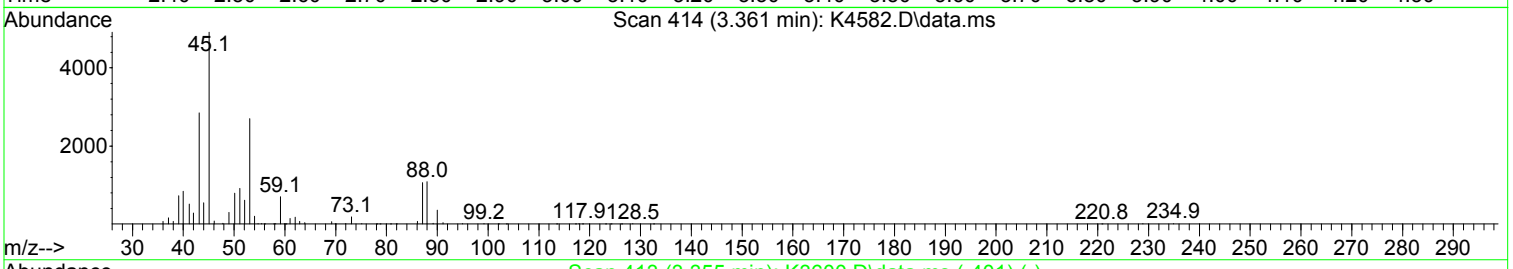
07/31/24

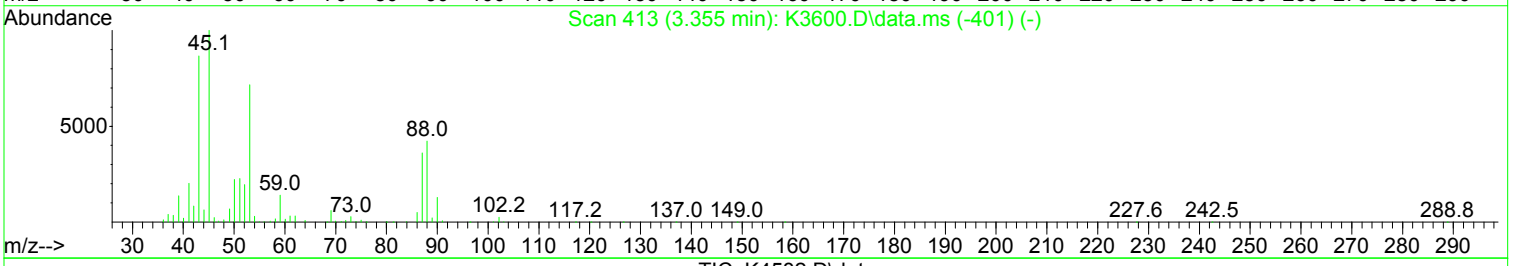
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(30) 2-Chloro-1,3-Butadiene

3.361min (+ 0.006) 0.96 ug/L

response 6652

Ion	Exp%	Act%
53.10	100.00	100.00
88.00	59.10	40.21
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

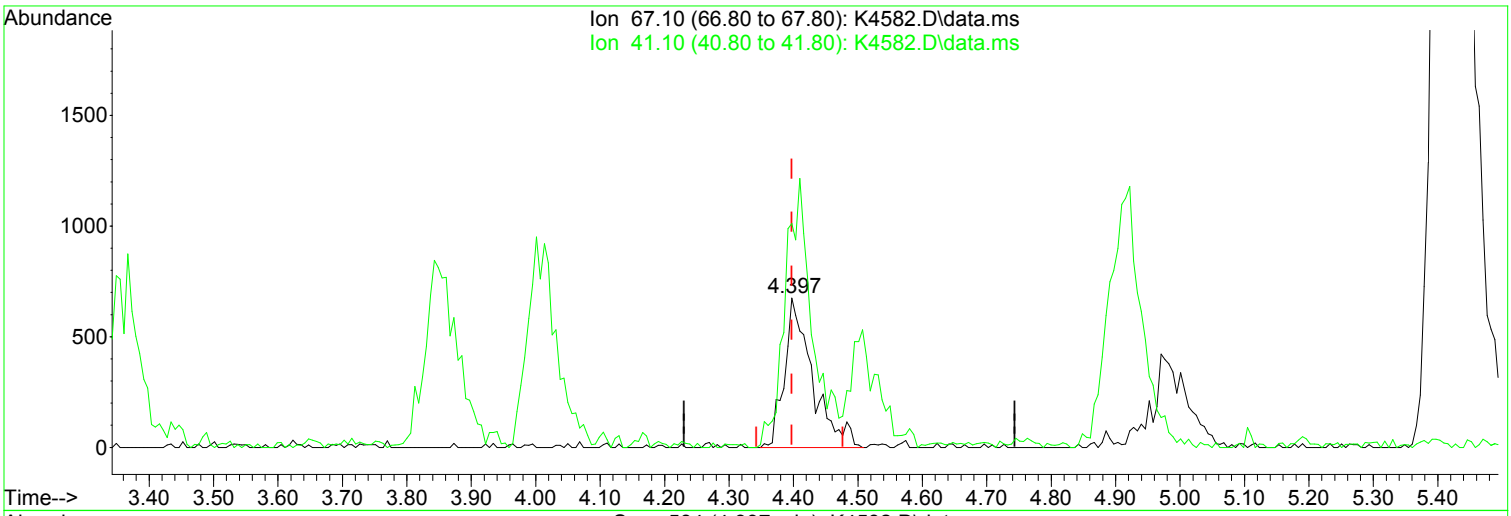
Before

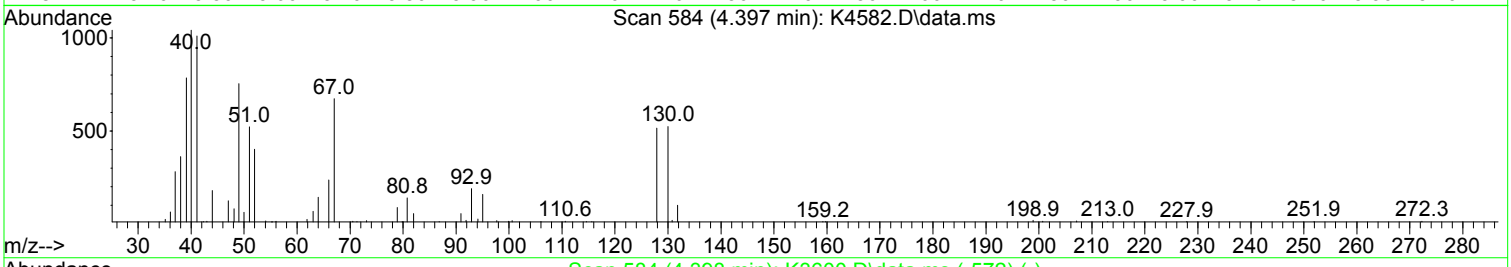
07/31/24

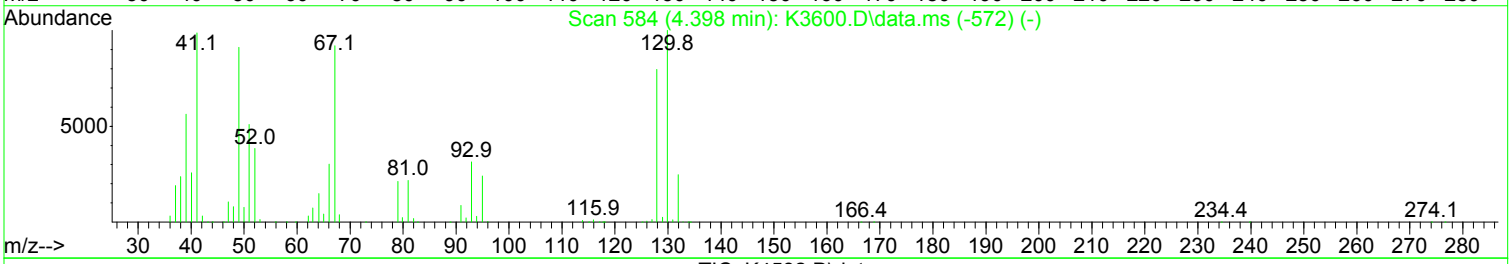
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(37) Methacrylonitrile

4.397min (-0.000) 0.94 ug/L m

response 2043

Ion	Exp%	Act%
67.10	100.00	100.00
41.10	107.20	150.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

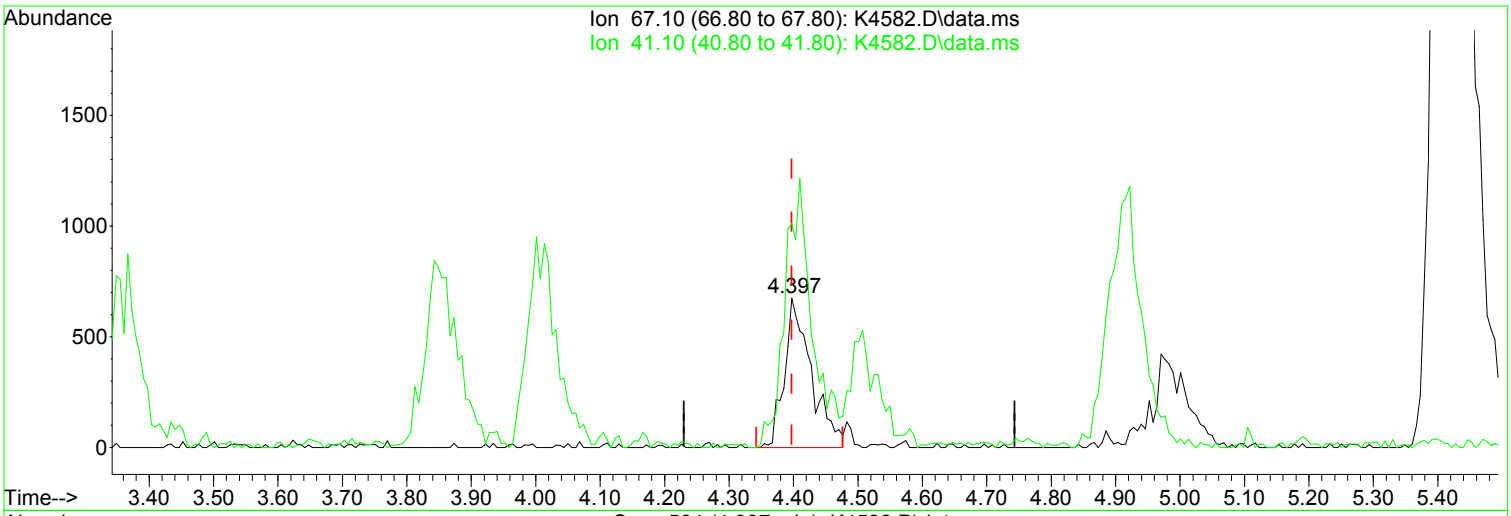
Poor integration.

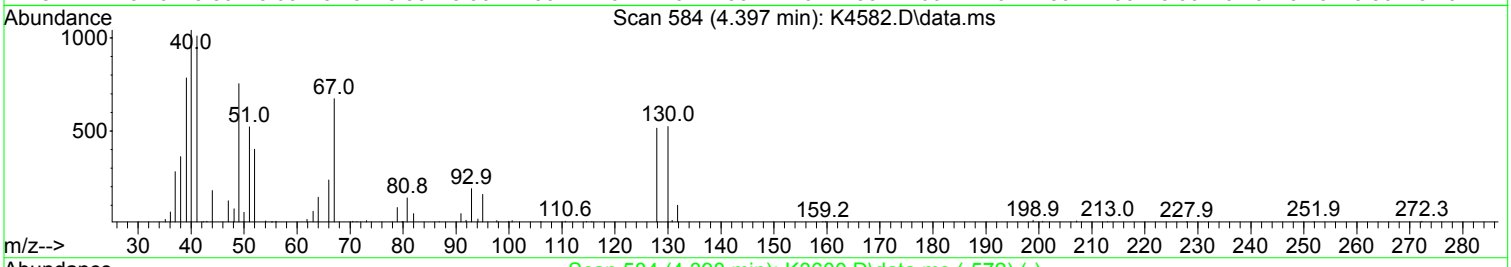
07/31/24

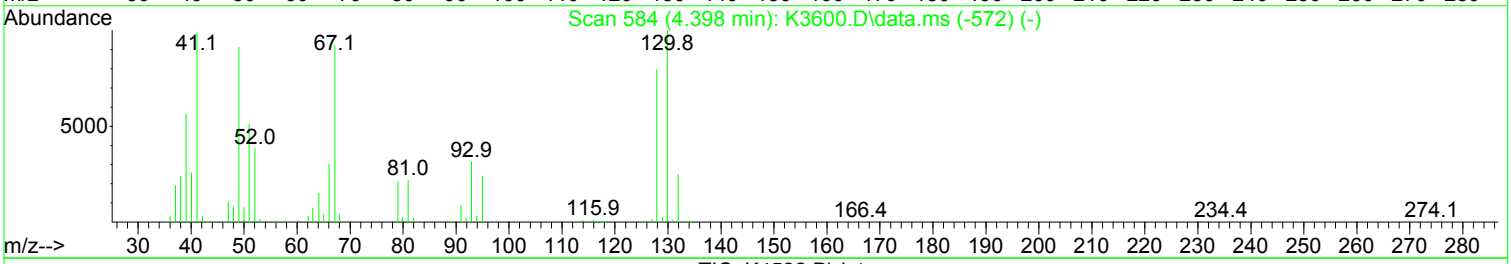
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(37) Methacrylonitrile

4.397min (-0.000) 0.90 ug/L

response 1960

Ion	Exp%	Act%
67.10	100.00	100.00
41.10	107.20	150.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

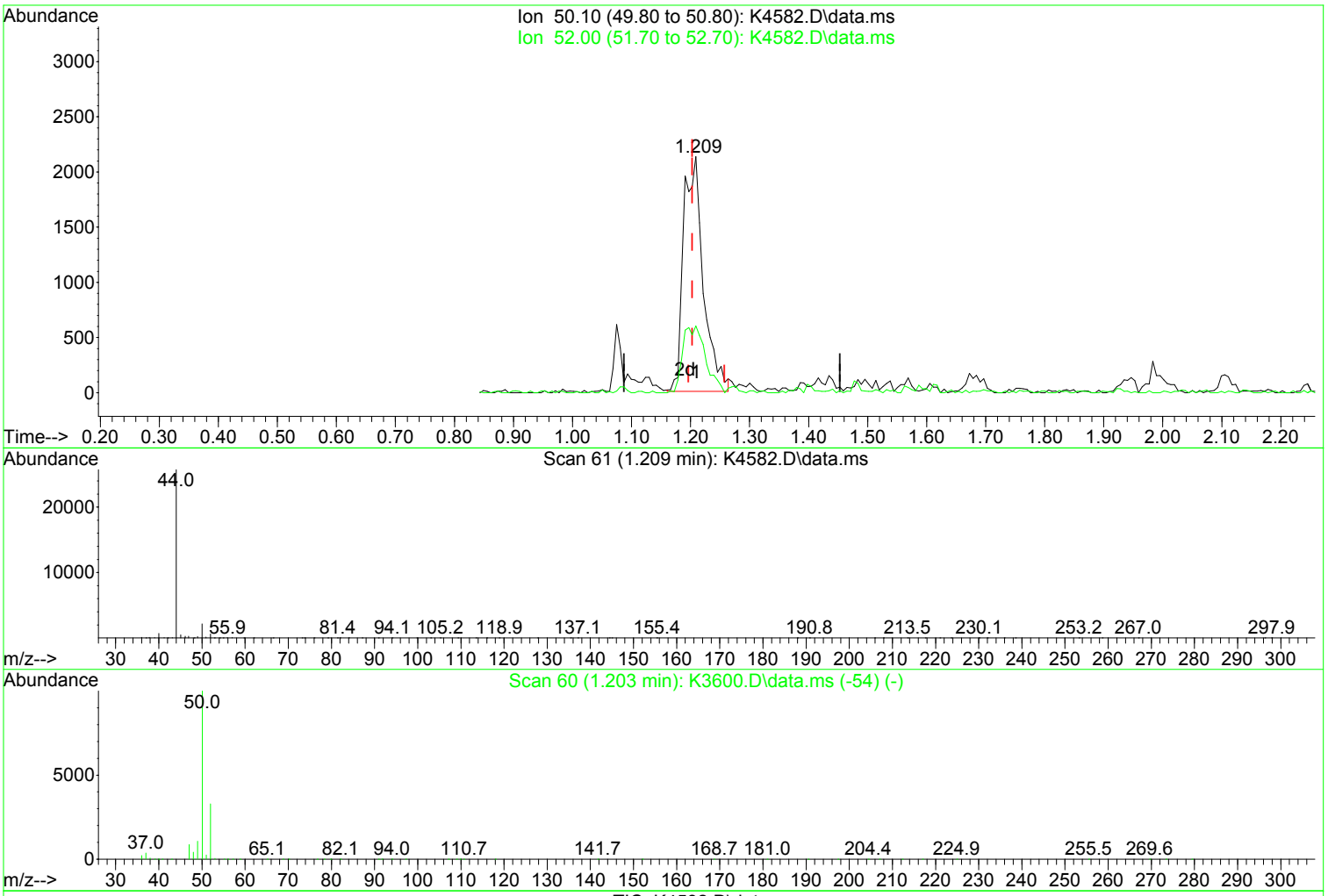
Before

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(4) Chloromethane (P)

1.209min (+ 0.006) 1.06 ug/L m

response 4963

Ion	Exp%	Act%
50.10	100.00	100.00
52.00	32.90	28.33
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

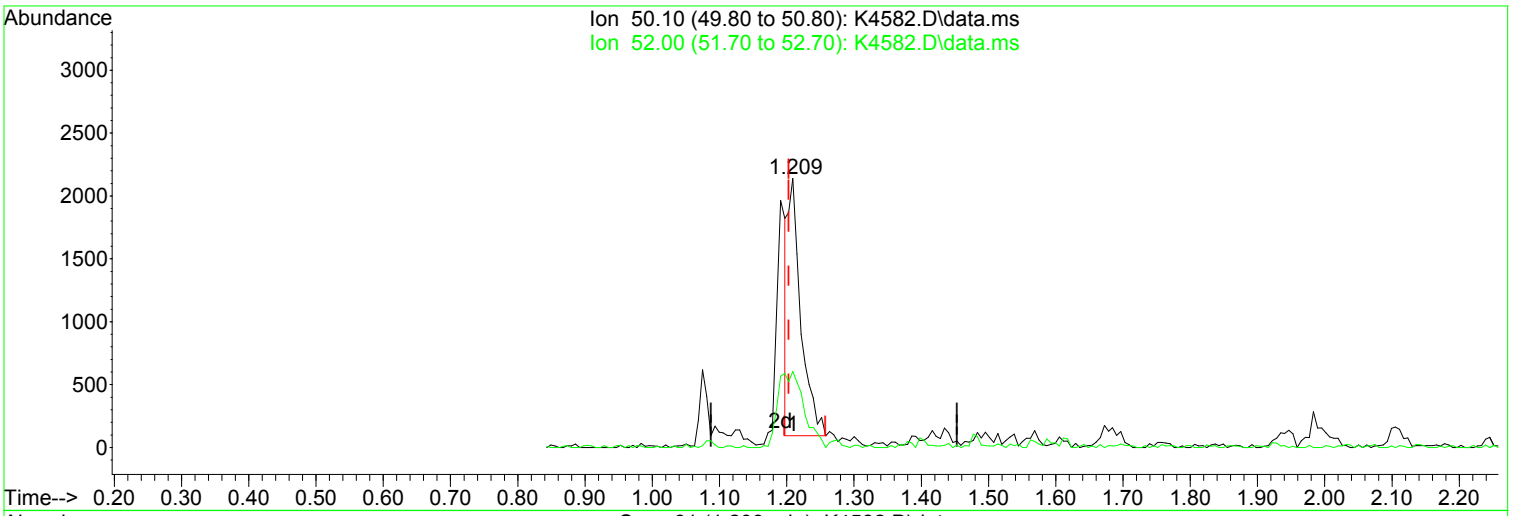
Split Peak.

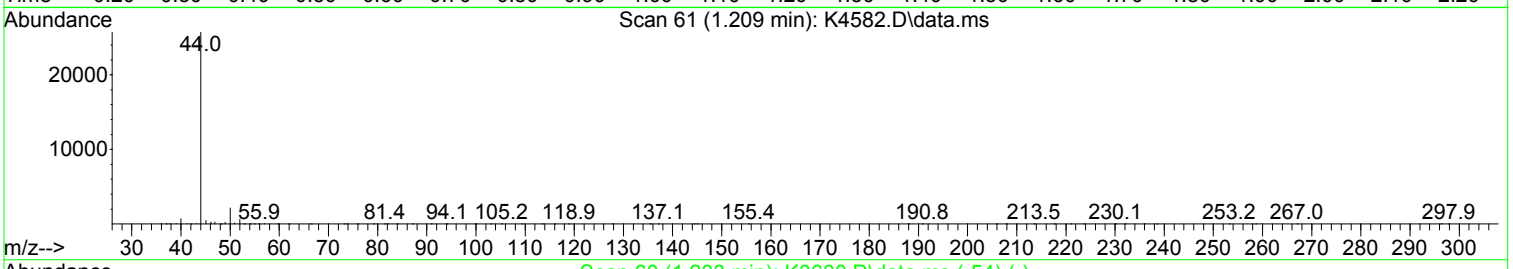
07/31/24

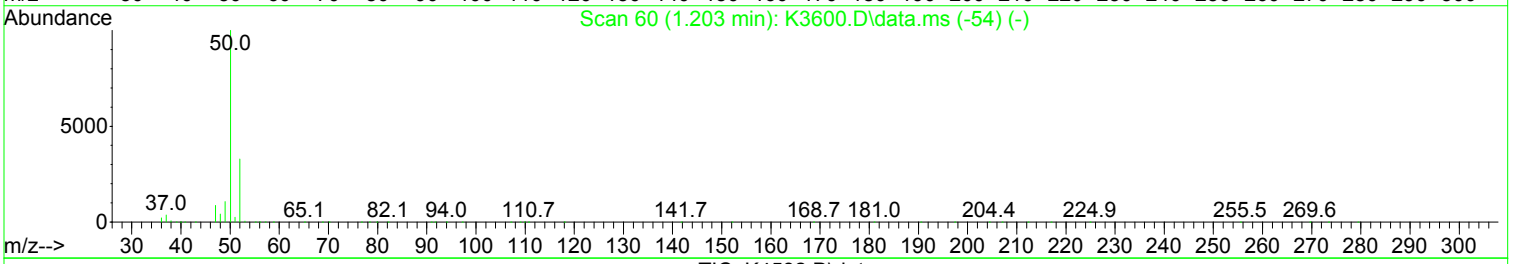
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(4) Chloromethane (P)

1.209min (+ 0.006) 0.59 ug/L

response 2775

Ion	Exp%	Act%
50.10	100.00	100.00
52.00	32.90	28.33
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

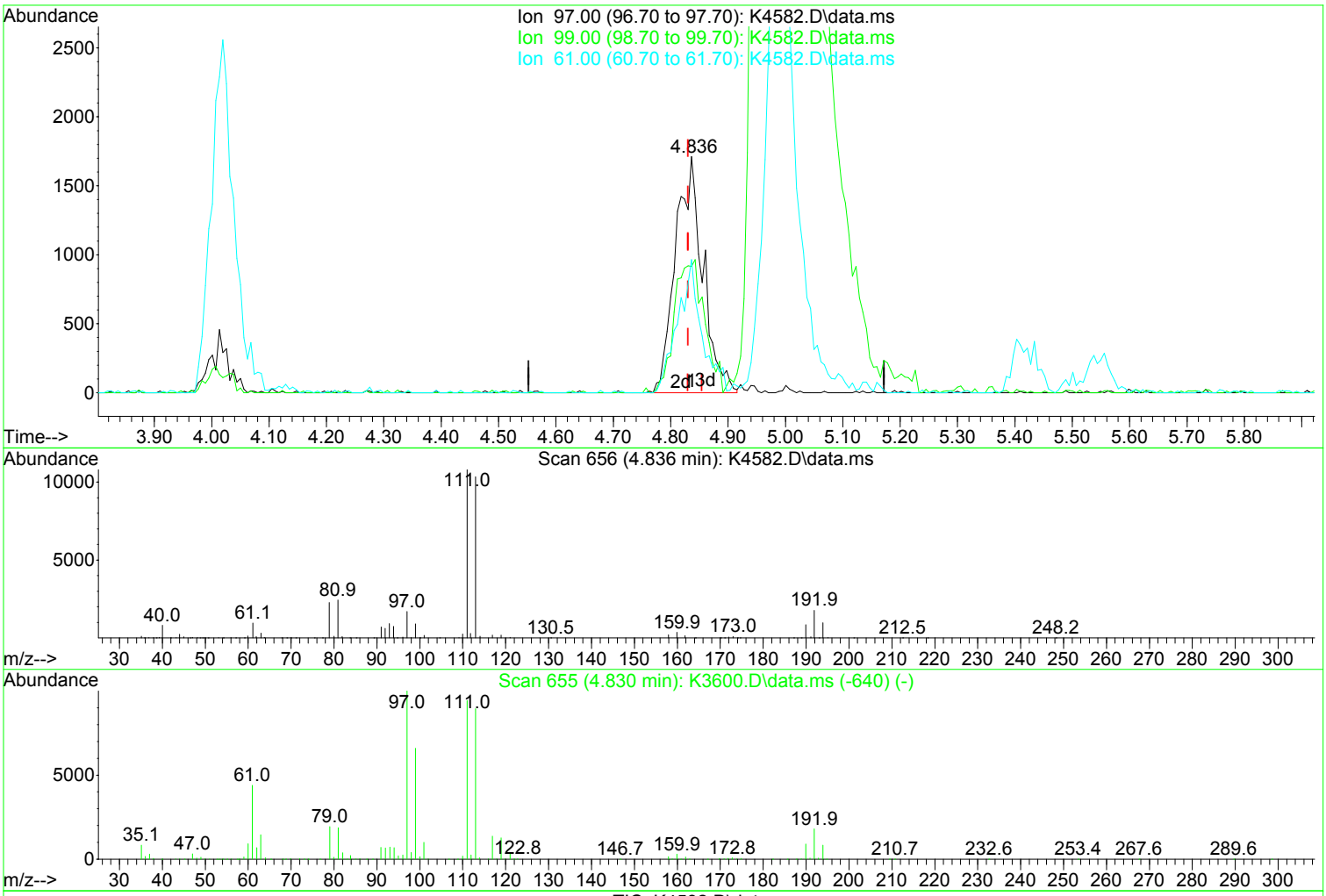
Before

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.836min (+ 0.006) 1.10 ug/L m

response 5666

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	66.00	53.48
61.00	44.00	56.34
0.00	0.00	0.00

Manual Integration:

After

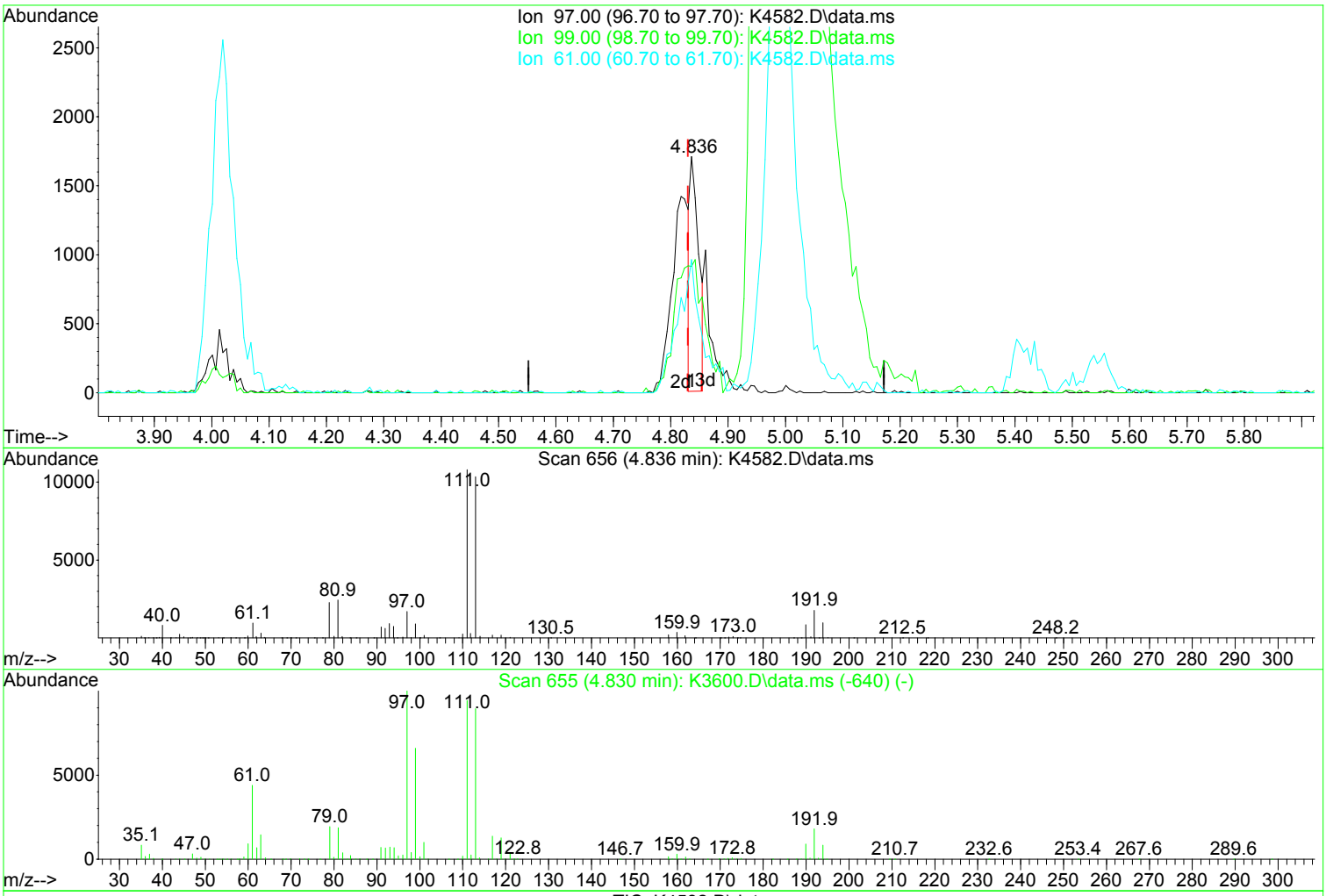
Split Peak.

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.836min (+ 0.006) 0.35 ug/L

response 1784

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	66.00	53.48
61.00	44.00	56.34
0.00	0.00	0.00

Manual Integration:

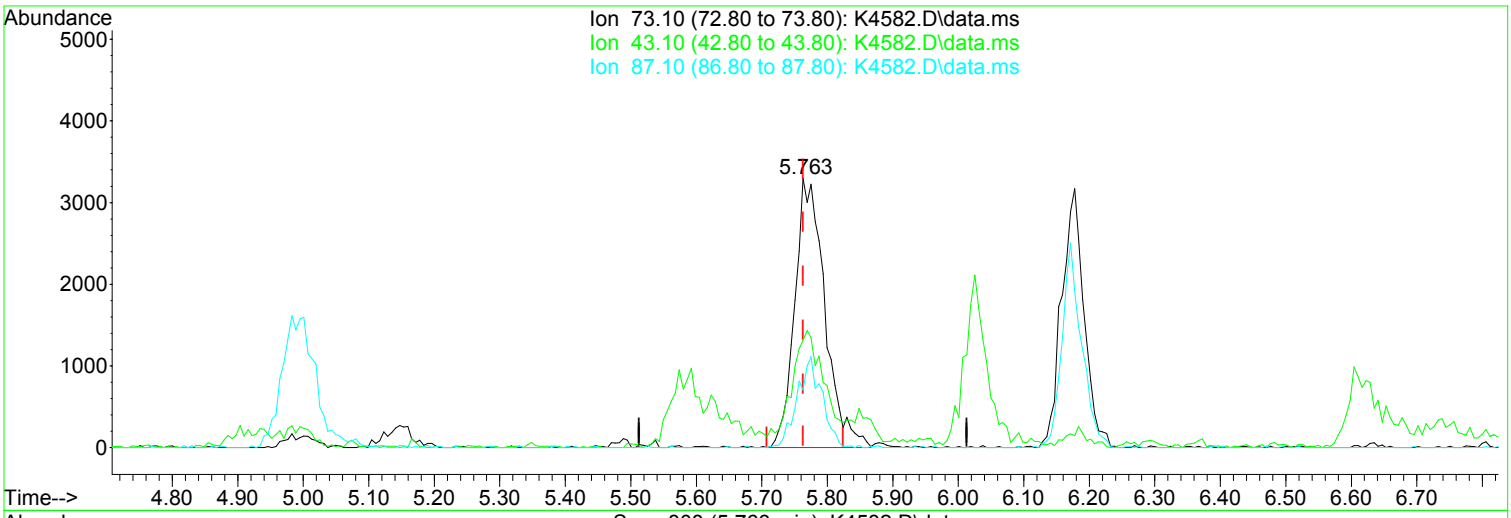
Before

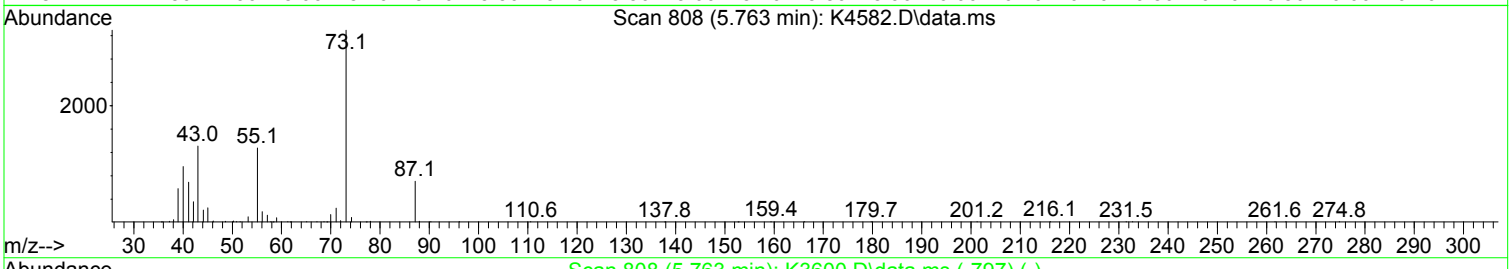
07/31/24

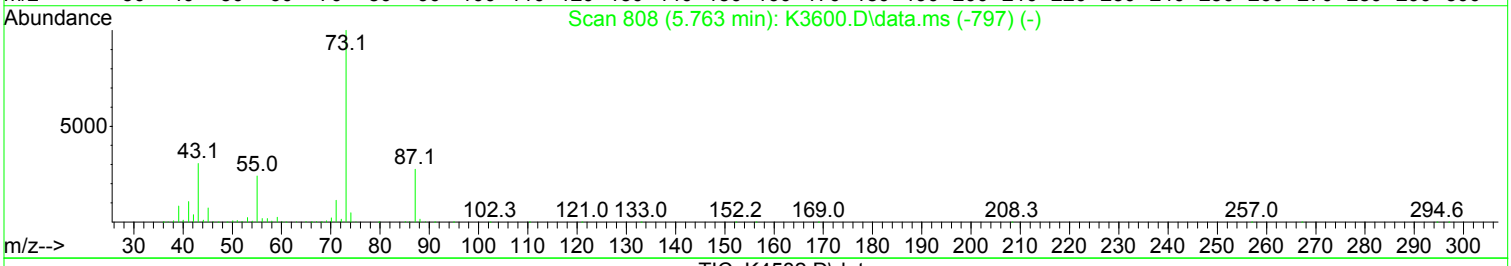
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(41) TAME

5.763min (-0.000) 1.06 ug/L m

response 10487

Ion	Exp%	Act%
73.10	100.00	100.00
43.10	31.20	39.82
87.10	27.50	21.43
0.00	0.00	0.00

Manual Integration:

After

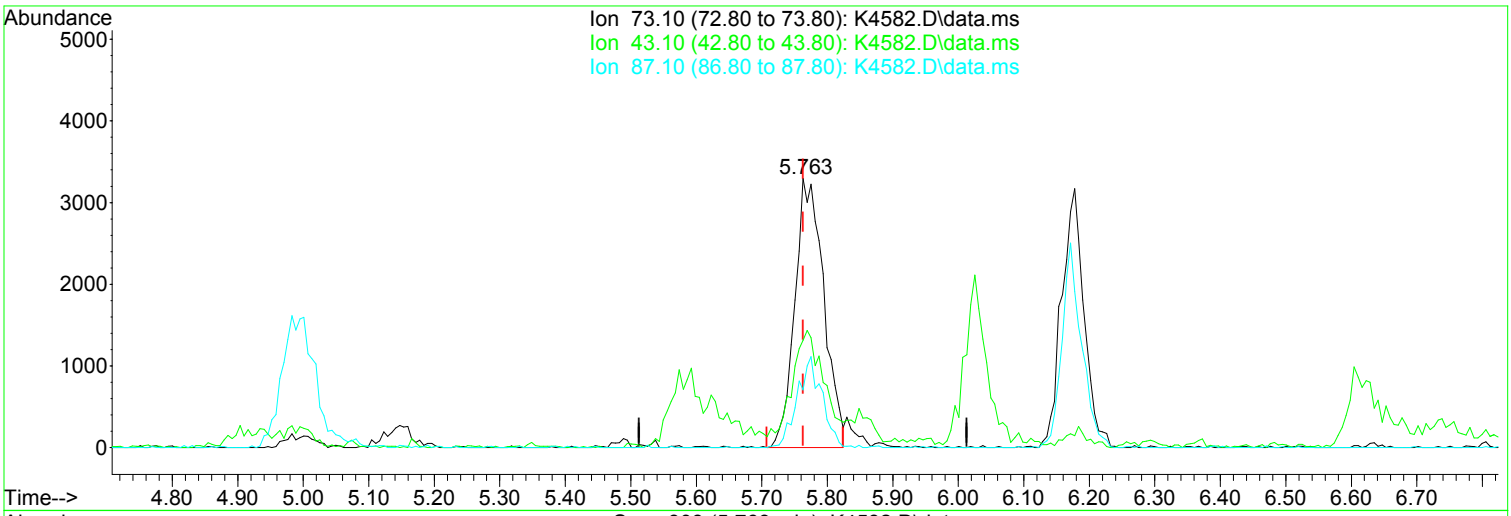
Split Peak.

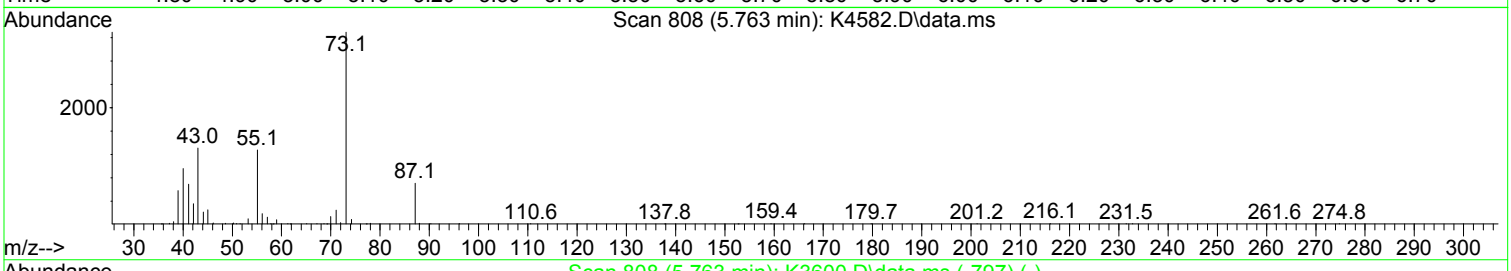
07/31/24

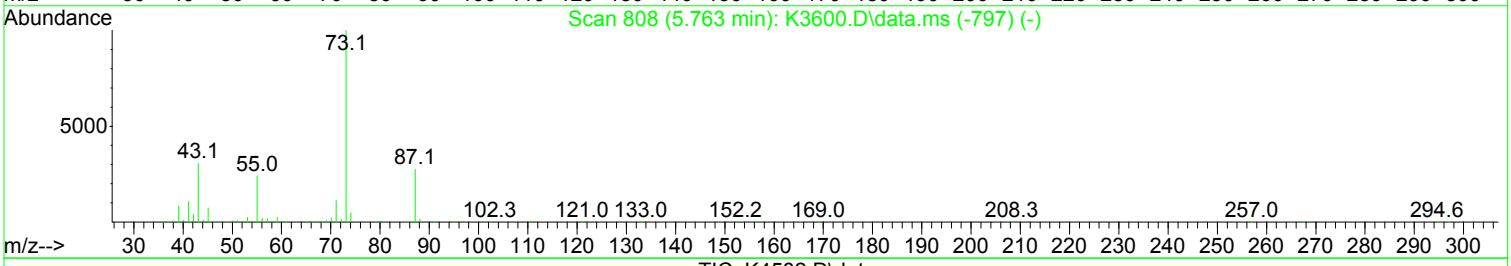
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(41) TAME

5.763min (-0.000) 1.02 ug/L

response 10076

Ion	Exp%	Act%
73.10	100.00	100.00
43.10	31.20	39.82
87.10	27.50	21.43
0.00	0.00	0.00

Manual Integration:

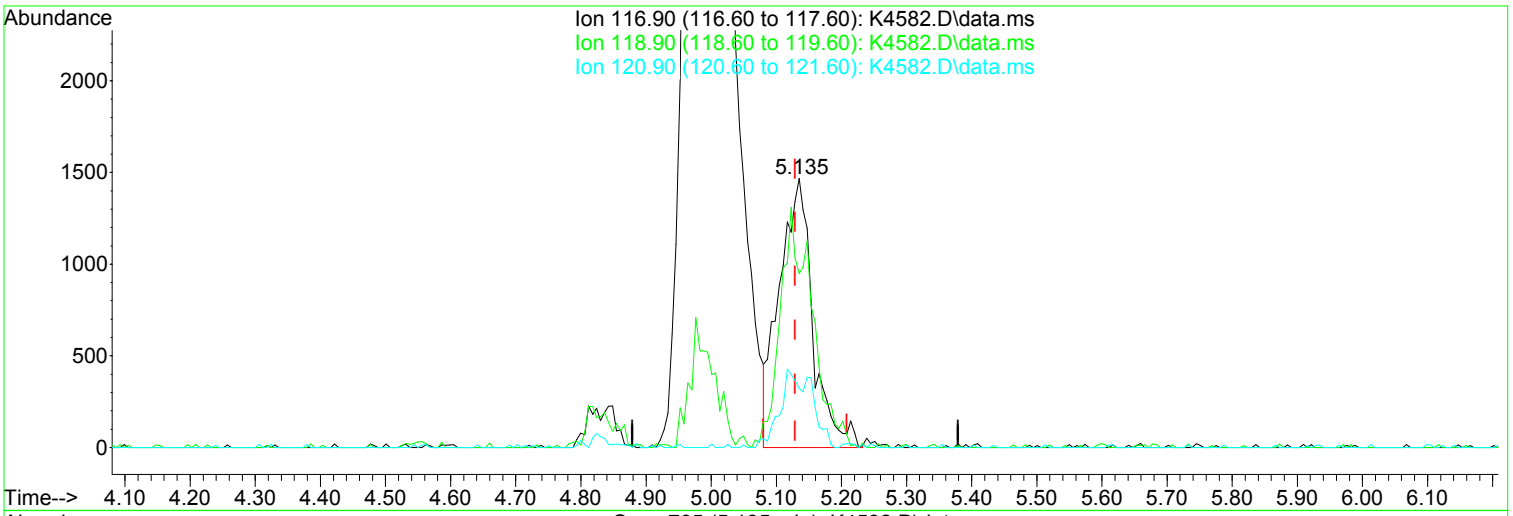
Before

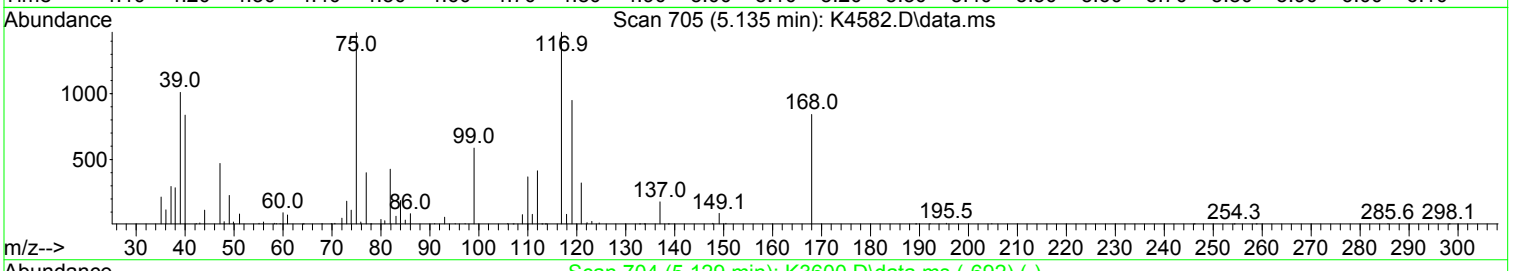
07/31/24

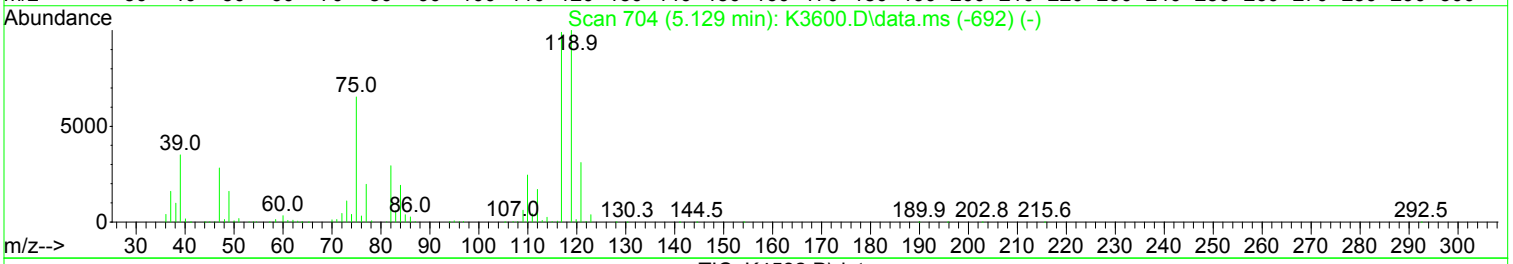
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(45) Carbontetrachloride (P)

5.135min (+ 0.006) 1.10 ug/L m

response 5237

Ion	Exp%	Act%
116.90	100.00	100.00
118.90	98.90	64.76#
120.90	30.70	21.95
0.00	0.00	0.00

Manual Integration:

After

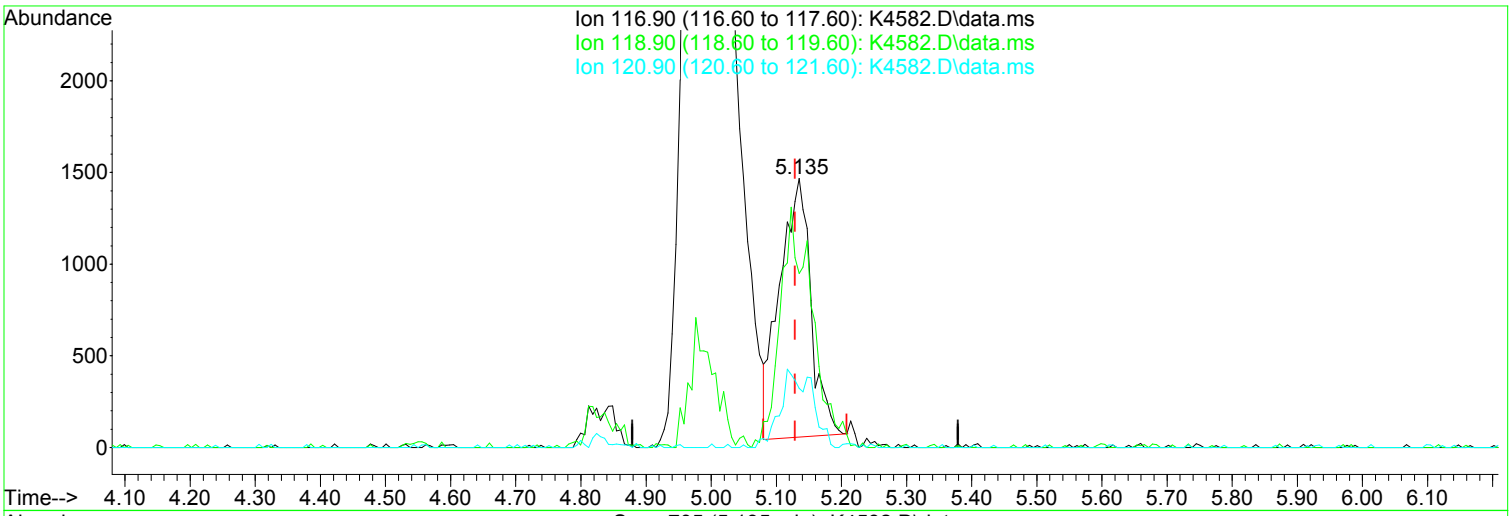
Poor integration.

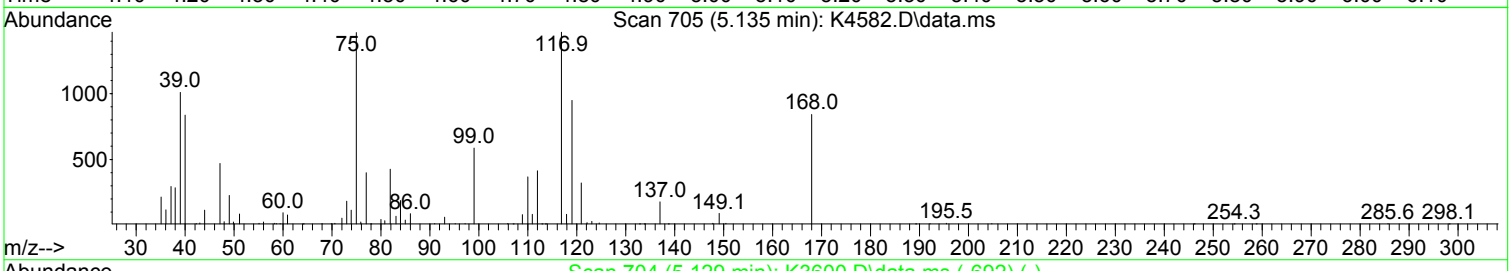
07/31/24

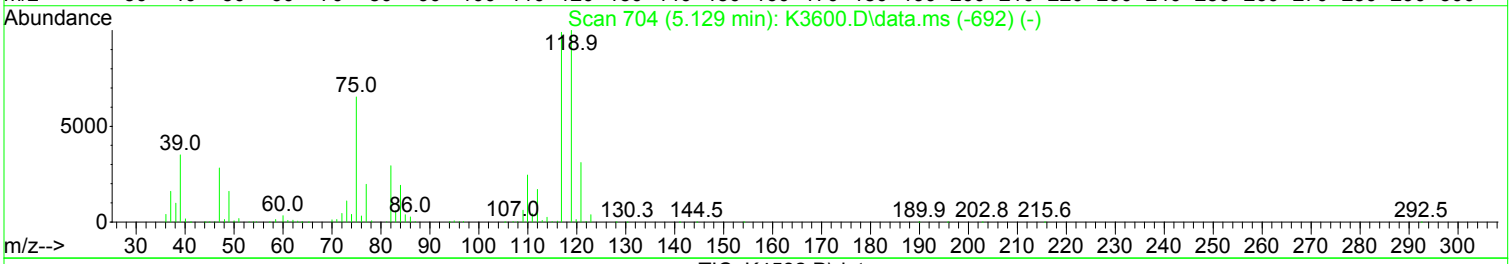
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(45) Carbontetrachloride (P)

5.135min (+ 0.006) 0.98 ug/L

response 4699

Ion	Exp%	Act%
116.90	100.00	100.00
118.90	98.90	64.76#
120.90	30.70	21.95
0.00	0.00	0.00

Manual Integration:

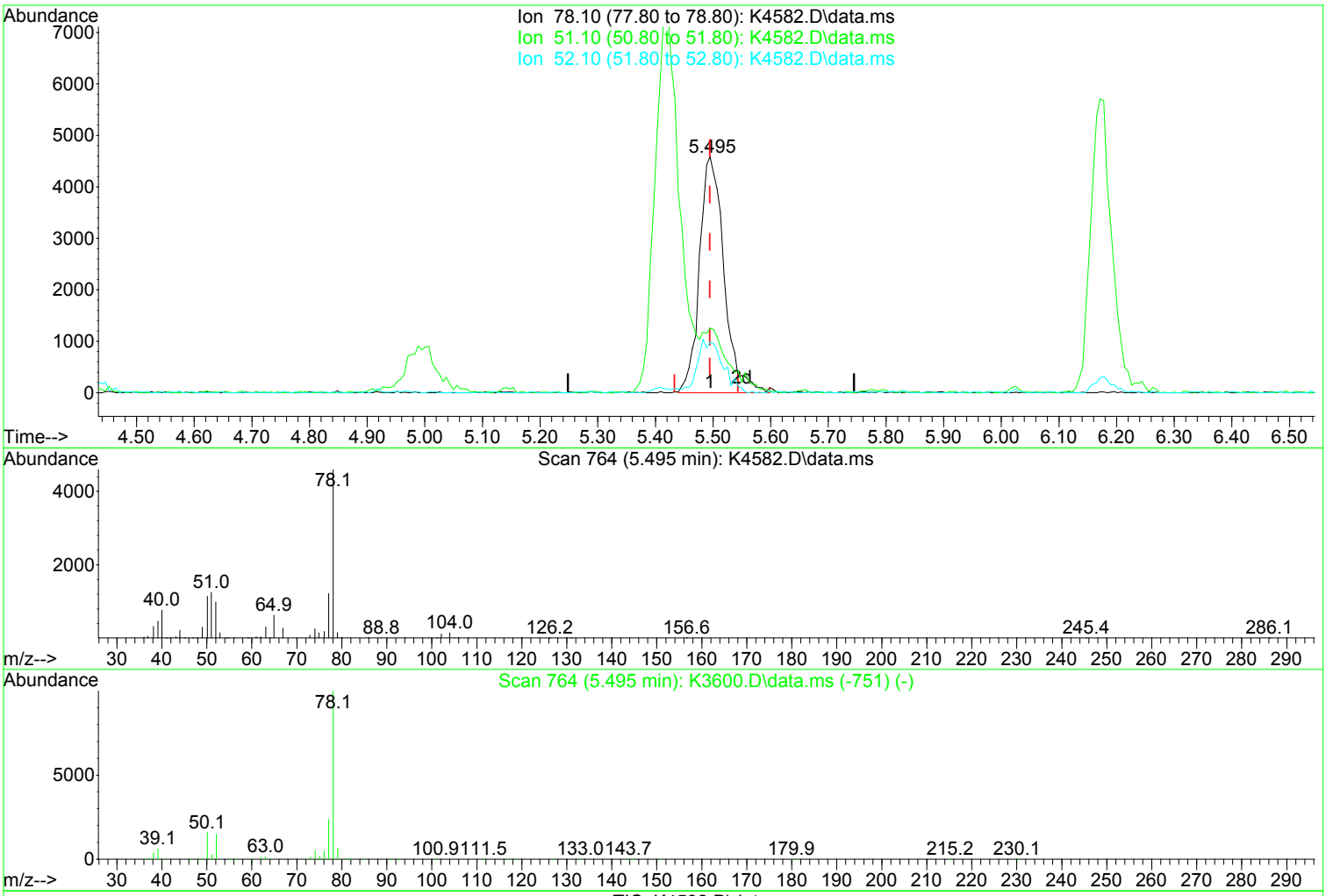
Before

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(48) Benzene (P)

5.495min (-0.000) 1.06 ug/L m

response 13557

Ion	Exp%	Act%
78.10	100.00	100.00
51.10	17.20	27.29
52.10	15.10	21.52
0.00	0.00	0.00

Manual Integration:

After

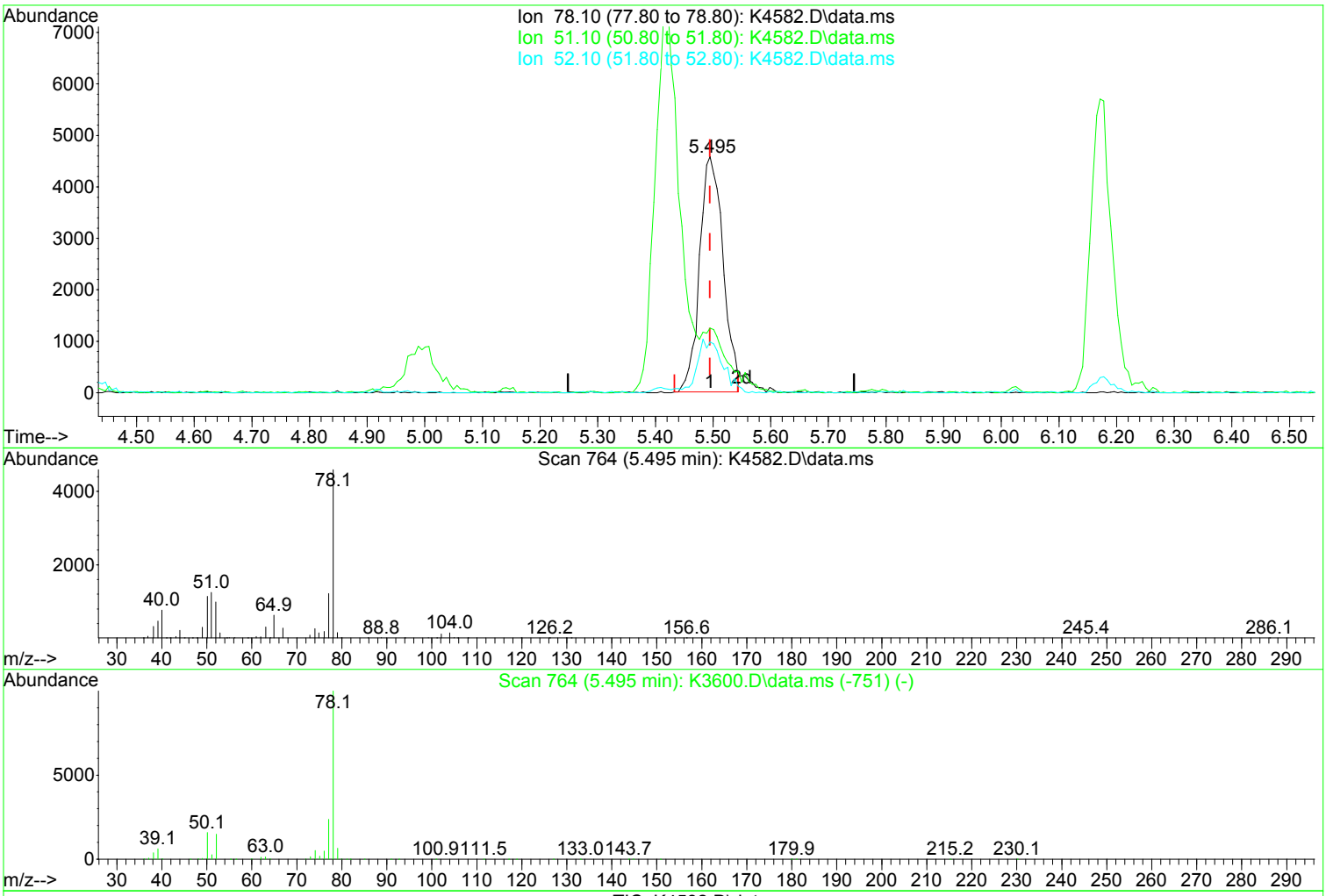
Poor integration.

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(48) Benzene (P)

5.495min (-0.000) 1.01 ug/L

response 12920

Ion	Exp%	Act%
78.10	100.00	100.00
51.10	17.20	27.29
52.10	15.10	21.52
0.00	0.00	0.00

Manual Integration:

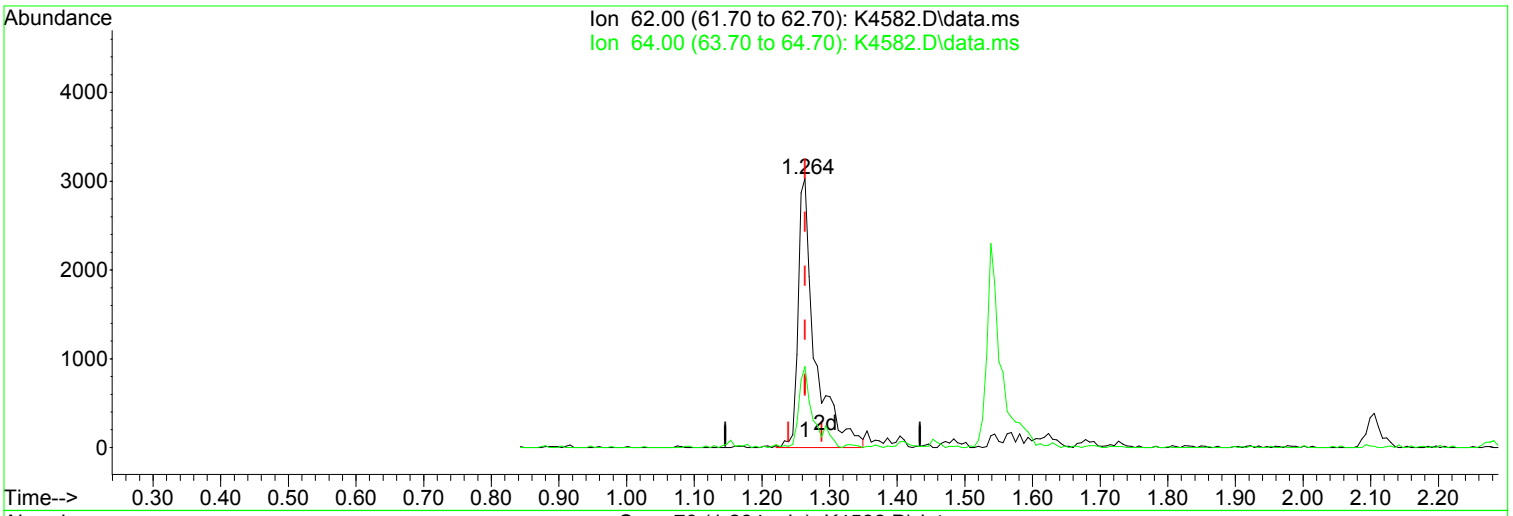
Before

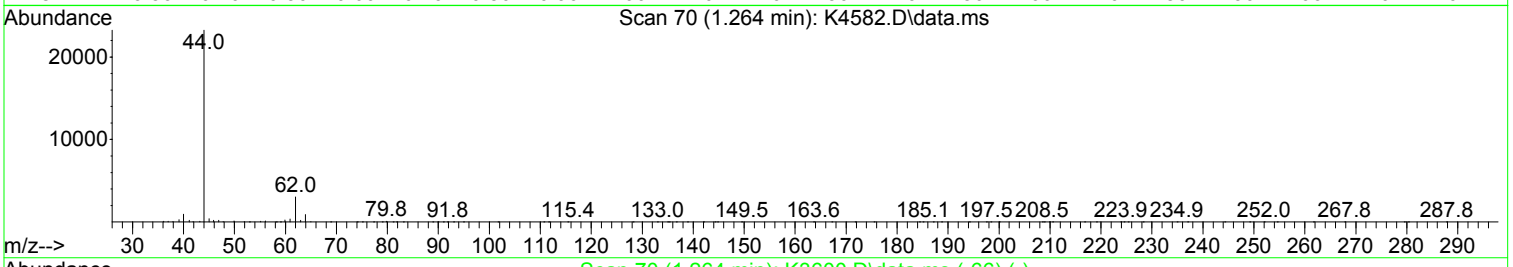
07/31/24

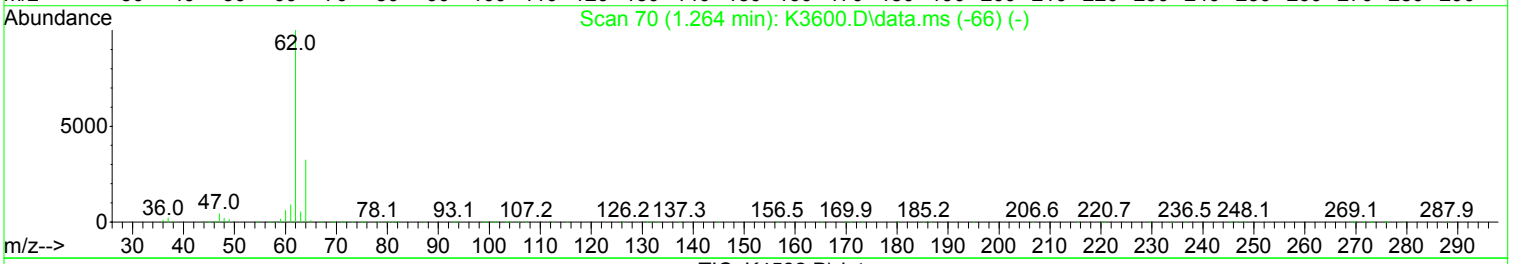
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(5) Vinyl Chloride (P)

1.264min (-0.000) 1.08 ug/L m

response 5249

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	32.40	30.13
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

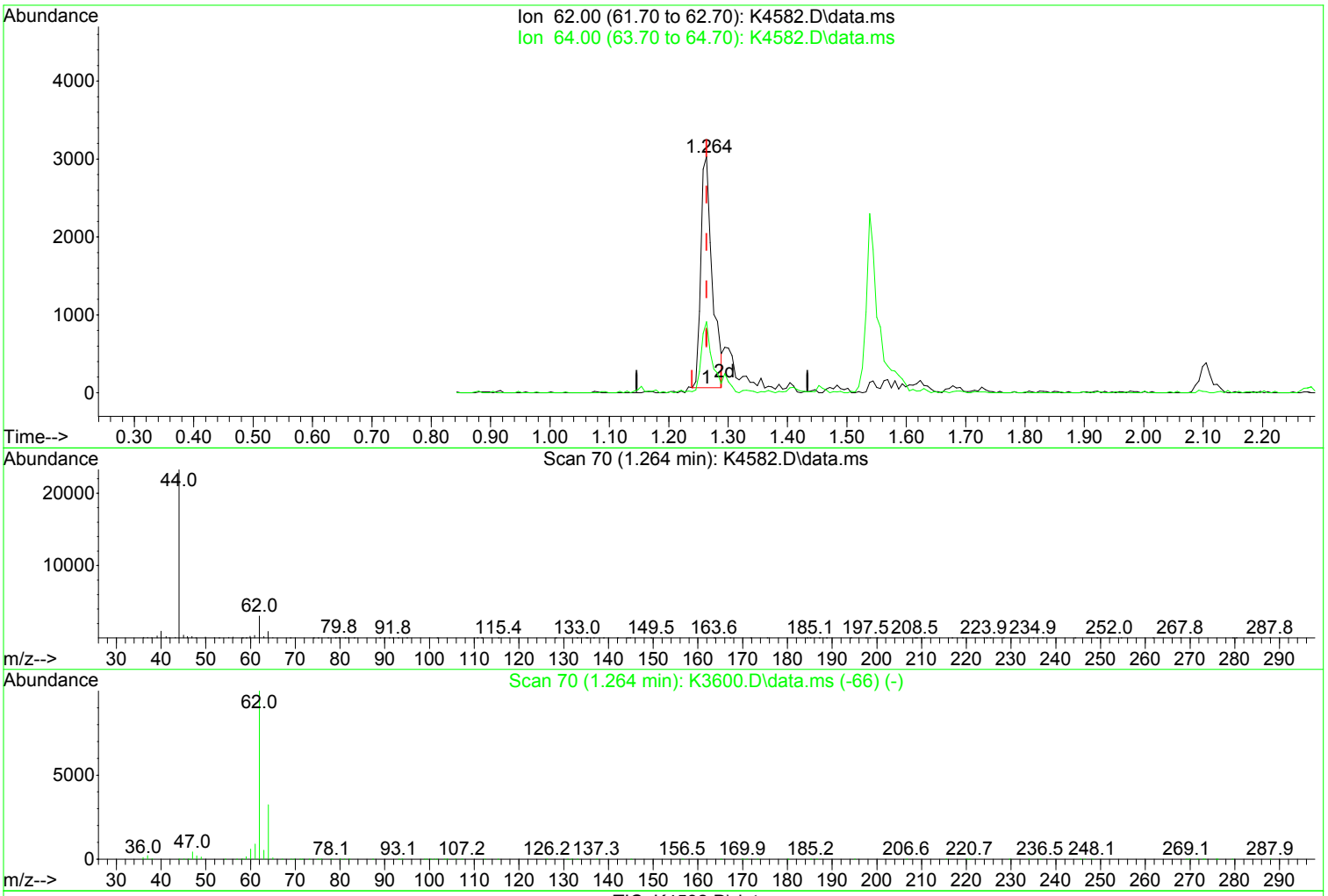
Split Peak.

07/31/24

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(5) Vinyl Chloride (P)

1.264min (-0.000) 0.82 ug/L

response 3990

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	32.40	30.13
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

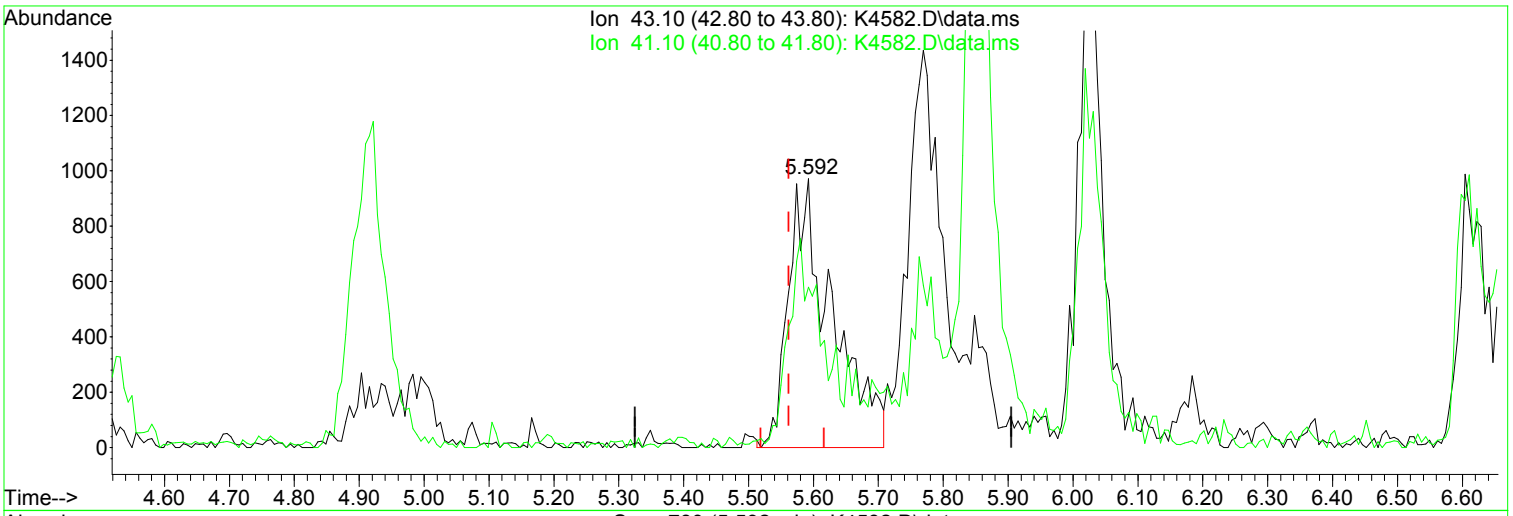
Before

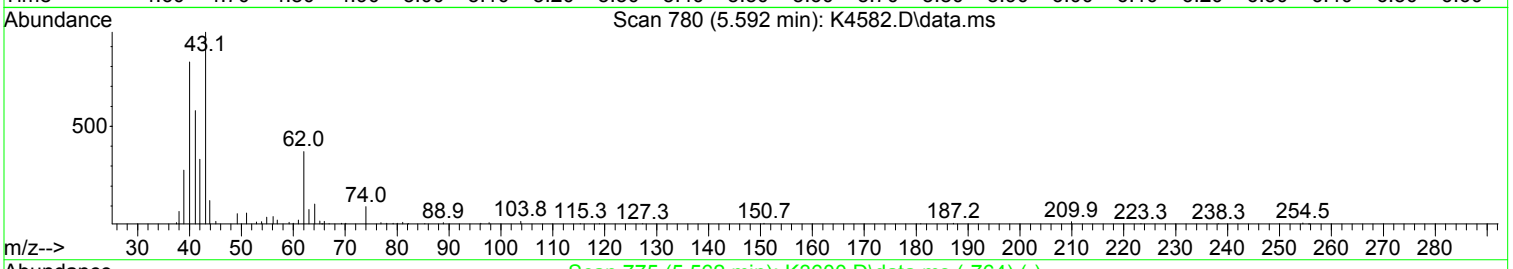
07/31/24

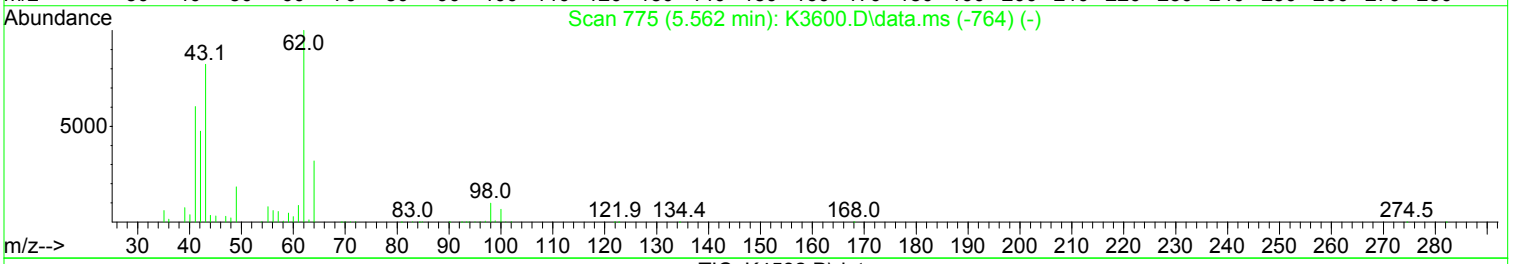
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(50) Iso-Butyl Alcohol

5.592min (+ 0.030) 14.75 ug/L m

response 4548

Ion	Exp%	Act%
43.10	100.00	100.00
41.10	73.40	59.57
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

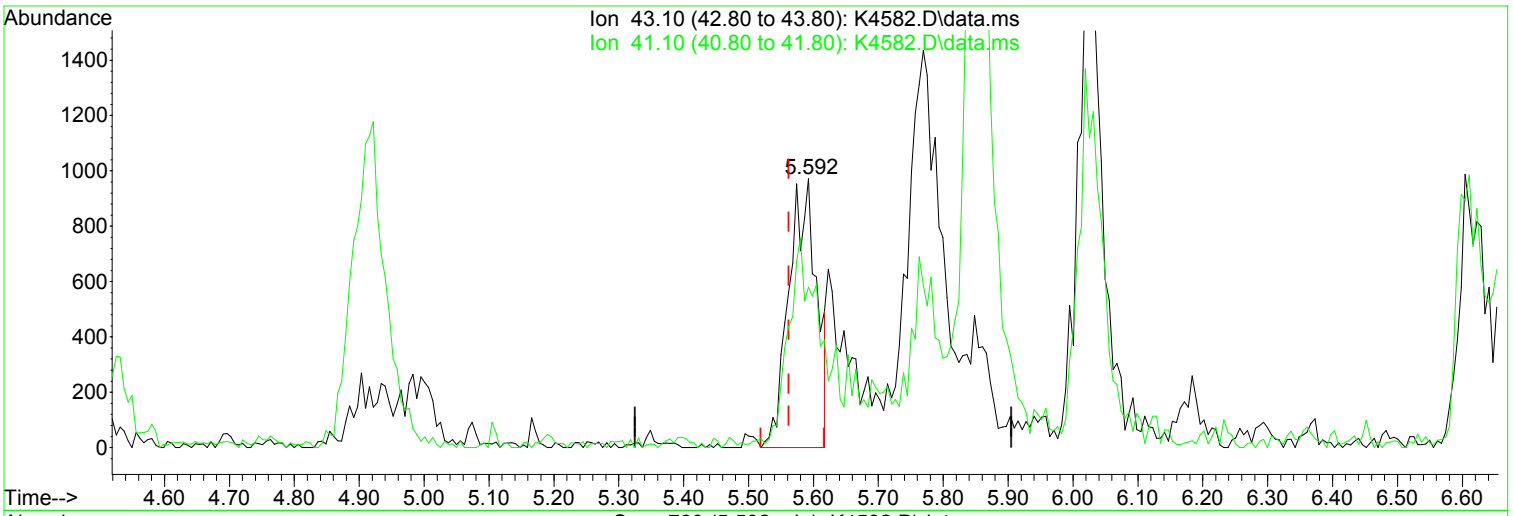
Poor integration.

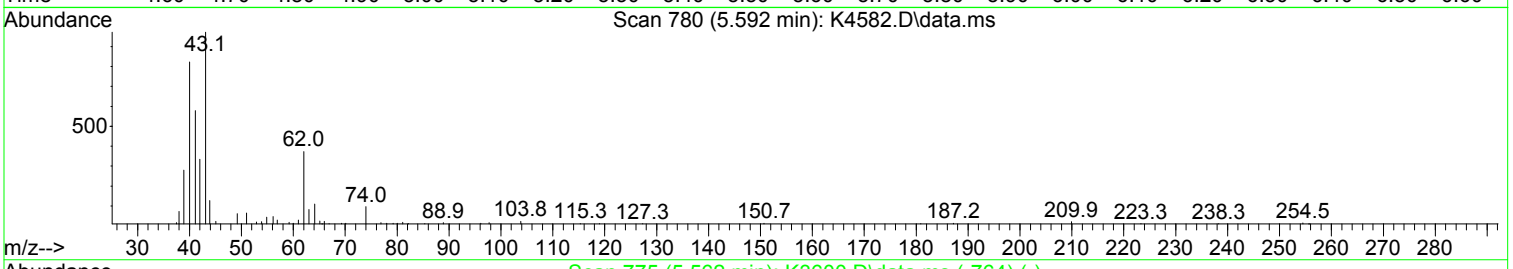
07/31/24

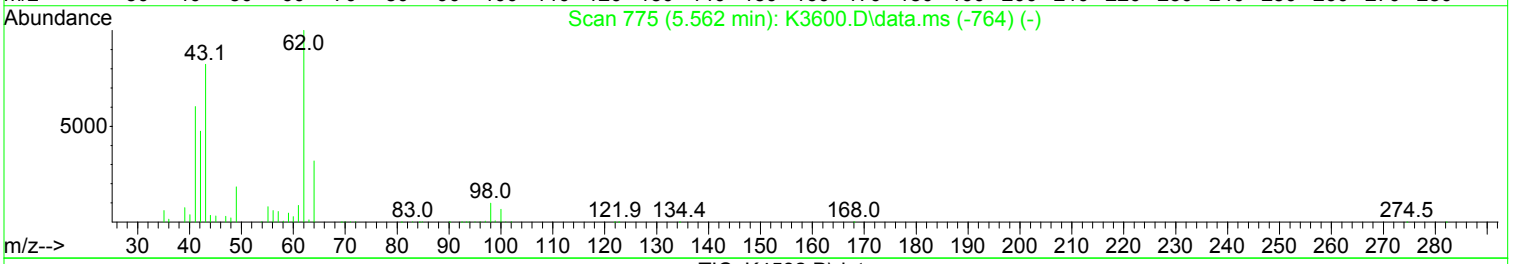
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(50) Iso-Butyl Alcohol

5.592min (+ 0.030) 9.35 ug/L

response 2883

Ion	Exp%	Act%
43.10	100.00	100.00
41.10	73.40	59.57
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

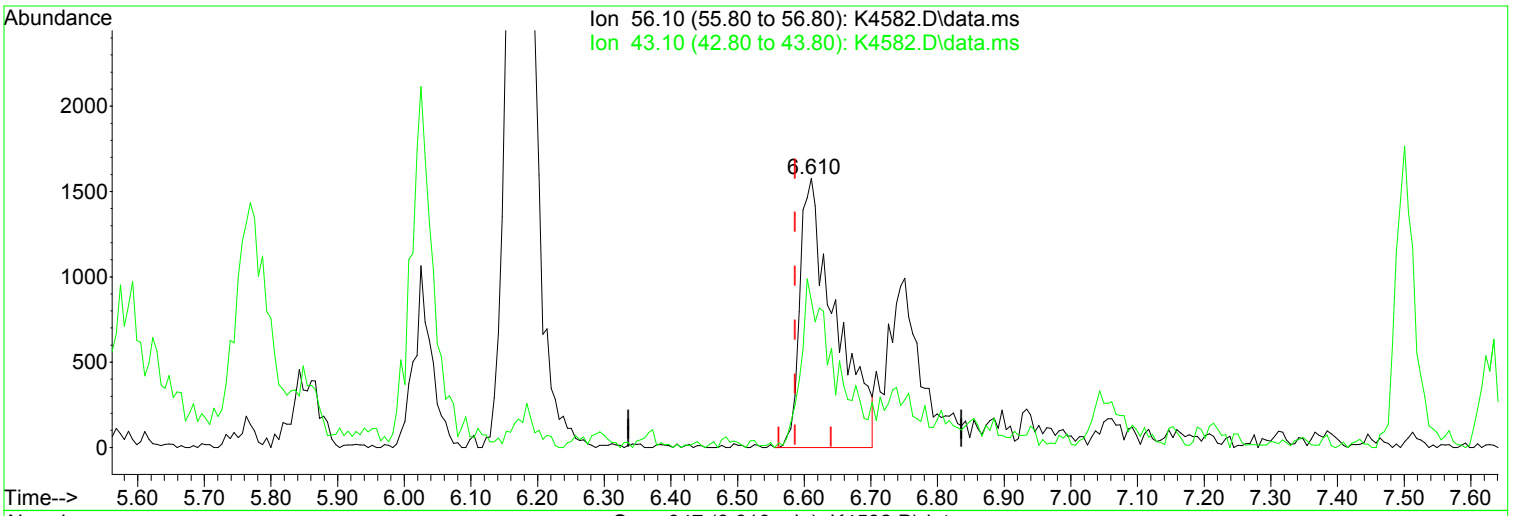
Before

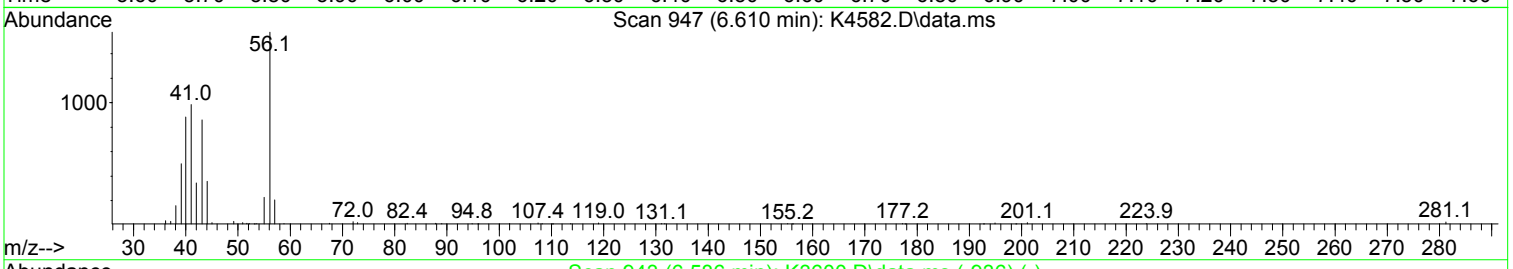
07/31/24

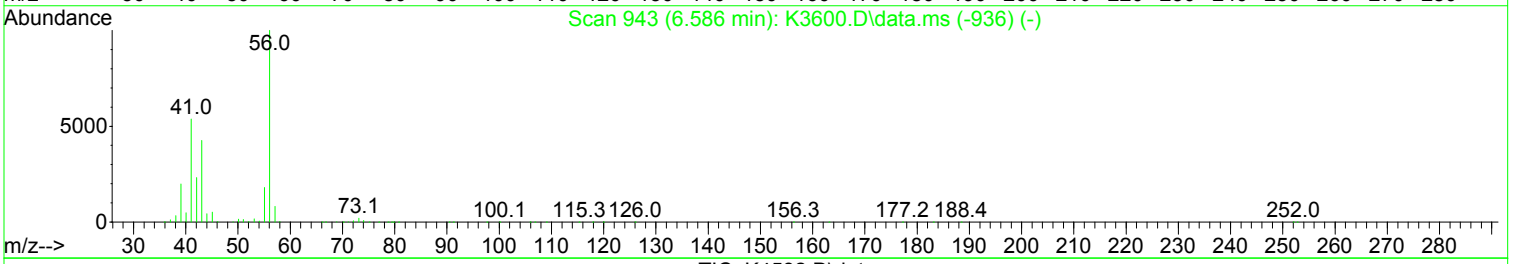
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(52) 1-Butanol

6.610min (+ 0.024) 28.79 ug/L m

response 5818

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	42.60	54.63
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

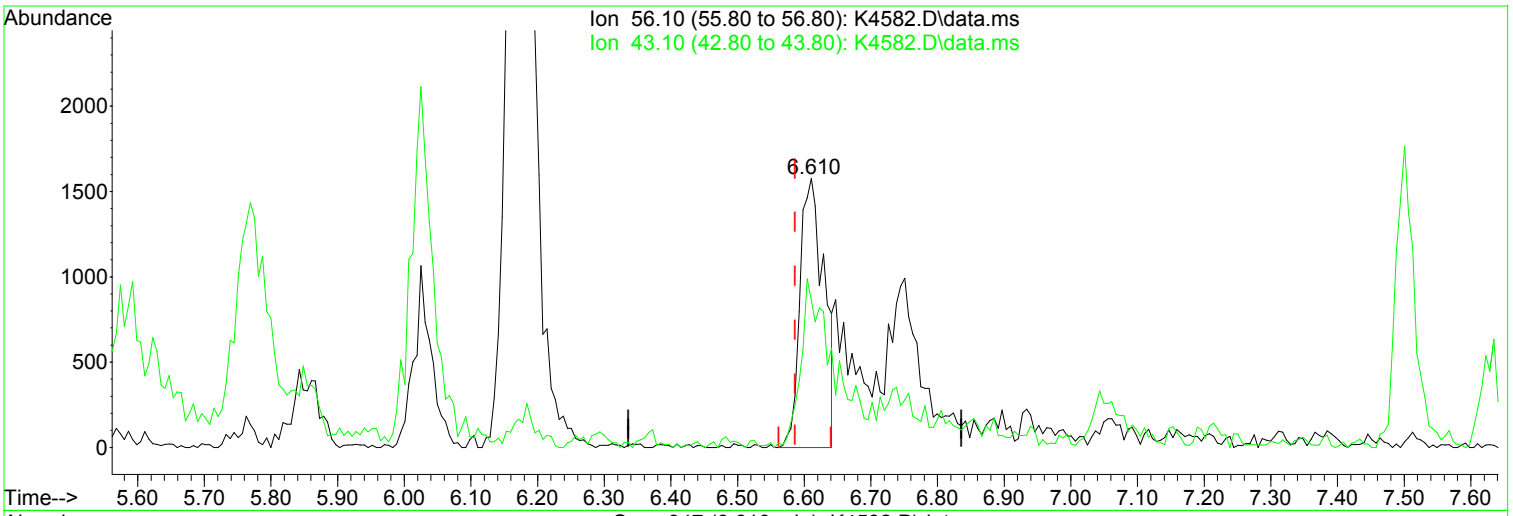
Poor integration.

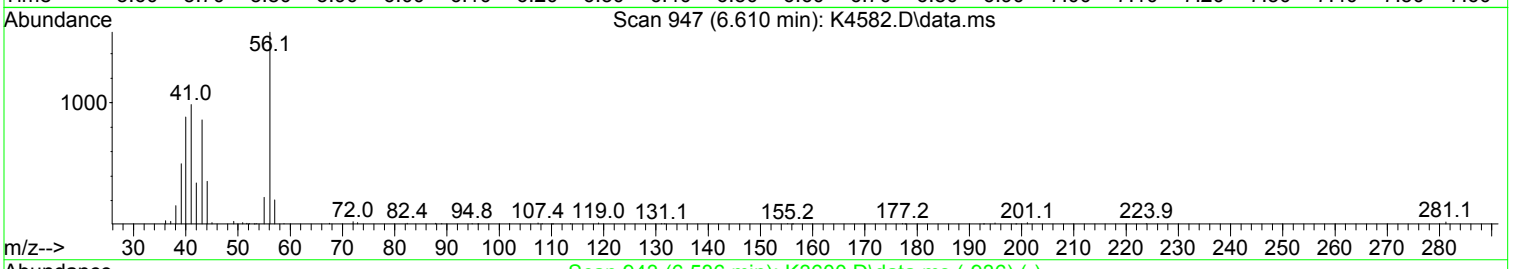
07/31/24

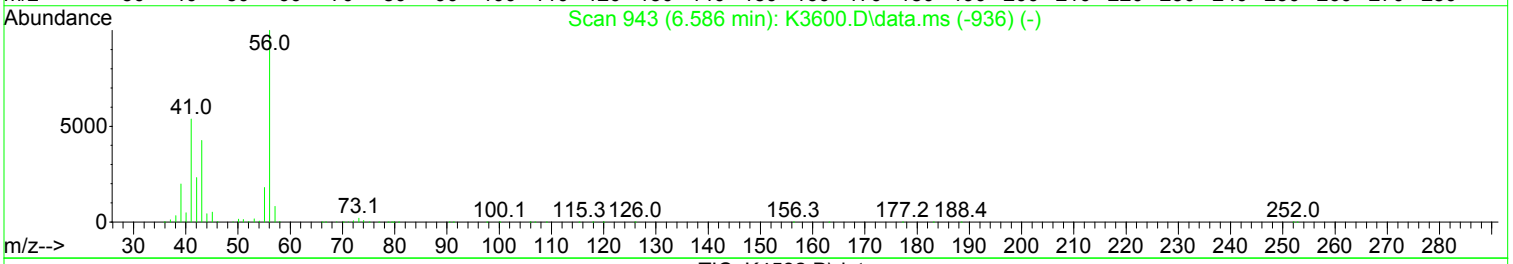
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(52) 1-Butanol

6.610min (+ 0.024) 19.62 ug/L

response 3965

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	42.60	54.63
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

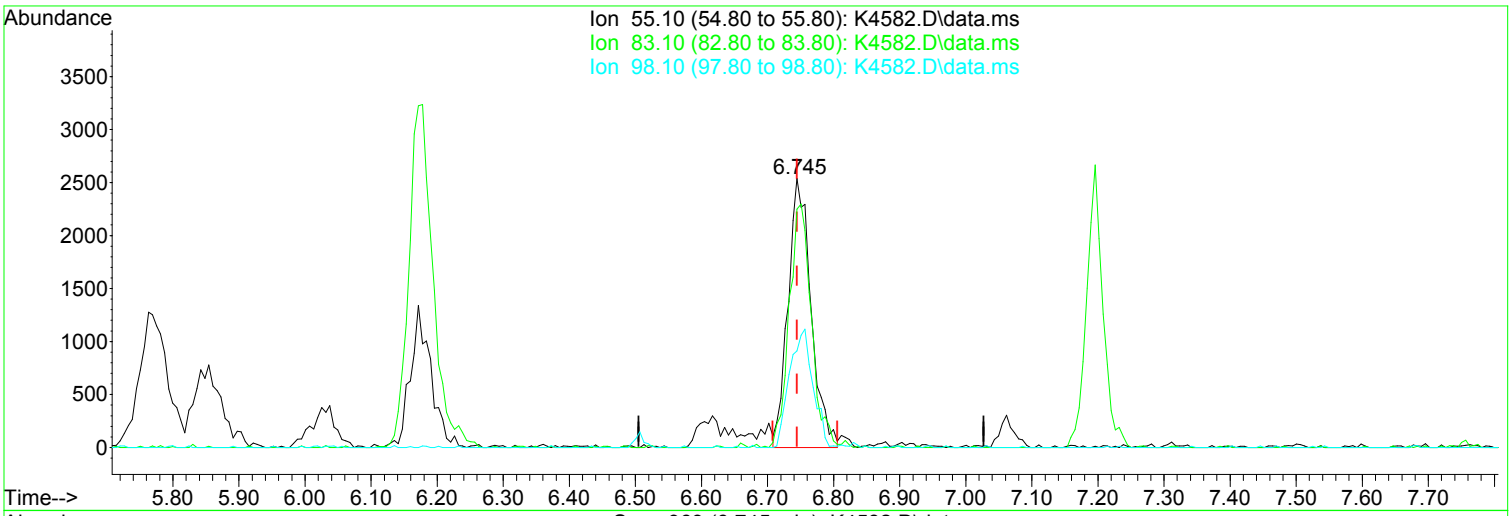
Before

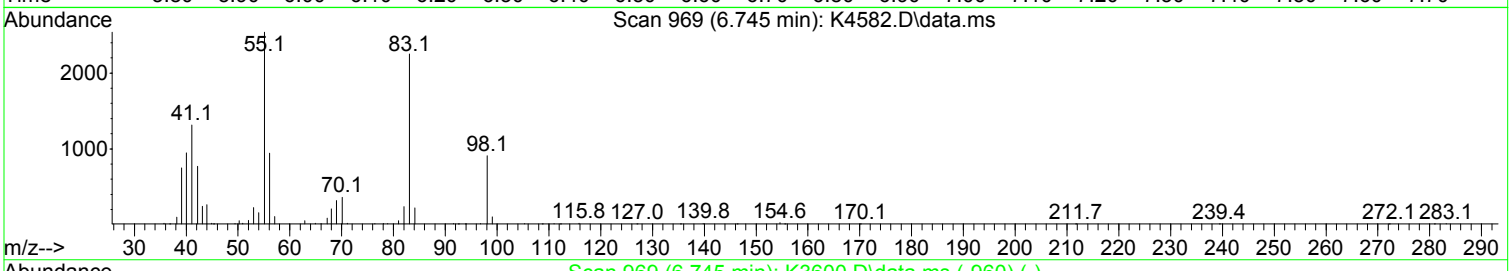
07/31/24

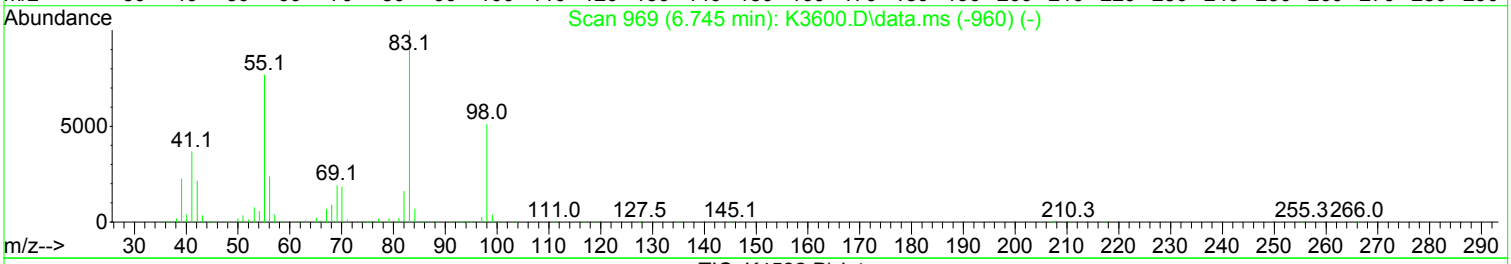
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(54) Methylcyclohexane (P)

6.745min (-0.000) 1.14 ug/L m

response 6147

Ion	Exp%	Act%
55.10	100.00	100.00
83.10	129.30	88.65#
98.10	65.80	35.89#
0.00	0.00	0.00

Manual Integration:

After

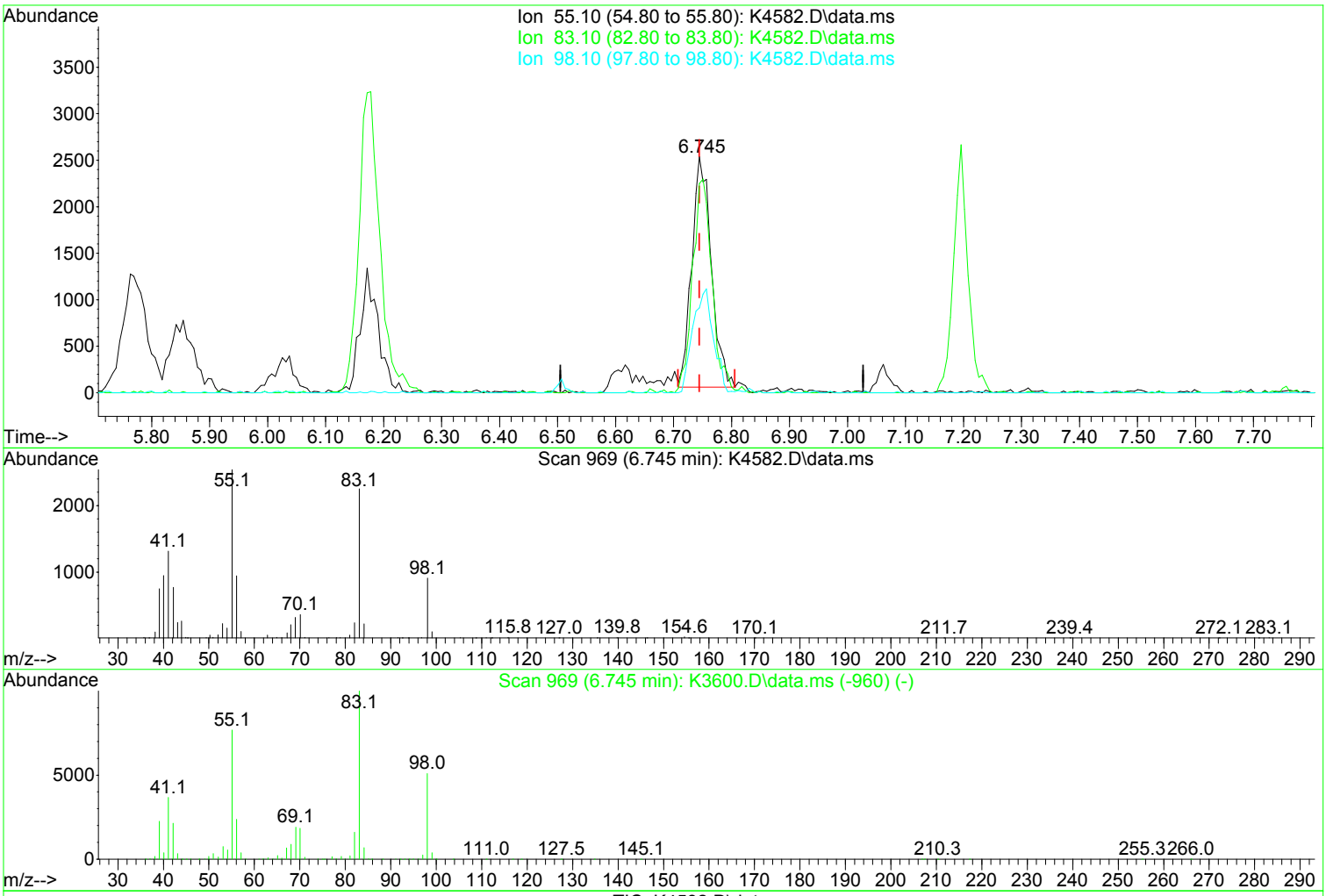
Poor integration.

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(54) Methylcyclohexane (P)

6.745min (-0.000) 1.08 ug/L

response 5790

Ion	Exp%	Act%
55.10	100.00	100.00
83.10	129.30	88.65#
98.10	65.80	35.89#
0.00	0.00	0.00

Manual Integration:

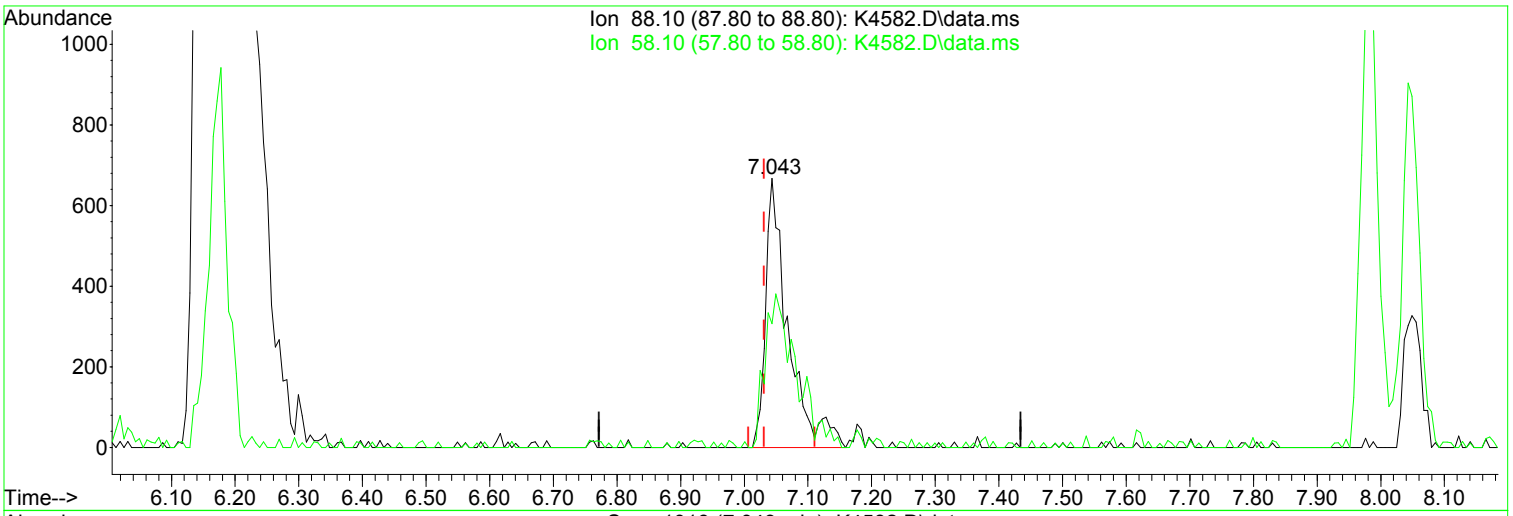
Before

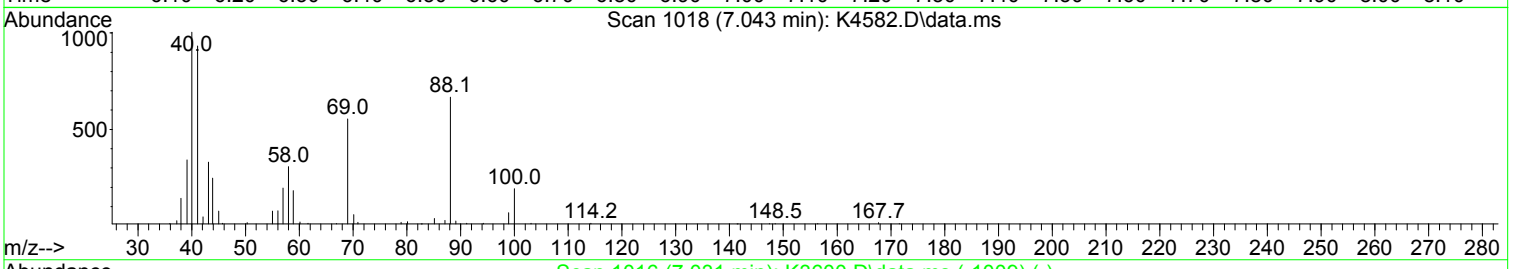
07/31/24

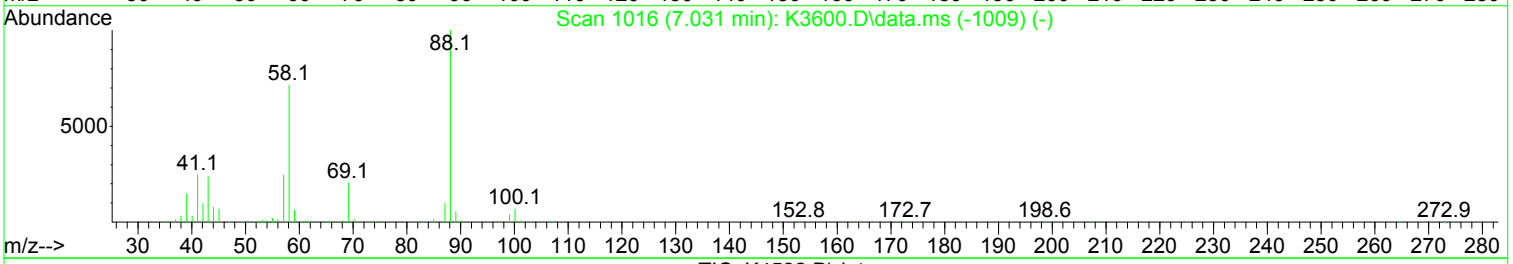
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(57) 1,4-Dioxane

7.043min (+ 0.012) 19.96 ug/L m

response 1641

Ion	Exp%	Act%
88.10	100.00	100.00
58.10	71.50	46.03#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

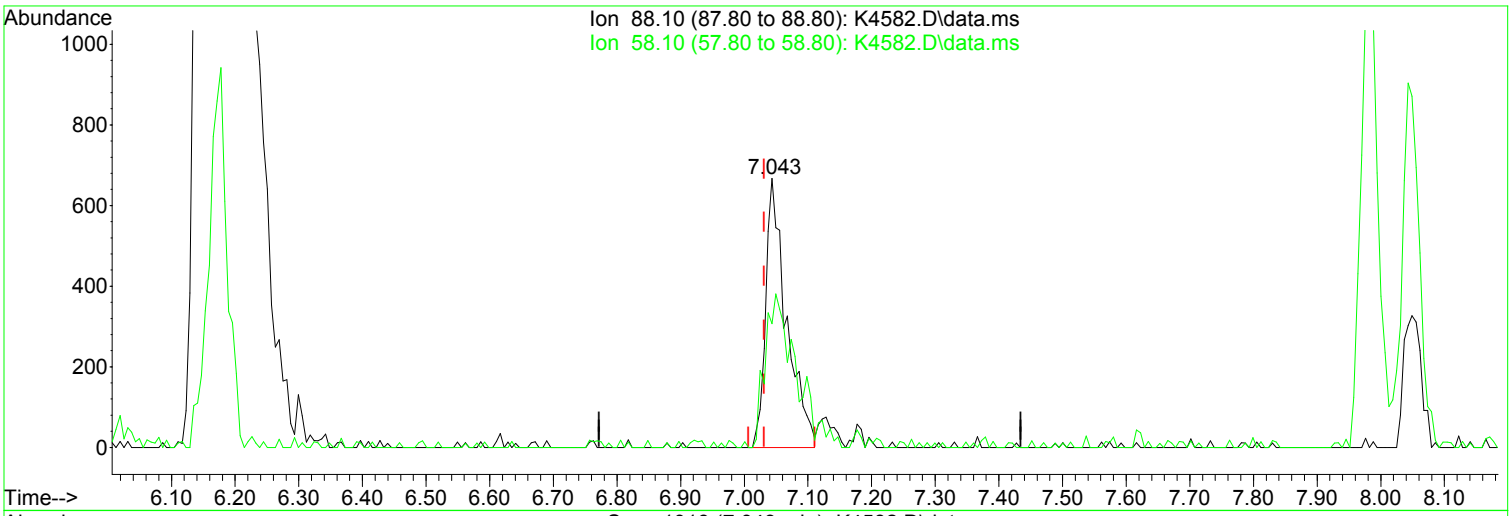
Poor integration.

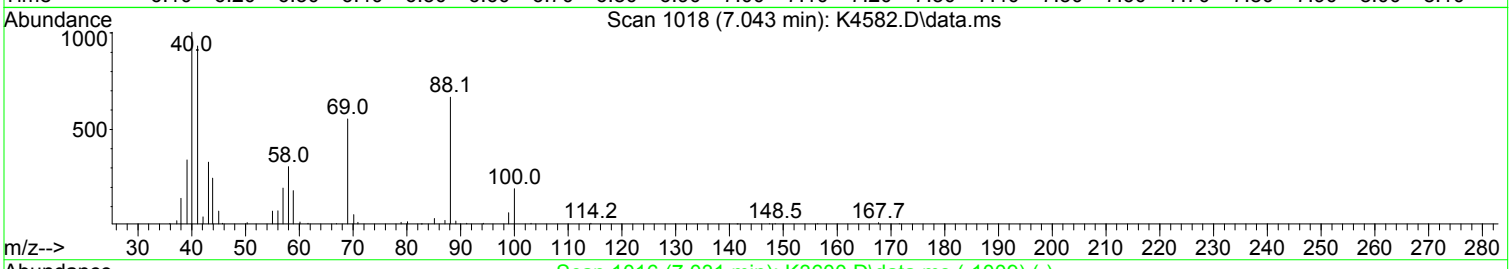
07/31/24

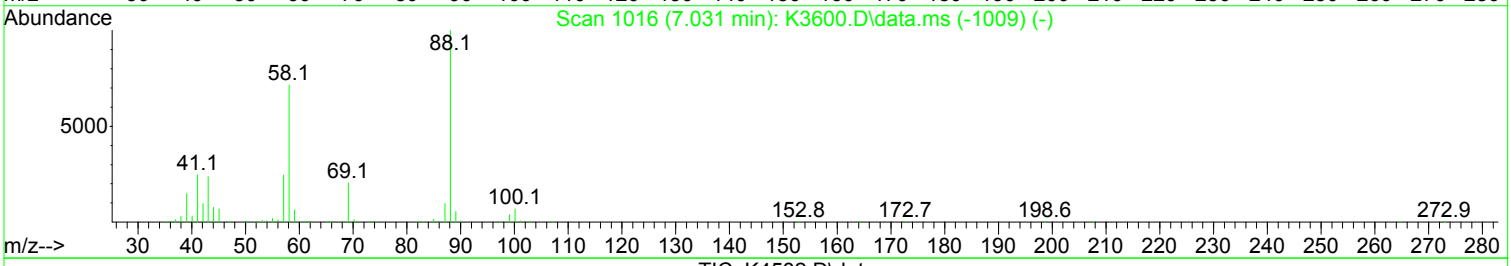
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4582.D\data.ms

(57) 1,4-Dioxane

7.043min (+ 0.012) 18.40 ug/L

response 1513

Ion	Exp%	Act%
88.10	100.00	100.00
58.10	71.50	46.03#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

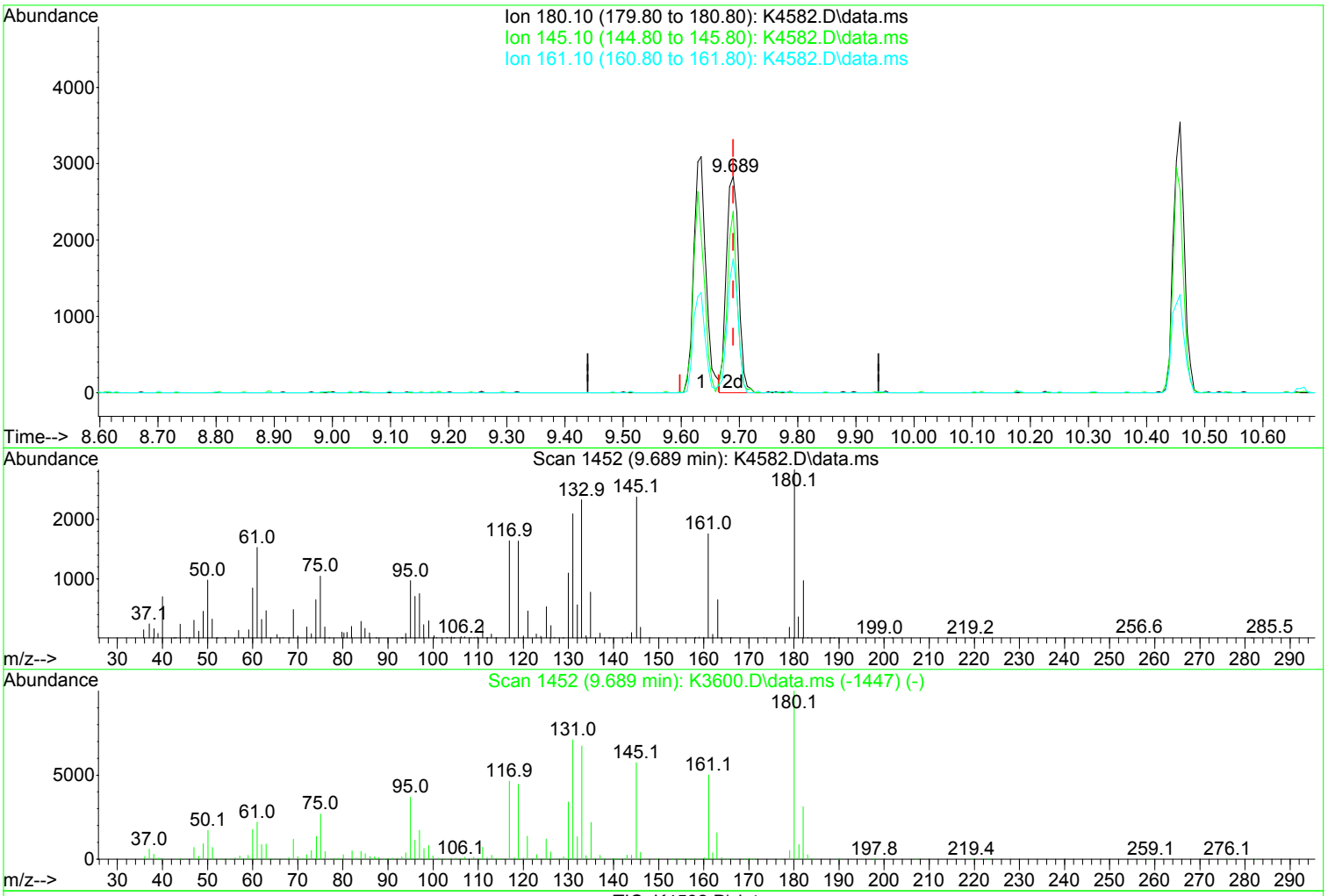
Before

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(79) 4-Chlorobenzotrifluoride

9.689min (-0.000) 1.04 ug/L m

response 4161

Ion	Exp%	Act%
180.10	100.00	100.00
145.10	57.50	83.90#
161.10	49.80	62.01
0.00	0.00	0.00

Manual Integration:

After

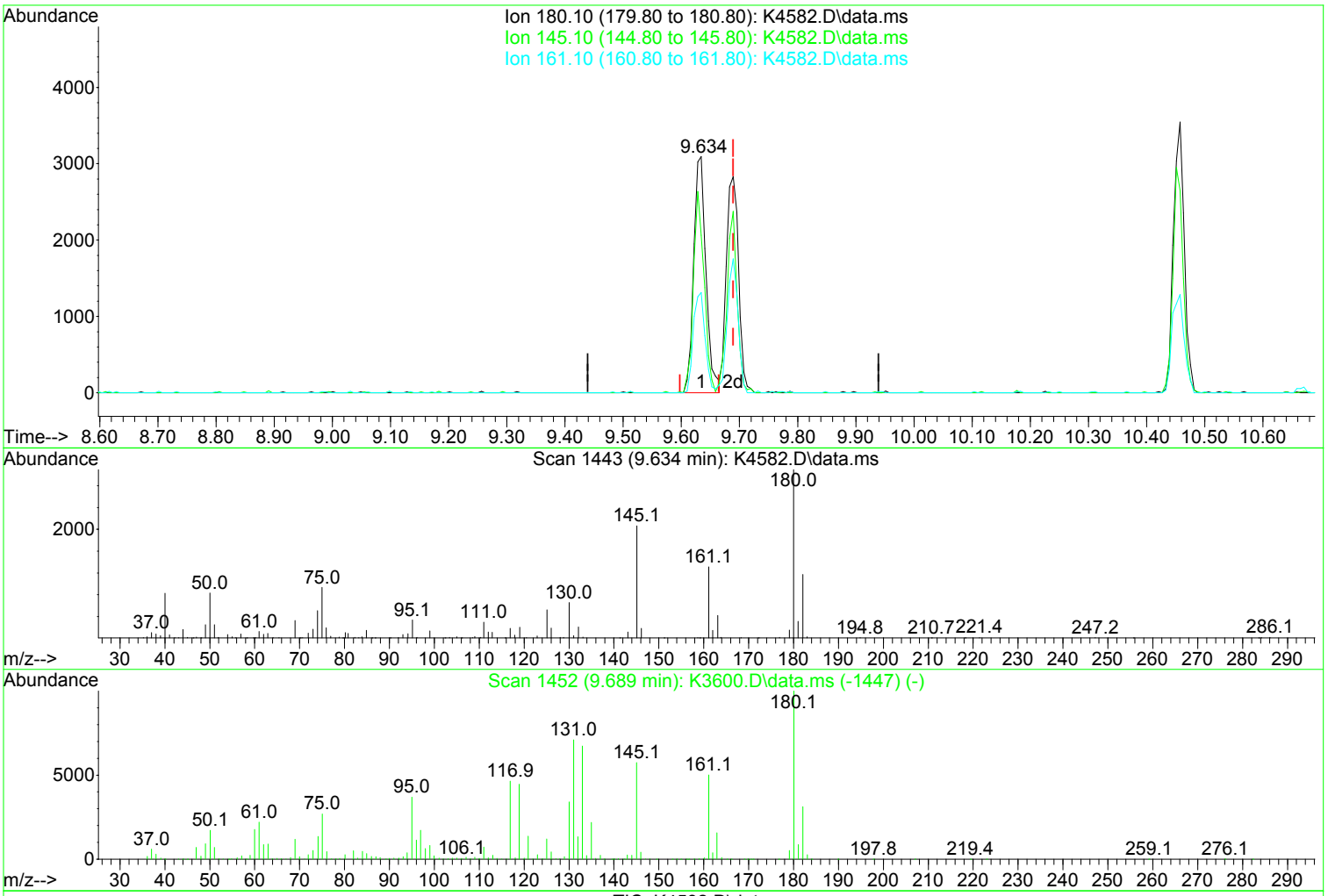
Wrong peak selected.

07/31/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4582.D\data.ms

(79) 4-Chlorobenzotrifluoride

9.634min (-0.055) 1.14 ug/L

response 4541

Ion	Exp%	Act%
180.10	100.00	100.00
145.10	57.50	66.72
161.10	49.80	42.43
0.00	0.00	0.00

Manual Integration:

Before

07/31/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	358443	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.171	114	600446	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	531109	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	235078	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	38822	10.36	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 20.72%#				
47) surr1,1,2-dichloroetha...	5.416	65	57157	11.16	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 22.32%#				
64) SURR3,Toluene-d8	8.049	98	151165	11.00	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 22.00%#				
69) SURR2,BFB	10.665	95	58256	10.78	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 21.56%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.087	51	4930	1.011	ug/L		94
3) Dichlorodifluoromethane	1.075	85	4359m	1.041	ug/L		
4) Chloromethane	1.209	50	4963m	1.055	ug/L		
5) Vinyl Chloride	1.264	62	5249m	1.082	ug/L		
6) Bromomethane	1.477	94	2656	1.373	ug/L		92
7) Chloroethane	1.538	64	3391	1.103	ug/L		88
8) Freon 21	1.678	67	6652	1.017	ug/L		97
9) Trichlorofluoromethane	1.721	101	5517	1.022	ug/L		90
10) Diethyl Ether	1.928	59	4131	1.064	ug/L	#	79
11) Freon 123a	1.941	67	3857	1.002	ug/L		84
12) Freon 123	1.989	83	4518m	1.029	ug/L		
13) Acrolein	2.032	56	2555	4.512	ug/L		80
14) 1,1-Diclethene	2.105	96	3006	0.989	ug/L	#	82
15) Freon 113	2.111	101	3283	1.051	ug/L		93
16) Acetone	2.154	43	4157	1.449	ug/L		89
17) 2-Propanol	2.282	45	10031	17.729	ug/L		93
18) Iodomethane	2.221	142	4225	0.892	ug/L		100
19) Carbon Disulfide	2.276	76	6816	0.911	ug/L		98
20) Acetonitrile/Allyl Chl...	2.410	41	9474	6.276	ug/L		75
21) Methyl Acetate	2.440	43	5623	1.123	ug/L		89
22) Methylene Chloride	2.520	84	5905	1.315	ug/L	#	58
23) TBA	2.648	59	18737	17.866	ug/L		87
24) Acrylonitrile	2.764	53	13425	5.126	ug/L		94
25) Methyl-t-Butyl Ether	2.800	73	12675m	1.101	ug/L		
26) trans-1,2-Dichloroethene	2.782	96	3686	1.106	ug/L		93
27) 1,1-Diclethane	3.245	63	6812	0.991	ug/L		97
28) Vinyl Acetate	3.349	86	439m	0.654	ug/L		
29) DIPE	3.361	45	12620	1.040	ug/L		77
30) 2-Chloro-1,3-Butadiene	3.361	53	6792m	0.976	ug/L		
31) ETBE	3.849	59	13472	1.048	ug/L		89
32) 2,2-Dichloropropane	4.013	77	3979	0.920	ug/L		78
33) cis-1,2-Dichloroethene	4.026	96	4111	1.076	ug/L		86
34) 2-Butanone	4.086	43	3363	0.982	ug/L		84
35) Propionitrile	4.166	54	5784	4.945	ug/L		93
36) Bromochloromethane	4.379	130	2613	1.032	ug/L	#	37
37) Methacrylonitrile	4.397	67	2043m	0.937	ug/L		
38) Tetrahydrofuran	4.501	42	2378	1.089	ug/L		78
39) Chloroform	4.550	83	6901	1.080	ug/L		96
40) 1,1,1-Trichloroethane	4.836	97	5666m	1.105	ug/L		

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.763	73	10487m	1.058	ug/L		
43) Cyclohexane	4.922	41	4104	1.161	ug/L		73
45) Carbontetrachloride	5.135	117	5237m	1.097	ug/L		
46) 1,1-Dichloropropene	5.147	75	4970	1.127	ug/L		86
48) Benzene	5.495	78	13557m	1.062	ug/L		
49) 1,2-Dichloroethane	5.550	62	6984	1.091	ug/L		96
50) Iso-Butyl Alcohol	5.592	43	4548m	14.752	ug/L		
51) n-Heptane	6.025	43	4799	0.998	ug/L	#	65
52) 1-Butanol	6.610	56	5818m	28.793	ug/L		
53) Trichloroethene	6.507	130	4003	1.051	ug/L		88
54) Methylcyclohexane	6.745	55	6147m	1.144	ug/L		
55) 1,2-Diclpropane	6.806	63	4372	1.125	ug/L		83
56) Dibromomethane	6.952	93	2571	1.055	ug/L		90
57) 1,4-Dioxane	7.043	88	1641m	19.959	ug/L		
58) Methyl Methacrylate	7.068	69	3318	1.021	ug/L	#	67
59) Bromodichloromethane	7.196	83	4603	1.005	ug/L		96
60) 2-Nitropropane	7.500	41	2583	1.578	ug/L		88
61) 2-Chloroethylvinyl Ether	7.622	63	1326	1.056	ug/L		74
62) cis-1,3-Dichloropropene	7.750	75	5069	0.972	ug/L		95
63) 4-Methyl-2-pentanone	7.982	43	5903	0.969	ug/L		83
65) Toluene	8.122	91	16240	1.114	ug/L		95
66) trans-1,3-Dichloropropene	8.415	75	4476	0.893	ug/L		93
67) Ethyl Methacrylate	8.567	69	5504	0.981	ug/L	#	63
68) 1,1,2-Trichloroethane	8.598	97	3862	1.099	ug/L		97
71) Tetrachloroethene	8.726	164	2848	1.087	ug/L		93
72) 2-Hexanone	8.915	43	4390	0.938	ug/L		78
73) 1,3-Dichloropropane	8.775	76	6331	1.105	ug/L	#	66
74) Dibromochloromethane	9.000	129	3441	0.930	ug/L		97
75) N-Butyl Acetate	9.073	43	8805	0.981	ug/L		94
76) 1,2-Dibromoethane	9.098	107	4045	1.067	ug/L		93
77) 3-Chlorobenzotrifluoride	9.634	180	4541	1.052	ug/L	#	93
78) Chlorobenzene	9.598	112	11419	1.147	ug/L		99
79) 4-Chlorobenzotrifluoride	9.689	180	4161m	1.041	ug/L		
80) 1,1,1,2-Tetrachloroethane	9.695	131	3482	0.971	ug/L		90
81) Ethylbenzene	9.726	106	5526	1.104	ug/L		94
82) (m+p)Xylene	9.842	106	13144	2.134	ug/L		96
83) o-Xylene	10.201	106	6308	1.028	ug/L		99
84) Styrene	10.213	104	10004	0.969	ug/L		91
85) Bromoform	10.366	173	1737	0.830	ug/L		97
86) 2-Chlorobenzotrifluoride	10.457	180	4609	1.054	ug/L		98
87) Isopropylbenzene	10.543	105	15995	1.017	ug/L		93
88) Cyclohexanone	10.610	55	21679	18.657	ug/L		95
89) trans-1,4-Dichloro-2-B...	10.860	53	2283	1.029	ug/L	#	72
91) 1,1,2,2-Tetrachloroethane	10.811	83	5428	1.103	ug/L		92
92) Bromobenzene	10.780	156	4273	1.139	ug/L	#	75
93) 1,2,3-Trichloropropane	10.835	110	1973	1.106	ug/L		86
94) n-Propylbenzene	10.896	91	18825	1.105	ug/L		96
95) 2-Chlorotoluene	10.957	91	12158	1.135	ug/L		96
96) 3-Chlorotoluene	11.012	91	12386	1.143	ug/L		99
97) 4-Chlorotoluene	11.055	91	13991	1.135	ug/L		95
98) 1,3,5-Trimethylbenzene	11.055	105	14229	1.103	ug/L		98
99) tert-Butylbenzene	11.323	119	12111	1.100	ug/L		99
100) 1,2,4-Trimethylbenzene	11.366	105	14131	1.080	ug/L		96
101) 3,4-Dichlorobenzotrifl...	11.433	214	3202	1.127	ug/L		90
102) sec-Butylbenzene	11.512	105	16514	1.071	ug/L		98
103) p-Isopropyltoluene	11.634	119	14786	1.091	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

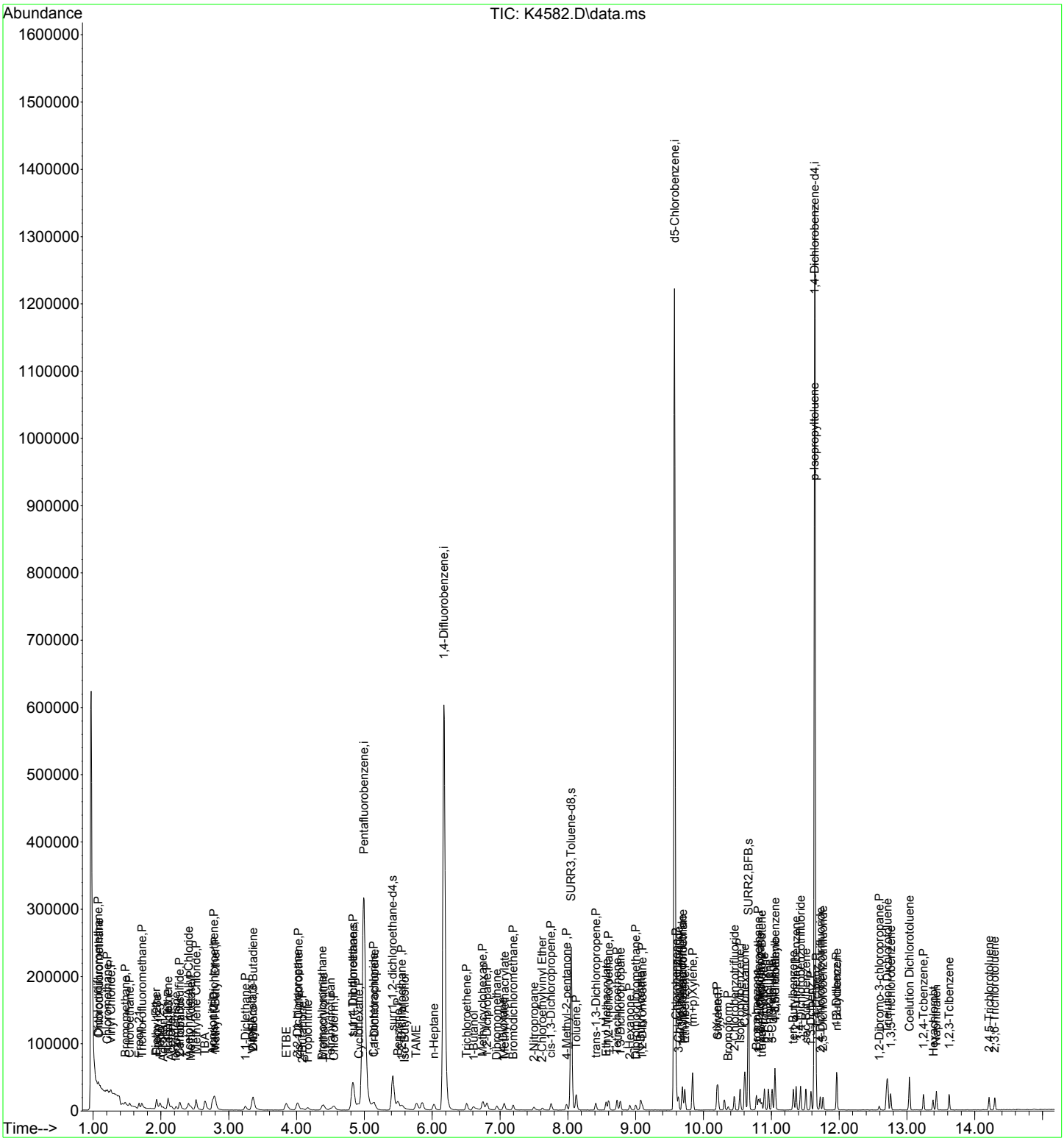
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
104) 1,3-Dclbenz	11.585	146	8052	1.121	ug/L		92
105) 1,4-Dclbenz	11.664	146	8259	1.139	ug/L		98
106) 2,4-Dichlorobenzotrifl...	11.725	214	2783	1.113	ug/L		91
107) 2,5-Dichlorobenzotrifl...	11.762	214	3167	1.136	ug/L		92
108) n-Butylbenzene	11.969	91	12447	1.054	ug/L		99
109) 1,2-Dclbenz	11.963	146	7835	1.105	ug/L		94
110) 1,2-Dibromo-3-chloropr...	12.591	157	952	0.813	ug/L	#	80
111) Trielution Dichlorotol...	12.713	125	21600	3.232	ug/L		91
112) 1,3,5-Trichlorobenzene	12.762	180	4811	1.038	ug/L		95
113) Coelution Dichlorotoluene	13.036	125	15348	2.135	ug/L		94
114) 1,2,4-Tcbenzene	13.243	180	4739	1.055	ug/L		96
115) Hexachlorobt	13.390	225	1968	1.190	ug/L		93
116) Naphthalen	13.432	128	16597	0.977	ug/L		99
117) 1,2,3-Tclbenzene	13.621	180	4596	1.038	ug/L		92
118) 2,4,5-Trichlorotoluene	14.213	159	3749	1.063	ug/L		94
119) 2,3,6-Trichlorotoluene	14.292	159	3361	1.030	ug/L		89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4582.D
Acq On : 31 Jul 2024 03:58 pm
Operator : K.Ruest
Sample : 1.0ppb
Misc : 8260/624 ICAL
ALS Vial : 2 Sample Multiplier: 1

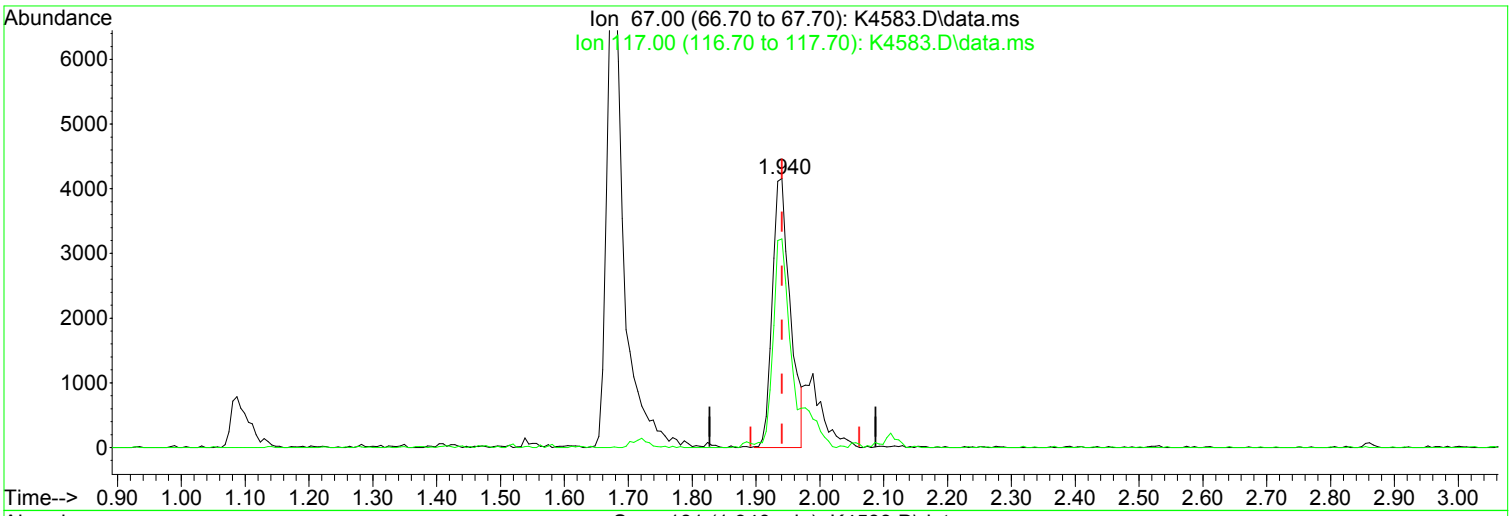
Quant Time: Jul 31 19:25:03 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

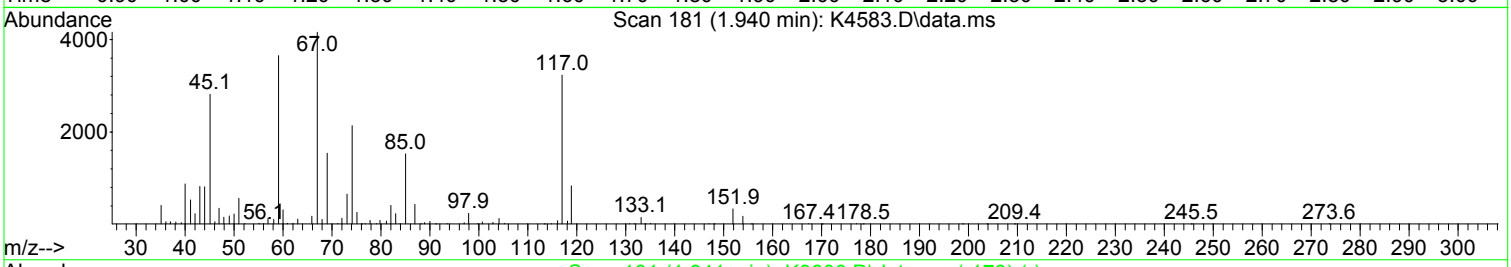


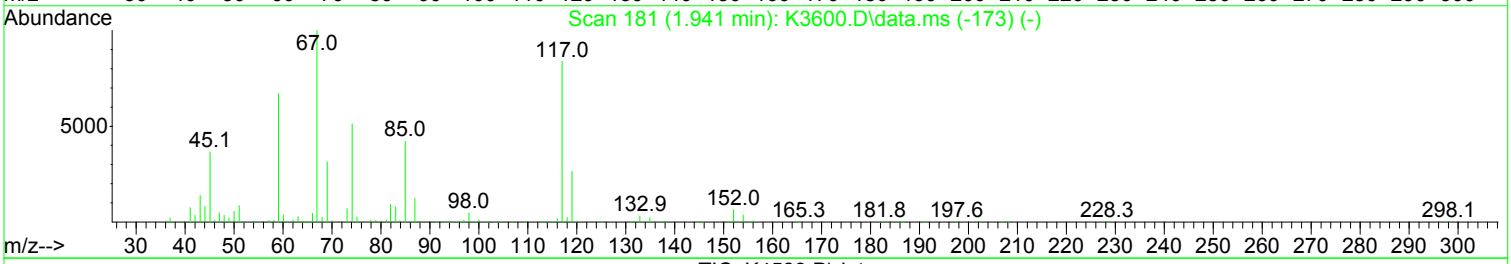
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(11) Freon 123a

1.940min (-0.000) 2.12 ug/L m

response 8134

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	85.30	77.61
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

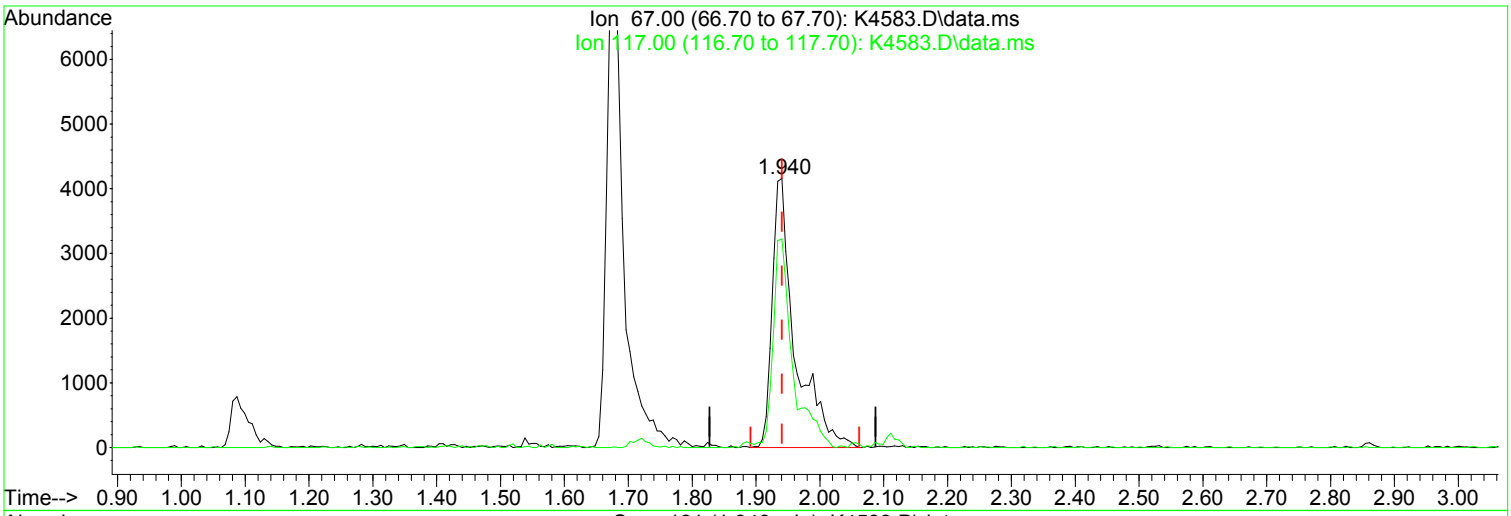
Poor integration.

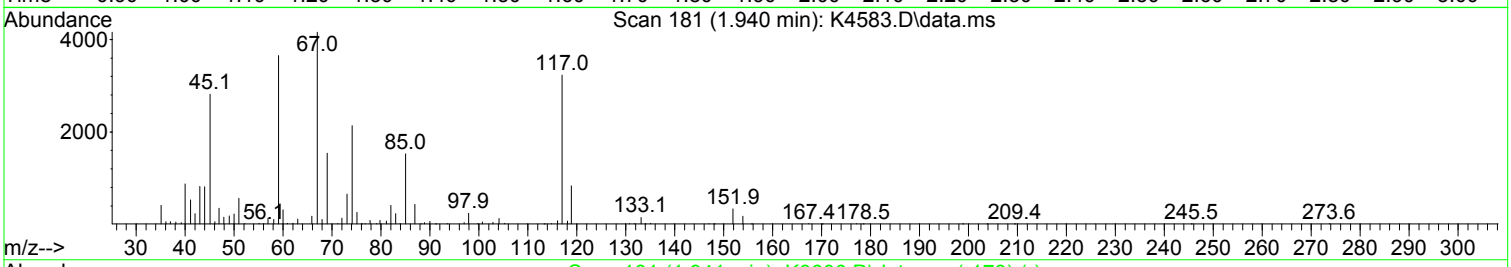
08/01/24

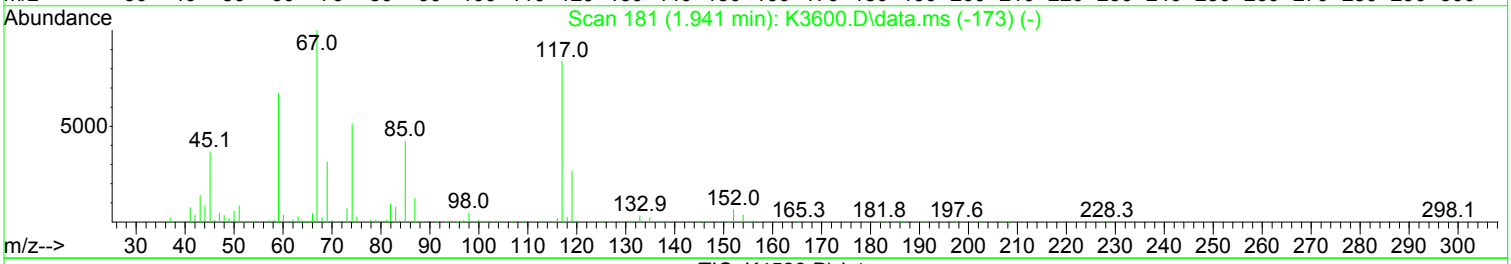
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(11) Freon 123a

1.940min (-0.000) 2.70 ug/L

response 10347

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	85.30	77.61
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

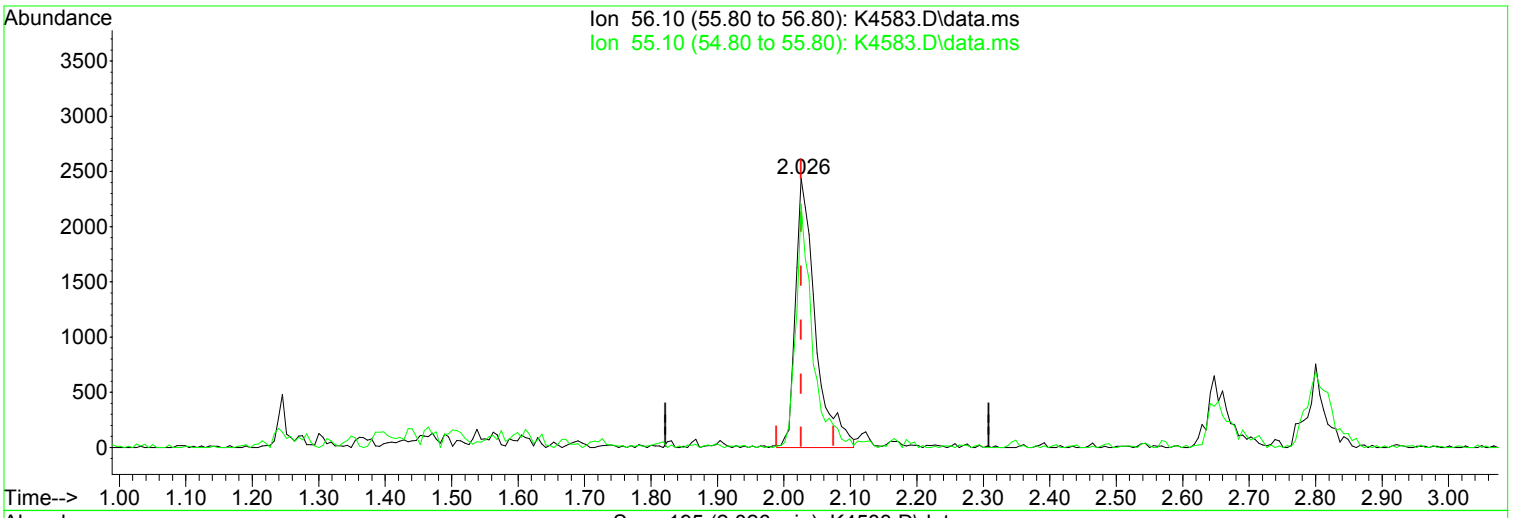
Before

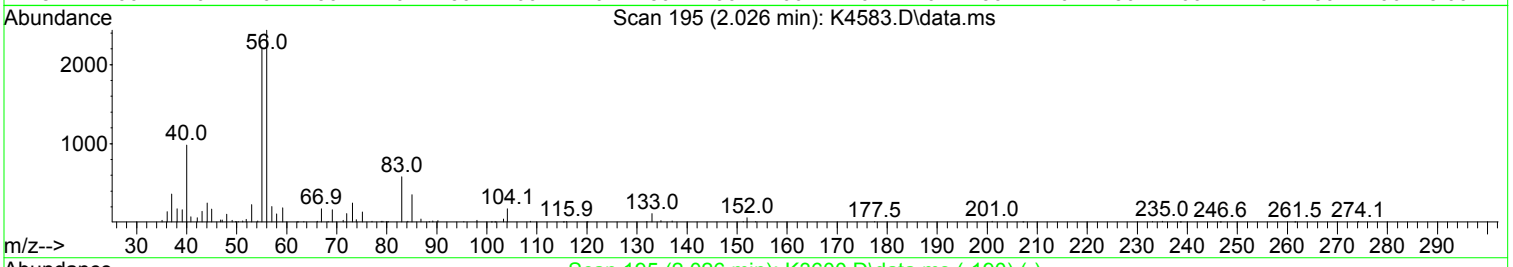
08/01/24

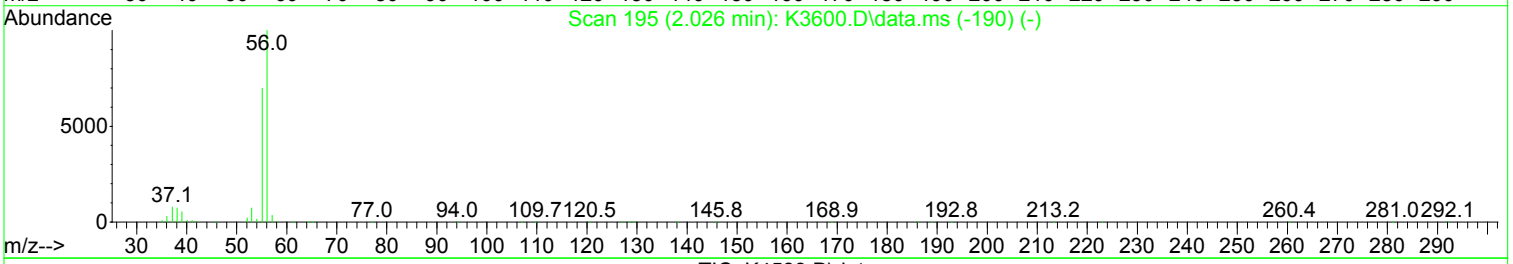
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(13) Acrolein

2.026min (-0.000) 8.95 ug/L m

response 5055

Ion	Exp%	Act%
56.10	100.00	100.00
55.10	70.10	90.48#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

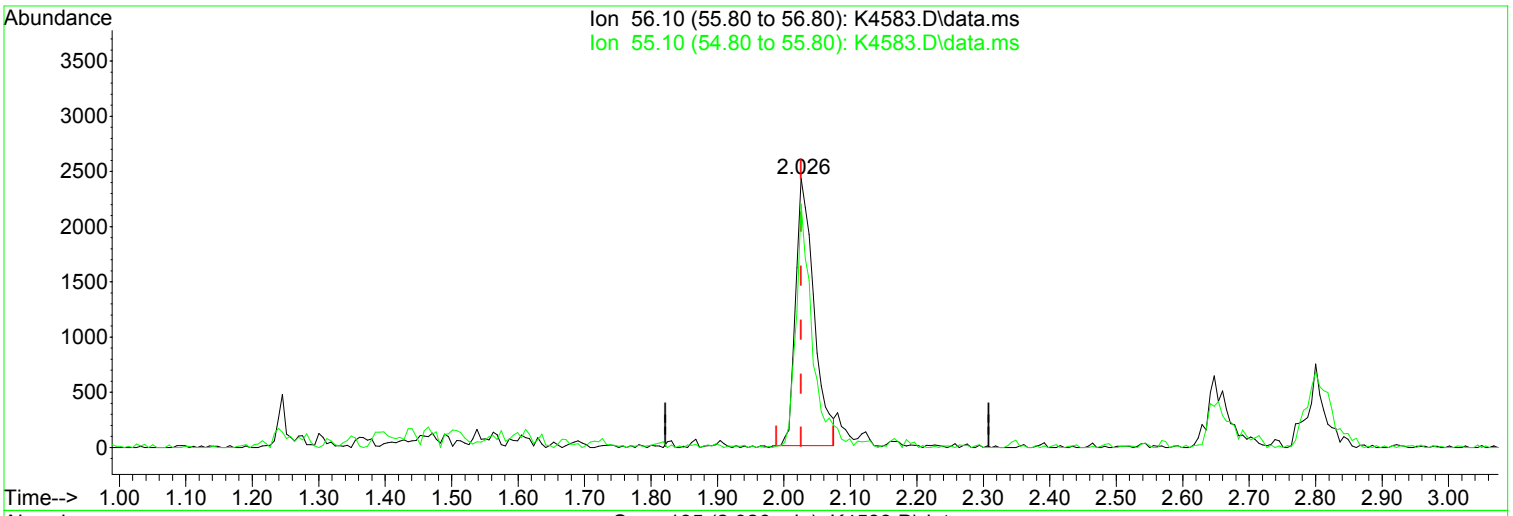
Poor integration.

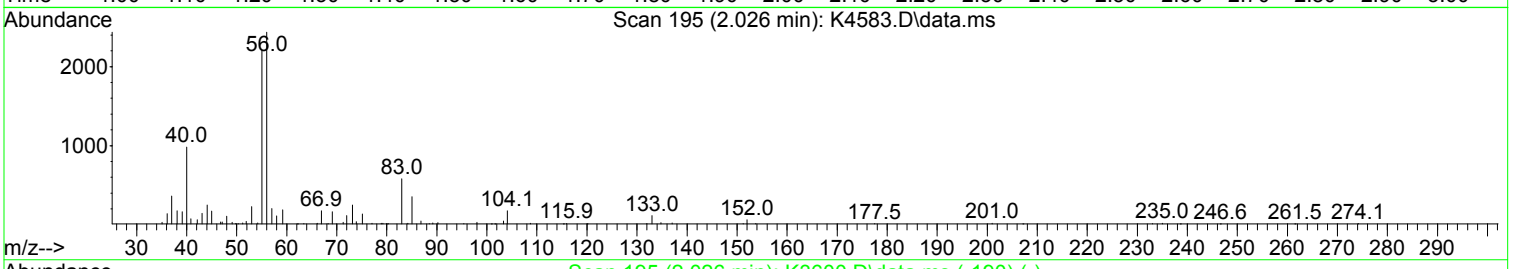
08/01/24

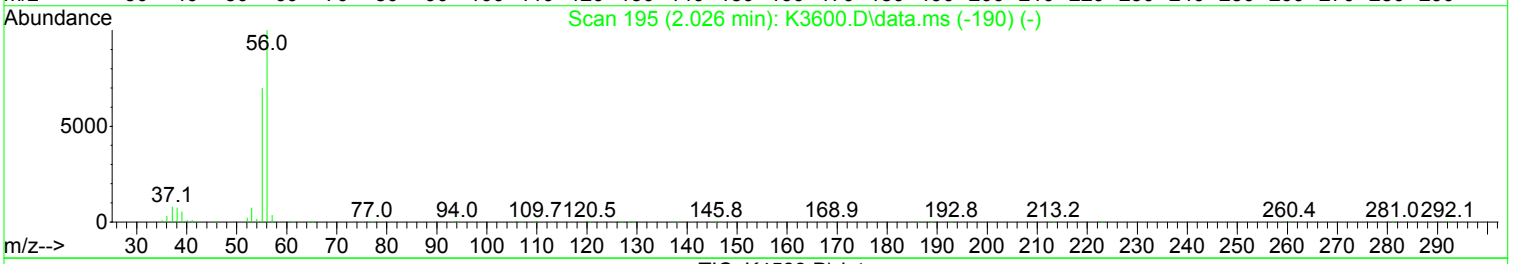
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(13) Acrolein

2.026min (-0.000) 8.24 ug/L

response 4654

Ion	Exp%	Act%
56.10	100.00	100.00
55.10	70.10	90.48#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

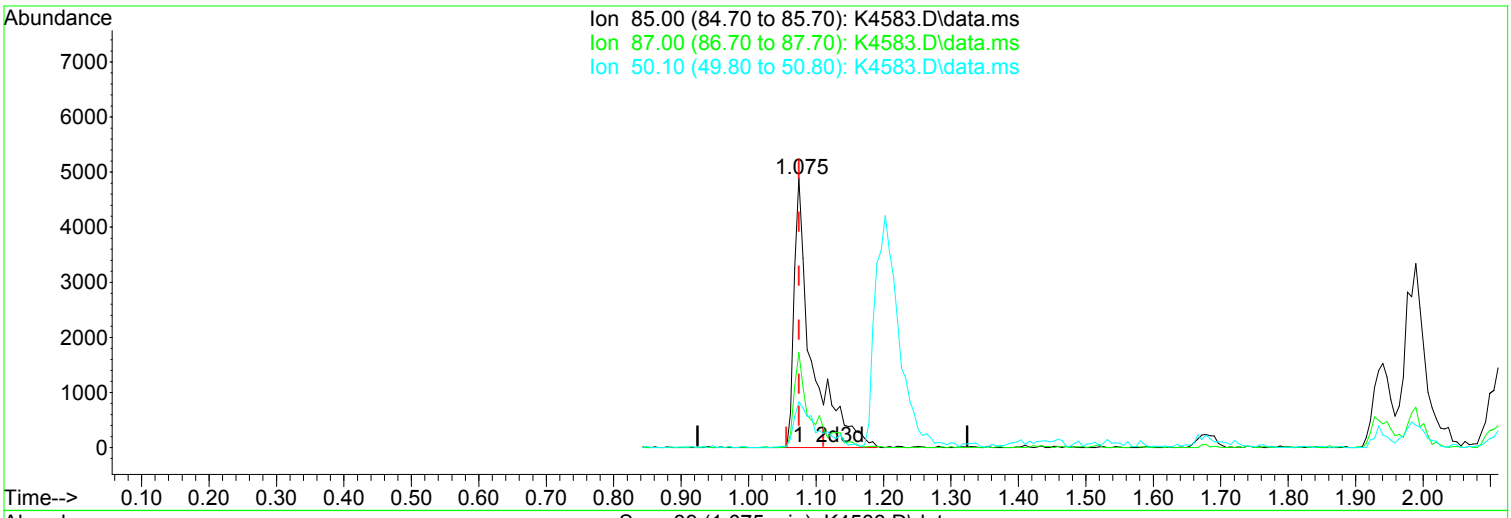
Before

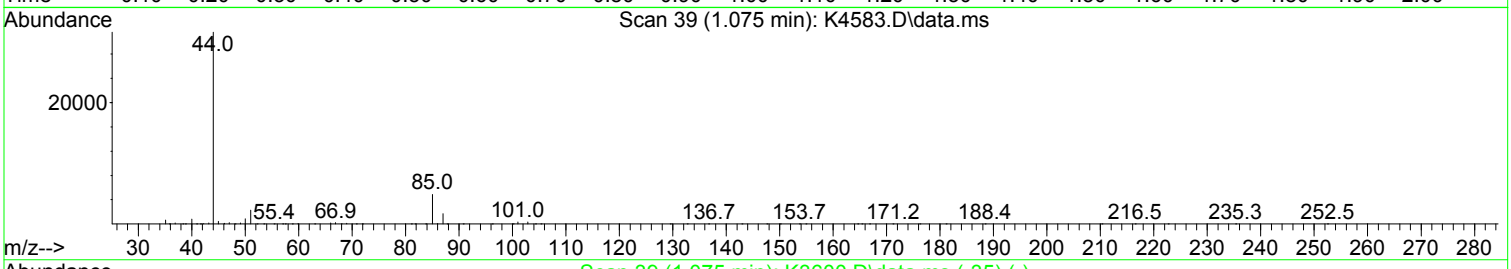
08/01/24

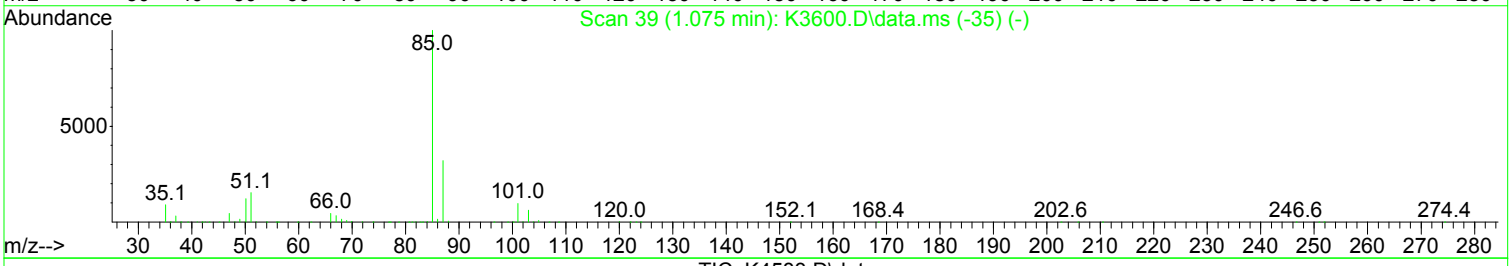
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 2.12 ug/L m

response 8840

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.00	35.31
50.10	12.20	17.00
0.00	0.00	0.00

Manual Integration:

After

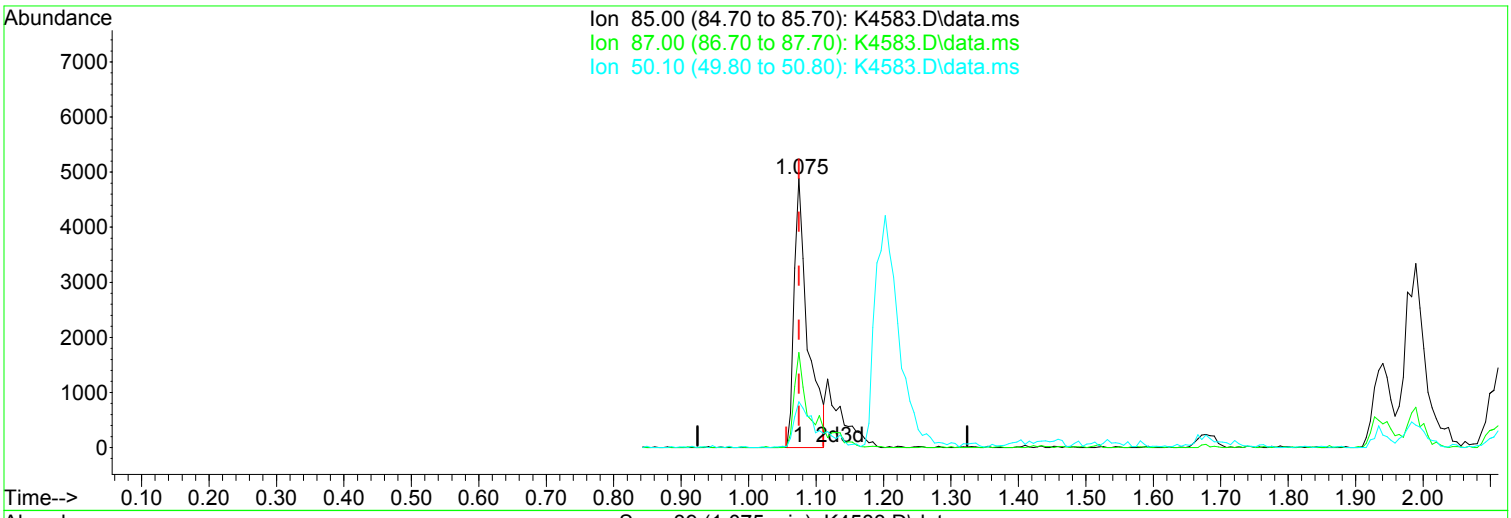
Split Peak.

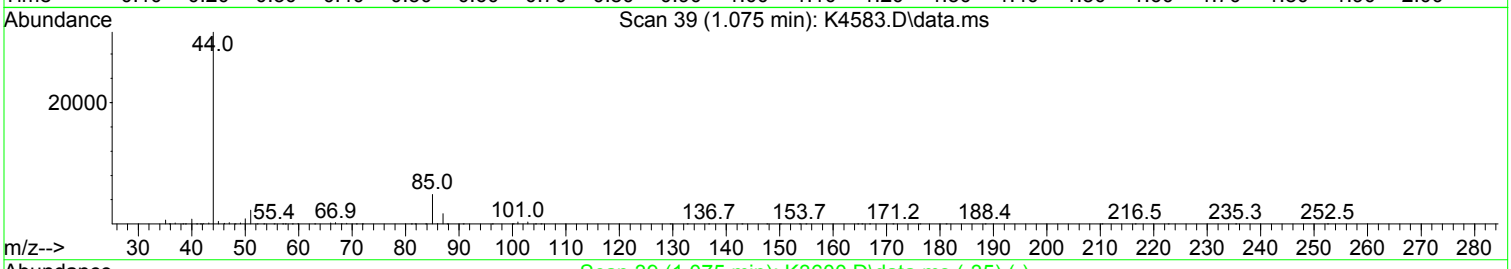
08/01/24

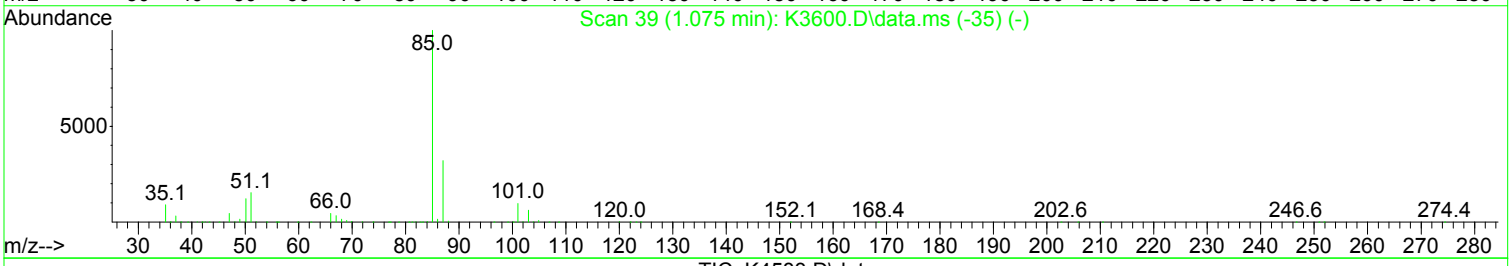
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 1.63 ug/L

response 6816

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.00	35.31
50.10	12.20	17.00
0.00	0.00	0.00

Manual Integration:

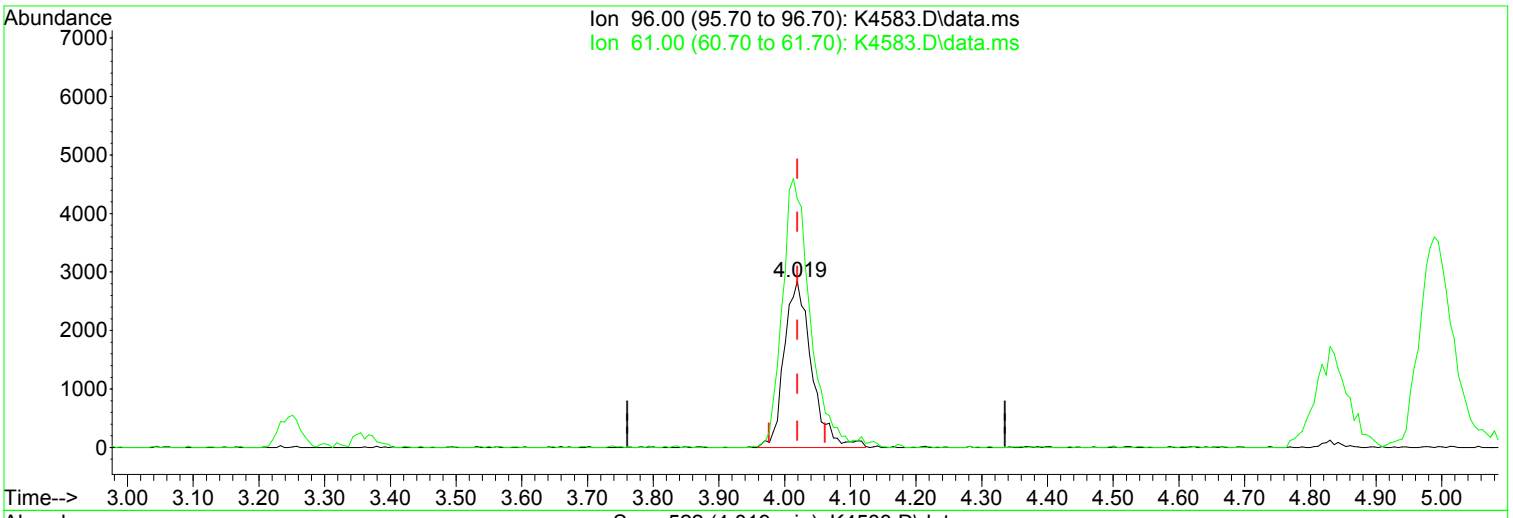
Before

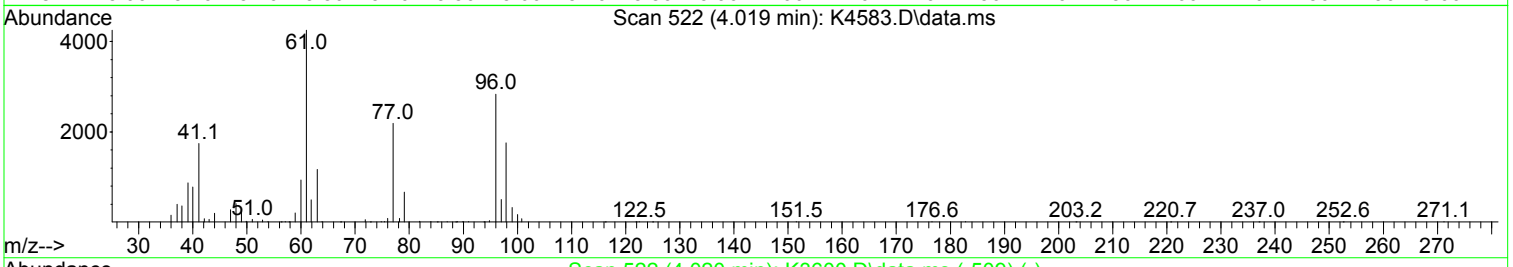
08/01/24

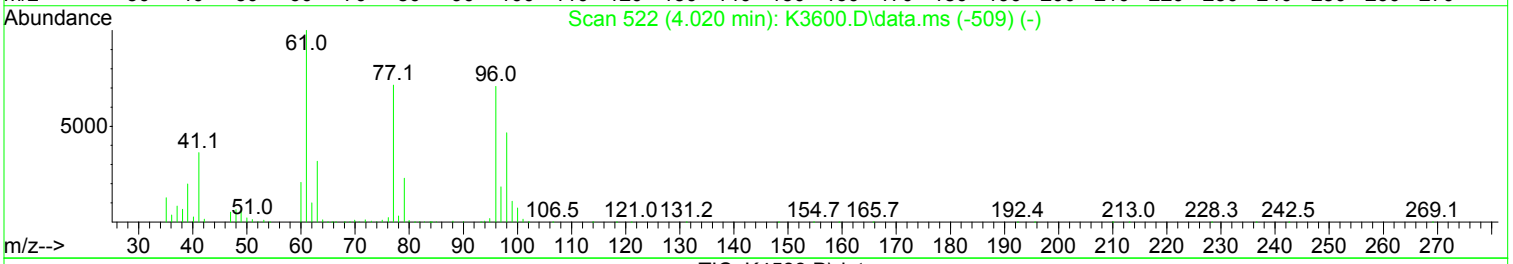
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(33) cis-1,2-Dichloroethene (P)

4.019min (-0.000) 2.17 ug/L m

response 8258

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	141.20	149.75
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

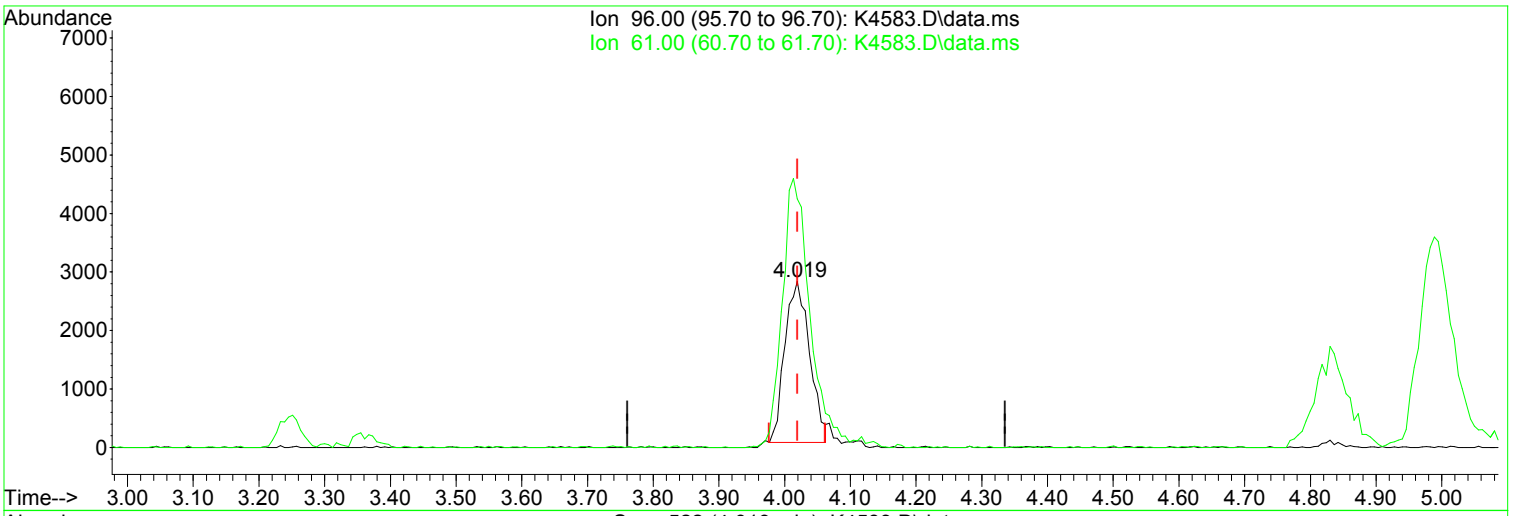
Poor integration.

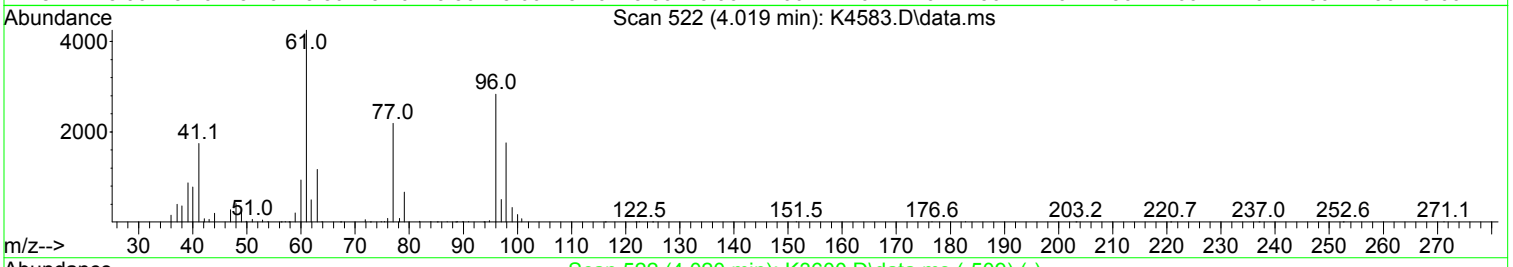
08/01/24

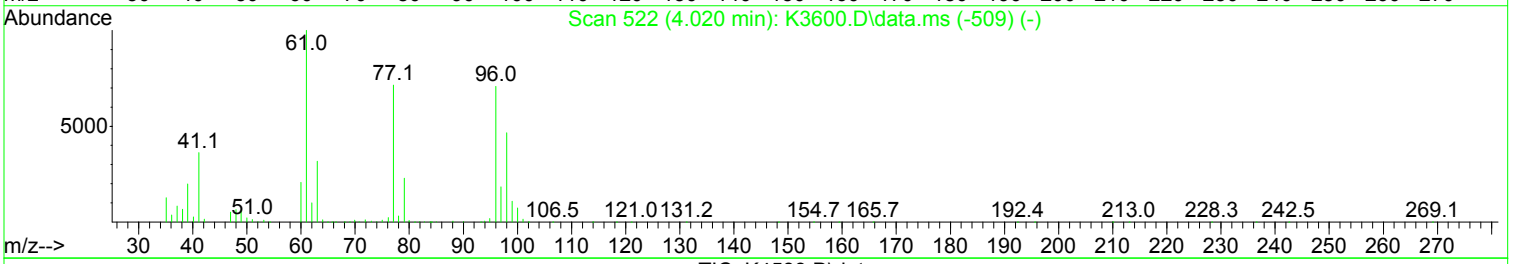
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(33) cis-1,2-Dichloroethene (P)

4.019min (-0.000) 1.90 ug/L

response 7226

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	141.20	149.75
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

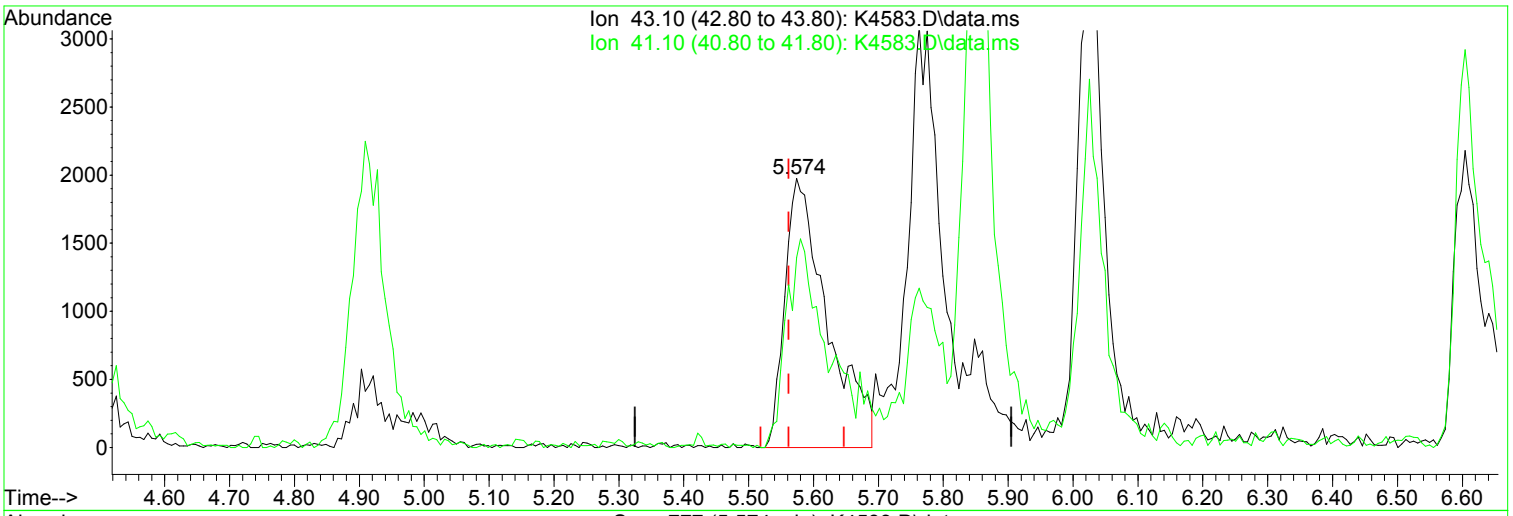
Before

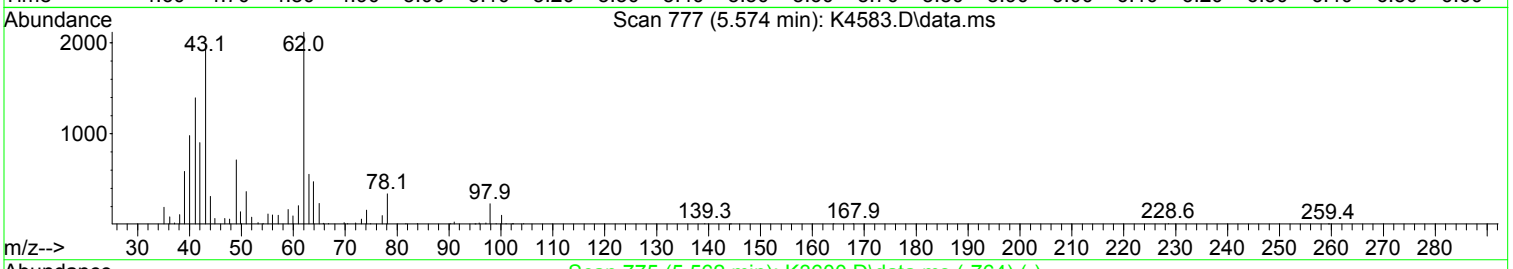
08/01/24

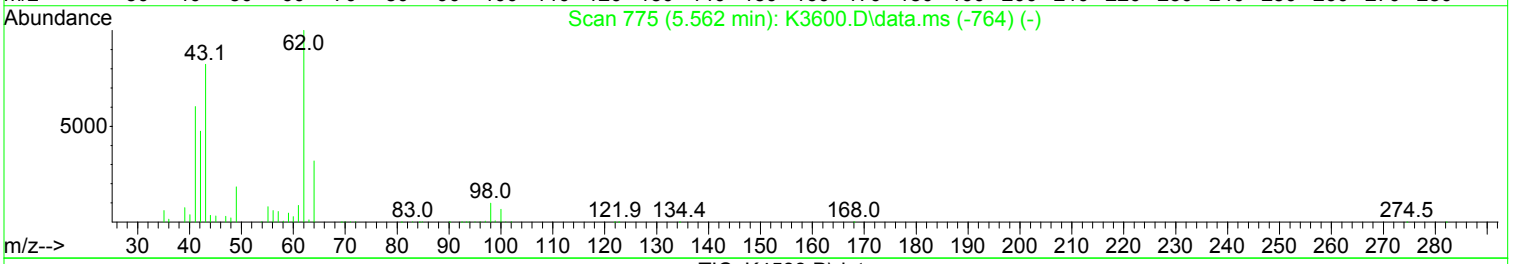
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(50) Iso-Butyl Alcohol

5.574min (+ 0.012) 28.62 ug/L m

response 8985

Ion	Exp%	Act%
43.10	100.00	100.00
41.10	73.40	70.58
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

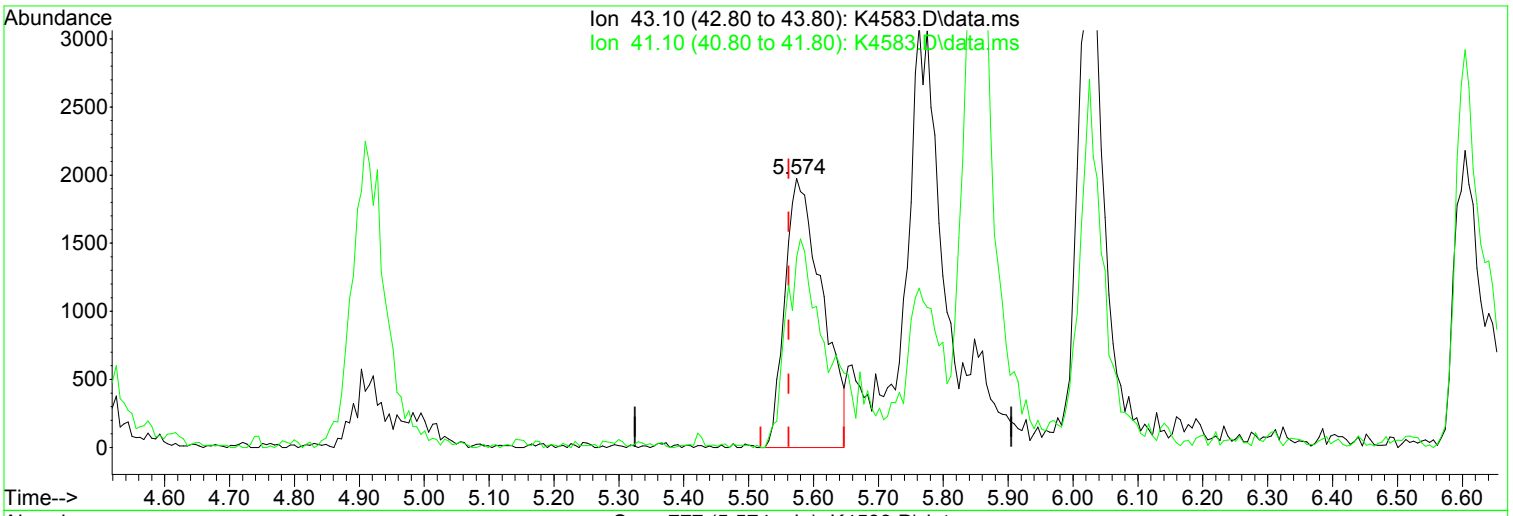
Poor integration.

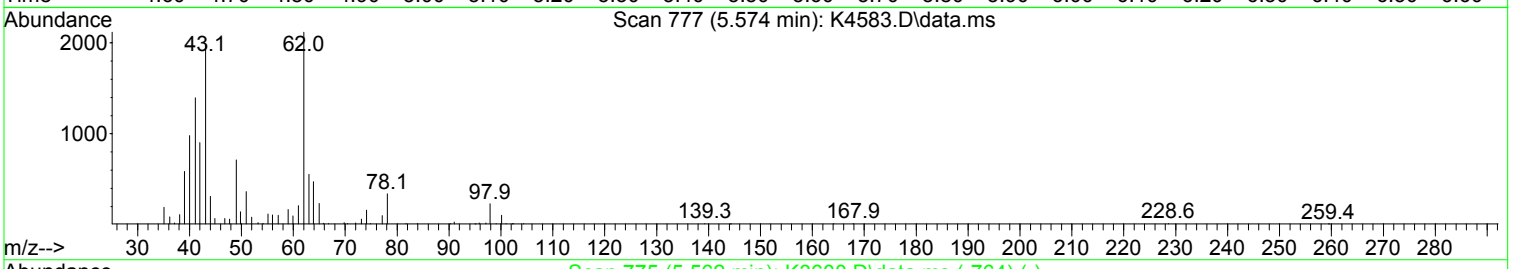
08/01/24

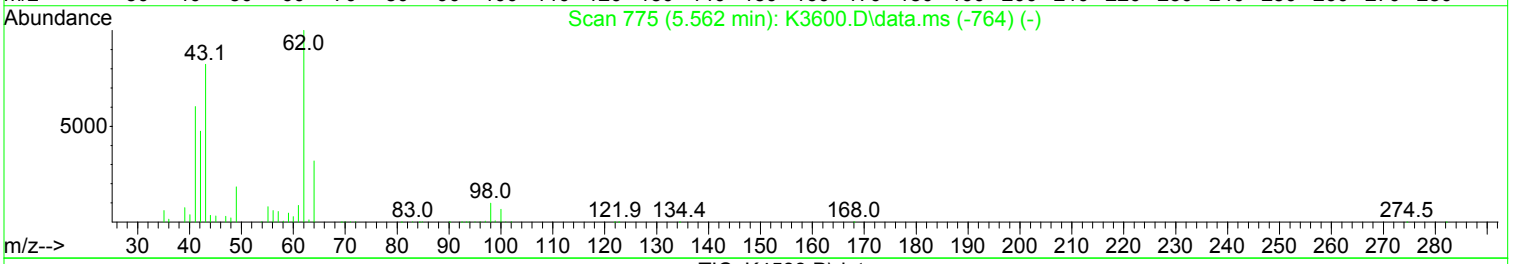
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(50) Iso-Butyl Alcohol

5.574min (+ 0.012) 24.94 ug/L

response 7831

Ion	Exp%	Act%
43.10	100.00	100.00
41.10	73.40	70.58
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

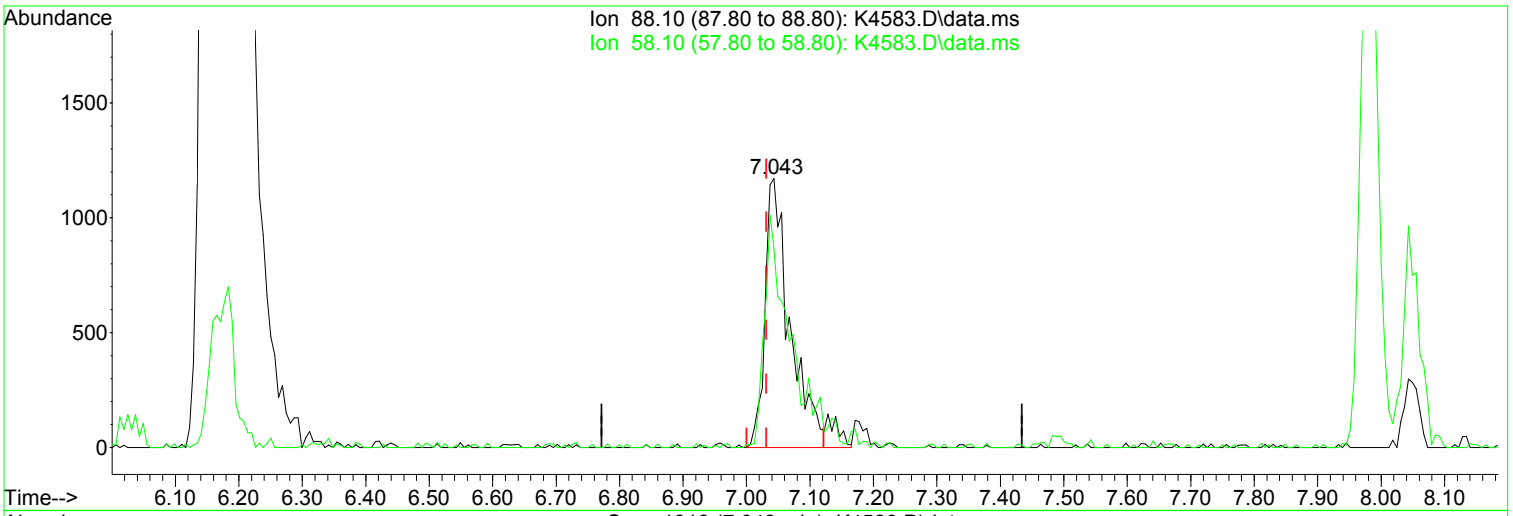
Before

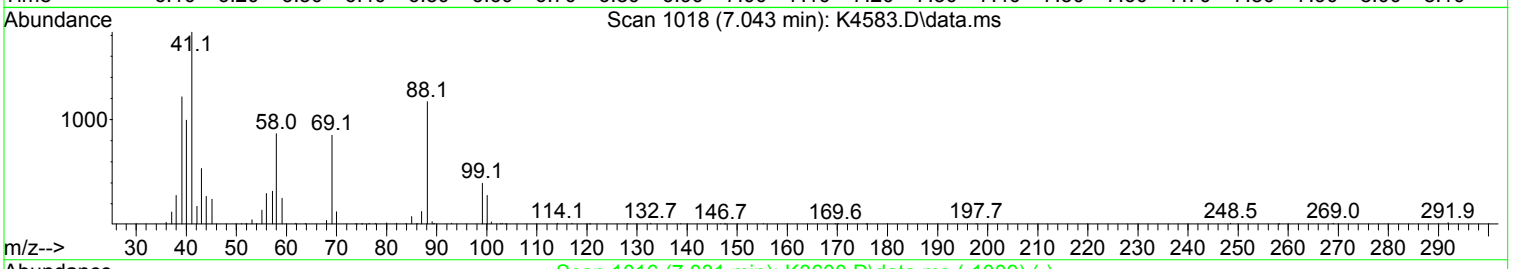
08/01/24

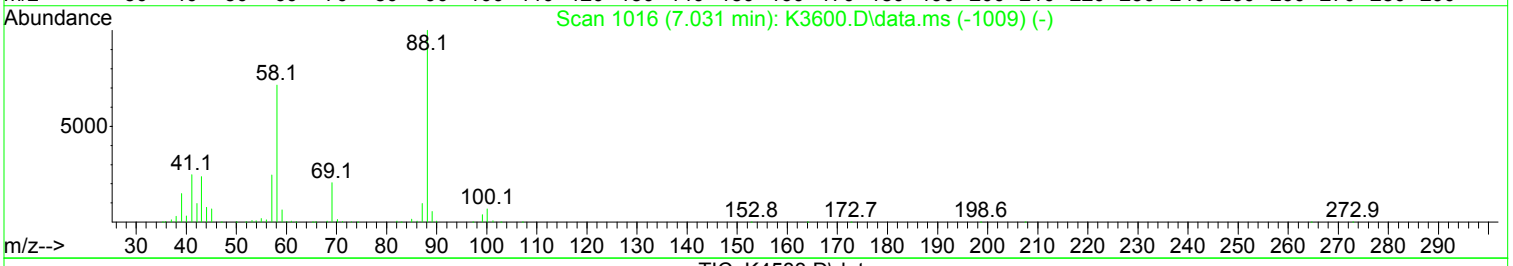
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(57) 1,4-Dioxane

7.043min (+ 0.012) 40.00 ug/L m

response 3349

Ion	Exp%	Act%
88.10	100.00	100.00
58.10	71.50	74.04
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

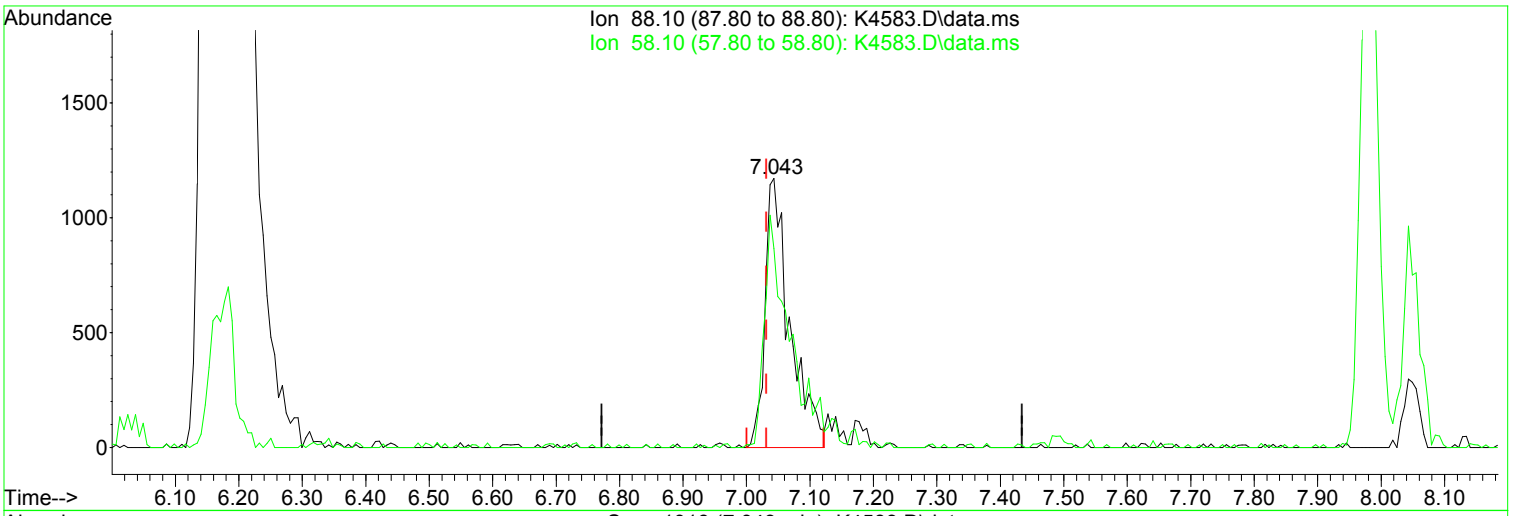
Poor integration.

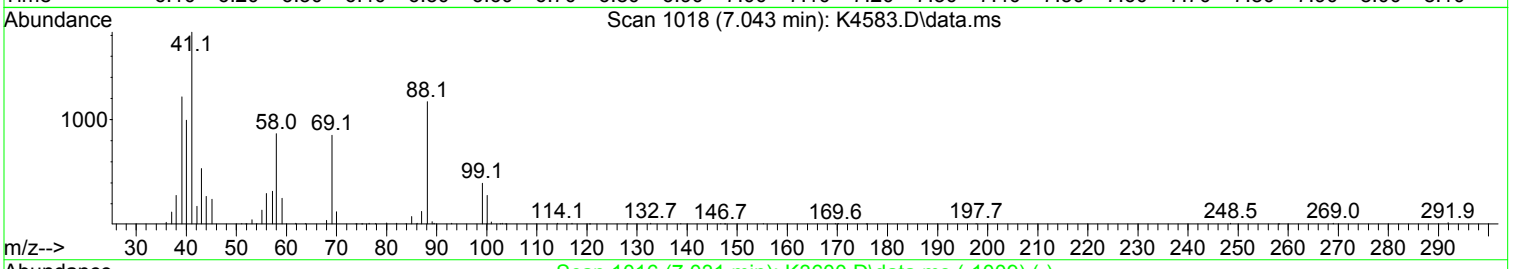
08/01/24

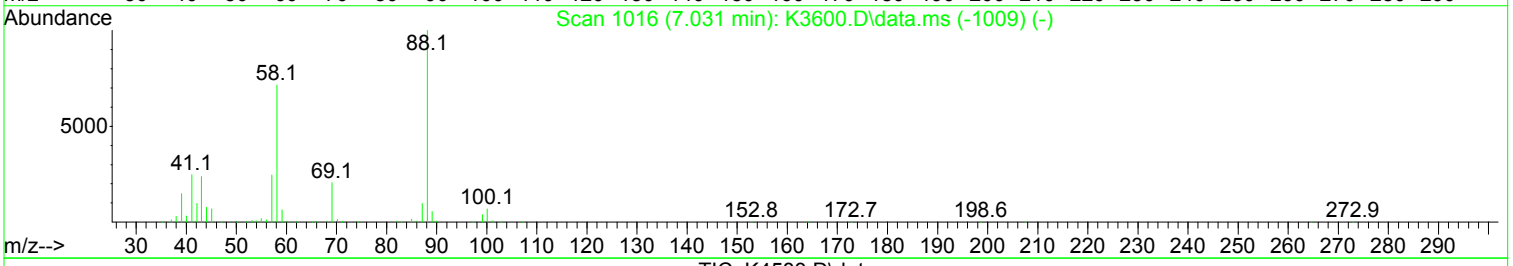
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(57) 1,4-Dioxane

7.043min (+ 0.012) 37.83 ug/L

response 3167

Ion	Exp%	Act%
88.10	100.00	100.00
58.10	71.50	74.04
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

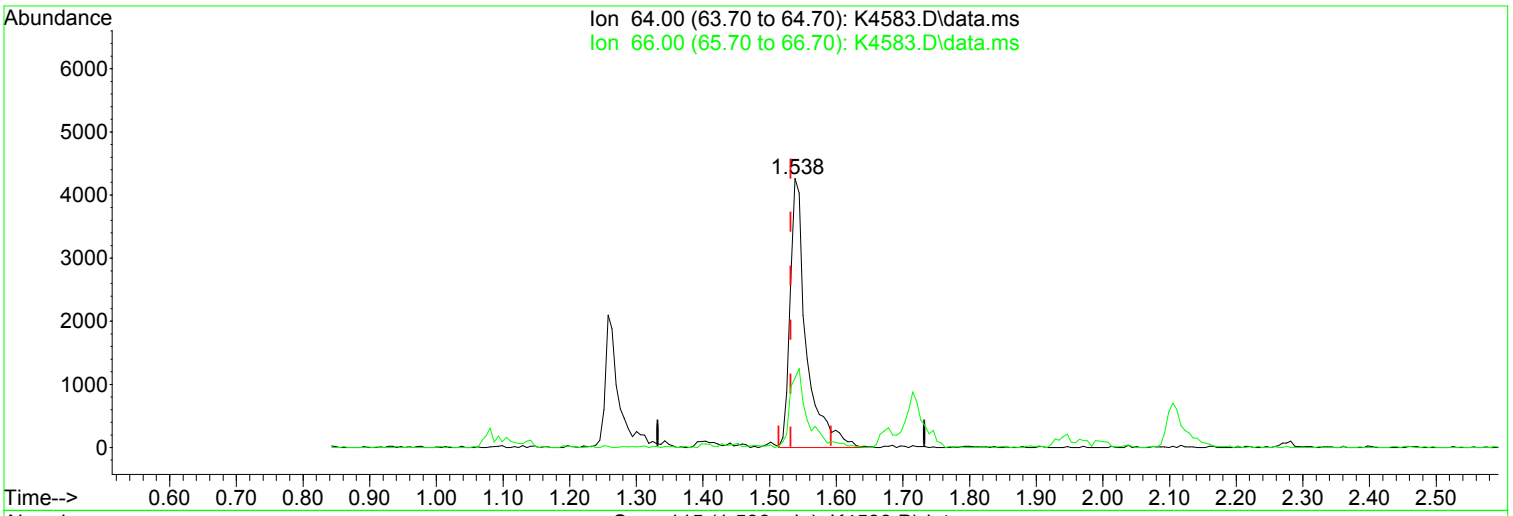
Before

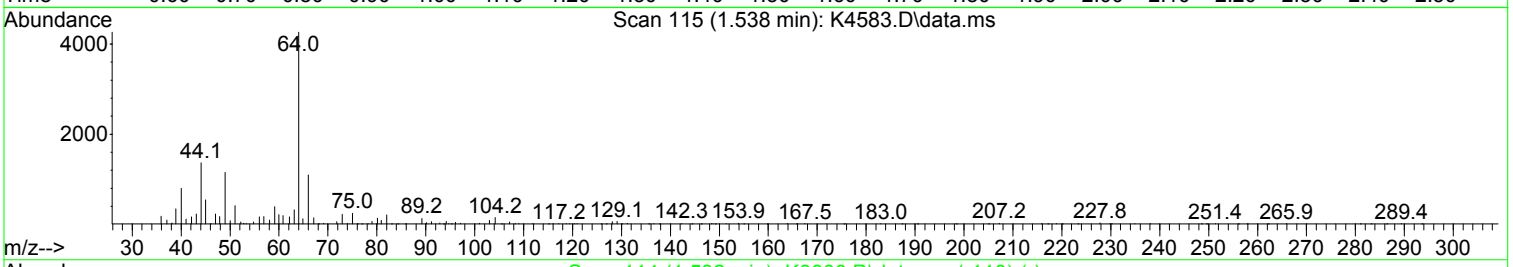
08/01/24

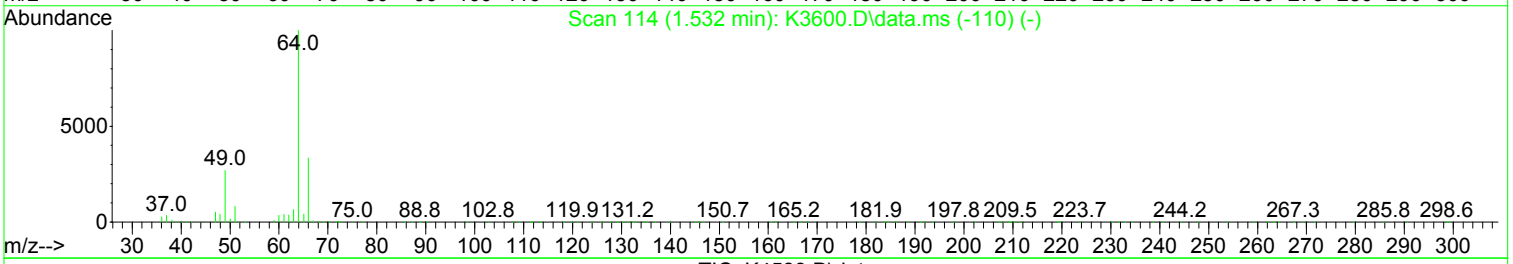
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(7) Chloroethane (P)

1.538min (+ 0.006) 2.35 ug/L m

response 7196

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	33.50	25.77
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

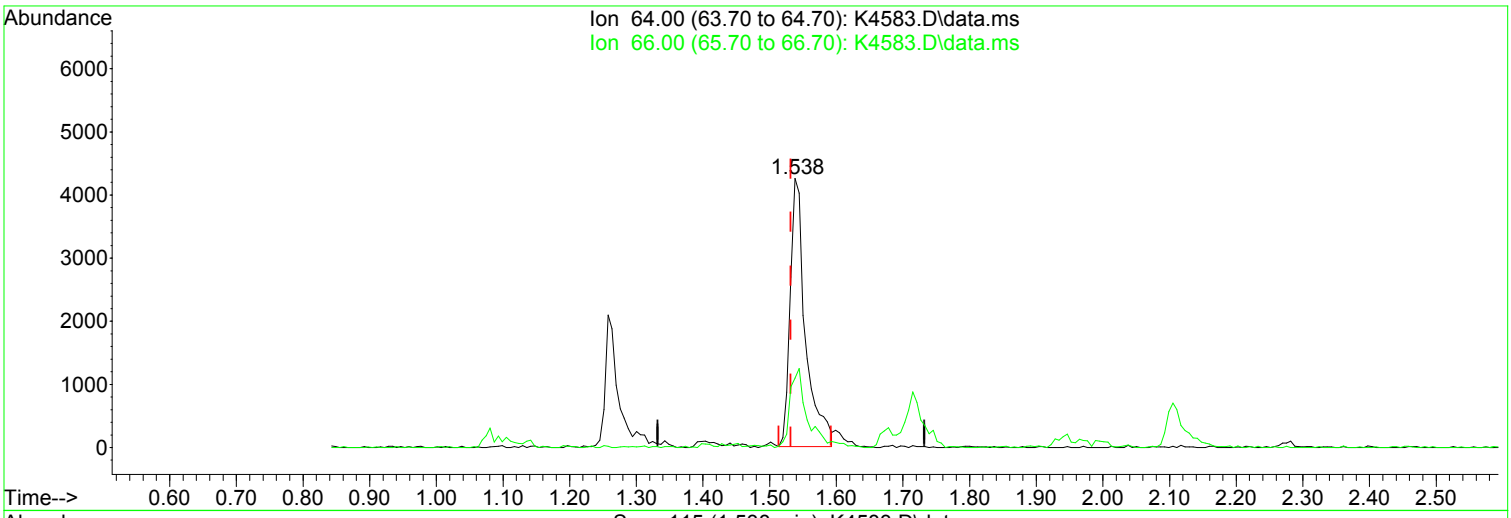
Poor integration.

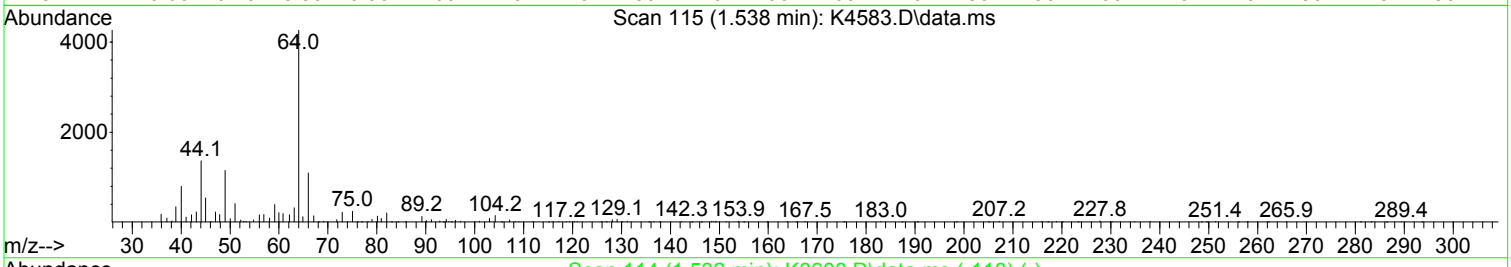
08/01/24

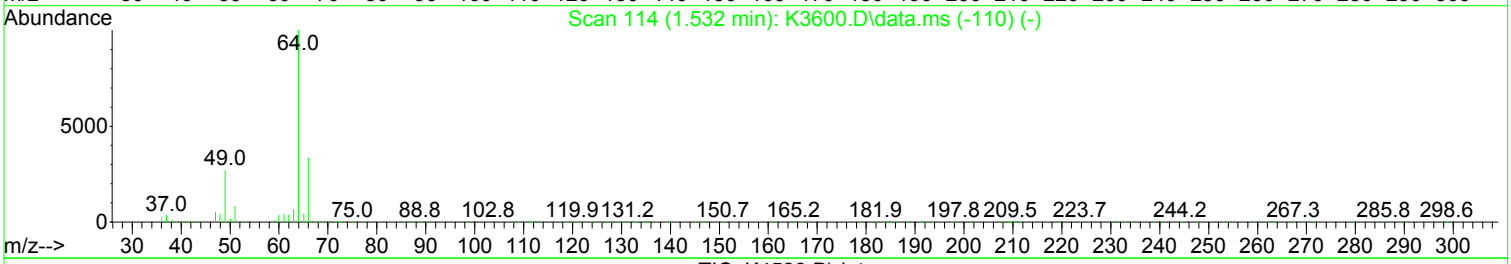
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4583.D\data.ms

(7) Chloroethane (P)

1.538min (+ 0.006) 2.21 ug/L

response 6792

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	33.50	25.77
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	357535	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.177	114	611454	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	528928	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	225648	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	39312	10.31	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 20.62%#				
47) surr1,1,2-dichloroetha...	5.415	65	55804	10.70	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 21.40%#				
64) SURR3,Toluene-d8	8.049	98	147593	10.54	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 21.08%#				
69) SURR2,BFB	10.664	95	55208	10.03	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 20.06%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.087	51	9861	2.027	ug/L		99
3) Dichlorodifluoromethane	1.075	85	8840m	2.117	ug/L		
4) Chloromethane	1.203	50	10116	2.156	ug/L		95
5) Vinyl Chloride	1.258	62	9431	1.949	ug/L		100
6) Bromomethane	1.471	94	5107	2.647	ug/L		97
7) Chloroethane	1.538	64	7196m	2.346	ug/L		
8) Freon 21	1.678	67	13994	2.144	ug/L		97
9) Trichlorofluoromethane	1.715	101	11210	2.083	ug/L		99
10) Diethyl Ether	1.928	59	8856	2.286	ug/L	#	79
11) Freon 123a	1.940	67	8134m	2.119	ug/L		
12) Freon 123	1.983	83	8469	1.933	ug/L		88
13) Acrolein	2.026	56	5055m	8.950	ug/L		
14) 1,1-Diclethene	2.105	96	6464	2.133	ug/L	#	69
15) Freon 113	2.111	101	6769	2.172	ug/L		98
16) Acetone	2.154	43	7912	2.765	ug/L		85
17) 2-Propanol	2.282	45	21375	37.874	ug/L		98
18) Iodomethane	2.227	142	8676	1.836	ug/L		99
19) Carbon Disulfide	2.276	76	14145	1.896	ug/L		99
20) Acetonitrile/Allyl Chl...	2.404	41	18882	12.539	ug/L		81
21) Methyl Acetate	2.434	43	10279	2.058	ug/L		84
22) Methylene Chloride	2.519	84	9837	2.195	ug/L	#	70
23) TBA	2.654	59	39611	37.867	ug/L		86
24) Acrylonitrile	2.763	53	27249	10.431	ug/L		100
25) Methyl-t-Butyl Ether	2.800	73	24367	2.123	ug/L		89
26) trans-1,2-Dichloroethene	2.788	96	6812	2.049	ug/L	#	61
27) 1,1-Diclethane	3.245	63	15109	2.204	ug/L		97
28) Vinyl Acetate	3.330	86	981	1.464	ug/L	#	49
29) DIPE	3.361	45	26066	2.154	ug/L		85
30) 2-Chloro-1,3-Butadiene	3.355	53	14222	2.050	ug/L	#	72
31) ETBE	3.855	59	27098	2.114	ug/L		89
32) 2,2-Dichloropropane	4.001	77	8081	1.874	ug/L		86
33) cis-1,2-Dichloroethene	4.019	96	8258m	2.167	ug/L		
34) 2-Butanone	4.086	43	7136	2.090	ug/L		76
35) Propionitrile	4.166	54	11382	9.756	ug/L		98
36) Bromochloromethane	4.385	130	5642	2.234	ug/L	#	82
37) Methacrylonitrile	4.397	67	4620	2.124	ug/L		90
38) Tetrahydrofuran	4.495	42	4812	2.209	ug/L	#	65
39) Chloroform	4.556	83	13354	2.095	ug/L		94
40) 1,1,1-Trichloroethane	4.842	97	11552	2.258	ug/L		94

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.769	73	20765	2.100	ug/L		92
43) Cyclohexane	4.909	41	7957	2.210	ug/L		91
45) Carbontetrachloride	5.129	117	10868	2.235	ug/L		85
46) 1,1-Dichloropropene	5.153	75	9166	2.041	ug/L		88
48) Benzene	5.501	78	27539	2.117	ug/L		78
49) 1,2-Dichloroethane	5.549	62	14012	2.149	ug/L		94
50) Iso-Butyl Alcohol	5.574	43	8985m	28.618	ug/L		
51) n-Heptane	6.025	43	10210	2.084	ug/L	#	69
52) 1-Butanol	6.604	56	14069	68.373	ug/L		87
53) Trichloroethene	6.513	130	7764	2.002	ug/L		91
54) Methylcyclohexane	6.750	55	10882	1.989	ug/L	#	76
55) 1,2-Diclpropane	6.805	63	8353	2.110	ug/L		81
56) Dibromomethane	6.958	93	5246	2.113	ug/L		88
57) 1,4-Dioxane	7.043	88	3349m	40.001	ug/L		
58) Methyl Methacrylate	7.055	69	6384	1.930	ug/L	#	62
59) Bromodichloromethane	7.195	83	9092	1.949	ug/L		95
60) 2-Nitropropane	7.500	41	5697	3.418	ug/L		100
61) 2-Chloroethylvinyl Ether	7.622	63	2675	2.092	ug/L		90
62) cis-1,3-Dichloropropene	7.756	75	9989	1.881	ug/L		92
63) 4-Methyl-2-pentanone	7.976	43	12236	1.973	ug/L		82
65) Toluene	8.122	91	30931	2.083	ug/L		97
66) trans-1,3-Dichloropropene	8.415	75	9308	1.825	ug/L		97
67) Ethyl Methacrylate	8.561	69	10864	1.901	ug/L	#	52
68) 1,1,2-Trichloroethane	8.598	97	7043	1.969	ug/L		86
71) Tetrachloroethene	8.726	164	5744	2.202	ug/L	#	81
72) 2-Hexanone	8.915	43	9297	1.994	ug/L		84
73) 1,3-Dichloropropane	8.774	76	12601	2.208	ug/L		82
74) Dibromochloromethane	9.000	129	6999	1.900	ug/L		96
75) N-Butyl Acetate	9.073	43	17990	2.012	ug/L		92
76) 1,2-Dibromoethane	9.091	107	7840	2.076	ug/L		86
77) 3-Chlorobenzotrifluoride	9.634	180	9436	2.196	ug/L		94
78) Chlorobenzene	9.597	112	21229	2.142	ug/L		95
79) 4-Chlorobenzotrifluoride	9.689	180	8804	2.211	ug/L		94
80) 1,1,1,2-Tetrachloroethane	9.695	131	7082	1.983	ug/L		97
81) Ethylbenzene	9.726	106	10528	2.113	ug/L	#	83
82) (m+p)Xylene	9.841	106	26517	4.323	ug/L		98
83) o-Xylene	10.201	106	12569	2.057	ug/L		89
84) Styrene	10.213	104	21293	2.072	ug/L		96
85) Bromoform	10.366	173	3455	1.658	ug/L		84
86) 2-Chlorobenzotrifluoride	10.457	180	9483	2.178	ug/L		98
87) Isopropylbenzene	10.542	105	33337	2.128	ug/L		100
88) Cyclohexanone	10.610	55	46625	40.290	ug/L		93
89) trans-1,4-Dichloro-2-B...	10.859	53	4007	1.813	ug/L	#	74
91) 1,1,2,2-Tetrachloroethane	10.811	83	10263	2.173	ug/L		94
92) Bromobenzene	10.780	156	8541	2.373	ug/L	#	84
93) 1,2,3-Trichloropropane	10.835	110	4044	2.361	ug/L	#	82
94) n-Propylbenzene	10.896	91	39060	2.389	ug/L		97
95) 2-Chlorotoluene	10.957	91	25553	2.485	ug/L		93
96) 3-Chlorotoluene	11.012	91	24911	2.394	ug/L		97
97) 4-Chlorotoluene	11.055	91	27760	2.347	ug/L		97
98) 1,3,5-Trimethylbenzene	11.055	105	27771	2.243	ug/L		98
99) tert-Butylbenzene	11.323	119	24090	2.279	ug/L		97
100) 1,2,4-Trimethylbenzene	11.365	105	28369	2.260	ug/L		98
101) 3,4-Dichlorobenzotrifl...	11.433	214	6121	2.245	ug/L		92
102) sec-Butylbenzene	11.506	105	35086	2.371	ug/L		93
103) p-Isopropyltoluene	11.634	119	29578	2.273	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

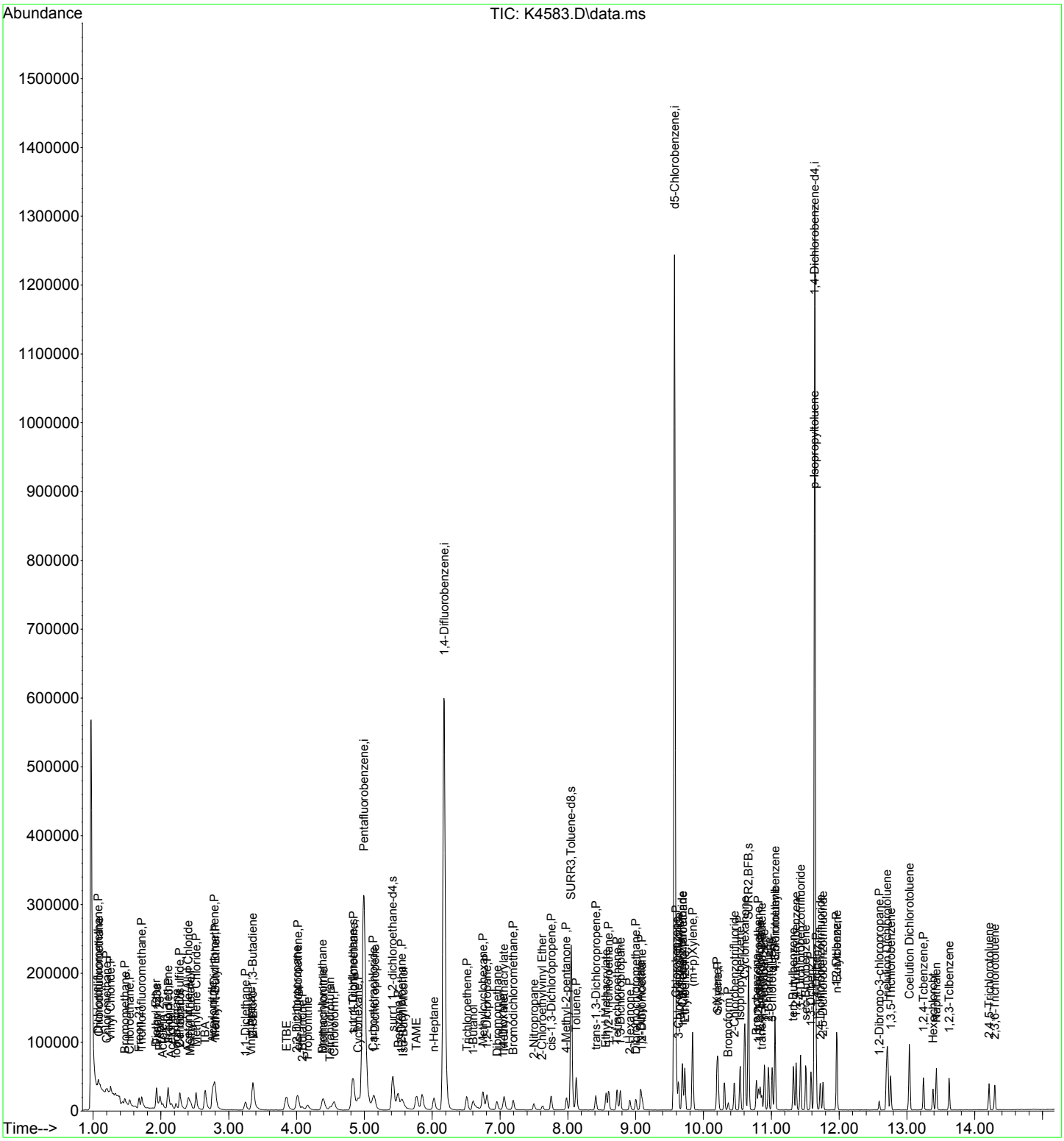
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	15898	2.306	ug/L	98
105) 1,4-Dclbenz	11.664	146	16413	2.358	ug/L	89
106) 2,4-Dichlorobenzotrifl...	11.725	214	5616	2.339	ug/L	86
107) 2,5-Dichlorobenzotrifl...	11.762	214	6186	2.312	ug/L	86
108) n-Butylbenzene	11.969	91	25801	2.276	ug/L	98
109) 1,2-Dclbenz	11.963	146	16212	2.382	ug/L	96
110) 1,2-Dibromo-3-chloropr...	12.591	157	2070	1.842	ug/L	92
111) Trielution Dichlorotol...	12.707	125	43684	6.809	ug/L	93
112) 1,3,5-Trichlorobenzene	12.762	180	10235	2.301	ug/L	97
113) Coelution Dichlorotoluene	13.036	125	31408	4.551	ug/L	96
114) 1,2,4-Tcbenzene	13.243	180	9657	2.239	ug/L	92
115) Hexachlorobt	13.383	225	3578	2.254	ug/L	86
116) Naphthalen	13.432	128	34484	2.115	ug/L	99
117) 1,2,3-Tclbenzene	13.621	180	9527	2.242	ug/L	96
118) 2,4,5-Trichlorotoluene	14.213	159	7878	2.327	ug/L	87
119) 2,3,6-Trichlorotoluene	14.298	159	6592	2.105	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4583.D
Acq On : 31 Jul 2024 04:22 pm
Operator : K.Ruest
Sample : 2.0ppb
Misc : 8260/624 ICAL
ALS Vial : 3 Sample Multiplier: 1

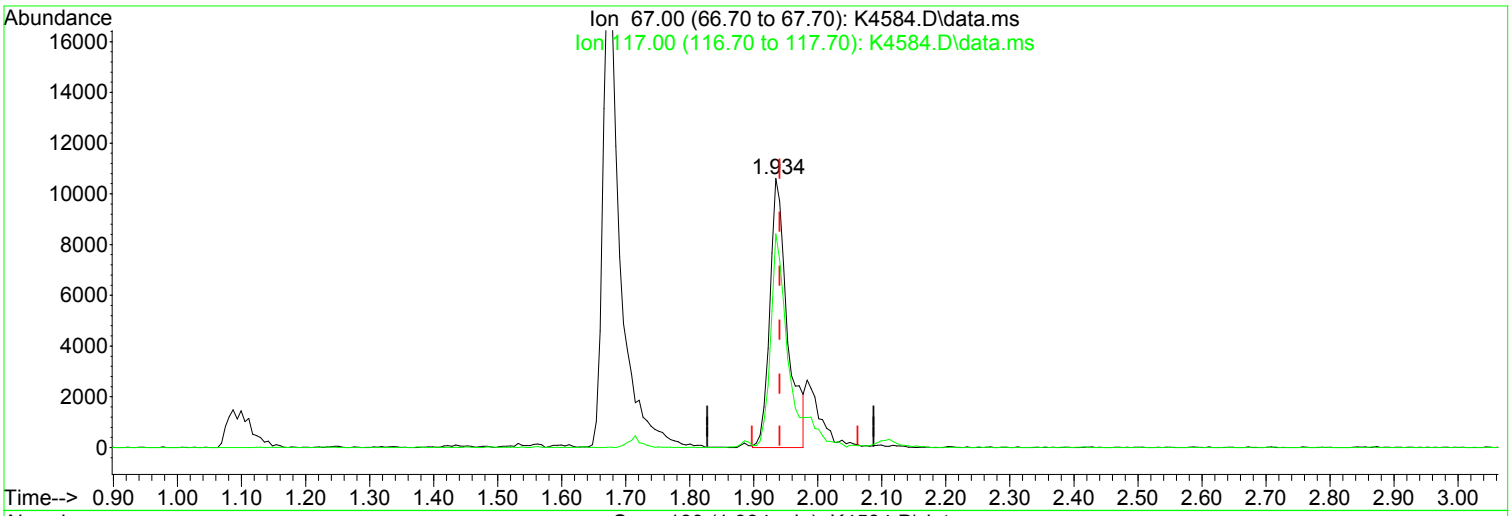
Quant Time: Jul 31 19:25:08 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

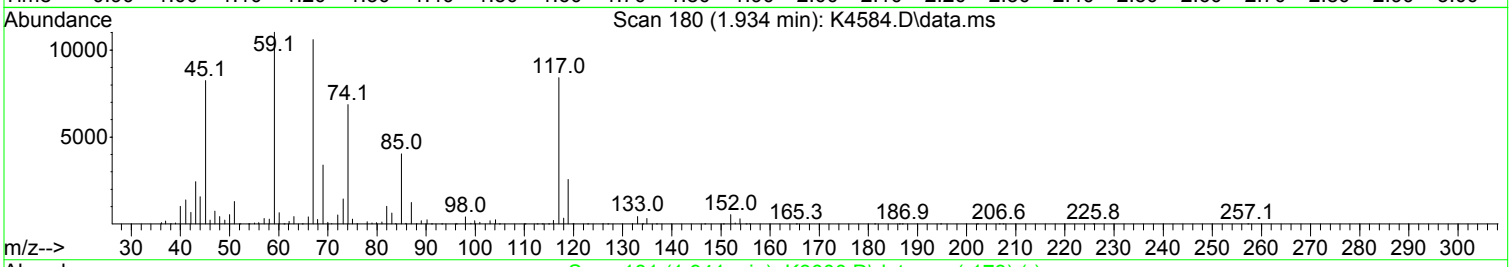


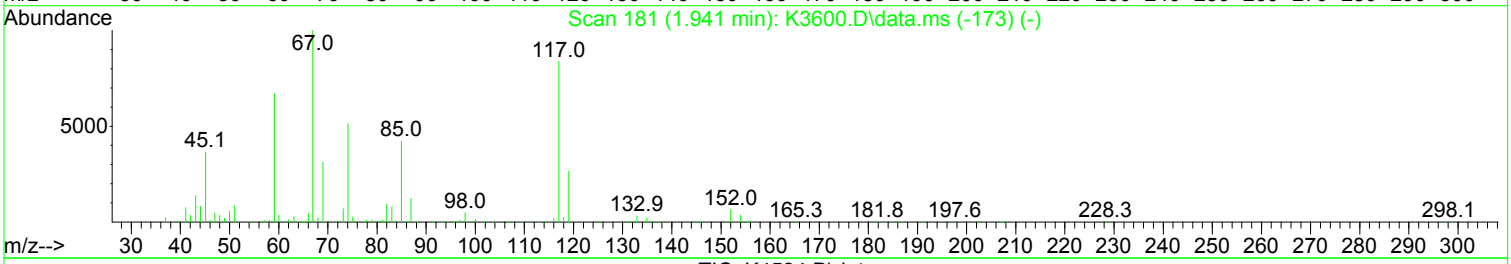
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(11) Freon 123a

1.934min (-0.006) 5.34 ug/L m

response 20240

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	85.30	79.42
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

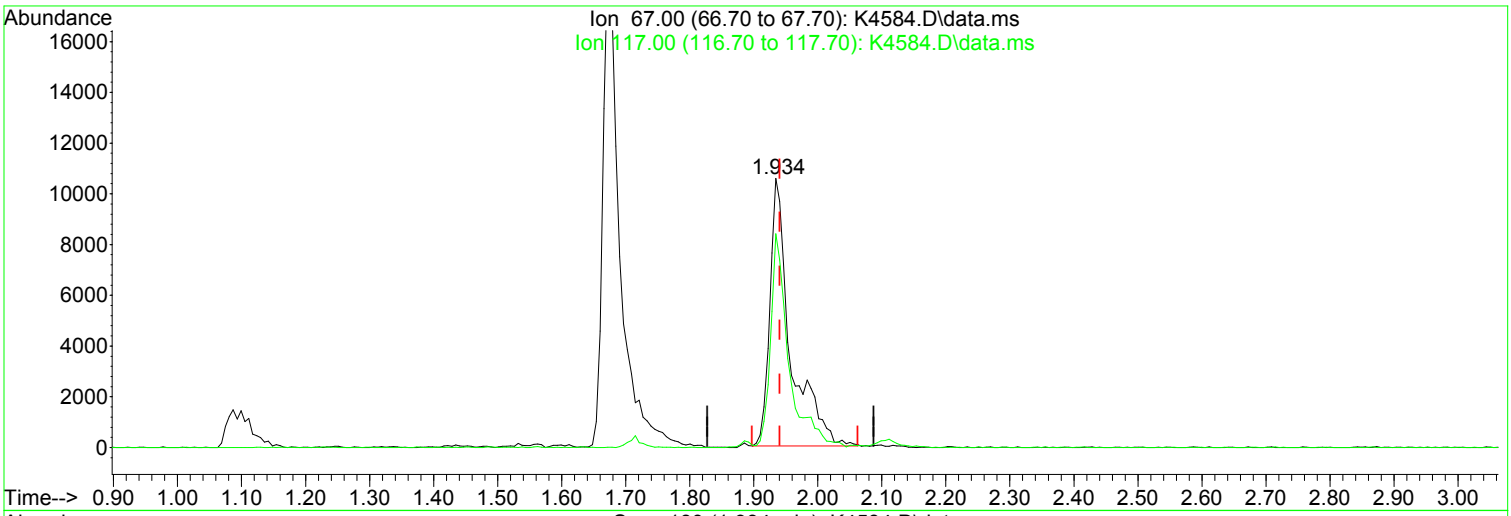
Poor integration.

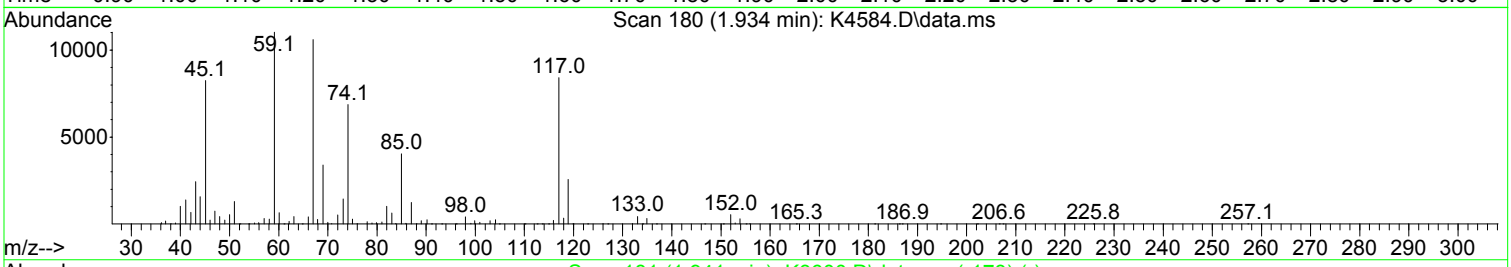
08/01/24

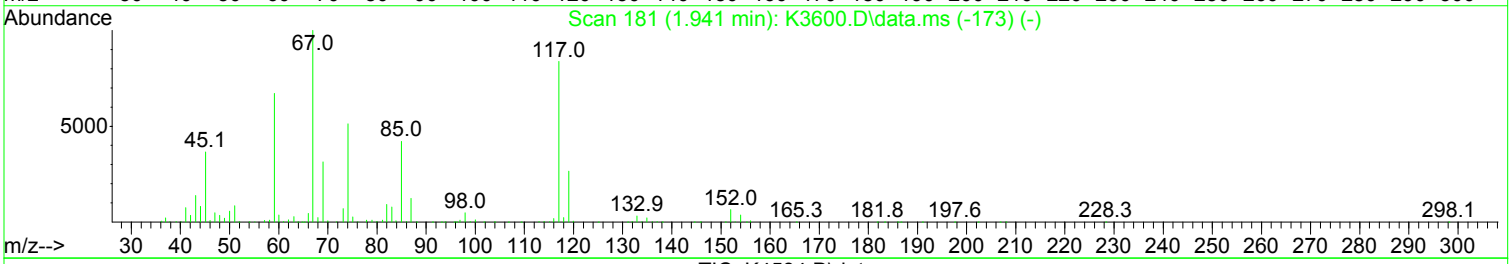
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(11) Freon 123a

1.934min (-0.006) 6.32 ug/L

response 23974

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	85.30	79.42
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

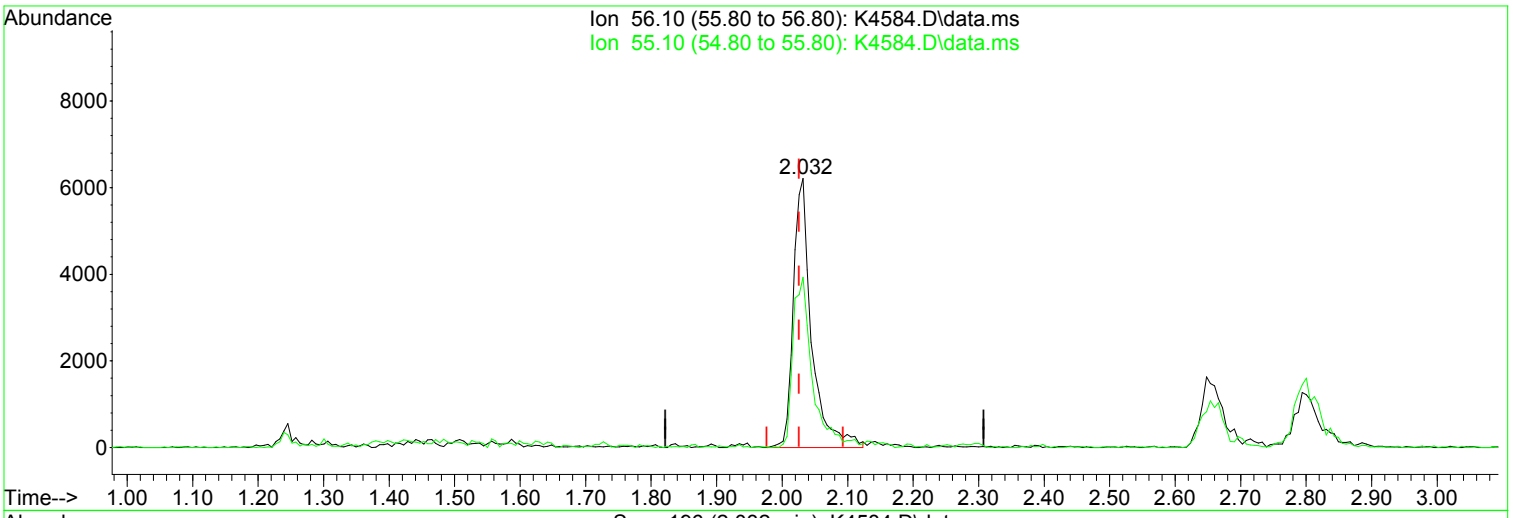
Before

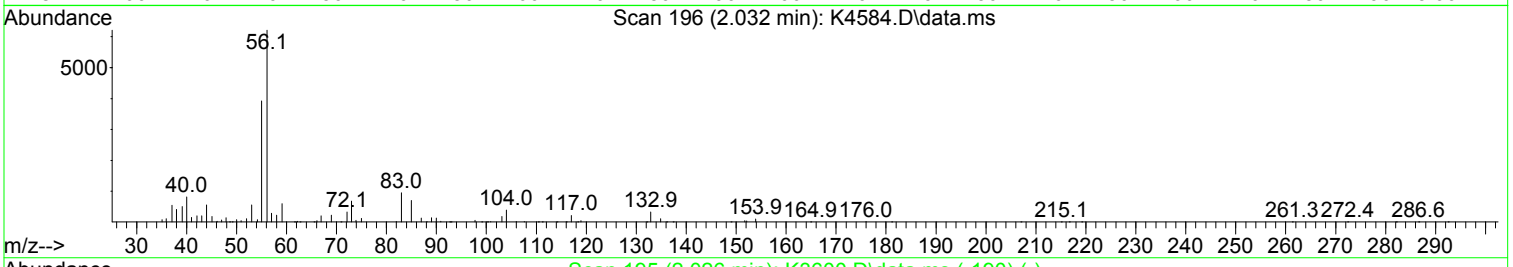
08/01/24

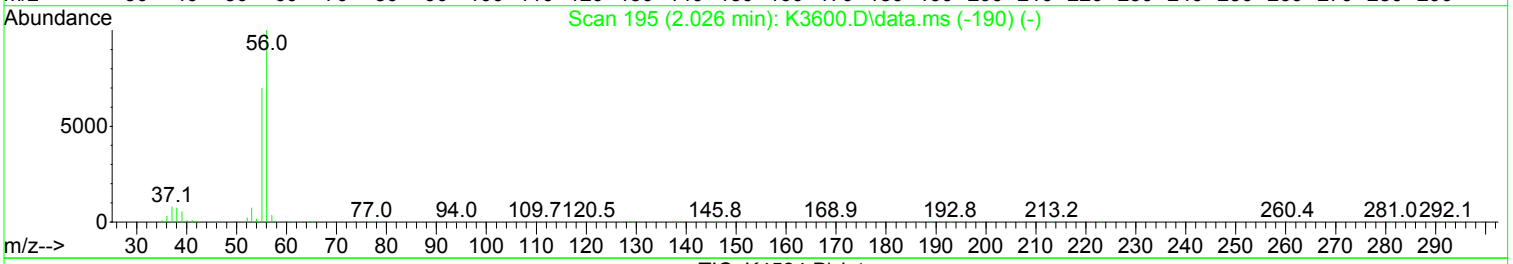
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(13) Acrolein

2.032min (+ 0.006) 21.53 ug/L m

response 12015

Ion	Exp%	Act%
56.10	100.00	100.00
55.10	70.10	63.25
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

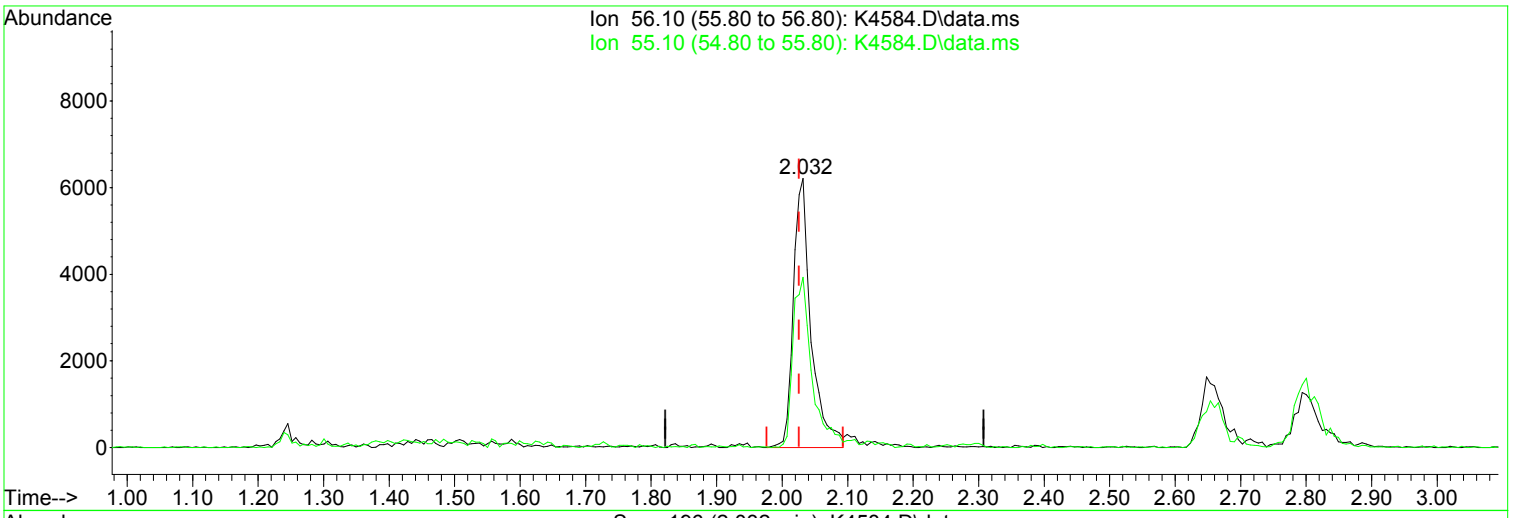
Poor integration.

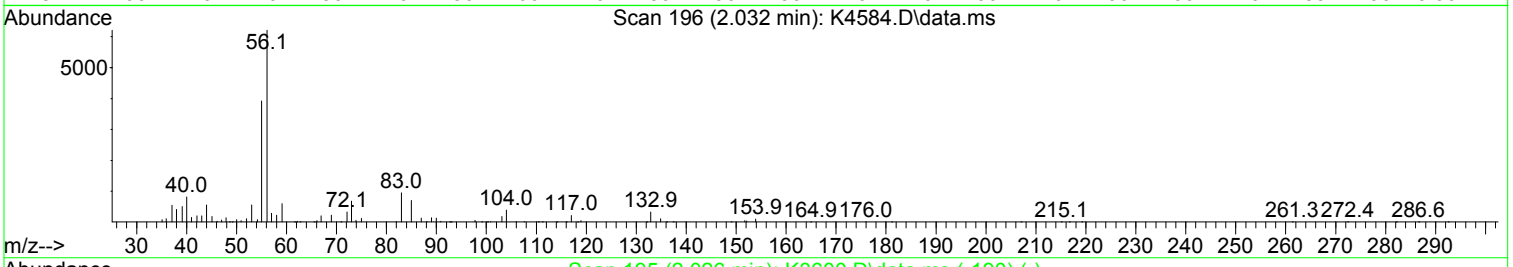
08/01/24

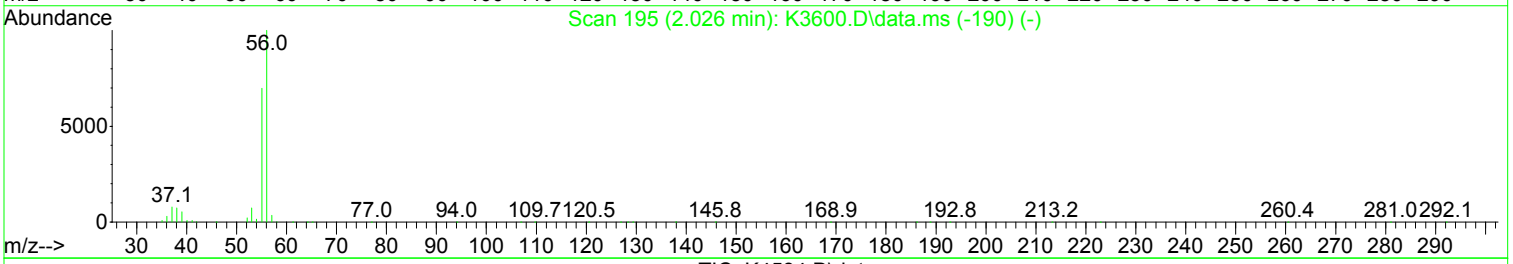
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(13) Acrolein

2.032min (+ 0.006) 20.85 ug/L

response 11636

Ion	Exp%	Act%
56.10	100.00	100.00
55.10	70.10	63.25
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

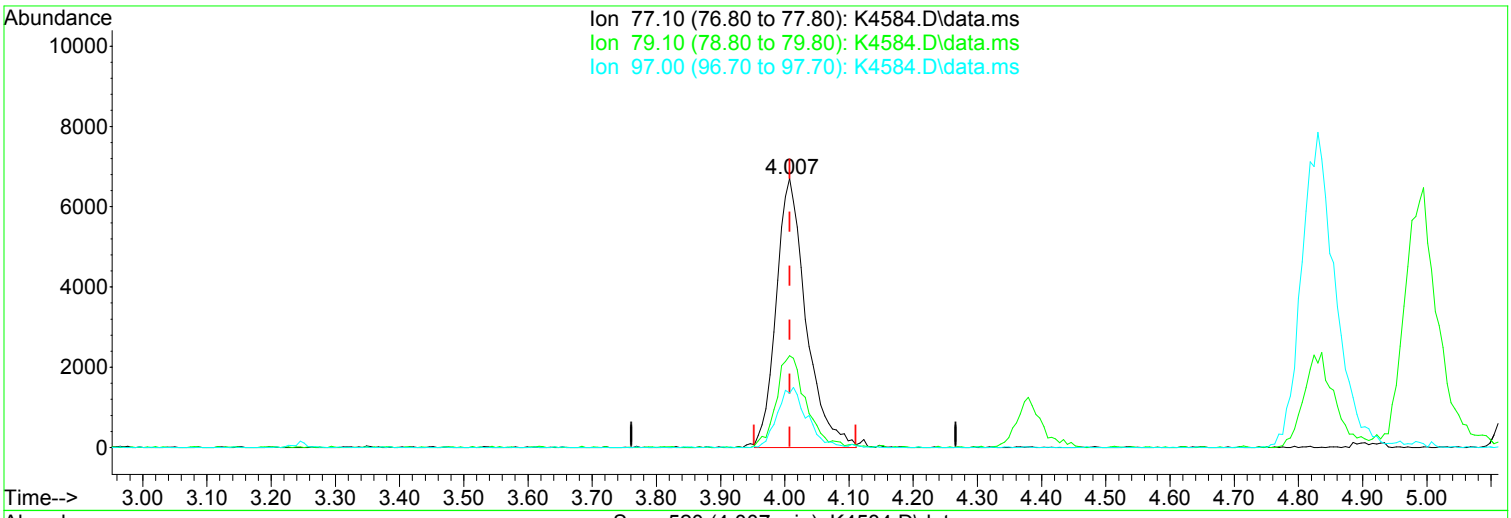
Before

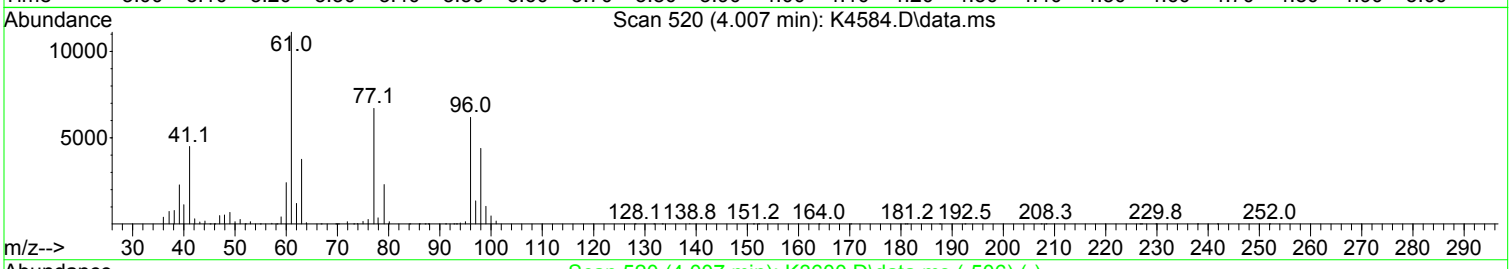
08/01/24

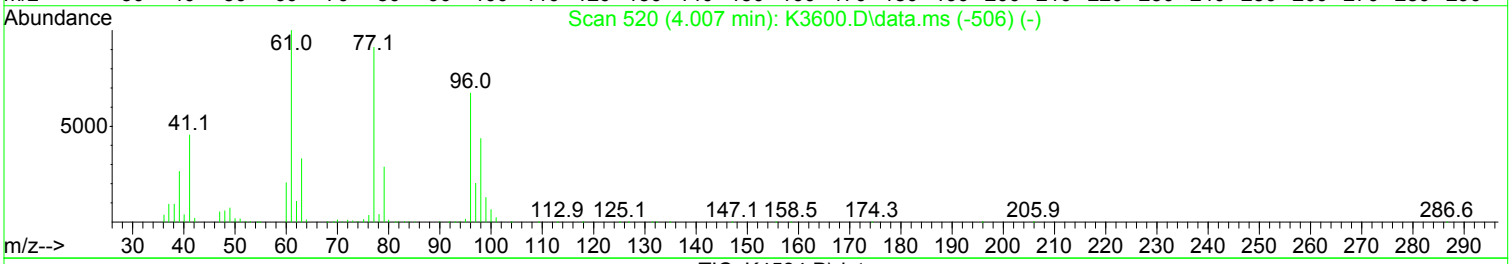
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(32) 2,2-Dichloropropane

4.007min (-0.000) 5.07 ug/L m

response 21614

Ion	Exp%	Act%
77.10	100.00	100.00
79.10	31.50	34.18
97.00	22.20	20.19
0.00	0.00	0.00

Manual Integration:

After

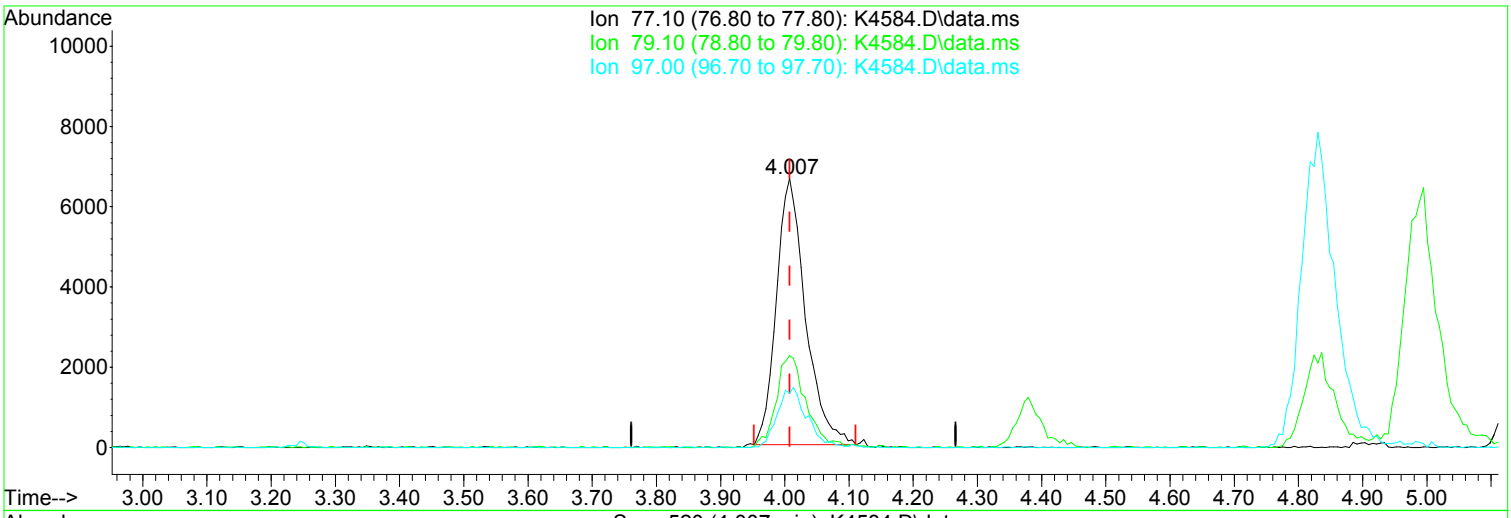
Poor integration.

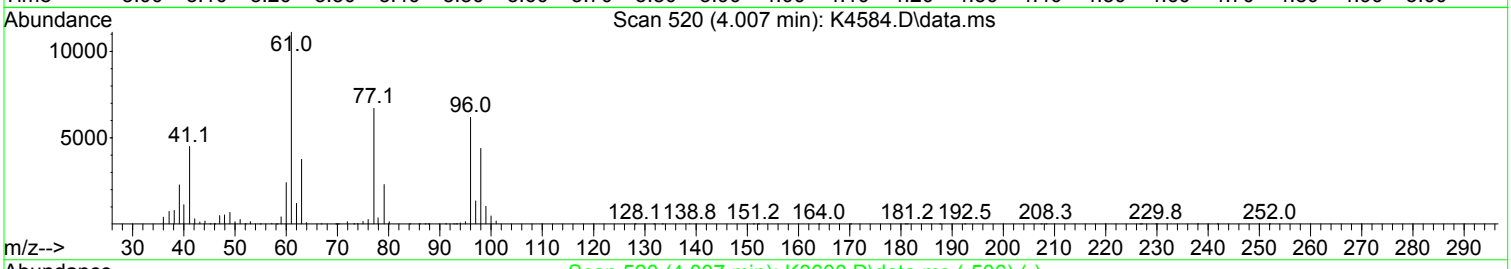
08/01/24

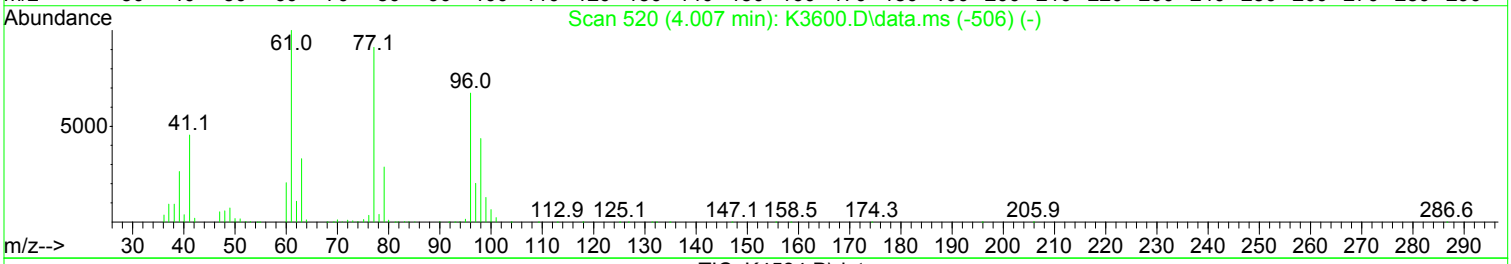
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(32) 2,2-Dichloropropane

4.007min (-0.000) 4.91 ug/L

response 20911

Ion	Exp%	Act%
77.10	100.00	100.00
79.10	31.50	34.18
97.00	22.20	20.19
0.00	0.00	0.00

Manual Integration:

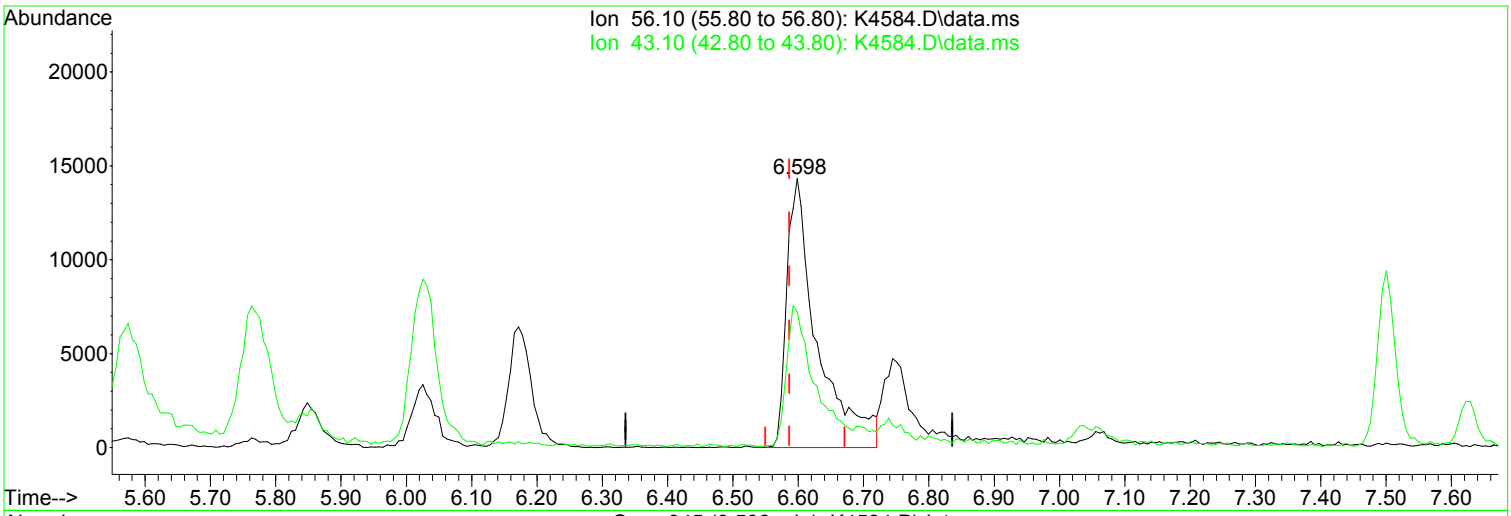
Before

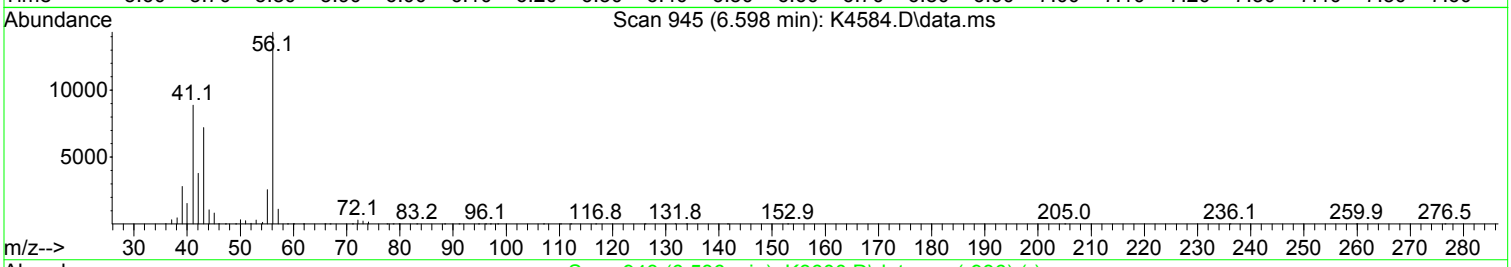
08/01/24

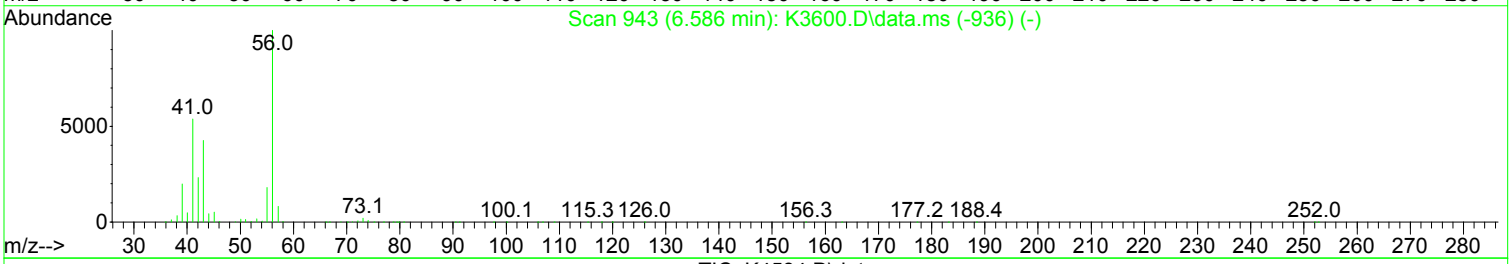
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(52) 1-Butanol

6.598min (+ 0.012) 227.78 ug/L m

response 46422

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	42.60	50.34
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

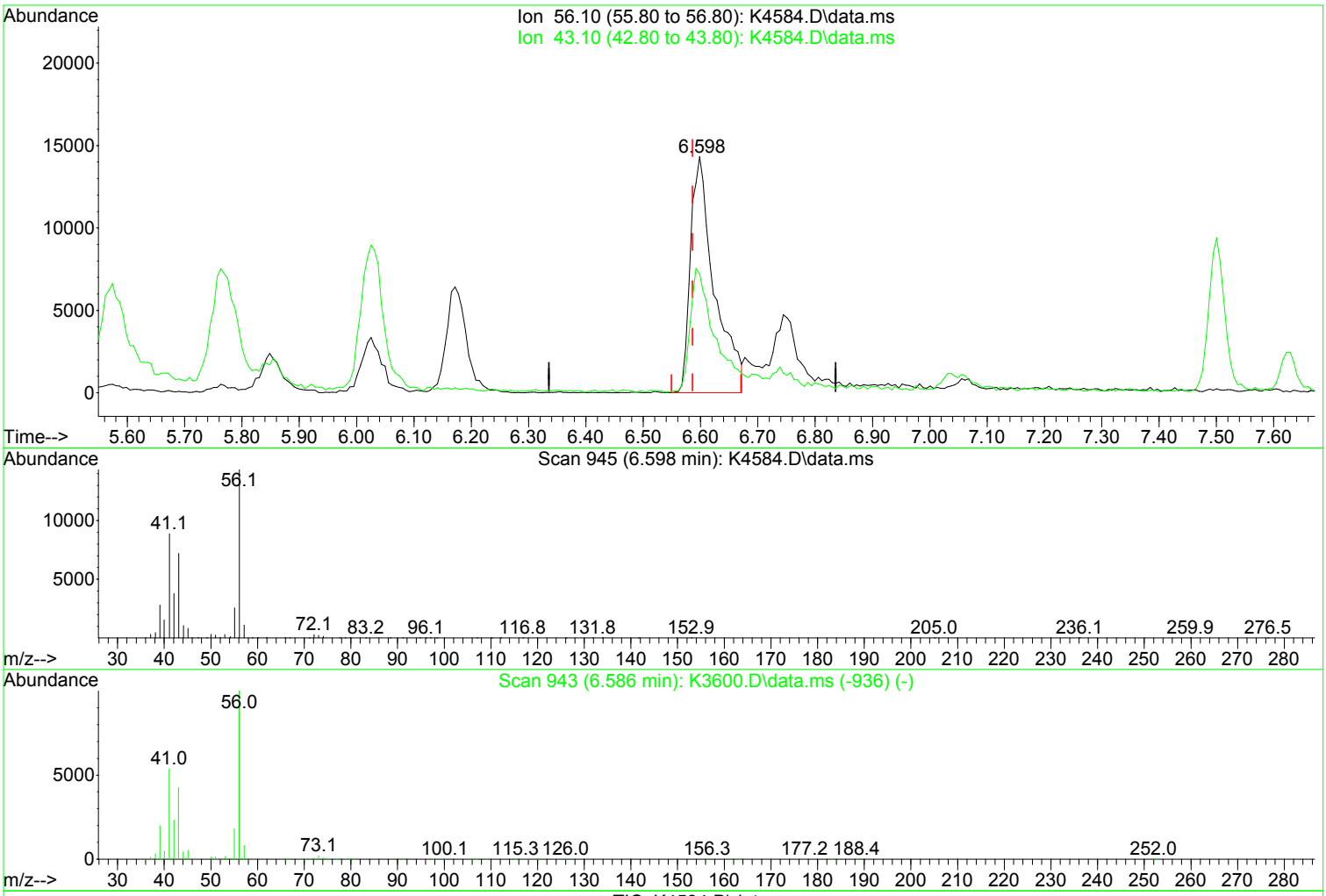
Poor integration.

08/01/24

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4584.D\data.ms

(52) 1-Butanol

6.598min (+ 0.012) 202.96 ug/L

response 41364

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	42.60	50.34
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

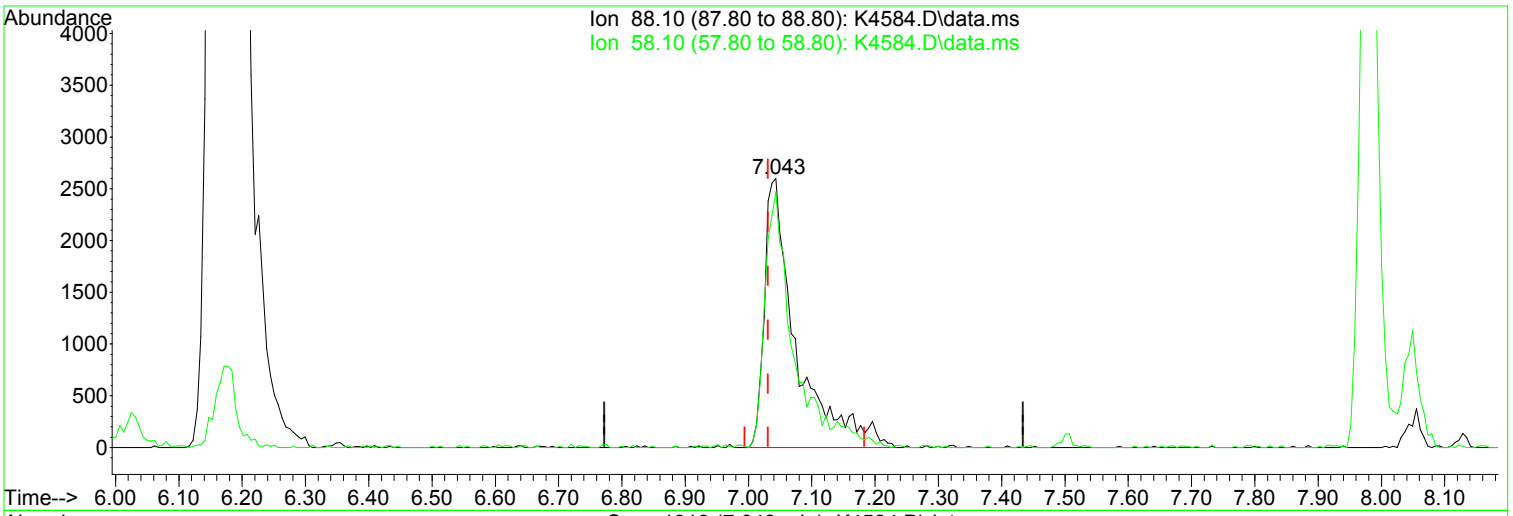
Before

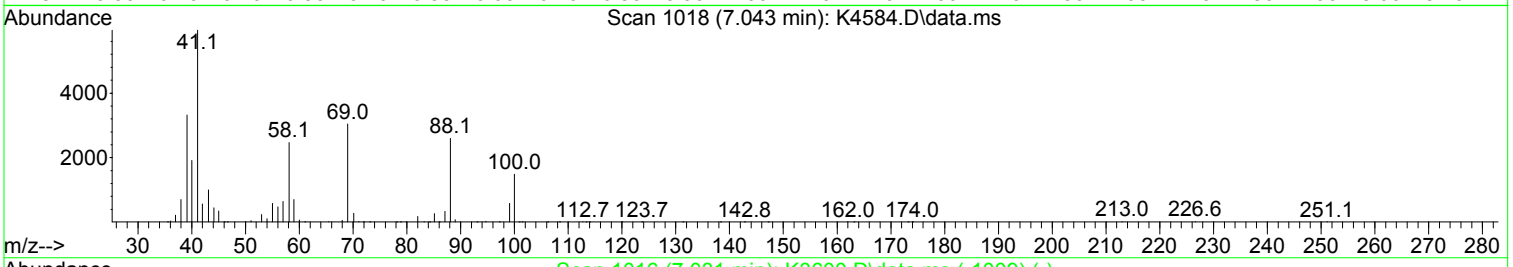
08/01/24

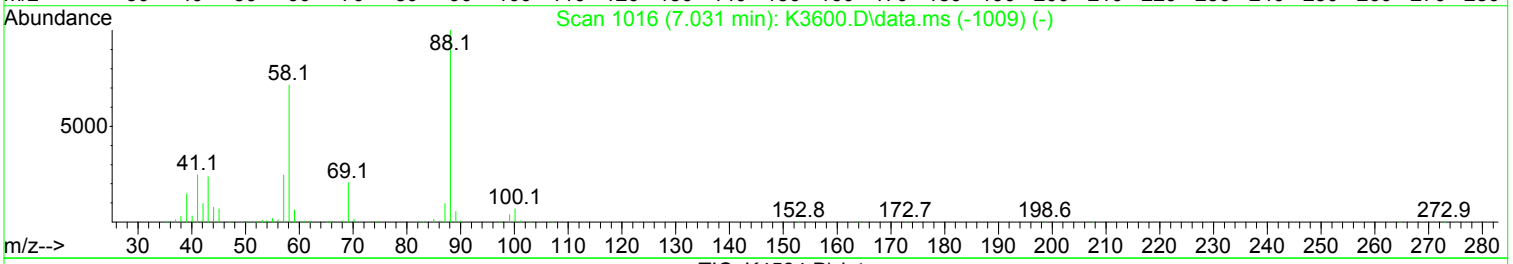
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(57) 1,4-Dioxane

7.043min (+ 0.012) 110.13 ug/L m

response 9132

Ion	Exp%	Act%
88.10	100.00	100.00
58.10	71.50	95.04#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

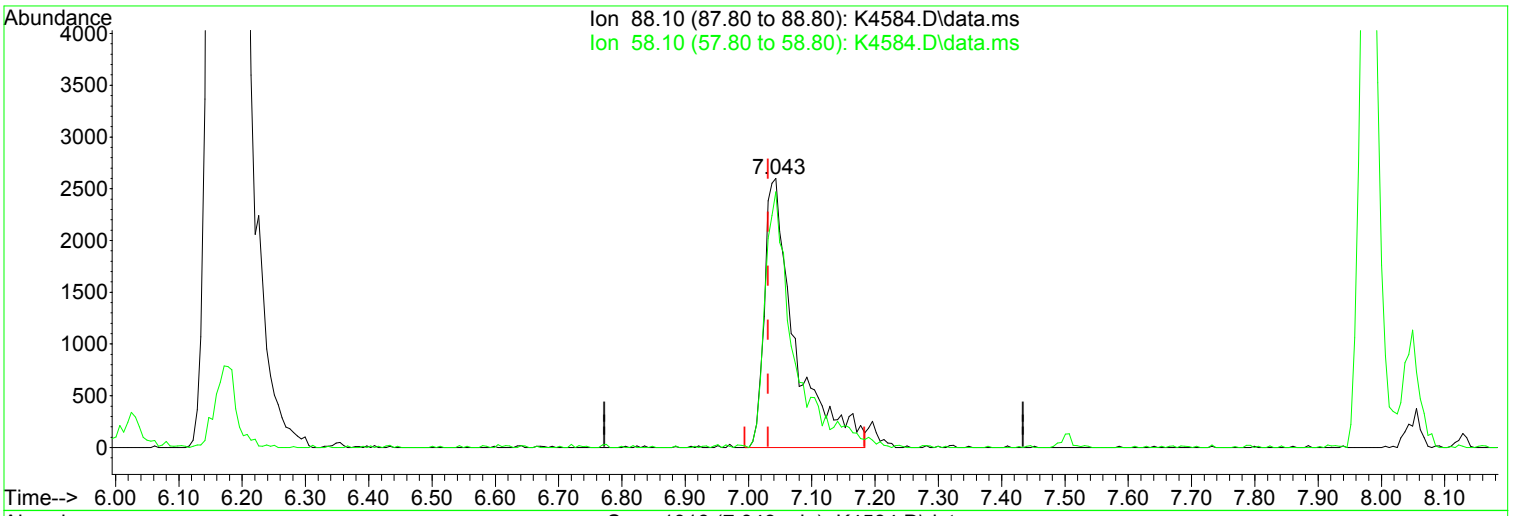
Poor integration.

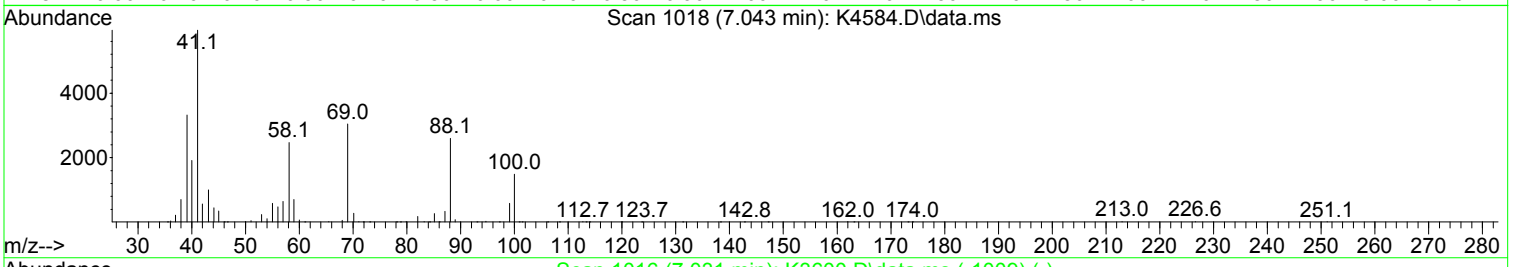
08/01/24

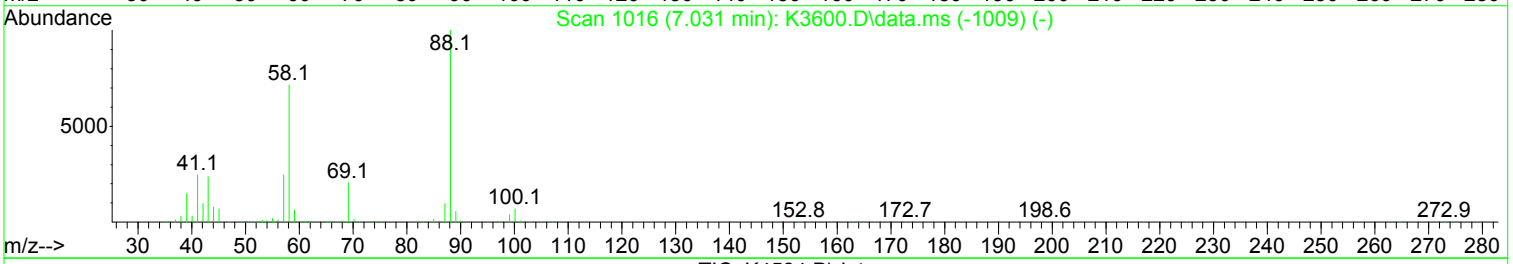
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4584.D\data.ms

(57) 1,4-Dioxane

7.043min (+ 0.012) 106.58 ug/L

response 8838

Ion	Exp%	Act%
88.10	100.00	100.00
58.10	71.50	95.04#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.989	168	353221	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.171	114	605605	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	536292	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	247061	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	39101	10.35	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 20.70%#				
47) surr1,1,2-dichloroetha...	5.415	65	55277	10.71	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 21.42%#				
64) SURR3,Toluene-d8	8.049	98	149748	10.80	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 21.60%#				
69) SURR2,BFB	10.665	95	57860	10.62	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 21.24%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	24278	5.051	ug/L		84
3) Dichlorodifluoromethane	1.075	85	19772	4.792	ug/L		90
4) Chloromethane	1.209	50	23262	5.019	ug/L		96
5) Vinyl Chloride	1.258	62	24773	5.181	ug/L		97
6) Bromomethane	1.465	94	10687	5.606	ug/L		96
7) Chloroethane	1.538	64	17084	5.637	ug/L		88
8) Freon 21	1.672	67	35572	5.517	ug/L		95
9) Trichlorofluoromethane	1.715	101	26879	5.055	ug/L		99
10) Diethyl Ether	1.928	59	19490	5.092	ug/L	#	77
11) Freon 123a	1.934	67	20240m	5.338	ug/L		
12) Freon 123	1.983	83	23182	5.356	ug/L		97
13) Acrolein	2.032	56	12015m	21.533	ug/L		
14) 1,1-Diclethene	2.099	96	15733	5.255	ug/L	#	82
15) Freon 113	2.111	101	16138	5.242	ug/L		94
16) Acetone	2.154	43	16735	5.919	ug/L		89
17) 2-Propanol	2.282	45	59324	106.398	ug/L		97
18) Iodomethane	2.221	142	22807	4.885	ug/L		99
19) Carbon Disulfide	2.276	76	35048	4.755	ug/L		98
20) Acetonitrile/Allyl Chl...	2.404	41	48817	32.815	ug/L		86
21) Methyl Acetate	2.434	43	25374	5.143	ug/L		87
22) Methylene Chloride	2.520	84	20657	4.666	ug/L	#	71
23) TBA	2.654	59	110652	107.071	ug/L		86
24) Acrylonitrile	2.757	53	70279	27.232	ug/L		98
25) Methyl-t-Butyl Ether	2.800	73	61428	5.417	ug/L		90
26) trans-1,2-Dichloroethene	2.782	96	16773	5.107	ug/L	#	83
27) 1,1-Diclethane	3.245	63	35495	5.241	ug/L		95
28) Vinyl Acetate	3.330	86	2814	4.251	ug/L	#	1
29) DIPE	3.361	45	64622	5.404	ug/L		82
30) 2-Chloro-1,3-Butadiene	3.355	53	36811	5.370	ug/L		82
31) ETBE	3.849	59	69514	5.488	ug/L		91
32) 2,2-Dichloropropane	4.007	77	21614m	5.073	ug/L		
33) cis-1,2-Dichloroethene	4.013	96	20275	5.386	ug/L		85
34) 2-Butanone	4.080	43	17252	5.114	ug/L		74
35) Propionitrile	4.160	54	31106	26.989	ug/L		99
36) Bromochloromethane	4.379	130	13778	5.521	ug/L	#	75
37) Methacrylonitrile	4.403	67	11238	5.231	ug/L	#	36
38) Tetrahydrofuran	4.495	42	11572	5.378	ug/L	#	64
39) Chloroform	4.550	83	32504	5.163	ug/L		89
40) 1,1,1-Trichloroethane	4.830	97	28660	5.672	ug/L		93

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.769	73	52432	5.367	ug/L		86
43) Cyclohexane	4.909	41	18812	5.276	ug/L		94
45) Carbontetrachloride	5.129	117	24895	5.170	ug/L		92
46) 1,1-Dichloropropene	5.147	75	23143	5.204	ug/L		94
48) Benzene	5.501	78	70448	5.469	ug/L		88
49) 1,2-Dichloroethane	5.550	62	35068	5.430	ug/L		95
50) Iso-Butyl Alcohol	5.574	43	27761	89.276	ug/L		94
51) n-Heptane	6.025	43	24700	5.091	ug/L	#	79
52) 1-Butanol	6.598	56	46422m	227.782	ug/L		
53) Trichloroethene	6.507	130	20313	5.289	ug/L	#	90
54) Methylcyclohexane	6.745	55	27580	5.089	ug/L	#	68
55) 1,2-Diclpropane	6.805	63	21043	5.367	ug/L		99
56) Dibromomethane	6.952	93	12395	5.041	ug/L		98
57) 1,4-Dioxane	7.043	88	9132m	110.126	ug/L		
58) Methyl Methacrylate	7.062	69	16858	5.145	ug/L	#	53
59) Bromodichloromethane	7.196	83	23235	5.030	ug/L		98
60) 2-Nitropropane	7.500	41	15491	9.383	ug/L		95
61) 2-Chloroethylvinyl Ether	7.622	63	6496	5.129	ug/L		99
62) cis-1,3-Dichloropropene	7.750	75	26918	5.116	ug/L		96
63) 4-Methyl-2-pentanone	7.976	43	31385	5.110	ug/L		84
65) Toluene	8.122	91	77089	5.243	ug/L		93
66) trans-1,3-Dichloropropene	8.409	75	25464	5.040	ug/L		96
67) Ethyl Methacrylate	8.561	69	28523	5.040	ug/L	#	60
68) 1,1,2-Trichloroethane	8.604	97	18459	5.209	ug/L		92
71) Tetrachloroethene	8.726	164	14002	5.295	ug/L	#	87
72) 2-Hexanone	8.915	43	25219	5.335	ug/L		85
73) 1,3-Dichloropropane	8.775	76	31325	5.414	ug/L	#	80
74) Dibromochloromethane	9.000	129	18065	4.836	ug/L		96
75) N-Butyl Acetate	9.073	43	48445	5.345	ug/L		91
76) 1,2-Dibromoethane	9.098	107	20986	5.481	ug/L		93
77) 3-Chlorobenzotrifluoride	9.634	180	22824	5.238	ug/L		94
78) Chlorobenzene	9.598	112	53207	5.295	ug/L		92
79) 4-Chlorobenzotrifluoride	9.683	180	21192	5.249	ug/L		99
80) 1,1,1,2-Tetrachloroethane	9.695	131	19033	5.257	ug/L		98
81) Ethylbenzene	9.726	106	26729	5.290	ug/L		98
82) (m+p)Xylene	9.842	106	66127	10.631	ug/L		98
83) o-Xylene	10.201	106	32681	5.275	ug/L		96
84) Styrene	10.213	104	55576	5.333	ug/L		97
85) Bromoform	10.366	173	10118	4.789	ug/L		100
86) 2-Chlorobenzotrifluoride	10.457	180	23397	5.299	ug/L		99
87) Isopropylbenzene	10.543	105	85922	5.410	ug/L		98
88) Cyclohexanone	10.610	55	117657	100.275	ug/L		92
89) trans-1,4-Dichloro-2-B...	10.860	53	11399	5.086	ug/L		79
91) 1,1,2,2-Tetrachloroethane	10.811	83	27958	5.407	ug/L		95
92) Bromobenzene	10.780	156	21208	5.381	ug/L		90
93) 1,2,3-Trichloropropane	10.835	110	10351	5.520	ug/L		92
94) n-Propylbenzene	10.896	91	96527	5.392	ug/L		98
95) 2-Chlorotoluene	10.957	91	61527	5.465	ug/L		98
96) 3-Chlorotoluene	11.012	91	62314	5.470	ug/L		97
97) 4-Chlorotoluene	11.055	91	71351	5.510	ug/L		98
98) 1,3,5-Trimethylbenzene	11.055	105	74119	5.466	ug/L		98
99) tert-Butylbenzene	11.323	119	62348	5.388	ug/L		98
100) 1,2,4-Trimethylbenzene	11.366	105	74210	5.399	ug/L		100
101) 3,4-Dichlorobenzotrifl...	11.433	214	15461	5.180	ug/L		95
102) sec-Butylbenzene	11.512	105	86551	5.341	ug/L		99
103) p-Isopropyltoluene	11.634	119	75356	5.288	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

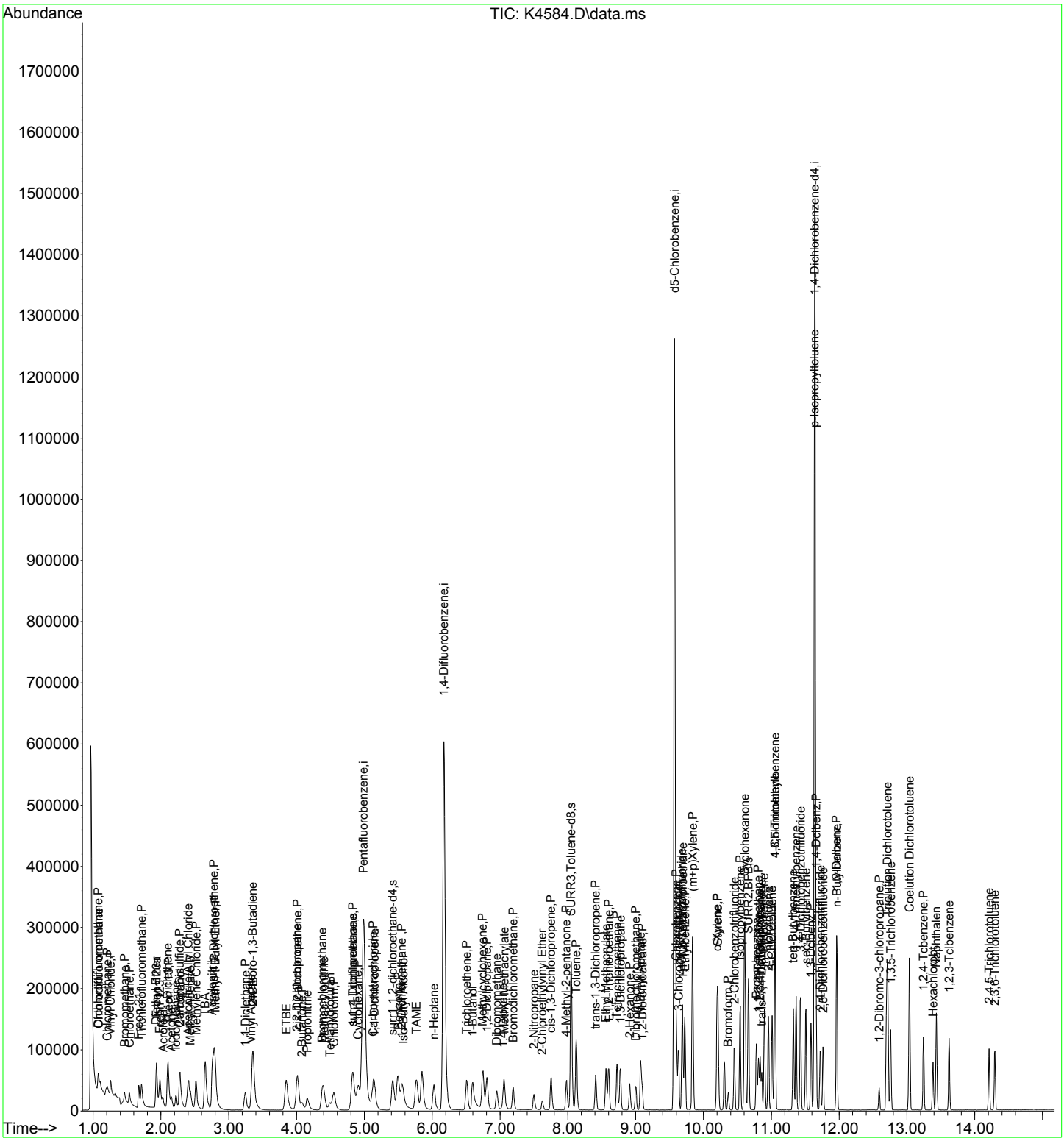
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	40926	5.422	ug/L	97
105) 1,4-Dclbenz	11.658	146	40093	5.261	ug/L	92
106) 2,4-Dichlorobenzotrifl...	11.725	214	14158	5.386	ug/L	96
107) 2,5-Dichlorobenzotrifl...	11.768	214	15519	5.297	ug/L	93
108) n-Butylbenzene	11.969	91	64605	5.206	ug/L	99
109) 1,2-Dclbenz	11.963	146	39234	5.265	ug/L	98
110) 1,2-Dibromo-3-chloropr...	12.591	157	5853	4.758	ug/L	84
111) Trielution Dichlorotol...	12.713	125	112627	16.034	ug/L	94
112) 1,3,5-Trichlorobenzene	12.762	180	26582	5.459	ug/L	95
113) Coelution Dichlorotoluene	13.036	125	80079	10.598	ug/L	97
114) 1,2,4-Tcbenzene	13.243	180	24151	5.115	ug/L	93
115) Hexachlorobt	13.384	225	9018	5.188	ug/L	95
116) Naphthalen	13.432	128	95267	5.335	ug/L	99
117) 1,2,3-Tclbenzene	13.621	180	24129	5.186	ug/L	96
118) 2,4,5-Trichlorotoluene	14.213	159	18909	5.102	ug/L	95
119) 2,3,6-Trichlorotoluene	14.298	159	17717	5.166	ug/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4584.D
Acq On : 31 Jul 2024 04:46 pm
Operator : K.Ruest
Sample : 5.0ppb
Misc : 8260/624 ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 19:25:13 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4585.D
Acq On : 31 Jul 2024 05:12 pm
Operator : K.Ruest
Sample : 20ppb
Misc : 8260/624 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 31 19:25:18 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	358873	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	610676	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	537613	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	250351	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	68340	17.94	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 35.88%#				
47) surr1,1,2-dichloroetha...	5.422	65	95471	18.34	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 36.68%#				
64) SURR3,Toluene-d8	8.049	98	255641	18.29	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 36.58%#				
69) SURR2,BFB	10.665	95	99946	18.18	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 36.36%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	87705	17.959	ug/L		92
3) Dichlorodifluoromethane	1.075	85	87559	20.888	ug/L		95
4) Chloromethane	1.209	50	87637	18.612	ug/L		97
5) Vinyl Chloride	1.258	62	87834	18.081	ug/L		99
6) Bromomethane	1.471	94	38546	19.901	ug/L		99
7) Chloroethane	1.538	64	59246	19.240	ug/L		95
8) Freon 21	1.672	67	119153	18.190	ug/L		98
9) Trichlorofluoromethane	1.715	101	98566	18.245	ug/L		99
10) Diethyl Ether	1.928	59	67059	17.245	ug/L		84
11) Freon 123a	1.935	67	64327	16.697	ug/L		85
12) Freon 123	1.983	83	79971	18.185	ug/L		97
13) Acrolein	2.026	56	46358	81.774	ug/L		99
14) 1,1-Diclethene	2.105	96	53670	17.643	ug/L	#	75
15) Freon 113	2.111	101	56210	17.970	ug/L		90
16) Acetone	2.154	43	56241	19.579	ug/L		90
17) 2-Propanol	2.282	45	215612	380.612	ug/L		99
18) Iodomethane	2.221	142	85354	17.994	ug/L		99
19) Carbon Disulfide	2.276	76	130639	17.444	ug/L		99
20) Acetonitrile/Allyl Chl...	2.404	41	161242	106.679	ug/L		87
21) Methyl Acetate	2.434	43	89413	17.838	ug/L		85
22) Methylene Chloride	2.520	84	62995	14.007	ug/L	#	70
23) TBA	2.648	59	382133	363.942	ug/L		91
24) Acrylonitrile	2.758	53	235379	89.769	ug/L		99
25) Methyl-t-Butyl Ether	2.800	73	209347	18.171	ug/L		88
26) trans-1,2-Dichloroethene	2.788	96	58953	17.667	ug/L	#	81
27) 1,1-Diclethane	3.245	63	120970	17.580	ug/L		98
28) Vinyl Acetate	3.331	86	10901	16.209	ug/L	#	1
29) DIPE	3.361	45	223374	18.387	ug/L		87
30) 2-Chloro-1,3-Butadiene	3.355	53	125469	18.015	ug/L		82
31) ETBE	3.849	59	232514	18.068	ug/L		91
32) 2,2-Dichloropropane	4.007	77	84501	19.521	ug/L		98
33) cis-1,2-Dichloroethene	4.013	96	67718	17.707	ug/L	#	76
34) 2-Butanone	4.080	43	62330	18.185	ug/L		87
35) Propionitrile	4.154	54	107084	91.449	ug/L		98
36) Bromochloromethane	4.379	130	44861	17.693	ug/L	#	61
37) Methacrylonitrile	4.398	67	38379	17.582	ug/L	#	30
38) Tetrahydrofuran	4.483	42	38258	17.500	ug/L	#	71
39) Chloroform	4.550	83	110882	17.334	ug/L		96
40) 1,1,1-Trichloroethane	4.824	97	100588	19.592	ug/L		93

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4585.D
Acq On : 31 Jul 2024 05:12 pm
Operator : K.Ruest
Sample : 20ppb
Misc : 8260/624 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 31 19:25:18 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.763	73	182034	18.339	ug/L		88
43) Cyclohexane	4.910	41	62281	17.322	ug/L		94
45) Carbontetrachloride	5.129	117	83368	17.169	ug/L		97
46) 1,1-Dichloropropene	5.147	75	76211	16.994	ug/L		97
48) Benzene	5.495	78	227746	17.534	ug/L		86
49) 1,2-Dichloroethane	5.544	62	116586	17.904	ug/L		94
50) Iso-Butyl Alcohol	5.562	43	111676	356.155	ug/L		100
51) n-Heptane	6.025	43	83506	17.070	ug/L	#	78
52) 1-Butanol	6.586	56	204850	996.803	ug/L		87
53) Trichloroethene	6.507	130	67590	17.453	ug/L		96
54) Methylcyclohexane	6.751	55	97283	17.802	ug/L	#	72
55) 1,2-Diclpropane	6.806	63	68962	17.442	ug/L		94
56) Dibromomethane	6.952	93	42830	17.274	ug/L		94
57) 1,4-Dioxane	7.037	88	29964	358.347	ug/L		97
58) Methyl Methacrylate	7.056	69	59631	18.049	ug/L	#	62
59) Bromodichloromethane	7.196	83	81350	17.464	ug/L		97
60) 2-Nitropropane	7.501	41	59786	35.912	ug/L		90
61) 2-Chloroethylvinyl Ether	7.623	63	23407	18.329	ug/L		95
62) cis-1,3-Dichloropropene	7.757	75	97086	18.300	ug/L		98
63) 4-Methyl-2-pentanone	7.976	43	113983	18.403	ug/L		86
65) Toluene	8.122	91	251338	16.951	ug/L		95
66) trans-1,3-Dichloropropene	8.409	75	91267	17.913	ug/L		97
67) Ethyl Methacrylate	8.561	69	100720	17.649	ug/L	#	67
68) 1,1,2-Trichloroethane	8.604	97	63474	17.764	ug/L		97
71) Tetrachloroethene	8.726	164	45203	17.051	ug/L		95
72) 2-Hexanone	8.909	43	88940	18.770	ug/L		85
73) 1,3-Dichloropropane	8.775	76	103558	17.854	ug/L	#	79
74) Dibromochloromethane	9.000	129	67323	17.979	ug/L		97
75) N-Butyl Acetate	9.073	43	175580	19.324	ug/L		87
76) 1,2-Dibromoethane	9.098	107	70583	18.389	ug/L		99
77) 3-Chlorobenzotrifluoride	9.634	180	75706	17.331	ug/L		89
78) Chlorobenzene	9.598	112	170916	16.966	ug/L		94
79) 4-Chlorobenzotrifluoride	9.689	180	69824	17.252	ug/L		96
80) 1,1,1,2-Tetrachloroethane	9.695	131	65927	18.163	ug/L		98
81) Ethylbenzene	9.726	106	89237	17.618	ug/L		96
82) (m+p)Xylene	9.842	106	223663	35.871	ug/L		97
83) o-Xylene	10.201	106	107636	17.332	ug/L		92
84) Styrene	10.220	104	189563	18.146	ug/L		97
85) Bromoform	10.366	173	37737	17.819	ug/L		99
86) 2-Chlorobenzotrifluoride	10.457	180	77247	17.452	ug/L		96
87) Isopropylbenzene	10.543	105	282054	17.715	ug/L		98
88) Cyclohexanone	10.610	55	465329	395.611	ug/L		92
89) trans-1,4-Dichloro-2-B...	10.860	53	42168	18.768	ug/L		79
91) 1,1,2,2-Tetrachloroethane	10.811	83	96093	18.340	ug/L		99
92) Bromobenzene	10.781	156	70521	17.658	ug/L	#	88
93) 1,2,3-Trichloropropane	10.835	110	34865	18.350	ug/L	#	84
94) n-Propylbenzene	10.896	91	324754	17.901	ug/L		99
95) 2-Chlorotoluene	10.957	91	201259	17.640	ug/L		99
96) 3-Chlorotoluene	11.012	91	204933	17.754	ug/L		96
97) 4-Chlorotoluene	11.055	91	242157	18.453	ug/L		96
98) 1,3,5-Trimethylbenzene	11.055	105	244950	17.828	ug/L		99
99) tert-Butylbenzene	11.329	119	206854	17.640	ug/L		97
100) 1,2,4-Trimethylbenzene	11.366	105	249852	17.937	ug/L		98
101) 3,4-Dichlorobenzotrifl...	11.433	214	52830	17.466	ug/L		95
102) sec-Butylbenzene	11.512	105	293702	17.888	ug/L		98
103) p-Isopropyltoluene	11.634	119	262178	18.157	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4585.D
Acq On : 31 Jul 2024 05:12 pm
Operator : K.Ruest
Sample : 20ppb
Misc : 8260/624 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 31 19:25:18 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

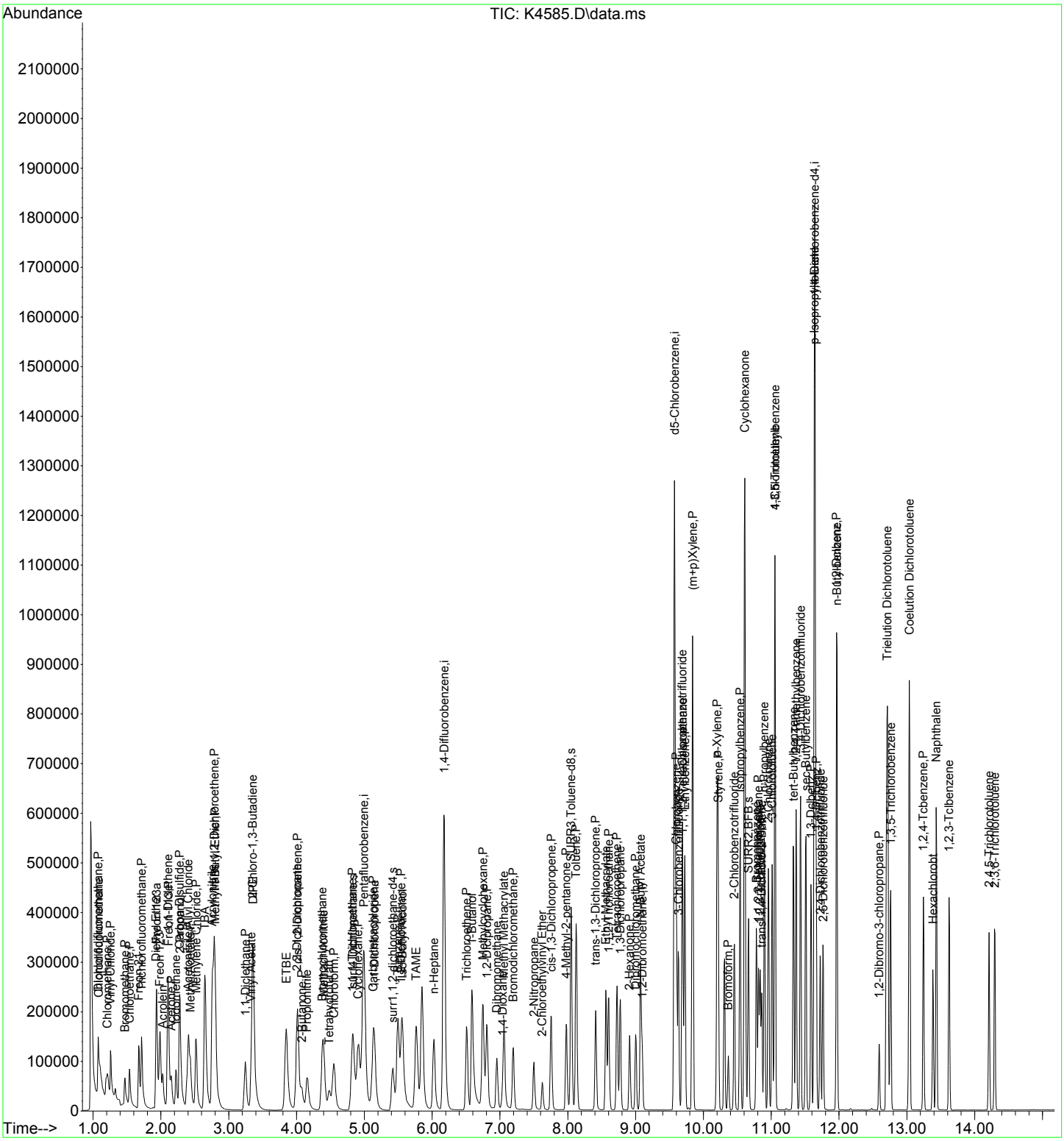
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	134004	17.520	ug/L	99
105) 1,4-Dclbenz	11.665	146	137913	17.858	ug/L	98
106) 2,4-Dichlorobenzotrifl...	11.725	214	46678	17.525	ug/L	97
107) 2,5-Dichlorobenzotrifl...	11.768	214	51315	17.284	ug/L	99
108) n-Butylbenzene	11.969	91	229906	18.283	ug/L	98
109) 1,2-Dclbenz	11.963	146	133938	17.736	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.591	157	24334	19.520	ug/L	95
111) Trielution Dichlorotol...	12.713	125	388966	54.646	ug/L	96
112) 1,3,5-Trichlorobenzene	12.762	180	88351	17.905	ug/L	98
113) Coelution Dichlorotoluene	13.036	125	286820	37.462	ug/L	97
114) 1,2,4-Tcbenzene	13.243	180	87104	18.206	ug/L	99
115) Hexachlorobt	13.384	225	31896	18.110	ug/L	96
116) Naphthalen	13.432	128	346989	19.178	ug/L	99
117) 1,2,3-Tclbenzene	13.621	180	86242	18.291	ug/L	96
118) 2,4,5-Trichlorotoluene	14.213	159	70042	18.648	ug/L	95
119) 2,3,6-Trichlorotoluene	14.298	159	67405	19.397	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4585.D
Acq On : 31 Jul 2024 05:12 pm
Operator : K.Ruest
Sample : 20ppb
Misc : 8260/624 ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 31 19:25:18 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4586.D
Acq On : 31 Jul 2024 05:37 pm
Operator : K.Ruest
Sample : 50ppb
Misc : 8260/624 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 19:25:23 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	363476	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	621116	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	558886	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	279249	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	197847	51.06	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.12%				
47) surr1,1,2-dichloroetha...	5.416	65	271038	51.18	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 102.36%				
64) SURR3,Toluene-d8	8.049	98	722177	50.79	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 101.58%				
69) SURR2,BFB	10.665	95	286273	51.21	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 102.42%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	243593	49.247	ug/L		90
3) Dichlorodifluoromethane	1.075	85	241158	56.803	ug/L		96
4) Chloromethane	1.209	50	242008	50.747	ug/L		97
5) Vinyl Chloride	1.264	62	244305	49.655	ug/L		97
6) Bromomethane	1.465	94	97642	49.772	ug/L		99
7) Chloroethane	1.532	64	162994	52.261	ug/L		96
8) Freon 21	1.672	67	322048	48.541	ug/L		98
9) Trichlorofluoromethane	1.715	101	271772	49.669	ug/L		98
10) Diethyl Ether	1.935	59	189053	48.003	ug/L		85
11) Freon 123a	1.935	67	175298	44.926	ug/L		87
12) Freon 123	1.989	83	221260	49.676	ug/L		99
13) Acrolein	2.026	56	153666	267.628	ug/L		99
14) 1,1-Diclethene	2.105	96	149701	48.589	ug/L	#	79
15) Freon 113	2.105	101	154039	48.622	ug/L		92
16) Acetone	2.154	43	147713	50.772	ug/L		91
17) 2-Propanol	2.282	45	578688	1008.601	ug/L		99
18) Iodomethane	2.221	142	250698	52.182	ug/L		97
19) Carbon Disulfide	2.276	76	388592	51.230	ug/L		100
20) Acetonitrile/Allyl Chl...	2.404	41	446733	291.820	ug/L		88
21) Methyl Acetate	2.434	43	251798	49.599	ug/L		83
22) Methylene Chloride	2.520	84	170716	37.477	ug/L	#	71
23) TBA	2.654	59	1077602	1013.306	ug/L		91
24) Acrylonitrile	2.758	53	660738	248.800	ug/L		99
25) Methyl-t-Butyl Ether	2.800	73	574598	49.242	ug/L		86
26) trans-1,2-Dichloroethene	2.782	96	164373	48.636	ug/L	#	78
27) 1,1-Diclethane	3.245	63	341798	49.042	ug/L		98
28) Vinyl Acetate	3.331	86	32718	48.034	ug/L	#	1
29) DIPE	3.361	45	594998	48.356	ug/L		88
30) 2-Chloro-1,3-Butadiene	3.355	53	352679	49.997	ug/L		77
31) ETBE	3.849	59	634723	48.698	ug/L		90
32) 2,2-Dichloropropane	4.007	77	246065	56.126	ug/L		99
33) cis-1,2-Dichloroethene	4.019	96	189791	48.997	ug/L	#	78
34) 2-Butanone	4.080	43	176436	50.824	ug/L		83
35) Propionitrile	4.160	54	293565	247.526	ug/L		99
36) Bromochloromethane	4.385	130	125853	49.008	ug/L	#	74
37) Methacrylonitrile	4.397	67	111431	50.402	ug/L	#	48
38) Tetrahydrofuran	4.477	42	108500	49.002	ug/L	#	70
39) Chloroform	4.550	83	306222	47.266	ug/L		96
40) 1,1,1-Trichloroethane	4.830	97	282826	54.390	ug/L		95

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4586.D
Acq On : 31 Jul 2024 05:37 pm
Operator : K.Ruest
Sample : 50ppb
Misc : 8260/624 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 19:25:23 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.763	73	490781	48.818	ug/L		86
43) Cyclohexane	4.910	41	168527	46.084	ug/L		93
45) Carbontetrachloride	5.129	117	246914	49.994	ug/L		98
46) 1,1-Dichloropropene	5.147	75	212597	46.610	ug/L		98
48) Benzene	5.495	78	633311	47.938	ug/L		86
49) 1,2-Dichloroethane	5.550	62	313528	47.338	ug/L		94
50) Iso-Butyl Alcohol	5.562	43	342908	1075.213	ug/L		96
51) n-Heptane	6.025	43	229735	46.171	ug/L	#	77
52) 1-Butanol	6.586	56	628129	3005.110	ug/L		86
53) Trichloroethene	6.507	130	192241	48.805	ug/L		98
54) Methylcyclohexane	6.751	55	270904	48.741	ug/L	#	73
55) 1,2-Diclpropane	6.806	63	193800	48.191	ug/L		95
56) Dibromomethane	6.952	93	123812	49.095	ug/L		93
57) 1,4-Dioxane	7.037	88	85881	1009.808	ug/L		87
58) Methyl Methacrylate	7.062	69	166677	49.603	ug/L	#	66
59) Bromodichloromethane	7.196	83	236724	49.966	ug/L		99
60) 2-Nitropropane	7.501	41	182268	107.643	ug/L		95
61) 2-Chloroethylvinyl Ether	7.623	63	64685	49.800	ug/L		93
62) cis-1,3-Dichloropropene	7.757	75	276676	51.276	ug/L		99
63) 4-Methyl-2-pentanone	7.976	43	320288	50.842	ug/L		87
65) Toluene	8.122	91	712947	47.274	ug/L		98
66) trans-1,3-Dichloropropene	8.415	75	267376	51.595	ug/L		99
67) Ethyl Methacrylate	8.561	69	289033	49.794	ug/L	#	63
68) 1,1,2-Trichloroethane	8.604	97	177581	48.863	ug/L		99
71) Tetrachloroethene	8.726	164	130261	47.266	ug/L		97
72) 2-Hexanone	8.909	43	251229	51.000	ug/L		84
73) 1,3-Dichloropropane	8.775	76	289111	47.948	ug/L	#	79
74) Dibromochloromethane	9.000	129	200643	51.544	ug/L		98
75) N-Butyl Acetate	9.073	43	479359	50.749	ug/L		90
76) 1,2-Dibromoethane	9.098	107	197658	49.537	ug/L		99
77) 3-Chlorobenzotrifluoride	9.634	180	208214	45.850	ug/L		92
78) Chlorobenzene	9.604	112	484837	46.296	ug/L		98
79) 4-Chlorobenzotrifluoride	9.689	180	190081	45.177	ug/L		94
80) 1,1,1,2-Tetrachloroethane	9.695	131	189183	50.136	ug/L		99
81) Ethylbenzene	9.726	106	254369	48.308	ug/L		99
82) (m+p)Xylene	9.842	106	635191	97.993	ug/L		98
83) o-Xylene	10.201	106	316753	49.064	ug/L		94
84) Styrene	10.220	104	547558	50.421	ug/L		98
85) Bromoform	10.366	173	121756	55.302	ug/L		100
86) 2-Chlorobenzotrifluoride	10.457	180	210069	45.654	ug/L		95
87) Isopropylbenzene	10.543	105	825023	49.846	ug/L		99
88) Cyclohexanone	10.610	55	1297717	1061.291	ug/L		95
89) trans-1,4-Dichloro-2-B...	10.860	53	119212	51.040	ug/L		84
91) 1,1,2,2-Tetrachloroethane	10.811	83	267208	45.720	ug/L		99
92) Bromobenzene	10.780	156	201638	45.265	ug/L	#	88
93) 1,2,3-Trichloropropane	10.835	110	98978	46.703	ug/L		90
94) n-Propylbenzene	10.902	91	942226	46.563	ug/L		99
95) 2-Chlorotoluene	10.957	91	575711	45.239	ug/L		99
96) 3-Chlorotoluene	11.012	91	572851	44.492	ug/L		97
97) 4-Chlorotoluene	11.055	91	668527	45.672	ug/L		98
98) 1,3,5-Trimethylbenzene	11.055	105	723140	47.185	ug/L		98
99) tert-Butylbenzene	11.329	119	606750	46.388	ug/L		99
100) 1,2,4-Trimethylbenzene	11.366	105	725485	46.694	ug/L		98
101) 3,4-Dichlorobenzotrifl...	11.433	214	149527	44.319	ug/L		94
102) sec-Butylbenzene	11.512	105	857119	46.800	ug/L		99
103) p-Isopropyltoluene	11.634	119	778252	48.319	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4586.D
Acq On : 31 Jul 2024 05:37 pm
Operator : K.Ruest
Sample : 50ppb
Misc : 8260/624 ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 31 19:25:23 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

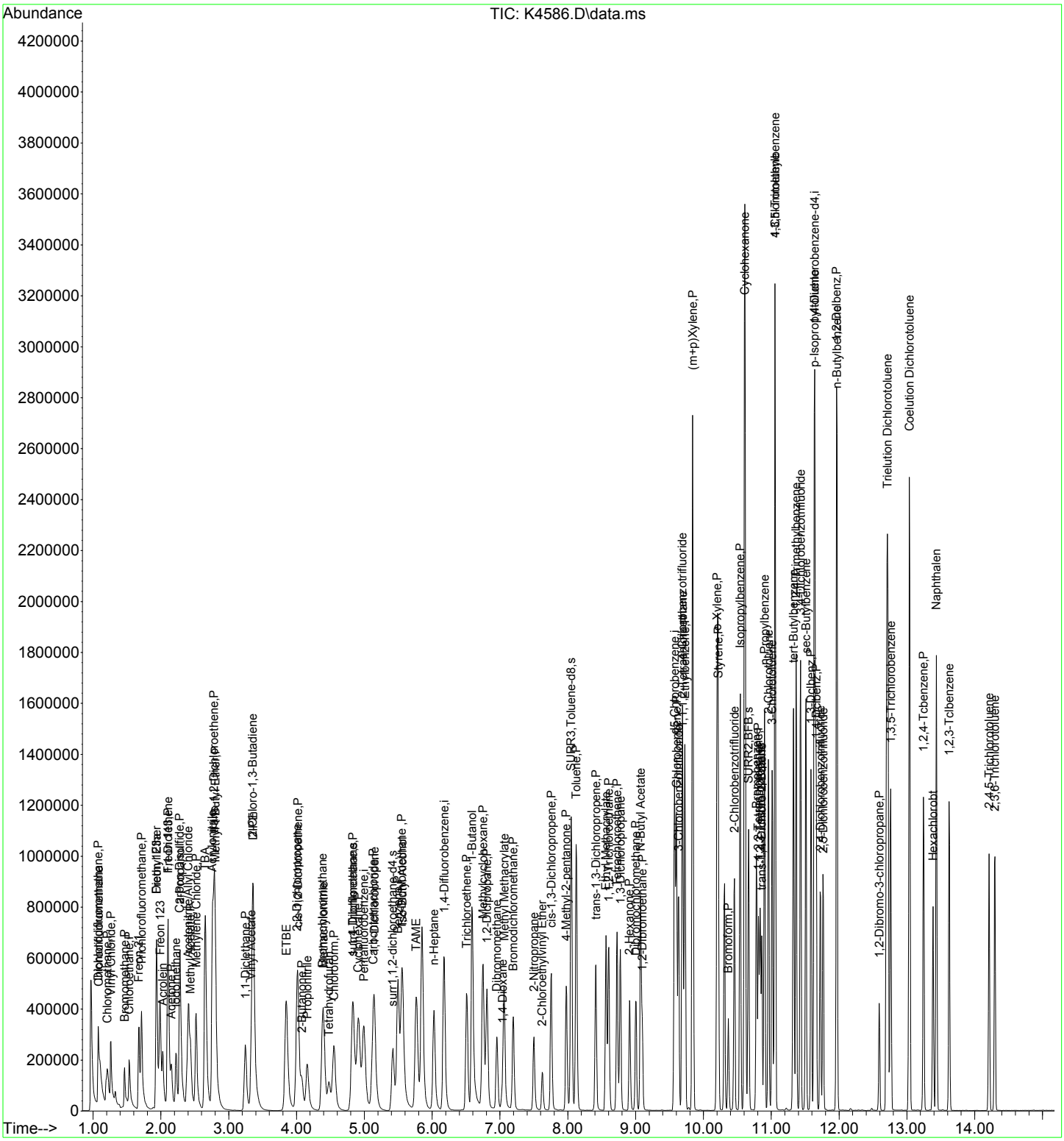
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	393453	46.117	ug/L	98
105) 1,4-Dclbenz	11.664	146	399058	46.325	ug/L	97
106) 2,4-Dichlorobenzotrifl...	11.725	214	133648	44.985	ug/L	96
107) 2,5-Dichlorobenzotrifl...	11.768	214	149097	45.021	ug/L	99
108) n-Butylbenzene	11.969	91	669613	47.740	ug/L	98
109) 1,2-Dclbenz	11.963	146	392551	46.602	ug/L	98
110) 1,2-Dibromo-3-chloropr...	12.591	157	77380	55.649	ug/L	95
111) Trielution Dichlorotol...	12.713	125	1109179	139.703	ug/L	96
112) 1,3,5-Trichlorobenzene	12.762	180	253317	46.024	ug/L	98
113) Coelution Dichlorotoluene	13.036	125	797609	93.395	ug/L	95
114) 1,2,4-Tcbenzene	13.243	180	257284	48.210	ug/L	95
115) Hexachlorobt	13.384	225	91072	46.358	ug/L	97
116) Naphthalen	13.432	128	1014693	50.278	ug/L	99
117) 1,2,3-Tclbenzene	13.621	180	250571	47.644	ug/L	97
118) 2,4,5-Trichlorotoluene	14.213	159	198384	47.353	ug/L	95
119) 2,3,6-Trichlorotoluene	14.298	159	190326	49.103	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4586.D
Acq On : 31 Jul 2024 05:37 pm
Operator : K.Ruest
Sample : 50ppb
Misc : 8260/624 ICAL
ALS Vial : 6 Sample Multiplier: 1

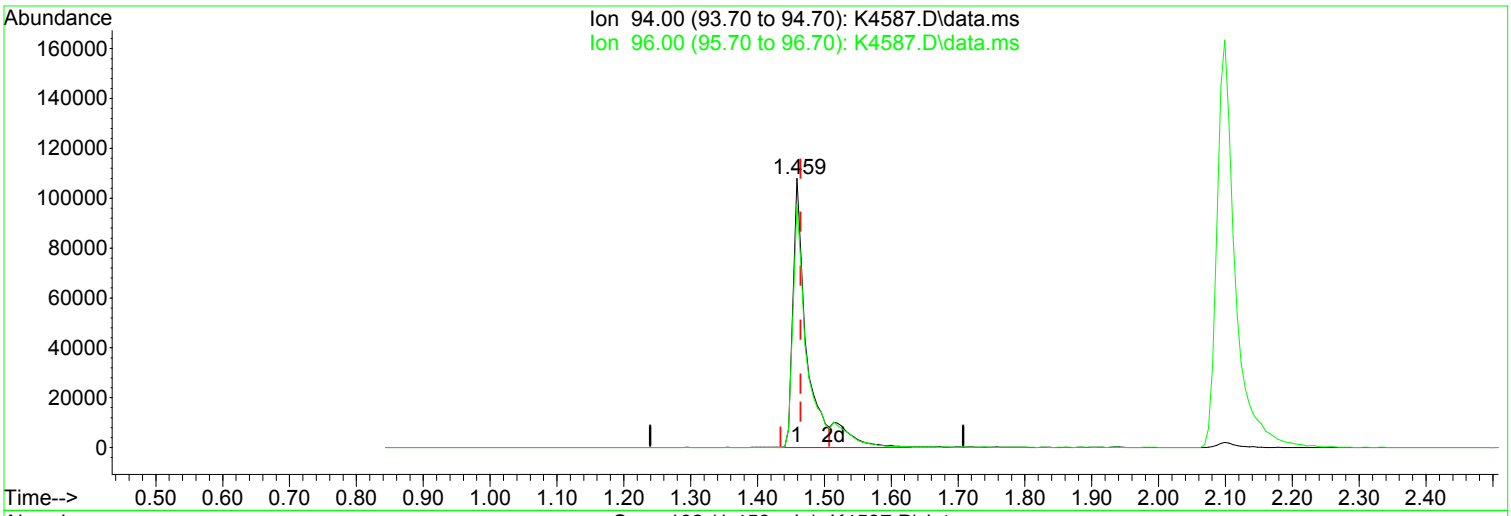
Quant Time: Jul 31 19:25:23 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

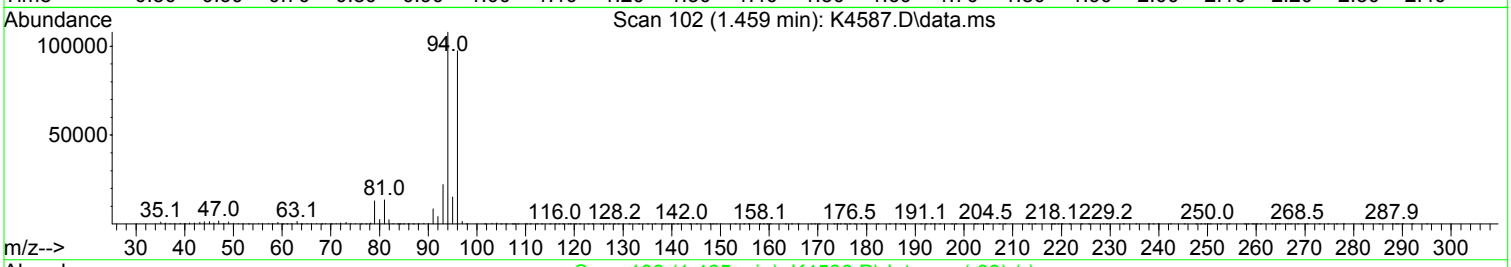


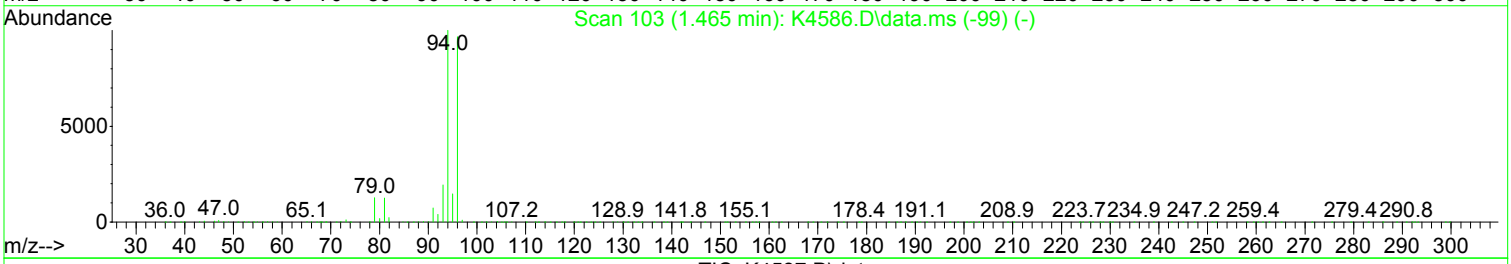
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4587.D
Acq On : 31 Jul 2024 06:02 pm
Operator : K.Ruest
Sample : 100ppb
Misc : 8260/624 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 19:25:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4587.D\data.ms

(6) Bromomethane (P)

1.459min (-0.006) 85.65 ug/L m

response 165103

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	95.80	90.31
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

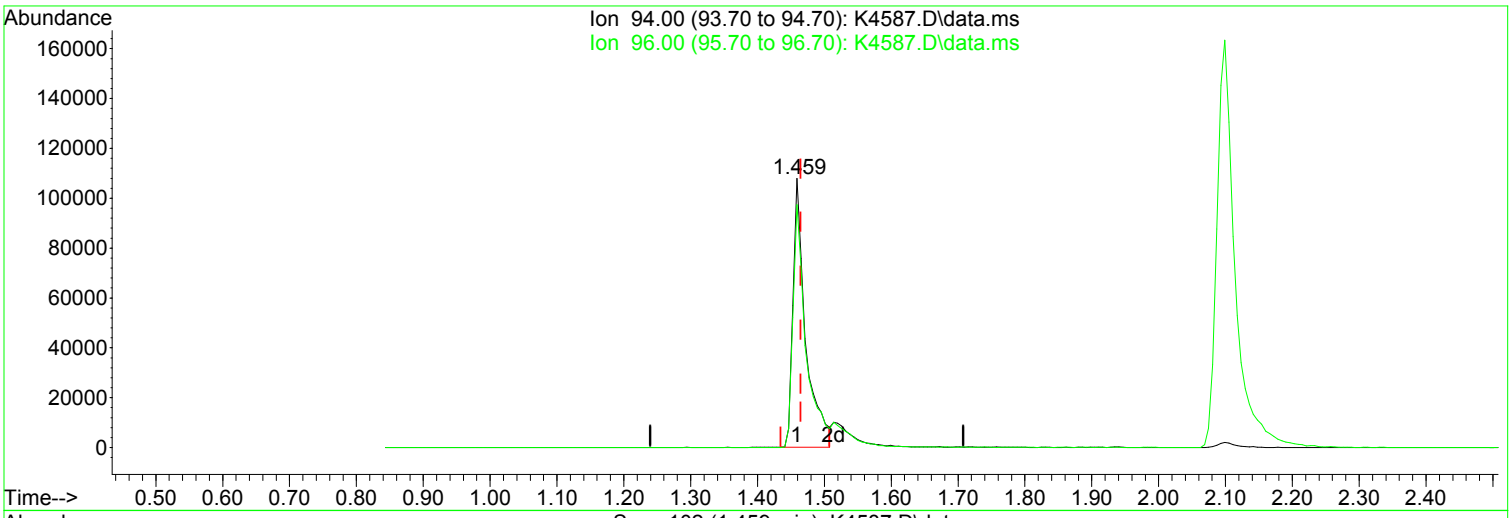
Split Peak.

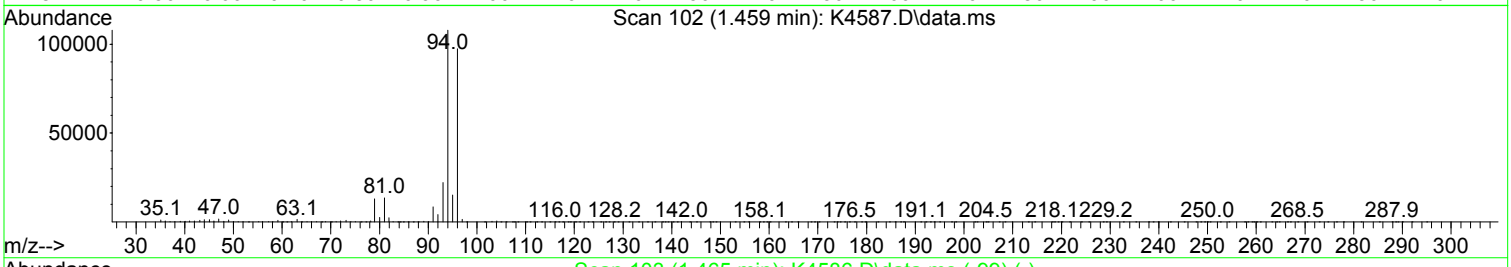
08/01/24

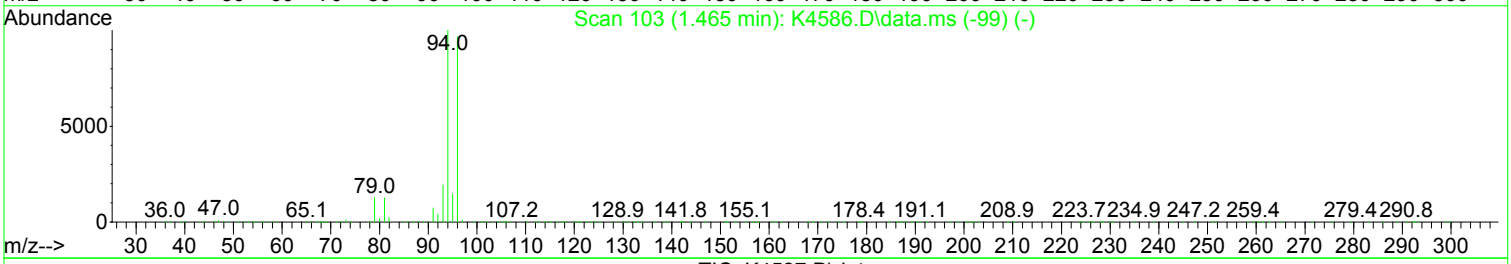
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4587.D
Acq On : 31 Jul 2024 06:02 pm
Operator : K.Ruest
Sample : 100ppb
Misc : 8260/624 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 19:25:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4587.D\data.ms

(6) Bromomethane (P)

1.459min (-0.006) 73.75 ug/L

response 142167

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	95.80	90.31
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4587.D
Acq On : 31 Jul 2024 06:02 pm
Operator : K.Ruest
Sample : 100ppb
Misc : 8260/624 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 19:25:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.989	168	357137	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.172	114	608684	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	568337	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.646	152	279728	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	397765	104.76	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 209.52%#				
47) surr1,1,2-dichloroetha...	5.416	65	531481	102.41	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 204.82%#				
64) SURR3,Toluene-d8	8.049	98	1411833	101.33	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 202.66%#				
69) SURR2,BFB	10.665	95	552535	100.86	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 201.72%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	470840	96.879	ug/L		90
3) Dichlorodifluoromethane	1.075	85	484645	116.181	ug/L		96
4) Chloromethane	1.209	50	499691	106.640	ug/L		98
5) Vinyl Chloride	1.258	62	504429	104.345	ug/L		96
6) Bromomethane	1.459	94	165103m	85.654	ug/L		
7) Chloroethane	1.526	64	320012	104.426	ug/L		95
8) Freon 21	1.672	67	635695	97.517	ug/L		98
9) Trichlorofluoromethane	1.709	101	535515	99.608	ug/L		99
10) Diethyl Ether	1.928	59	386603	99.905	ug/L		82
11) Freon 123a	1.935	67	330322	86.158	ug/L		91
12) Freon 123	1.983	83	438145	100.115	ug/L		100
13) Acrolein	2.026	56	341137	604.678	ug/L		98
14) 1,1-Diclethene	2.099	96	310726	102.644	ug/L	#	83
15) Freon 113	2.105	101	307715	98.853	ug/L		98
16) Acetone	2.154	43	283335	99.118	ug/L		93
17) 2-Propanol	2.288	45	1196598	2122.579	ug/L		96
18) Iodomethane	2.221	142	501306	106.197	ug/L		100
19) Carbon Disulfide	2.270	76	811857	108.930	ug/L		99
20) Acetonitrile/Allyl Chl...	2.404	41	957474	636.553	ug/L		86
21) Methyl Acetate	2.434	43	498090	99.855	ug/L		86
22) Methylene Chloride	2.514	84	339077	75.758	ug/L	#	68
23) TBA	2.660	59	2300828	2201.950	ug/L		93
24) Acrylonitrile	2.758	53	1356473	519.845	ug/L		100
25) Methyl-t-Butyl Ether	2.794	73	1168377	101.904	ug/L		88
26) trans-1,2-Dichloroethene	2.782	96	337400	101.604	ug/L	#	79
27) 1,1-Diclethane	3.239	63	696079	101.647	ug/L		98
28) Vinyl Acetate	3.331	86	81591	121.912	ug/L	#	1
29) DIPE	3.361	45	1215057	100.502	ug/L		85
30) 2-Chloro-1,3-Butadiene	3.349	53	699704	100.953	ug/L		79
31) ETBE	3.849	59	1292025	100.888	ug/L		91
32) 2,2-Dichloropropane	4.007	77	515824	119.744	ug/L		98
33) cis-1,2-Dichloroethene	4.013	96	385929	101.402	ug/L	#	76
34) 2-Butanone	4.074	43	350602	102.786	ug/L		84
35) Propionitrile	4.160	54	619261	531.413	ug/L		100
36) Bromochloromethane	4.379	130	256591	101.693	ug/L	#	73
37) Methacrylonitrile	4.404	67	230712	106.207	ug/L	#	48
38) Tetrahydrofuran	4.477	42	224310	103.103	ug/L	#	71
39) Chloroform	4.550	83	624989	98.181	ug/L		96
40) 1,1,1-Trichloroethane	4.824	97	573760	112.297	ug/L		96

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4587.D
Acq On : 31 Jul 2024 06:02 pm
Operator : K.Ruest
Sample : 100ppb
Misc : 8260/624 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 19:25:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.763	73	1004328	101.674	ug/L		88
43) Cyclohexane	4.910	41	332128	92.676	ug/L		91
45) Carbontetrachloride	5.129	117	501346	103.584	ug/L		98
46) 1,1-Dichloropropene	5.141	75	433110	96.895	ug/L		98
48) Benzene	5.495	78	1290813	99.703	ug/L		86
49) 1,2-Dichloroethane	5.544	62	634258	97.719	ug/L		94
50) Iso-Butyl Alcohol	5.568	43	748366	2394.484	ug/L		99
51) n-Heptane	6.025	43	476356	97.691	ug/L	#	77
52) 1-Butanol	6.598	56	1338289	6533.445	ug/L		88
53) Trichloroethene	6.507	130	387538	100.395	ug/L		98
54) Methylcyclohexane	6.745	55	528091	96.955	ug/L	#	76
55) 1,2-Diclpropane	6.806	63	391944	99.453	ug/L		97
56) Dibromomethane	6.952	93	253727	102.664	ug/L		95
57) 1,4-Dioxane	7.037	88	178721	2144.363	ug/L		80
58) Methyl Methacrylate	7.062	69	348324	105.778	ug/L	#	65
59) Bromodichloromethane	7.196	83	489492	105.429	ug/L		99
60) 2-Nitropropane	7.501	41	387956	233.798	ug/L		93
61) 2-Chloroethylvinyl Ether	7.622	63	127025	99.792	ug/L		92
62) cis-1,3-Dichloropropene	7.751	75	576766	109.075	ug/L		99
63) 4-Methyl-2-pentanone	7.976	43	635432	102.927	ug/L		88
65) Toluene	8.122	91	1434313	97.049	ug/L		98
66) trans-1,3-Dichloropropene	8.409	75	556593	109.598	ug/L		98
67) Ethyl Methacrylate	8.561	69	610480	107.321	ug/L	#	64
68) 1,1,2-Trichloroethane	8.604	97	361155	101.406	ug/L		98
71) Tetrachloroethene	8.726	164	267049	95.288	ug/L		95
72) 2-Hexanone	8.909	43	509844	101.779	ug/L		88
73) 1,3-Dichloropropane	8.775	76	579140	94.452	ug/L	#	79
74) Dibromochloromethane	9.000	129	427487	107.992	ug/L		99
75) N-Butyl Acetate	9.073	43	956258	99.553	ug/L		90
76) 1,2-Dibromoethane	9.098	107	403027	99.327	ug/L		100
77) 3-Chlorobenzotrifluoride	9.634	180	440940	95.483	ug/L		93
78) Chlorobenzene	9.598	112	991966	93.145	ug/L		96
79) 4-Chlorobenzotrifluoride	9.689	180	404181	94.465	ug/L		96
80) 1,1,1,2-Tetrachloroethane	9.695	131	395392	103.042	ug/L		96
81) Ethylbenzene	9.726	106	523577	97.780	ug/L		96
82) (m+p)Xylene	9.842	106	1274226	193.310	ug/L		100
83) o-Xylene	10.201	106	643665	98.044	ug/L		97
84) Styrene	10.220	104	1137229	102.979	ug/L		97
85) Bromoform	10.366	173	270865	120.983	ug/L		100
86) 2-Chlorobenzotrifluoride	10.457	180	448671	95.888	ug/L		95
87) Isopropylbenzene	10.543	105	1668331	99.121	ug/L		100
88) Cyclohexanone	10.610	55	2681676	2156.642	ug/L		95
89) trans-1,4-Dichloro-2-B...	10.860	53	259868	109.411	ug/L		86
91) 1,1,2,2-Tetrachloroethane	10.811	83	563520	96.254	ug/L		99
92) Bromobenzene	10.780	156	416057	93.240	ug/L	#	89
93) 1,2,3-Trichloropropane	10.835	110	204015	96.100	ug/L	#	89
94) n-Propylbenzene	10.902	91	1904835	93.972	ug/L		100
95) 2-Chlorotoluene	10.957	91	1173741	92.074	ug/L		99
96) 3-Chlorotoluene	11.012	91	1193475	92.536	ug/L		97
97) 4-Chlorotoluene	11.055	91	1361017	92.821	ug/L		98
98) 1,3,5-Trimethylbenzene	11.055	105	1446319	94.211	ug/L		99
99) tert-Butylbenzene	11.329	119	1241764	94.774	ug/L		98
100) 1,2,4-Trimethylbenzene	11.366	105	1488520	95.641	ug/L		98
101) 3,4-Dichlorobenzotrifl...	11.433	214	311554	92.185	ug/L		97
102) sec-Butylbenzene	11.512	105	1748618	95.313	ug/L		98
103) p-Isopropyltoluene	11.634	119	1539032	95.391	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4587.D
Acq On : 31 Jul 2024 06:02 pm
Operator : K.Ruest
Sample : 100ppb
Misc : 8260/624 ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 19:25:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

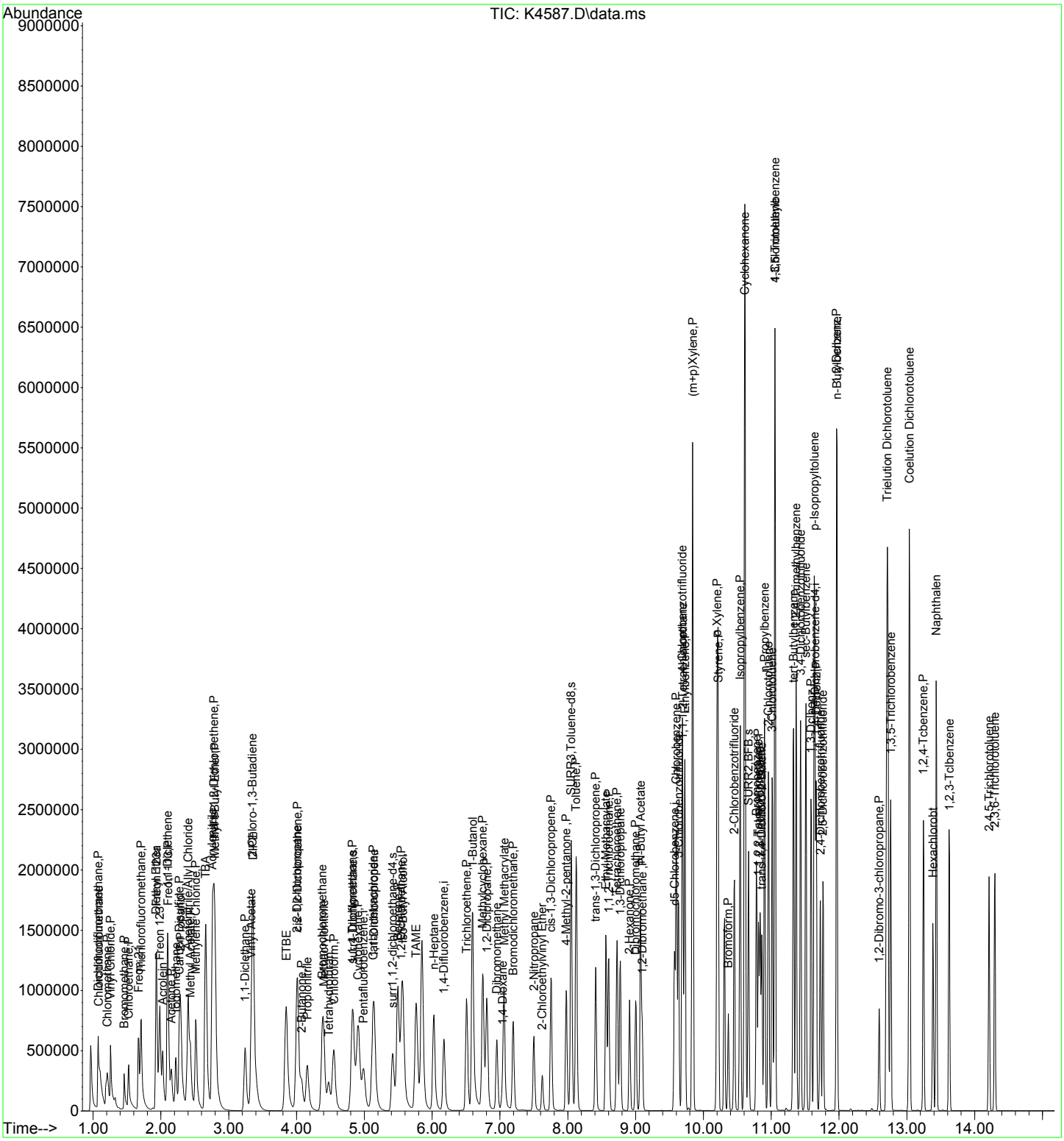
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	817006	95.599	ug/L	98
105) 1,4-Dclbenz	11.664	146	809191	93.776	ug/L	98
106) 2,4-Dichlorobenzotrifl...	11.725	214	276717	92.981	ug/L	96
107) 2,5-Dichlorobenzotrifl...	11.762	214	312122	94.087	ug/L	95
108) n-Butylbenzene	11.969	91	1344541	95.694	ug/L	98
109) 1,2-Dclbenz	11.963	146	806688	95.603	ug/L	97
110) 1,2-Dibromo-3-chloropr...	12.591	157	165008	118.465	ug/L	94
111) Trielution Dichlorotol...	12.713	125	2213886	278.365	ug/L	97
112) 1,3,5-Trichlorobenzene	12.762	180	506876	91.935	ug/L	99
113) Coelution Dichlorotoluene	13.036	125	1599194	186.935	ug/L	97
114) 1,2,4-Tcbenzene	13.243	180	508057	95.037	ug/L	96
115) Hexachlorobt	13.384	225	181615	92.289	ug/L	97
116) Naphthalen	13.432	128	2029659	100.397	ug/L	99
117) 1,2,3-Tclbenzene	13.628	180	498131	94.552	ug/L	99
118) 2,4,5-Trichlorotoluene	14.213	159	388837	92.654	ug/L	99
119) 2,3,6-Trichlorotoluene	14.298	159	370240	95.356	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4587.D
Acq On : 31 Jul 2024 06:02 pm
Operator : K.Ruest
Sample : 100ppb
Misc : 8260/624 ICAL
ALS Vial : 7 Sample Multiplier: 1

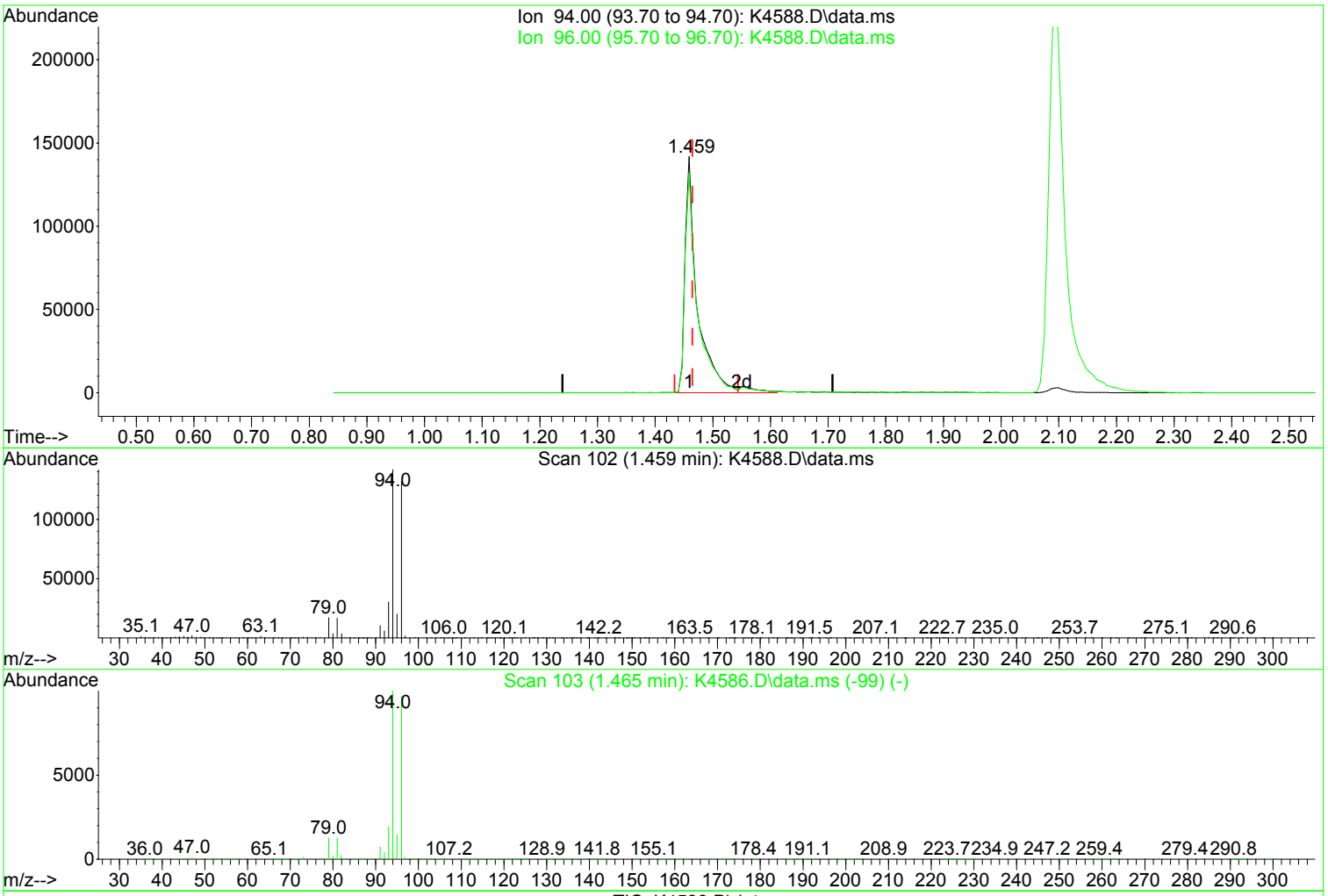
Quant Time: Jul 31 19:25:28 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4588.D
Acq On : 31 Jul 2024 06:27 pm
Operator : K.Ruest
Sample : 150ppb
Misc : 8260/624 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 31 19:25:33 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



TIC: K4588.D\data.ms

(6) Bromomethane (P)

1.459min (-0.006) 112.75 ug/L m

response 217207

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	95.80	92.91
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

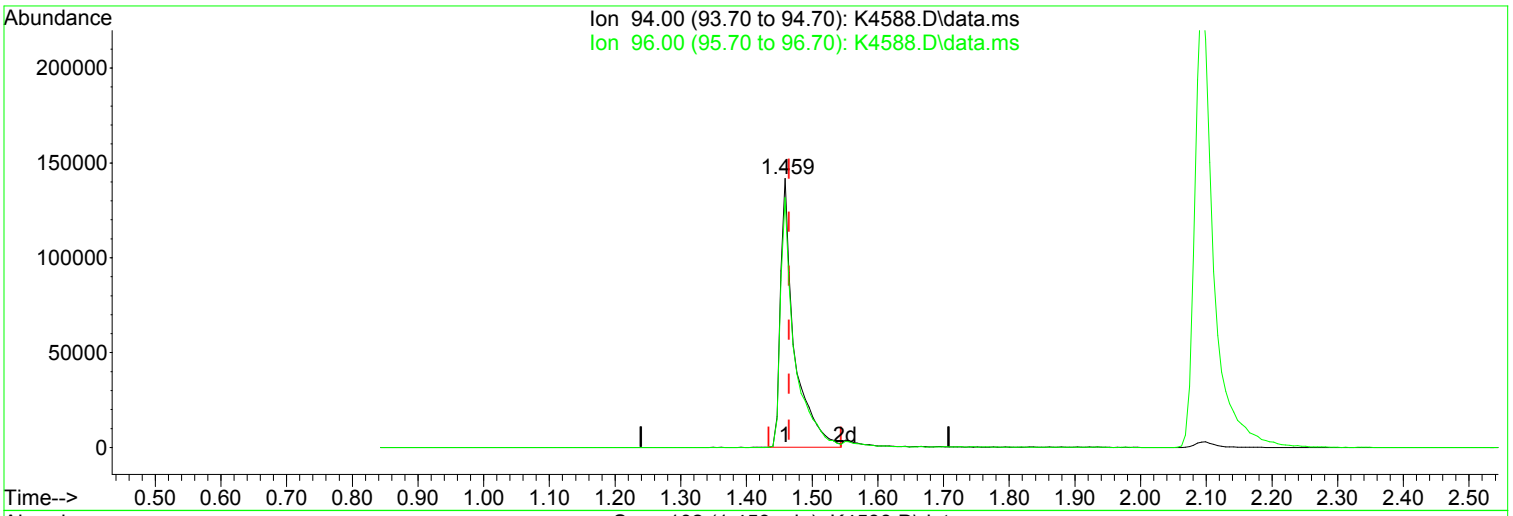
Poor integration.

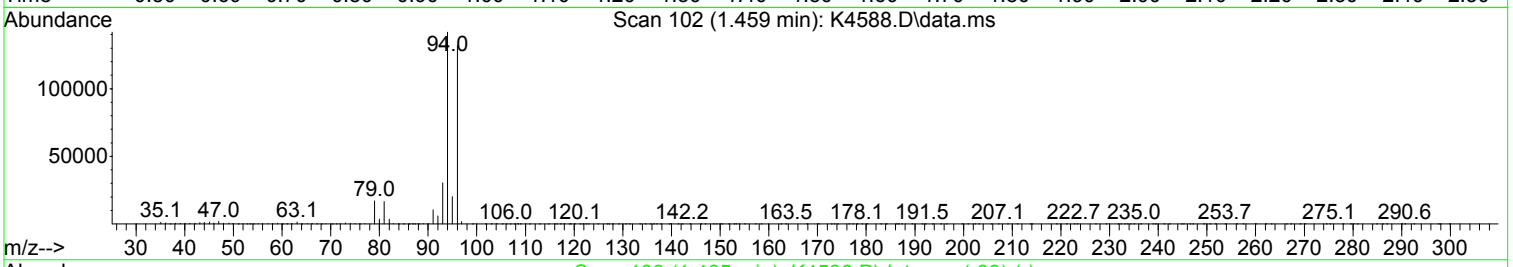
08/01/24

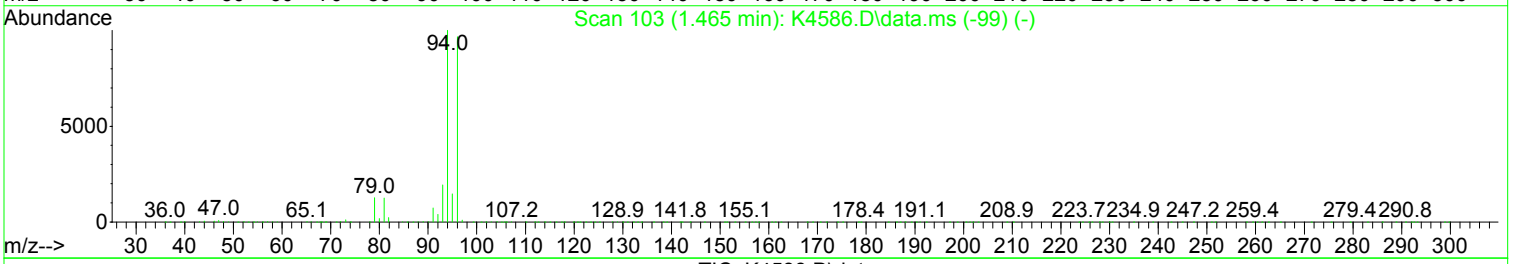
1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4588.D
Acq On : 31 Jul 2024 06:27 pm
Operator : K.Ruest
Sample : 150ppb
Misc : 8260/624 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 31 19:25:33 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4588.D\data.ms

(6) Bromomethane (P)

1.459min (-0.006) 108.09 ug/L

response 208237

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	95.80	92.91
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

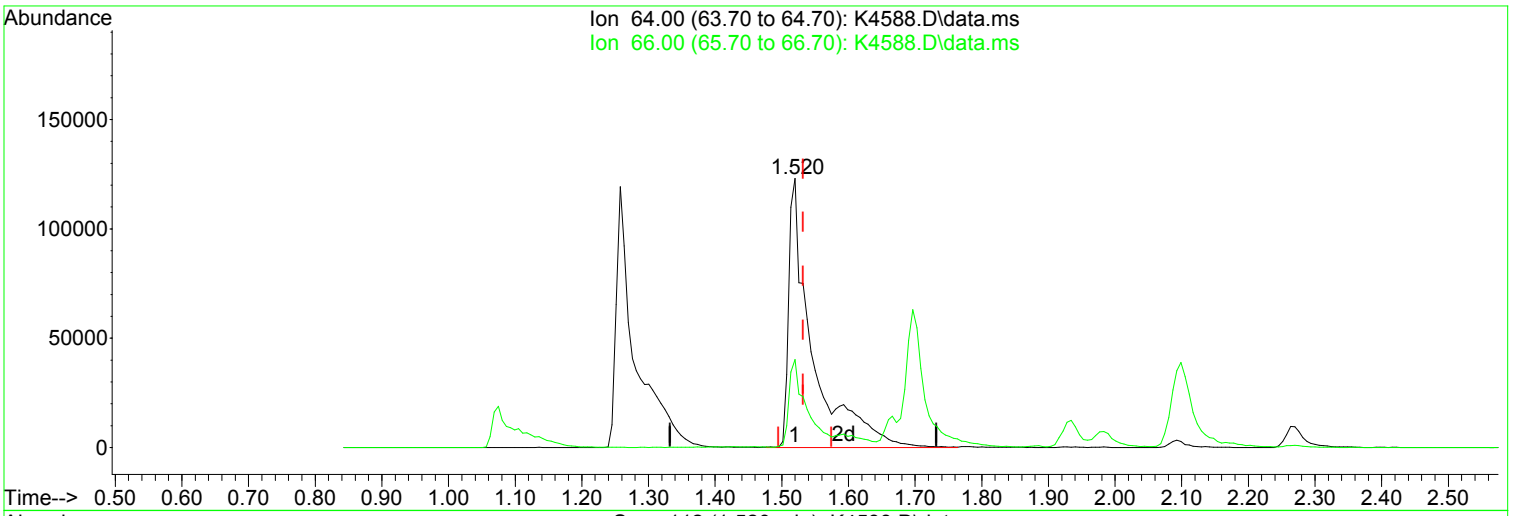
Before

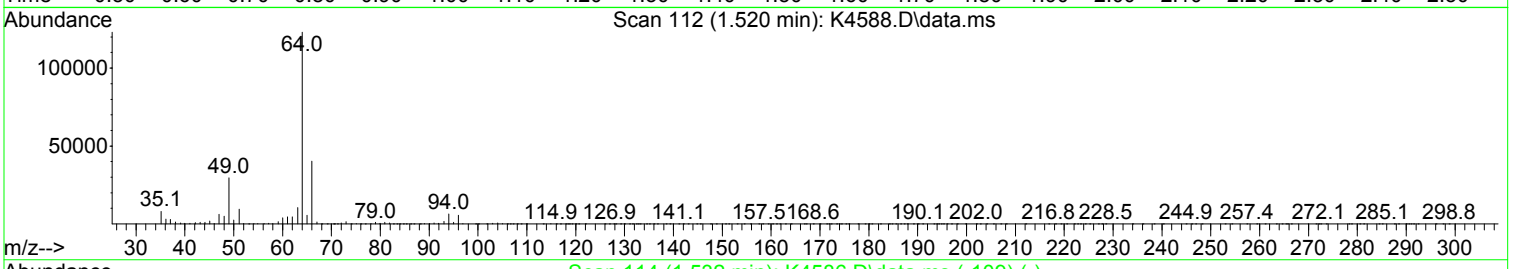
08/01/24

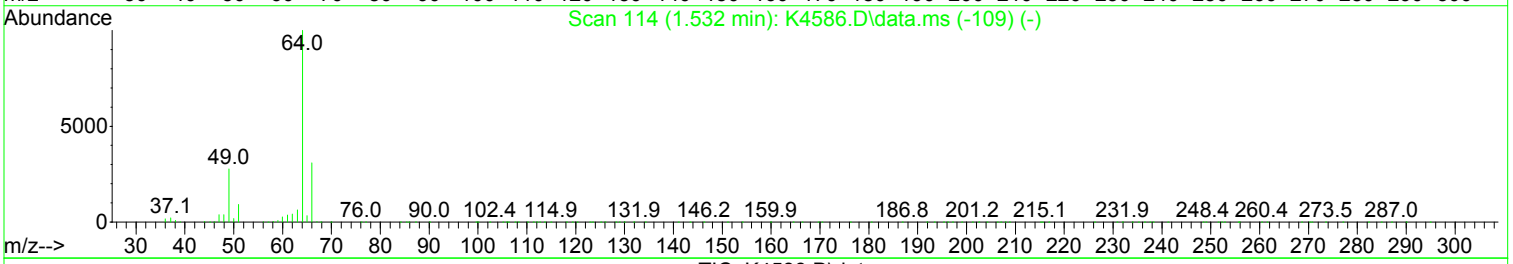
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4588.D
Acq On : 31 Jul 2024 06:27 pm
Operator : K.Ruest
Sample : 150ppb
Misc : 8260/624 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 31 19:25:33 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4588.D\data.ms

(7) Chloroethane (P)

1.520min (-0.013) 99.53 ug/L m

response 304826

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	33.50	32.66
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

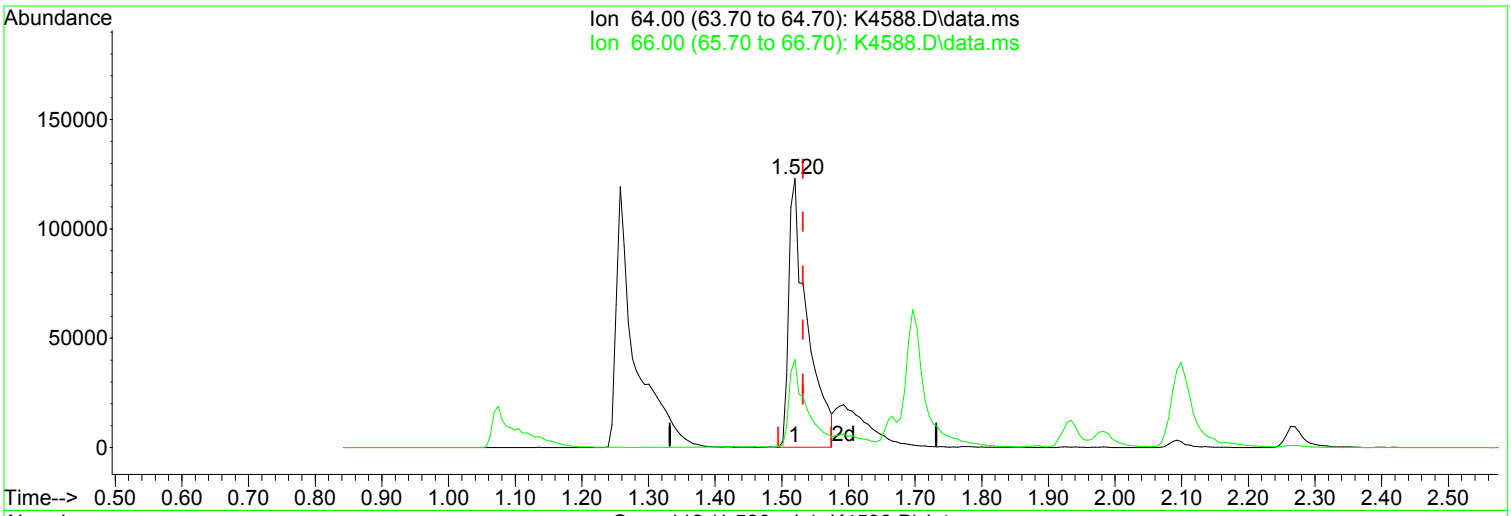
Poor integration.

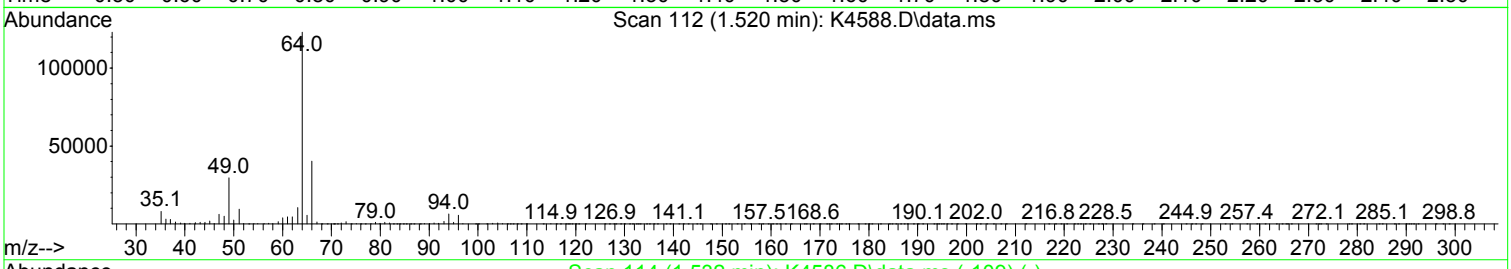
08/01/24

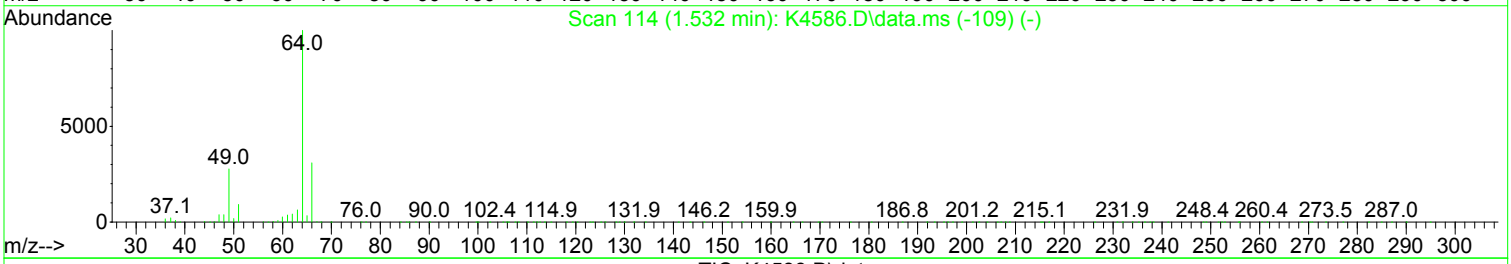
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4588.D
Acq On : 31 Jul 2024 06:27 pm
Operator : K.Ruest
Sample : 150ppb
Misc : 8260/624 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 31 19:25:33 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4588.D\data.ms

(7) Chloroethane (P)

1.520min (-0.013) 76.58 ug/L

response 234539

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	33.50	32.66
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

08/01/24

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4588.D
Acq On : 31 Jul 2024 06:27 pm
Operator : K.Ruest
Sample : 150ppb
Misc : 8260/624 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 31 19:25:33 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.989	168	356931	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.171	114	609972	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	572288	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.646	152	287490	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	760301	199.82	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 399.64%#				
47) surr1,1,2-dichloroetha...	5.415	65	1003635	192.98	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 385.96%#				
64) SURR3,Toluene-d8	8.049	98	2726360	195.26	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 390.52%#				
69) SURR2,BFB	10.664	95	1094148	199.30	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 398.60%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	758346	156.126	ug/L		90
3) Dichlorodifluoromethane	1.069	85	799649	191.806	ug/L		94
4) Chloromethane	1.209	50	752362	160.656	ug/L		99
5) Vinyl Chloride	1.258	62	781550	161.763	ug/L		96
6) Bromomethane	1.459	94	217207m	112.750	ug/L		
7) Chloroethane	1.520	64	304826m	99.528	ug/L		
8) Freon 21	1.666	67	965544	148.202	ug/L		99
9) Trichlorofluoromethane	1.696	101	817151	152.082	ug/L		98
10) Diethyl Ether	1.928	59	557122	144.054	ug/L		82
11) Freon 123a	1.934	67	541200	141.244	ug/L		92
12) Freon 123	1.983	83	706773	161.589	ug/L		98
13) Acrolein	2.026	56	504361	894.514	ug/L		100
14) 1,1-Diclethene	2.093	96	472532	156.185	ug/L	#	79
15) Freon 113	2.099	101	507136	163.011	ug/L		98
16) Acetone	2.154	43	400924	140.334	ug/L		92
17) 2-Propanol	2.306	45	1775878	3151.950	ug/L		95
18) Iodomethane	2.215	142	723611	153.379	ug/L		97
19) Carbon Disulfide	2.270	76	1289018	173.052	ug/L		100
20) Acetonitrile/Allyl Chl...	2.398	41	1332587	886.449	ug/L		80
21) Methyl Acetate	2.434	43	735492	147.534	ug/L		85
22) Methylene Chloride	2.513	84	496191	110.925	ug/L	#	70
23) TBA	2.672	59	3268483	3129.825	ug/L		94
24) Acrylonitrile	2.763	53	1930925	740.421	ug/L		99
25) Methyl-t-Butyl Ether	2.800	73	1652471	144.209	ug/L		87
26) trans-1,2-Dichloroethene	2.782	96	504039	151.873	ug/L	#	85
27) 1,1-Diclethane	3.239	63	1020097	149.049	ug/L		97
28) Vinyl Acetate	3.330	86	112676	168.456	ug/L	#	1
29) DIPE	3.361	45	1776563	147.031	ug/L		85
30) 2-Chloro-1,3-Butadiene	3.349	53	1074562	155.126	ug/L		82
31) ETBE	3.849	59	1893870	147.969	ug/L		91
32) 2,2-Dichloropropane	4.007	77	762384	177.083	ug/L		96
33) cis-1,2-Dichloroethene	4.013	96	562420	147.860	ug/L	#	76
34) 2-Butanone	4.074	43	506702	148.636	ug/L		83
35) Propionitrile	4.159	54	895058	768.528	ug/L		98
36) Bromochloromethane	4.379	130	371057	147.143	ug/L	#	72
37) Methacrylonitrile	4.403	67	330500	152.232	ug/L	#	49
38) Tetrahydrofuran	4.476	42	315675	145.182	ug/L		74
39) Chloroform	4.550	83	904687	142.201	ug/L		96
40) 1,1,1-Trichloroethane	4.824	97	874249	171.208	ug/L		96

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4588.D
Acq On : 31 Jul 2024 06:27 pm
Operator : K.Ruest
Sample : 150ppb
Misc : 8260/624 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 31 19:25:33 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.763	73	1473525	149.259	ug/L		88
43) Cyclohexane	4.903	41	549427	152.987	ug/L		89
45) Carbontetrachloride	5.123	117	772058	159.179	ug/L		98
46) 1,1-Dichloropropene	5.141	75	662028	147.796	ug/L		98
48) Benzene	5.495	78	1887043	145.448	ug/L		86
49) 1,2-Dichloroethane	5.549	62	887846	136.500	ug/L		94
50) Iso-Butyl Alcohol	5.580	43	1056112	3372.018	ug/L		100
51) n-Heptane	6.025	43	786356	160.926	ug/L	#	79
52) 1-Butanol	6.604	56	1937641	9439.471	ug/L		88
53) Trichloroethene	6.507	130	586953	151.734	ug/L		99
54) Methylcyclohexane	6.744	55	888188	162.723	ug/L	#	74
55) 1,2-Diclpropane	6.805	63	569439	144.186	ug/L		95
56) Dibromomethane	6.952	93	357791	144.465	ug/L		97
57) 1,4-Dioxane	7.043	88	253309	3032.881	ug/L		86
58) Methyl Methacrylate	7.061	69	499062	151.234	ug/L	#	68
59) Bromodichloromethane	7.196	83	709402	152.472	ug/L		99
60) 2-Nitropropane	7.500	41	555056	333.792	ug/L		91
61) 2-Chloroethylvinyl Ether	7.622	63	184016	144.260	ug/L		89
62) cis-1,3-Dichloropropene	7.756	75	829917	156.618	ug/L		99
63) 4-Methyl-2-pentanone	7.976	43	920577	148.800	ug/L		88
65) Toluene	8.122	91	2091117	141.191	ug/L		97
66) trans-1,3-Dichloropropene	8.409	75	807072	158.584	ug/L		99
67) Ethyl Methacrylate	8.561	69	878930	154.188	ug/L	#	63
68) 1,1,2-Trichloroethane	8.604	97	519497	145.557	ug/L		98
71) Tetrachloroethene	8.726	164	401912	142.420	ug/L		96
72) 2-Hexanone	8.915	43	728214	144.368	ug/L		88
73) 1,3-Dichloropropane	8.774	76	829023	134.271	ug/L	#	81
74) Dibromochloromethane	9.000	129	619450	155.406	ug/L		99
75) N-Butyl Acetate	9.073	43	1418383	146.644	ug/L		91
76) 1,2-Dibromoethane	9.098	107	576863	141.188	ug/L		100
77) 3-Chlorobenzotrifluoride	9.634	180	701611	150.882	ug/L		94
78) Chlorobenzene	9.604	112	1448357	135.062	ug/L		99
79) 4-Chlorobenzotrifluoride	9.689	180	627635	145.678	ug/L		96
80) 1,1,1,2-Tetrachloroethane	9.695	131	579777	150.052	ug/L		97
81) Ethylbenzene	9.726	106	776680	144.046	ug/L		96
82) (m+p)Xylene	9.841	106	1858683	280.030	ug/L		98
83) o-Xylene	10.201	106	936423	141.652	ug/L		95
84) Styrene	10.219	104	1650016	148.381	ug/L		97
85) Bromoform	10.366	173	400101	177.472	ug/L		99
86) 2-Chlorobenzotrifluoride	10.457	180	692270	146.928	ug/L		94
87) Isopropylbenzene	10.542	105	2446797	144.368	ug/L		99
88) Cyclohexanone	10.610	55	3626773	2896.566	ug/L		95
89) trans-1,4-Dichloro-2-B...	10.859	53	369268	154.398	ug/L		87
91) 1,1,2,2-Tetrachloroethane	10.811	83	791122	131.482	ug/L		98
92) Bromobenzene	10.786	156	607813	132.535	ug/L		100
93) 1,2,3-Trichloropropane	10.835	110	291512	133.608	ug/L	#	89
94) n-Propylbenzene	10.902	91	2776227	133.262	ug/L		99
95) 2-Chlorotoluene	10.957	91	1697490	129.565	ug/L		99
96) 3-Chlorotoluene	11.018	91	1783019	134.514	ug/L		98
97) 4-Chlorotoluene	11.055	91	1951245	129.482	ug/L		99
98) 1,3,5-Trimethylbenzene	11.055	105	2094831	132.770	ug/L		99
99) tert-Butylbenzene	11.329	119	1830723	135.952	ug/L		99
100) 1,2,4-Trimethylbenzene	11.365	105	2145580	134.137	ug/L		99
101) 3,4-Dichlorobenzotrifl...	11.433	214	475143	136.793	ug/L		98
102) sec-Butylbenzene	11.512	105	2544857	134.969	ug/L		99
103) p-Isopropyltoluene	11.634	119	2244753	135.375	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4588.D
Acq On : 31 Jul 2024 06:27 pm
Operator : K.Ruest
Sample : 150ppb
Misc : 8260/624 ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 31 19:25:33 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

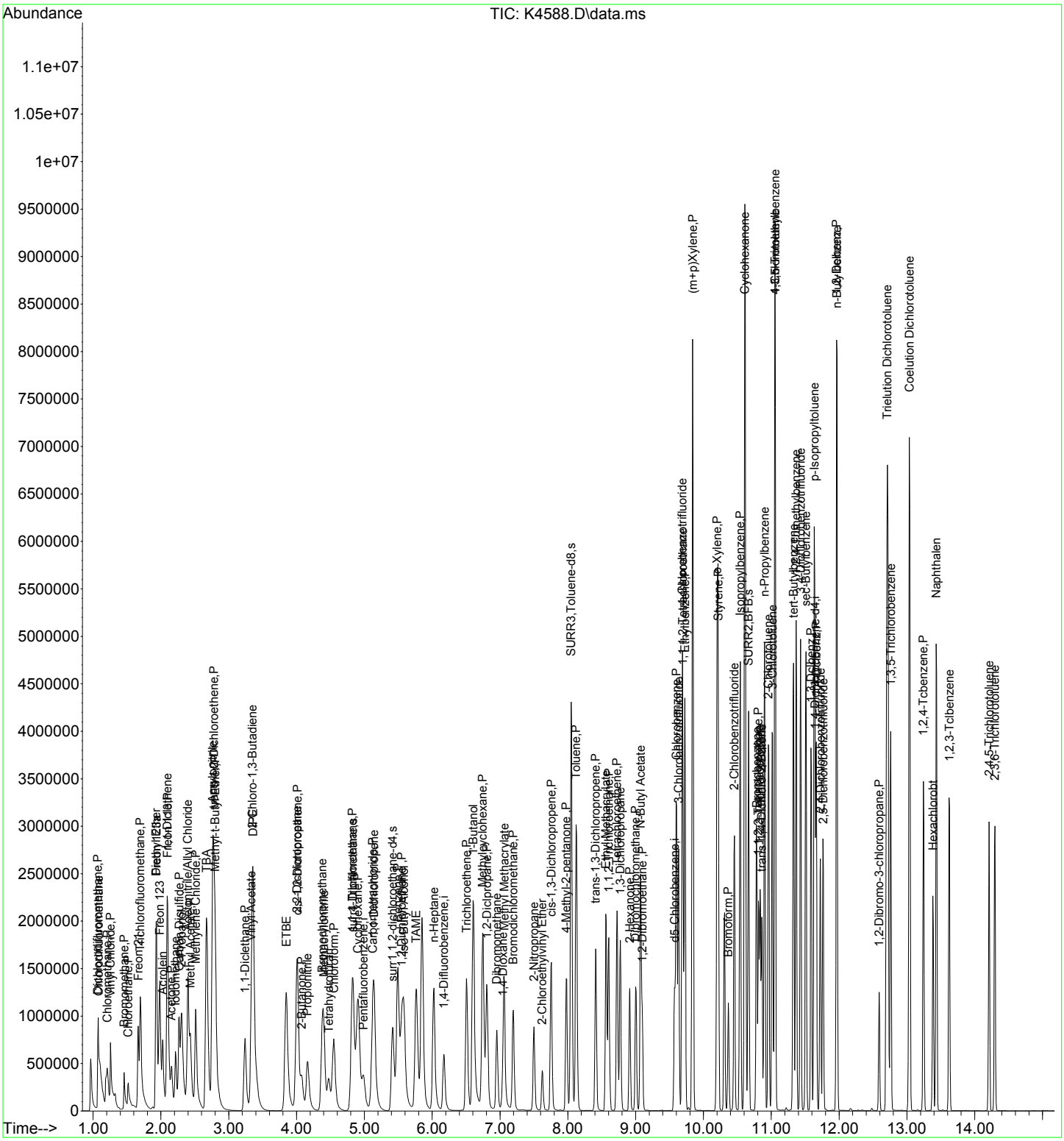
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	1182015	134.574	ug/L	98
105) 1,4-Dclbenz	11.664	146	1174482	132.434	ug/L	98
106) 2,4-Dichlorobenzotrifl...	11.725	214	423778	138.551	ug/L	96
107) 2,5-Dichlorobenzotrifl...	11.768	214	479064	140.512	ug/L	99
108) n-Butylbenzene	11.969	91	1967064	136.221	ug/L	97
109) 1,2-Dclbenz	11.963	146	1158229	133.560	ug/L	98
110) 1,2-Dibromo-3-chloropr...	12.591	157	245601	171.564	ug/L	97
111) Trielution Dichlorotol...	12.713	125	3311640	405.149	ug/L	97
112) 1,3,5-Trichlorobenzene	12.762	180	763281	134.703	ug/L	100
113) Coelution Dichlorotoluene	13.036	125	2389219	271.743	ug/L	97
114) 1,2,4-Tcbenzene	13.243	180	748808	136.290	ug/L	97
115) Hexachlorobt	13.383	225	267844	132.432	ug/L	98
116) Naphthalen	13.432	128	2905396	139.835	ug/L	99
117) 1,2,3-Tclbenzene	13.627	180	740060	136.681	ug/L	99
118) 2,4,5-Trichlorotoluene	14.213	159	591171	137.065	ug/L	99
119) 2,3,6-Trichlorotoluene	14.298	159	557914	139.813	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

1st 08/01/24
2nd 08/01/24

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4588.D
Acq On : 31 Jul 2024 06:27 pm
Operator : K.Ruest
Sample : 150ppb
Misc : 8260/624 ICAL
ALS Vial : 8 Sample Multiplier: 1

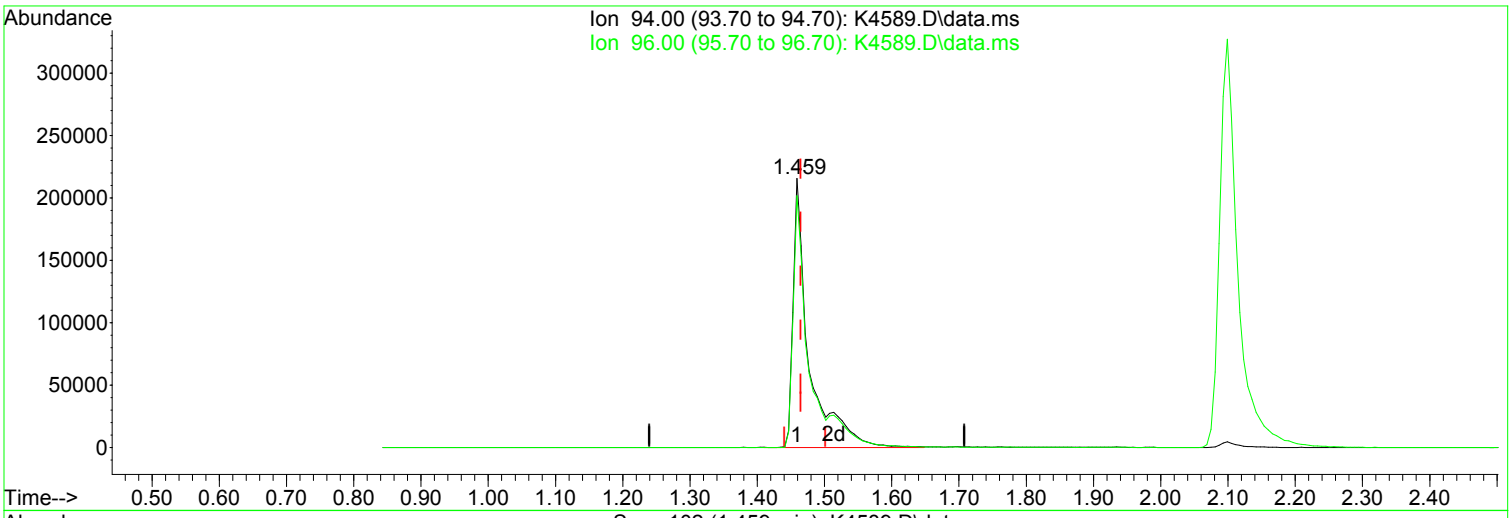
Quant Time: Jul 31 19:25:33 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

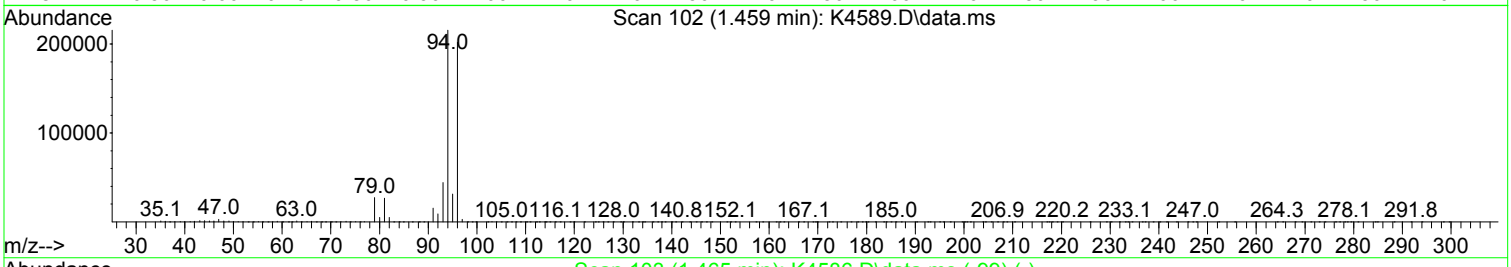


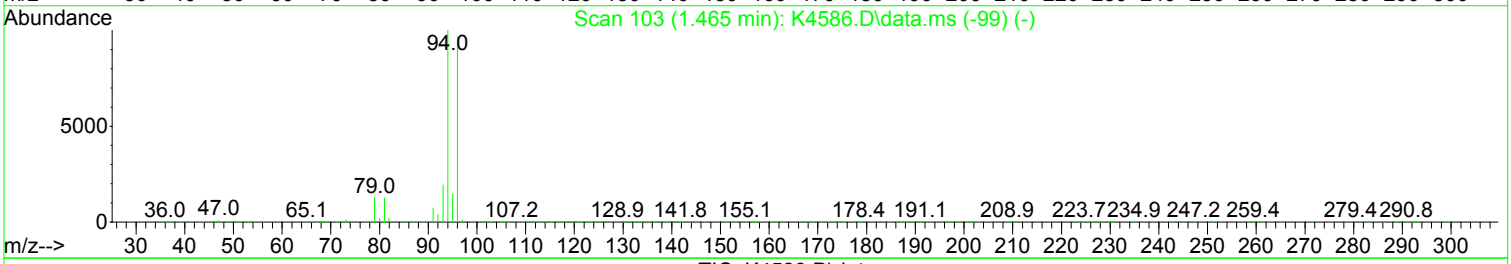
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4589.D
Acq On : 31 Jul 2024 06:51 pm
Operator : K.Ruest
Sample : 200ppb
Misc : 8260/624 ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 19:25:38 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4589.D\data.ms

(6) Bromomethane (P)

1.459min (-0.006) 181.86 ug/L m

response 357390

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	95.80	93.62
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

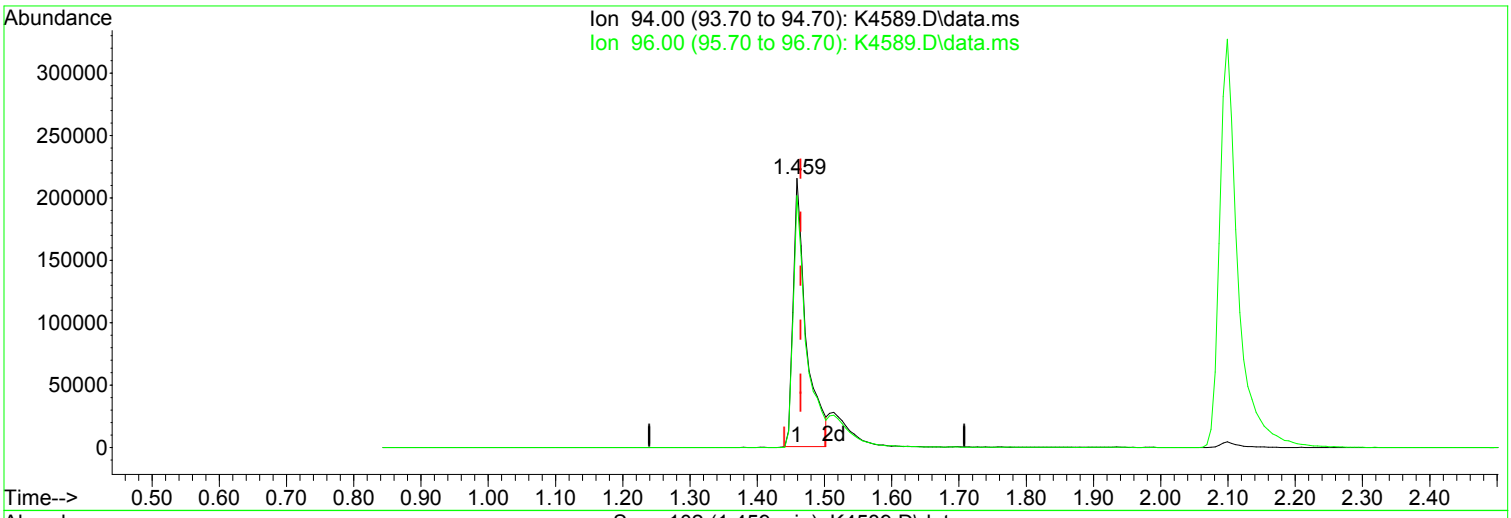
Split Peak.

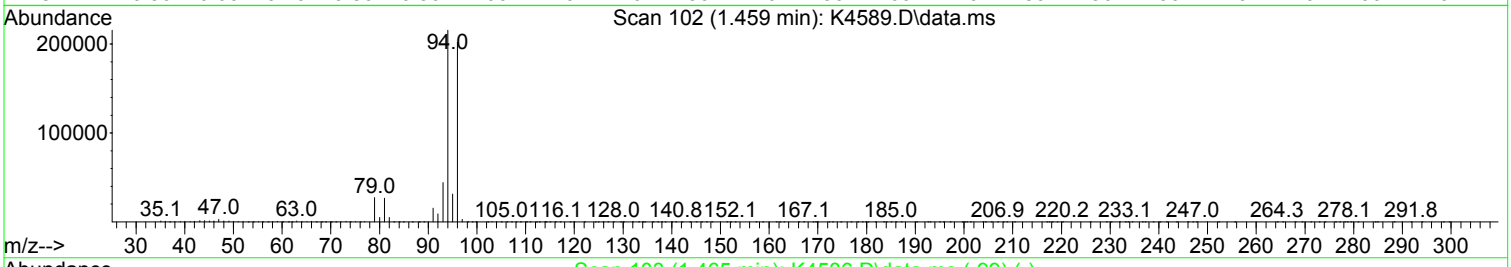
08/01/24

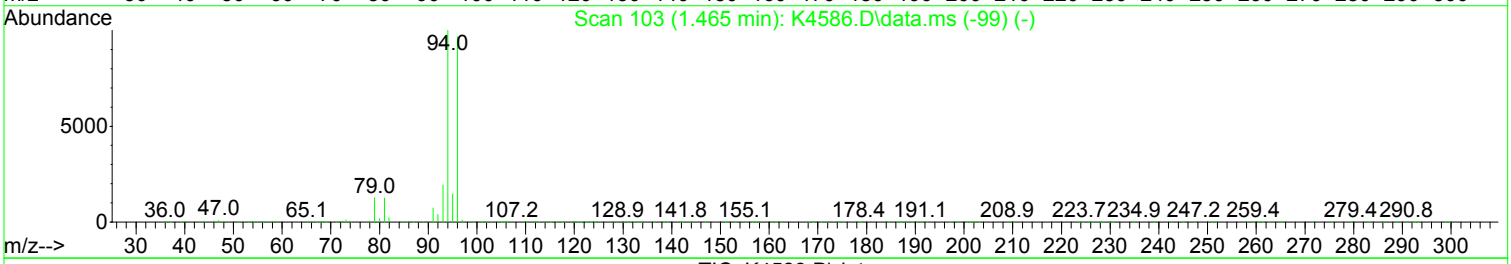
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4589.D
Acq On : 31 Jul 2024 06:51 pm
Operator : K.Ruest
Sample : 200ppb
Misc : 8260/624 ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 19:25:38 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration







TIC: K4589.D\data.ms

(6) Bromomethane (P)

1.459min (-0.006) 146.81 ug/L

response 288504

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	95.80	93.62
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

08/01/24

Analysis: 8260+624 | Analyst: KWest | pH strips: N/A | Tune Method: W073124
Date: 7/31/24 | Balance ID: N/A | ResCl strips: ↓ | Run Method: ↓
Instr. 17 | 50 mL Class A used for dilution FV | Syringes: 231174 + 200106 | LIMS Run#: ICAL

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	CI	pH	File#	OK?	Comments
1	CCV - headspace								K45572		filament #1 + new trap
2	LCS - headspace								K45573		
3	BLK								K45574		
4	LCS - headspace								K45575		↑ temp
5	BLK								K45576		
6	↓								K45577		
7	↓								K45578		
1	TUNE								K45579	YT	(cont'd) 14:43
2	1 BLK	(5ppm)	(500ppm) Atomx SW50 FV						K45580	YR	
1	0.5 ppb	5mL	— — 50mL						K45581	Y	
2	1.0	10mL	— —						K45582	Y	
3	2.0	20mL	— —						K45583	Y	
4	5.0	50mL	— 1mL						K45584	Y	
5	20	—	2mL 2mL						K45585	Y	
6	50	—	5mL 5mL						K45586	Y	
7	100	—	10mL 10mL						K45587	Y	
8	150	—	15mL 15mL						K45588	Y	
9	200	—	20mL —						K45589	Y	
10	— BLK —	—							K45590	—	
11	↓	—							K45591	—	
12	↓	—							K45592	—	
13	ICV.50								K45593	YQ	
14	— BLK —	—							K45594	—	

LOD
KR 7/31/24

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr: ↓
Surrogate 50: 236433
Internal Std 50: 236434
Reagents: MeOH: 236272

500 Primary OCC: 235592
Primary Fr: 236424
Primary TG: 236535 ~~50uL → 50mL~~ (100)
Primary HSL: 236312 10uL → 10mL MeOH
Primary 826 MT: 236513 = 5ppm

200 Secondary Fr: 236425 → 10.5mL
200 Secondary OCC: 236103
Secondary TG: 236197 5mL
Secondary HSL: 236406
Secondary 826 MT: 236514
90mL = ICV.50

O-1173 Page 90 of 200
Runlog-MSVOAr5 1/11/22

ALS Group USA, Corp.

DBA ALS Environmetal

QC/QC Report

Date Analyzed: 7/31/24 15:07

ICAL Tune Summary

Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA17\Data\073124\K4580.D Analytical Method: 8260C/624.1

Instrument ID: R-MS-17

Target Mass	Relative to Mass	Lower Limit %	Upper Limit %	Relative Abundance %	Raw Abundance	Results Pass/Fail
50	95	15	40	23.5	42427	PASS
75	95	30	60	49.8	89888	PASS
95	95	100	100	100.0	180352	PASS
96	95	5	9	6.6	11833	PASS
173	174	0	2	1.0	1345	PASS
174	95	50	120	72.4	130624	PASS
175	174	5	9	7.6	9934	PASS
176	174	95	101	96.4	125981	PASS
177	176	5	9	6.6	8308	PASS

Sample Name	Lab Code	File ID:	Date Analyzes:	Q
0.5ppb	0.5ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4581.D	7/31/24 15:35	
1.0ppb	1.0ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4582.D	7/31/24 15:58	
2.0ppb	2.0ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4583.D	7/31/24 16:22	
5.0ppb	5.0ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4584.D	7/31/24 16:46	
20ppb	20ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4585.D	7/31/24 17:12	
50ppb	50ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4586.D	7/31/24 17:37	
100ppb	100ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4587.D	7/31/24 18:02	
150ppb	150ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4588.D	7/31/24 18:27	
200ppb	200ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4589.D	7/31/24 18:51	
ICV-50	ICV-50	I:\ACQUDATA\MSVOA17\Data\073124\K4593.D	7/31/24 20:29	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor **Calibration Date:** 7/31/2024

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2400147 **Signal ID:** 1
Instrument ID: R-MS-17

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2400147-01	0.5ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4581.D	07/31/2024 15:35
02	RC2400147-02	1.0ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4582.D	07/31/2024 15:58
03	RC2400147-03	2.0ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4583.D	07/31/2024 16:22
04	RC2400147-04	5.0ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4584.D	07/31/2024 16:46
05	RC2400147-05	20ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4585.D	07/31/2024 17:12
06	RC2400147-06	50ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4586.D	07/31/2024 17:37
07	RC2400147-07	100ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4587.D	07/31/2024 18:02
08	RC2400147-08	150ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4588.D	07/31/2024 18:27
09	RC2400147-09	200ppb	I:\ACQUDATA\MSVOA17\Data\073124\K4589.D	07/31/2024 18:51

Analyte

1,2,3-Trichlorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	1.006	02	1.000	0.9775	03	2.000	1.056	04	5.000	0.9766
05	20.000	0.8612	06	50.000	0.8973	07	100.000	0.8904	08	150.000	0.8581
09	200.000	0.9526									

1,2,4-Trichlorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.9972	02	1.000	1.008	03	2.000	1.07	04	5.000	0.9775
05	20.000	0.8698	06	50.000	0.9213	07	100.000	0.9081	08	150.000	0.8682
09	200.000	0.9799									

1,2,4-Trimethylbenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	2.935	02	1.000	3.006	03	2.000	3.143	04	5.000	3.004
05	20.000	2.495	06	50.000	2.598	07	100.000	2.661	08	150.000	2.488
09	200.000	2.709									

1,2-Dichlorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	1.666	03	2.000	1.796	04	5.000	1.588	05	20.000	1.338
06	50.000	1.406	07	100.000	1.442	08	150.000	1.343	09	200.000	1.487

1,3,5-Trimethylbenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	2.882	02	1.000	3.026	03	2.000	3.077	04	5.000	3
05	20.000	2.446	06	50.000	2.59	07	100.000	2.585	08	150.000	2.429
09	200.000	2.662									

1,3-Dichlorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	1.713	03	2.000	1.761	04	5.000	1.657	05	20.000	1.338
06	50.000	1.409	07	100.000	1.46	08	150.000	1.37	09	200.000	1.512

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor **Calibration Date:** 7/31/2024

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2400147 **Signal ID:** 1
Instrument ID: R-MS-17

Analyte

1,4-Dichlorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	1.757	03	2.000	1.818	04	5.000	1.623	05	20.000	1.377
06	50.000	1.429	07	100.000	1.446	08	150.000	1.362	09	200.000	1.527

2-Chlorotoluene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	2.586	03	2.000	2.831	04	5.000	2.49	05	20.000	2.01
06	50.000	2.062	07	100.000	2.098	08	150.000	1.968	09	200.000	2.184

4-Bromofluorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	0.4777	05	20.000	0.4092	06	50.000	0.4609	07	100.000	0.4539
08	200.000	0.4484									

4-Chlorotoluene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	2.976	03	2.000	3.076	04	5.000	2.888	05	20.000	2.418
06	50.000	2.394	07	100.000	2.433	08	150.000	2.262	09	200.000	2.52

4-Isopropyltoluene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	3.145	03	2.000	3.277	04	5.000	3.05	05	20.000	2.618
06	50.000	2.787	07	100.000	2.751	08	150.000	2.603	09	200.000	2.84

Benzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	1.095	02	1.000	1.129	03	2.000	1.126	04	5.000	1.163
05	20.000	0.9324	06	50.000	1.02	07	100.000	1.06	08	150.000	1.031
09	200.000	1.067									

Bromobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	0.9088	03	2.000	0.9463	04	5.000	0.8584	05	20.000	0.7042
06	50.000	0.7221	07	100.000	0.7437	08	150.000	0.7047	09	200.000	0.7926

Chlorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	1.1	02	1.000	1.075	03	2.000	1.003	04	5.000	0.9921
05	20.000	0.7948	06	50.000	0.8675	07	100.000	0.8727	08	150.000	0.8436
09	200.000	0.8834									

Dibromofluoromethane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	0.3228	05	20.000	0.2798	06	50.000	0.3185	07	100.000	0.3267
08	200.000	0.3116									

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor **Calibration Date:** 7/31/2024

Initial Calibration Summary
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Calibration ID: RC2400147 **Signal ID:** 1
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Analyte

Ethylbenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.475	02	1.000	0.5202	03	2.000	0.4976	04	5.000	0.4984
05	20.000	0.415	06	50.000	0.4551	07	100.000	0.4606	08	150.000	0.4524
09	200.000	0.4653									

Hexachlorobutadiene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	0.4186	03	2.000	0.3964	04	5.000	0.365	05	20.000	0.3185
06	50.000	0.3261	07	100.000	0.3246	08	150.000	0.3106	09	200.000	0.3542

Isopropylbenzene (Cumene)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	1.492	02	1.000	1.506	03	2.000	1.576	04	5.000	1.602
05	20.000	1.312	06	50.000	1.476	07	100.000	1.468	08	150.000	1.425
09	200.000	1.47									

Methyl tert-Butyl Ether

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	1.623	02	1.000	1.768	03	2.000	1.704	04	5.000	1.739
05	20.000	1.458	06	50.000	1.581	07	100.000	1.636	08	150.000	1.543
09	200.000	1.581									

Naphthalene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	3.53	03	2.000	3.821	04	5.000	3.856	05	20.000	3.465
06	50.000	3.634	07	100.000	3.628	08	150.000	3.369	09	200.000	3.607

Styrene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.9287	02	1.000	0.9418	03	2.000	1.006	04	5.000	1.036
05	20.000	0.8815	06	50.000	0.9797	07	100.000	1	08	150.000	0.9611
09	200.000	1.008									

Tetrachloroethene (PCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.2625	02	1.000	0.2681	03	2.000	0.2715	04	5.000	0.2611
05	20.000	0.2102	06	50.000	0.2331	07	100.000	0.2349	08	150.000	0.2341
09	200.000	0.2435									

Toluene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	1.353	02	1.000	1.352	03	2.000	1.265	04	5.000	1.273
05	20.000	1.029	06	50.000	1.148	07	100.000	1.178	08	150.000	1.143
09	200.000	1.185									

Toluene-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	1.236	05	20.000	1.047	06	50.000	1.163	07	100.000	1.16

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor **Calibration Date:** 7/31/2024

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2400147 **Signal ID:** 1
Instrument ID: R-MS-17

Analyte

Toluene-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
08	200.000	1.117									

Trichloroethene (TCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.3234	02	1.000	0.3333	03	2.000	0.3174	04	5.000	0.3354
05	20.000	0.2767	06	50.000	0.3095	07	100.000	0.3183	08	150.000	0.3208
09	200.000	0.3189									

m,p-Xylenes

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	1.000	0.5998	02	2.000	0.6187	03	4.000	0.6267	04	10.000	0.6165
05	40.000	0.52	06	100.000	0.5683	07	200.000	0.5605	08	300.000	0.5413
09	400.000	0.5673									

n-Butylbenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	2.621	02	1.000	2.647	03	2.000	2.859	04	5.000	2.615
05	20.000	2.296	06	50.000	2.398	07	100.000	2.403	08	150.000	2.281
09	200.000	2.483									

n-Propylbenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
02	1.000	4.004	03	2.000	4.328	04	5.000	3.907	05	20.000	3.243
06	50.000	3.374	07	100.000	3.405	08	150.000	3.219	09	200.000	3.506

o-Xylene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.648	02	1.000	0.5939	03	2.000	0.5941	04	5.000	0.6094
05	20.000	0.5005	06	50.000	0.5668	07	100.000	0.5663	08	150.000	0.5454
09	200.000	0.5738									

sec-Butylbenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	3.367	02	1.000	3.512	03	2.000	3.887	04	5.000	3.503
05	20.000	2.933	06	50.000	3.069	07	100.000	3.126	08	150.000	2.951
09	200.000	3.165									

tert-Butylbenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	2.461	02	1.000	2.576	03	2.000	2.669	04	5.000	2.524
05	20.000	2.066	06	50.000	2.173	07	100.000	2.22	08	150.000	2.123
09	200.000	2.267									

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor **Calibration Date:** 7/31/2024

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2400147 **Signal ID:** 1
Instrument ID: R-MS-17

		Calibration Evaluation				Calibration Evaluation	
Analyte Name	Compound Type	Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,2,3-Trichlorobenzene	TRG	Average RF	% RSD	7.3	≤20	0.9417	
1,2,4-Trichlorobenzene	TRG	Average RF	% RSD	7.1	≤20	0.9556	0.200
1,2,4-Trimethylbenzene	TRG	Average RF	% RSD	8.8	≤20	2.782	
1,2-Dichlorobenzene	TRG	Average RF	% RSD	10.8	≤20	1.508	0.400
1,3,5-Trimethylbenzene	TRG	Average RF	% RSD	9.3	≤20	2.744	
1,3-Dichlorobenzene	TRG	Average RF	% RSD	10.6	≤20	1.528	0.600
1,4-Dichlorobenzene	TRG	Average RF	% RSD	11.3	≤20	1.542	0.500
2-Chlorotoluene	TRG	Average RF	% RSD	13.9	≤20	2.279	
4-Bromofluorobenzene	SURR	Average RF	% RSD	5.6	≤20	0.45	
4-Chlorotoluene	TRG	Average RF	% RSD	11.8	≤20	2.621	
4-Isopropyltoluene	TRG	Average RF	% RSD	8.6	≤20	2.884	
Benzene	TRG	Average RF	% RSD	6.5	≤20	1.069	0.500
Bromobenzene	TRG	Average RF	% RSD	12.0	≤20	0.7976	
Chlorobenzene	TRG	Average RF	% RSD	11.6	≤20	0.9369	0.500
Dibromofluoromethane	SURR	Average RF	% RSD	6.0	≤20	0.3119	
Ethylbenzene	TRG	Average RF	% RSD	6.6	≤20	0.4711	0.100
Hexachlorobutadiene	TRG	Average RF	% RSD	11.2	≤20	0.3518	
Isopropylbenzene (Cumene)	TRG	Average RF	% RSD	5.7	≤20	1.481	0.100
Methyl tert-Butyl Ether	TRG	Average RF	% RSD	6.1	≤20	1.626	0.100
Naphthalene	TRG	Average RF	% RSD	4.6	≤20	3.614	
Styrene	TRG	Average RF	% RSD	5.0	≤20	0.9715	0.300
Tetrachloroethene (PCE)	TRG	Average RF	% RSD	8.3	≤20	0.2466	0.200
Toluene	TRG	Average RF	% RSD	8.8	≤20	1.214	0.400
Toluene-d8	SURR	Average RF	% RSD	6.1	≤20	1.145	
Trichloroethene (TCE)	TRG	Average RF	% RSD	5.4	≤20	0.3171	0.200
m,p-Xylenes	TRG	Average RF	% RSD	6.4	≤20	0.5799	0.100
n-Butylbenzene	TRG	Average RF	% RSD	7.5	≤20	2.511	
n-Propylbenzene	TRG	Average RF	% RSD	11.2	≤20	3.623	
o-Xylene	TRG	Average RF	% RSD	7.2	≤20	0.5776	0.300
sec-Butylbenzene	TRG	Average RF	% RSD	9.6	≤20	3.279	
tert-Butylbenzene	TRG	Average RF	% RSD	9.3	≤20	2.342	

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor **Calibration Date:** 7/31/2024

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2400147 **Signal ID:** 1
Instrument ID: R-MS-17

#	Lab Code	Sample Name	File Location	Acquisition Date
10	RC2400147-10	ICV-50	I:\ACQUDATA\MSVOA17\Data\073124\K4593.D	07/31/2024 20:29

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,2,3-Trichlorobenzene	50.0	51.8	9.417E-1	9.761E-1	3.65	±30	Average RF
1,2,4-Trichlorobenzene	50.0	52.2	9.556E-1	9.983E-1	4.48	±30	Average RF
1,2,4-Trimethylbenzene	50.0	50.1	2.782E0	2.789E0	0.265	±30	Average RF
1,2-Dichlorobenzene	50.0	50.2	1.508E0	1.515E0	0.445	±30	Average RF
1,3,5-Trimethylbenzene	50.0	50.4	2.744E0	2.766E0	0.802	±30	Average RF
1,3-Dichlorobenzene	50.0	50.4	1.528E0	1.539E0	0.739	±30	Average RF
1,4-Dichlorobenzene	50.0	50.9	1.542E0	1.57E0	1.77	±30	Average RF
2-Chlorotoluene	50.0	48.3	2.279E0	2.2E0	-3.465	±30	Average RF
4-Chlorotoluene	50.0	49.5	2.621E0	2.595E0	-0.981	±30	Average RF
4-Isopropyltoluene	50.0	52.5	2.884E0	3.03E0	5.06	±30	Average RF
Benzene	50.0	50.6	1.069E0	1.083E0	1.29	±30	Average RF
Bromobenzene	50.0	49.0	7.976E-1	7.819E-1	-1.974	±30	Average RF
Chlorobenzene	50.0	47.6	9.369E-1	8.916E-1	-4.836	±30	Average RF
Ethylbenzene	50.0	50.6	4.711E-1	4.768E-1	1.22	±30	Average RF
Hexachlorobutadiene	50.0	52.2	3.518E-1	3.671E-1	4.36	±30	Average RF
Isopropylbenzene (Cumene)	50.0	50.5	1.481E0	1.495E0	0.986	±30	Average RF
Methyl tert-Butyl Ether	50.0	50.9	1.626E0	1.656E0	1.86	±30	Average RF
Naphthalene	50.0	52.7	3.614E0	3.811E0	5.46	±30	Average RF
Styrene	50.0	52.3	9.715E-1	1.017E0	4.66	±30	Average RF
Tetrachloroethene (PCE)	50.0	50.8	2.466E-1	2.503E-1	1.51	±30	Average RF
Toluene	50.0	49.6	1.214E0	1.204E0	-0.844	±30	Average RF
Trichloroethene (TCE)	50.0	50.8	3.171E-1	3.22E-1	1.53	±30	Average RF
m,p-Xylenes	100	102	5.799E-1	5.941E-1	2.45	±30	Average RF
n-Butylbenzene	50.0	53.4	2.511E0	2.681E0	6.74	±30	Average RF
n-Propylbenzene	50.0	50.3	3.623E0	3.642E0	0.517	±30	Average RF
o-Xylene	50.0	51.1	5.776E-1	5.902E-1	2.19	±30	Average RF
sec-Butylbenzene	50.0	51.4	3.279E0	3.374E0	2.89	±30	Average RF
tert-Butylbenzene	50.0	51.7	2.342E0	2.423E0	3.45	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	50.5	4.5E-1	4.549E-1	1.09	±30	Average RF

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor **Calibration Date:** 7/31/2024

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Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
Dibromofluoromethane	50.0	51.7	3.119E-1	3.225E-1	3.42	±30	Average RF
Toluene-d8	50.0	51.1	1.145E0	1.171E0	2.27	±30	Average RF

Client: Day Environmental, Inc. **Service Request:** R2406752
Project: Erie Harbor/4155R-09 **Date Analyzed:** 08/01/24 11:01

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Calibration Date:** 7/31/2024
File ID: I:\ACQUDATA\MSVOA17\Data\080124\K4598.D\ **Calibration ID:** RC2400147
Signal ID: 1 **Analysis Lot:** 849346
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,2,3-Trichlorobenzene	50.0	45.8	0.9417	0.8621	-8.4	NA	±20	Average RF
1,2,4-Trichlorobenzene	50.0	46.1	0.9556	0.8815	-7.8	NA	±20	Average RF
1,2,4-Trimethylbenzene	50.0	44.0	2.7819	2.4469	-12.0	NA	±20	Average RF
1,2-Dichlorobenzene	50.0	44.6	1.5082	1.3439	-10.9	NA	±20	Average RF
1,3,5-Trimethylbenzene	50.0	44.1	2.7441	2.4217	-11.7	NA	±20	Average RF
1,3-Dichlorobenzene	50.0	44.4	1.5276	1.3559	-11.2	NA	±20	Average RF
1,4-Dichlorobenzene	50.0	45.0	1.5424	1.3883	-10.0	NA	±20	Average RF
2-Chlorotoluene	50.0	42.7	2.2786	1.9465	-14.6	NA	±20	Average RF
4-Chlorotoluene	50.0	44.6	2.6209	2.3367	-10.8	NA	±20	Average RF
4-Isopropyltoluene	50.0	44.4	2.8839	2.5623	-11.2	NA	±20	Average RF
Benzene	50.0	46.0	1.0694	0.9844	-7.9	NA	±20	Average RF
Bromobenzene	50.0	43.5	0.7976	0.6938	-13.0	NA	±20	Average RF
Chlorobenzene	50.0	43.8	0.9369	0.8215	-12.3	NA	±20	Average RF
Ethylbenzene	50.0	44.5	0.4711	0.4193	-11.0	NA	±20	Average RF
Hexachlorobutadiene	50.0	43.6	0.3518	0.3069	-12.8	NA	±20	Average RF
Isopropylbenzene (Cumene)	50.0	45.4	1.4808	1.3452	-9.2	NA	±20	Average RF
Methyl tert-Butyl Ether	50.0	47.8	1.6259	1.5556	-4.3	NA	±20	Average RF
Naphthalene	50.0	45.2	3.6136	3.2644	-9.7	NA	±20	Average RF
Styrene	50.0	48.3	0.9715	0.9393	-3.3	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	44.7	0.2466	0.2203	-10.6	NA	±20	Average RF
Toluene	50.0	44.8	1.214	1.0867	-10.5	NA	±20	Average RF
Trichloroethene (TCE)	50.0	44.9	0.3171	0.2844	-10.3	NA	±20	Average RF
m,p-Xylenes	100	91.2	0.5799	0.5287	-8.8	NA	±20	Average RF
n-Butylbenzene	50.0	44.6	2.5114	2.2412	-10.8	NA	±20	Average RF
n-Propylbenzene	50.0	43.3	3.6232	3.1398	-13.3	NA	±20	Average RF
o-Xylene	50.0	45.3	0.5776	0.5237	-9.3	NA	±20	Average RF
sec-Butylbenzene	50.0	43.0	3.2793	2.8179	-14.1	NA	±20	Average RF
tert-Butylbenzene	50.0	42.4	2.342	1.986	-15.2	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	50.6	0.45	0.4551	1.1	NA	±20	Average RF
Dibromofluoromethane	50.0	52.3	0.3119	0.326	4.5	NA	±20	Average RF
Toluene-d8	50.0	51.3	1.1446	1.1746	2.6	NA	±20	Average RF

Client: Day Environmental, Inc. **Service Request:**R2406752
Project: Erie Harbor/4155R-09

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**849346
Instrument ID:R-MS-17

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA17\Data\080124\K4598.D\	Continuing Calibration Verification	RQ2409306-01	8/1/2024	11:01:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4599.D\	Lab Control Sample	RQ2409306-02	8/1/2024	11:35:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4602.D\	Method Blank	RQ2409306-03	8/1/2024	12:57:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4603.D\	179-EB072424	R2406752-006	8/1/2024	13:22:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4604.D\	180-TB072424	R2406752-007	8/1/2024	13:47:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4605.D\	174-MW-05	R2406752-001	8/1/2024	14:15:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4606.D\	175-DAYMW-05A	R2406752-002	8/1/2024	14:40:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4607.D\	176-DAYMW-08	R2406752-003	8/1/2024	15:03:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4608.D\	177-DAYMW-09A	R2406752-004	8/1/2024	15:26:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4609.D\	178-DAYMW-10	R2406752-005	8/1/2024	15:49:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4610.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	16:13:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4611.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	16:36:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4612.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	16:59:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4613.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	17:23:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4614.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	17:46:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4615.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	18:09:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4616.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	18:32:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4617.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	18:57:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4618.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	19:21:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4619.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	19:44:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4620.D\	176-DAYMW-08 MS	RQ2409306-06	8/1/2024	20:08:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4621.D\	176-DAYMW-08 DMS	RQ2409306-07	8/1/2024	20:32:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4622.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	20:55:00	

Client: Day Environmental, Inc. **Service Request:**R2406752
Project: Erie Harbor/4155R-09

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**849346
Instrument ID:R-MS-17

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA17\Data\080124\K4623.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	21:19:00	
I:\ACQUDATA\MSVOA17\Data\080124\K4624.D\	ZZZZZZZ	ZZZZZZZ	8/1/2024	21:42:00	

Analysis: 8260 waters | Analyst: VP/mest | pH strips: 234223 | Tune Method: W073124

Date: 8/1/24 | Balance ID: N/A | ResCl strips: N/A | Run Method: ↓

Instr. 17 | 50 mL Class A used for dilution FV | Syringes: 231174 | LIMS Run#: 564346

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	CI	pH	File#	OK?	Comments
1	BLK								KY595		
2	CCV								KY596	(N)	atomx sur spike wrong pt
1	BLK								KY597	—	
2	CCV		RQ2409306.01						KY598	YC	(11:01)
1	LCS.FP		02						KY599	YC	
1	BLK		—						KY600	(N)	apt c/o
2	MBLK.WMP		—						KY601	YC	
3	MBLK.FP		03						KY602	YC	
4	R2406752.006	1.0		26453	1	N	N/A	12	KY603	Y	
5	007	1.0			1			12	KY604	Y	
6	001	1.0			1			12	KY605	Y	
7	002	1.0			1			12	KY606	Y	
8	003	1.0			1			12	KY607	Y	
9	004	1.0			1			12	KY608	Y	
10	005	1.0			1			12	KY609	Y	
11	R2406714.001	1.0		26410	1			12	KY610	Y	
12	002	1.0			1			12	KY611	Y	
13	003	1.0			1			12	KY612	Y	
14	004	1.0			1			12	KY613	Y	
15	005	1.0			1			12	KY614	Y	
16	R2406746.001	1.0		26419	1			12	KY615	Y	
17	002	1.0			1			12	KY616	Y	
18	R2406745.001	5.0			1			12	KY617	Y	
19	R2406560.001	1.0	MS (DDD)	25363	2			12	KY618	YC	(BTEX) - T/C spiked only
20	001	1.0	MSD ↓	↓	3			12	KY619	YC	↓ ↓
21	R2406752.003	1.0	MS	26453	2			12	KY620	YC	
22	003	1.0	MSD	↓	3			12	KY621	YC	
23	R2406714.001	1.0	MS	26410	2			12	KY622	YC	
24	↓ 001	1.0	MSD	↓	3	↓	↓	12	KY623	YC	
25	CCV.B	—	(DDD)	25363	—	—	—	—	KY624	YC	21:42 ✓
26	BLK	—		—	—	—	—	—	KY625	—	
~~27~~	~~BLK~~ (KB)	—		—	—	—	—	—			

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Primary CCC: 235552
Primary Br: 236424
Primary TB: 236535 — 5mL → 50mL = CCV
Primary HSL: 236312
Primary 8260: 236543
JMT

Secondary Br: 236425.5mL — ~10.8mL
Secondary CCC: 236103
Secondary TB: 236197 — 2mL → 50mL / 41.3mL = LCS
Secondary HSL: ~~236105~~
Secondary 8260: 236544
JMT
236406 (KB)

41.3mL vial = MS/D

Combined IS/Surr:
Surrogate 50: 236433
Internal Std 50: 236434
Reagents:

APPENDIX B

Data Usability Summary Report

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Erie Harbor
ALS Environmental SDG#R2406752
October 23, 2024
Sampling date: 7/24/2024

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Day Environmental, project located at Erie Harbor, ALS Environmental SDG#R2406752 submitted to Vali-Data of WNY, LLC on August 20, 2024. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA methods Volatile Organics (8260D).

ID	Sample ID	Laboratory ID
1	174-MW-05	R2406752-001
2	175-DAYMW-05A	R2406752-002
3	176-DAYMW-08	R2406752-003
4	177-DAYMW-09A	R2406752-004
5	178-DAYMW-10	R2406752-005
6	179-EB072424	R2406752-006
7	180-TB072424	R2406752-007

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation.

DATA COMPLETENESS
All criteria were met except file #RC2400147-09 was not included. Those pages are attached.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the temperature of the samples arrived at the laboratory outside QC limits. The samples arrived within 1.5 hours of sampling and were on ice, so no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met.

COMPOUND QUANTITATION
All criteria were met except a target analyte was detected in a sample blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
6	Toluene	.37	U at RL	3, 4

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

Client: Day Environmental, Inc.
Project: Erie Harbor
Sample Matrix: Water

Service Request: R2406752
Date Received: 07/24/2024

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Seven water samples were received for analysis at ALS Environmental on 07/24/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

No significant anomalies were noted with this analysis.

Approved by _____ Date 08/05/2024

R2406752 5
Day Environmental, Inc.
Erie Harbor

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 7/24/24 by: RDH

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	Did **VOA** vials have sig* **bubbles?**	Y (N) NA
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?** Y N (NA) **Sulfide?**	Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	ALS/ROC CLIENT
4	Circle: Wet Ice **Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as: Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 7/24/24 Time: 1402 ID: IR#12 (IR#11) From: Temp Blank Sample Bottle

Temp (°C)	25.9						
Within 0-6°C?	Y (N)	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SHO by RDH on 7/24/24 at 1403
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 7/24/24 Time: 1433 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-						
		HCl	**	**	22080153 6/25					

**VOAs and 1664 Not to be tested before analysis.
*Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 022023-3AX14
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:15
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	174-MW-05	**Units:**	ug/L
Lab Code:	R2406752-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 14:15	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 14:15	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Benzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 14:15	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 14:15	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 14:15	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 14:15	
Styrene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 14:15	
Toluene	0.20 U	1.0	0.20	1	08/01/24 14:15	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 14:15	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 14:15	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 14:15	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:15	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 14:15	
Dibromofluoromethane	102	80 - 116	08/01/24 14:15	
Toluene-d8	102	87 - 121	08/01/24 14:15	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:25
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	175-DAYMW-05A	**Units:**	ug/L
Lab Code:	R2406752-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 14:40	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 14:40	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Benzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 14:40	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 14:40	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 14:40	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 14:40	
Styrene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 14:40	
Toluene	0.20 U	1.0	0.20	1	08/01/24 14:40	
Trichloroethene (TCE)	**0.79 J**	1.0	0.20	1	08/01/24 14:40	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 14:40	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 14:40	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 14:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 14:40	
Dibromofluoromethane	101	80 - 116	08/01/24 14:40	
Toluene-d8	102	87 - 121	08/01/24 14:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 12:55
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	176-DAYMW-08	**Units:**	ug/L
Lab Code:	R2406752-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:03	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:03	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Benzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:03	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 15:03	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:03	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 15:03	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:03	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:03	
Toluene	**0.21 J**	1.0	0.20	1	08/01/24 15:03	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 15:03	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:03	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:03	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:03	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	08/01/24 15:03	
Dibromofluoromethane	104	80 - 116	08/01/24 15:03	
Toluene-d8	103	87 - 121	08/01/24 15:03	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:05
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	177-DAYMW-09A	**Units:**	ug/L
Lab Code:	R2406752-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:26	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:26	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Benzene	**0.61 J**	1.0	0.20	1	08/01/24 15:26	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:26	
Isopropylbenzene (Cumene)	**0.35 J**	1.0	0.20	1	08/01/24 15:26	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:26	
Naphthalene	**1.4**	1.0	0.55	1	08/01/24 15:26	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:26	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:26	
Toluene	**0.31 J**	1.0	0.20	1	08/01/24 15:26	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 15:26	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:26	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:26	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:26	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	08/01/24 15:26	
Dibromofluoromethane	102	80 - 116	08/01/24 15:26	
Toluene-d8	103	87 - 121	08/01/24 15:26	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:30
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	178-DAYMW-10	**Units:**	ug/L
Lab Code:	R2406752-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 15:49	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 15:49	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Benzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 15:49	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 15:49	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 15:49	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 15:49	
Styrene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 15:49	
Toluene	0.20 U	1.0	0.20	1	08/01/24 15:49	
Trichloroethene (TCE)	**4.5**	1.0	0.20	1	08/01/24 15:49	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 15:49	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 15:49	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 15:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	08/01/24 15:49	
Dibromofluoromethane	100	80 - 116	08/01/24 15:49	
Toluene-d8	101	87 - 121	08/01/24 15:49	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24 13:35
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	179-EB072424	**Units:**	ug/L
Lab Code:	R2406752-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 13:22	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 13:22	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Benzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 13:22	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 13:22	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 13:22	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 13:22	
Styrene	0.20 U	1.0	0.20	1	08/01/24 13:22	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 13:22	
Toluene	**0.37 J**	1.0	0.20	1	08/01/24 13:22	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 13:22	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 13:22	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 13:22	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:22	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 13:22	
Dibromofluoromethane	103	80 - 116	08/01/24 13:22	
Toluene-d8	102	87 - 121	08/01/24 13:22	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Client:	Day Environmental, Inc.	**Service Request:**	R2406752
Project:	Erie Harbor/4155R-09	**Date Collected:**	07/24/24
Sample Matrix:	Water	**Date Received:**	07/24/24 14:00
Sample Name:	180-TB072424	**Units:**	ug/L
Lab Code:	R2406752-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,2,3-Trichlorobenzene	0.25 U	1.0	0.25	1	08/01/24 13:47	
1,2,4-Trichlorobenzene	0.34 U	1.0	0.34	1	08/01/24 13:47	
1,2,4-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,2-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,3,5-Trimethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,3-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
1,4-Dichlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
2-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
4-Chlorotoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
4-Isopropyltoluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Benzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Bromobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Chlorobenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Ethylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Hexachlorobutadiene	0.33 U	2.0	0.33	1	08/01/24 13:47	
Isopropylbenzene (Cumene)	0.20 U	1.0	0.20	1	08/01/24 13:47	
Methyl tert-Butyl Ether	0.20 U	1.0	0.20	1	08/01/24 13:47	
Naphthalene	0.55 U	1.0	0.55	1	08/01/24 13:47	
Styrene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Tetrachloroethene (PCE)	0.21 U	1.0	0.21	1	08/01/24 13:47	
Toluene	0.20 U	1.0	0.20	1	08/01/24 13:47	
Trichloroethene (TCE)	0.20 U	1.0	0.20	1	08/01/24 13:47	
m,p-Xylenes	0.53 U	2.0	0.53	1	08/01/24 13:47	
n-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
n-Propylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
o-Xylene	0.20 U	1.0	0.20	1	08/01/24 13:47	
sec-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	
tert-Butylbenzene	0.20 U	1.0	0.20	1	08/01/24 13:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	08/01/24 13:47	
Dibromofluoromethane	103	80 - 116	08/01/24 13:47	
Toluene-d8	103	87 - 121	08/01/24 13:47	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4589.D
Acq On : 31 Jul 2024 06:51 pm
Operator : K.Ruest
Sample : 200ppb
Misc : 8260/624 ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 19:25:38 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	364106	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.172	114	610492	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	569706	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.646	152	269840	50.00	ug/L	#	0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	202838	53.26	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 106.52%				
47) surr1,1,2-dichloroetha...	5.416	65	266030	51.11	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 102.22%				
64) SURR3,Toluene-d8	8.049	98	755763	54.08	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 108.16%				
69) SURR2,BFB	10.665	95	303880	55.30	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 110.60%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.081	51	955912	192.922	ug/L		90
3) Dichlorodifluoromethane	1.075	85	986016	231.848	ug/L		95
4) Chloromethane	1.209	50	1012095	211.859	ug/L		99
5) Vinyl Chloride	1.258	62	1020193	206.996	ug/L		97
6) Bromomethane	1.459	94	357390m	181.862	ug/L		
7) Chloroethane	1.526	64	636370	203.686	ug/L		95
8) Freon 21	1.672	67	1270446	191.158	ug/L		100
9) Trichlorofluoromethane	1.709	101	1070203	195.253	ug/L		98
10) Diethyl Ether	1.928	59	783620	198.626	ug/L		82
11) Freon 123a	1.934	67	674547	172.576	ug/L		90
12) Freon 123	1.983	83	886975	198.792	ug/L		98
13) Acrolein	2.026	56	711140	1236.396	ug/L		98
14) 1,1-Diclethene	2.099	96	620399	201.018	ug/L	#	83
15) Freon 113	2.105	101	629851	198.466	ug/L		98
16) Acetone	2.154	43	521675	179.002	ug/L		91
17) 2-Propanol	2.288	45	2369508	4122.692	ug/L		94
18) Iodomethane	2.221	142	1036850	215.443	ug/L		97
19) Carbon Disulfide	2.270	76	1717733	226.064	ug/L		99
20) Acetonitrile/Allyl Chl...	2.404	41	1903363	1241.184	ug/L		86
21) Methyl Acetate	2.434	43	969243	190.591	ug/L		86
22) Methylene Chloride	2.514	84	682123	149.486	ug/L	#	70
23) TBA	2.660	59	4354482	4087.585	ug/L		94
24) Acrylonitrile	2.764	53	2610761	981.379	ug/L		100
25) Methyl-t-Butyl Ether	2.800	73	2302329	196.962	ug/L		88
26) trans-1,2-Dichloroethene	2.782	96	677338	200.068	ug/L	#	83
27) 1,1-Diclethane	3.245	63	1402320	200.859	ug/L		98
28) Vinyl Acetate	3.331	86	178000	260.874	ug/L	#	1
29) DIPE	3.361	45	2416545	196.056	ug/L		88
30) 2-Chloro-1,3-Butadiene	3.355	53	1397699	197.799	ug/L		82
31) ETBE	3.849	59	2618170	200.527	ug/L		91
32) 2,2-Dichloropropane	4.007	77	1069534	243.531	ug/L		98
33) cis-1,2-Dichloroethene	4.013	96	784477	202.174	ug/L	#	76
34) 2-Butanone	4.074	43	687060	197.571	ug/L		84
35) Propionitrile	4.160	54	1198128	1008.483	ug/L		99
36) Bromochloromethane	4.379	130	518620	201.606	ug/L	#	69
37) Methacrylonitrile	4.404	67	455586	205.712	ug/L	#	50
38) Tetrahydrofuran	4.471	42	428424	193.154	ug/L	#	73
39) Chloroform	4.550	83	1242783	191.495	ug/L		96
40) 1,1,1-Trichloroethane	4.830	97	1168912	224.403	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4589.D
Acq On : 31 Jul 2024 06:51 pm
Operator : K.Ruest
Sample : 200ppb
Misc : 8260/624 ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 19:25:38 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) TAME	5.769	73	2058068	204.362 ug/L	89
43) Cyclohexane	4.910	41	678854	188.865 ug/L	89
45) Carbontetrachloride	5.129	117	1024426	211.031 ug/L	97
46) 1,1-Dichloropropene	5.147	75	882132	196.765 ug/L	98
48) Benzene	5.495	78	2606742	200.749 ug/L	87
49) 1,2-Dichloroethane	5.550	62	1233518	189.483 ug/L	95
50) Iso-Butyl Alcohol	5.574	43	1500653	4787.294 ug/L	97
51) n-Heptane	6.025	43	971395	198.624 ug/L #	77
52) 1-Butanol	6.604	56	2769065	13478.371 ug/L	90
53) Trichloroethene	6.507	130	778827	201.165 ug/L	99
54) Methylcyclohexane	6.751	55	1082519	198.157 ug/L #	76
55) 1,2-Diclpropane	6.806	63	793881	200.845 ug/L	96
56) Dibromomethane	6.952	93	502705	202.804 ug/L	97
57) 1,4-Dioxane	7.037	88	334270	3998.822 ug/L	83
58) Methyl Methacrylate	7.062	69	692693	209.732 ug/L #	70
59) Bromodichloromethane	7.196	83	1007811	216.424 ug/L	99
60) 2-Nitropropane	7.501	41	773856	464.975 ug/L	91
61) 2-Chloroethylvinyl Ether	7.622	63	255347	200.009 ug/L	94
62) cis-1,3-Dichloropropene	7.757	75	1189482	224.281 ug/L	99
63) 4-Methyl-2-pentanone	7.976	43	1279669	206.667 ug/L	88
65) Toluene	8.122	91	2894660	195.280 ug/L	96
66) trans-1,3-Dichloropropene	8.415	75	1153997	226.559 ug/L	99
67) Ethyl Methacrylate	8.567	69	1233626	216.226 ug/L #	69
68) 1,1,2-Trichloroethane	8.604	97	726913	203.499 ug/L	99
71) Tetrachloroethene	8.726	164	554968	197.548 ug/L	97
72) 2-Hexanone	8.915	43	1001380	199.423 ug/L	89
73) 1,3-Dichloropropane	8.775	76	1175023	191.173 ug/L #	81
74) Dibromochloromethane	9.006	129	878395	221.368 ug/L	98
75) N-Butyl Acetate	9.073	43	1905656	197.916 ug/L	91
76) 1,2-Dibromoethane	9.098	107	819141	201.394 ug/L	98
77) 3-Chlorobenzotrifluoride	9.634	180	942649	203.636 ug/L	93
78) Chlorobenzene	9.604	112	2013033	188.569 ug/L	98
79) 4-Chlorobenzotrifluoride	9.689	180	848095	197.740 ug/L	96
80) 1,1,1,2-Tetrachloroethane	9.695	131	815186	211.934 ug/L	99
81) Ethylbenzene	9.726	106	1060395	197.557 ug/L	98
82) (m+p)Xylene	9.842	106	2585547	391.306 ug/L	94
83) o-Xylene	10.201	106	1307633	198.702 ug/L	97
84) Styrene	10.220	104	2296989	207.498 ug/L	99
85) Bromoform	10.366	173	571703	254.739 ug/L	99
86) 2-Chlorobenzotrifluoride	10.457	180	939172	200.234 ug/L	94
87) Isopropylbenzene	10.543	105	3350733	198.599 ug/L	98
88) Cyclohexanone	10.616	55	4801290	3851.988 ug/L	96
89) trans-1,4-Dichloro-2-B...	10.866	53	520470	218.605 ug/L	91
91) 1,1,2,2-Tetrachloroethane	10.817	83	1134858	200.947 ug/L	98
92) Bromobenzene	10.787	156	855481	198.741 ug/L	99
93) 1,2,3-Trichloropropane	10.841	110	395994	193.366 ug/L	91
94) n-Propylbenzene	10.902	91	3784609	193.549 ug/L	97
95) 2-Chlorotoluene	10.963	91	2357099	191.679 ug/L	99
96) 3-Chlorotoluene	11.018	91	2404458	193.262 ug/L	99
97) 4-Chlorotoluene	11.055	91	2720487	192.336 ug/L	99
98) 1,3,5-Trimethylbenzene	11.055	105	2873043	194.003 ug/L	99
99) tert-Butylbenzene	11.329	119	2447265	193.625 ug/L	97
100) 1,2,4-Trimethylbenzene	11.366	105	2923730	194.741 ug/L	99
101) 3,4-Dichlorobenzotrifl...	11.439	214	643347	197.333 ug/L	100
102) sec-Butylbenzene	11.512	105	3416004	193.022 ug/L	100
103) p-Isopropyltoluene	11.634	119	3065689	196.977 ug/L	98

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4589.D
Acq On : 31 Jul 2024 06:51 pm
Operator : K.Ruest
Sample : 200ppb
Misc : 8260/624 ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 19:25:38 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration

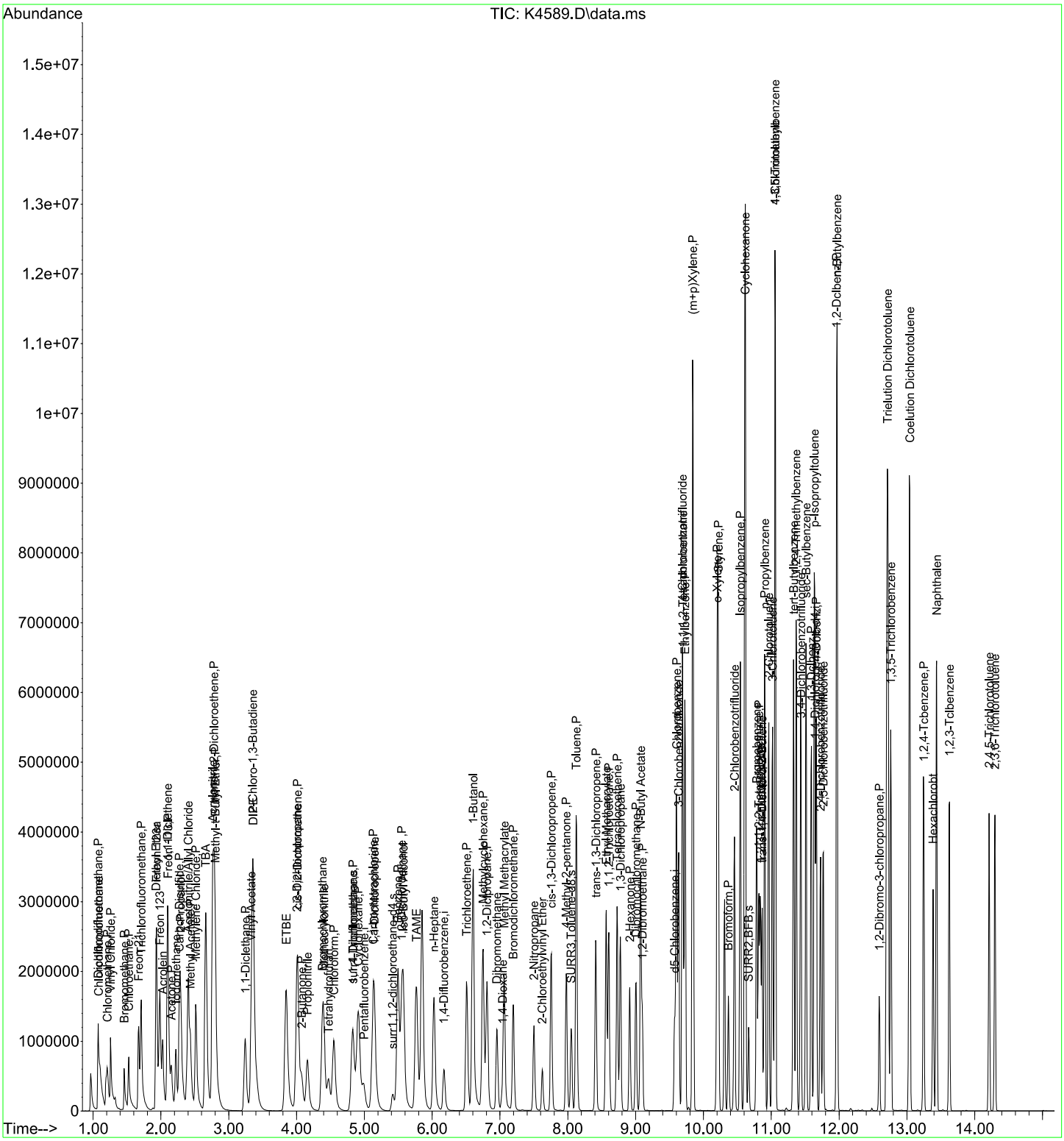
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104)	1,3-Dclbenz	11.591	146	1632263	197.991	ug/L	99
105)	1,4-Dclbenz	11.664	146	1648047	197.988	ug/L	99
106)	2,4-Dichlorobenzotrifl...	11.725	214	580439	202.183	ug/L	97
107)	2,5-Dichlorobenzotrifl...	11.768	214	644258	201.324	ug/L	97
108)	n-Butylbenzene	11.969	91	2680398	197.761	ug/L	98
109)	1,2-Dclbenz	11.963	146	1605097	197.196	ug/L	98
110)	1,2-Dibromo-3-chloropr...	12.591	157	337473	251.161	ug/L	96
111)	Trielution Dichlorotol...	12.713	125	4460230	581.361	ug/L	98
112)	1,3,5-Trichlorobenzene	12.762	180	1043974	196.290	ug/L	98
113)	Coelution Dichlorotoluene	13.042	125	3231583	391.592	ug/L	98
114)	1,2,4-Tcbenzene	13.250	180	1057627	205.089	ug/L	98
115)	Hexachlorobt	13.384	225	382295	201.384	ug/L	97
116)	Naphthalen	13.439	128	3892927	199.619	ug/L	99
117)	1,2,3-Tclbenzene	13.628	180	1028222	202.323	ug/L	99
118)	2,4,5-Trichlorotoluene	14.213	159	836641	206.665	ug/L	97
119)	2,3,6-Trichlorotoluene	14.298	159	784097	209.347	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\073124\
Data File : K4589.D
Acq On : 31 Jul 2024 06:51 pm
Operator : K.Ruest
Sample : 200ppb
Misc : 8260/624 ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 19:25:38 2024
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W073124.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Wed Jul 31 19:09:13 2024
Response via : Initial Calibration



Attachment B

Site-Wide Inspection Form

ANNUAL SITE-WIDE INSPECTION FORM
ERIE HARBOR SITE
205-405 MT. HOPE AVENUE
ROCHESTER, NEW YORK
NYSDEC SITE NUMBER: C828125

Date of Inspection: July 10, 2024

Inspected By: Jeff Danzinger, Day Env., P.M.

(Include: name, company, and position of person(s) conducting inspection)

Observed Use of Site: Residential - Unchanged

SSDS in Building #3:

Integrity of Observed Aboveground Components: good condition and fan operating

Results of testing alarm by temporary disconnection of tubing: alarm sounds

Vacuum reading at temporary disconnected alarm tubing: -0.468" H_2O

Vacuum reading at #602 SSDS Monitoring Point: -0.558" H_2O

Vacuum reading at #604 SSDS Monitoring Point: -0.094" H_2O

Vacuum reading at #607 SSDS Monitoring Point: -0.505" H_2O

Vacuum reading at #610 SSDS Monitoring Point: -0.103" H_2O

Discuss any corrective actions needed or taken: none needed

SSDS in Building #4:

Integrity of Observed Aboveground Components: good condition and fan operating

Results of testing alarm by temporary disconnection of tubing: alarm sounds

Vacuum reading at temporary disconnected alarm tubing: -0.696" H_2O

Vacuum reading at #502 SSDS Monitoring Point: -0.672" H_2O

Vacuum reading at #505 SSDS Monitoring Point: -0.761" H_2O

Discuss any corrective actions needed or taken: none needed

Monitoring Wells:

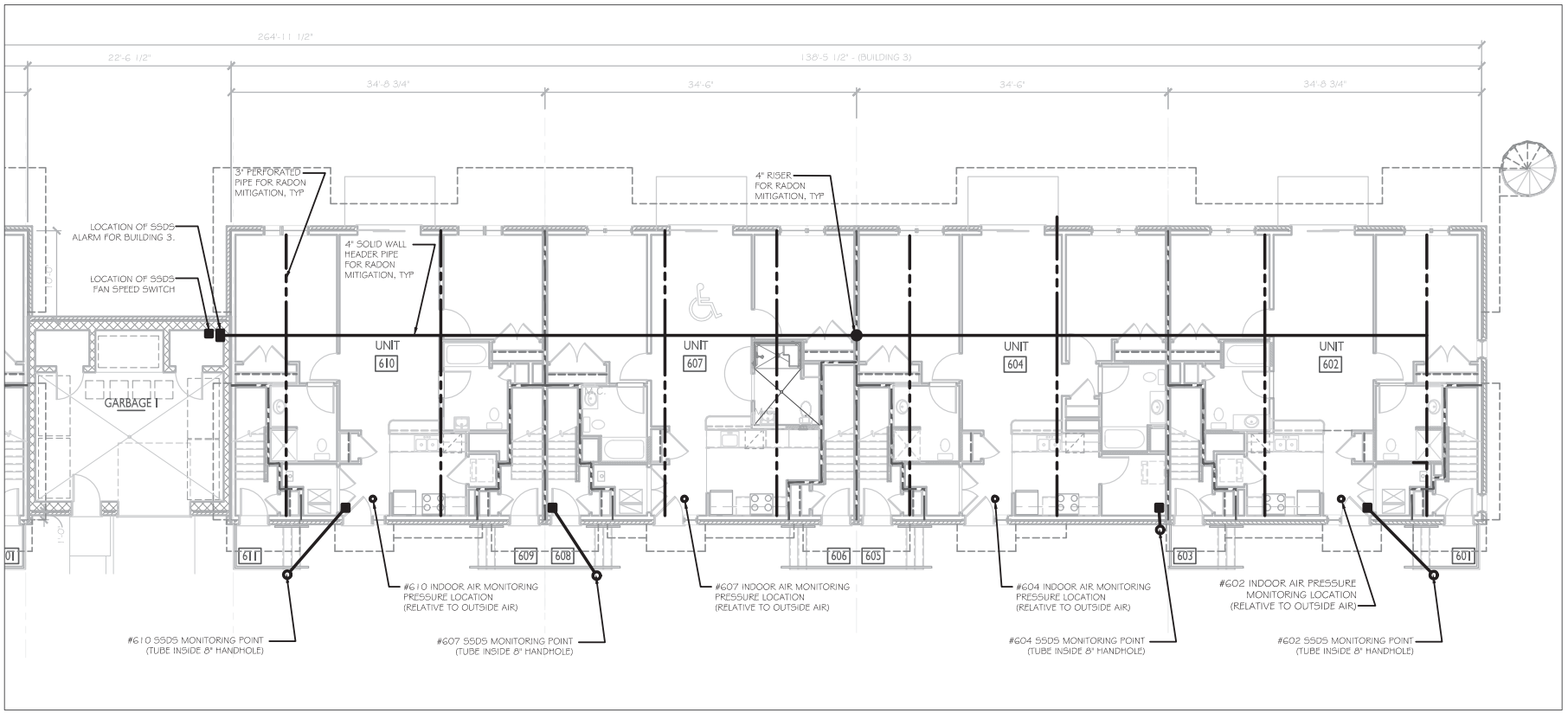
Evidence of damage or blockage of monitoring wells: ☐ Yes ☒ No

Describe damage or blockage if observed: Not applicable

Discuss any corrective actions needed or taken: None

Additional Comments: None

Signatures:



BUILDING #3 SSDS COMPONENTS

Not To Scale

DESIGNED BY	BFK
DRAWN BY	RJM
SCALE	Not To Scale
DATE	1-2018
DATE DRAWN	1-10-2018
DATE ISSUED	1-11-2018

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14606
NEW YORK, NEW YORK 10016-0710

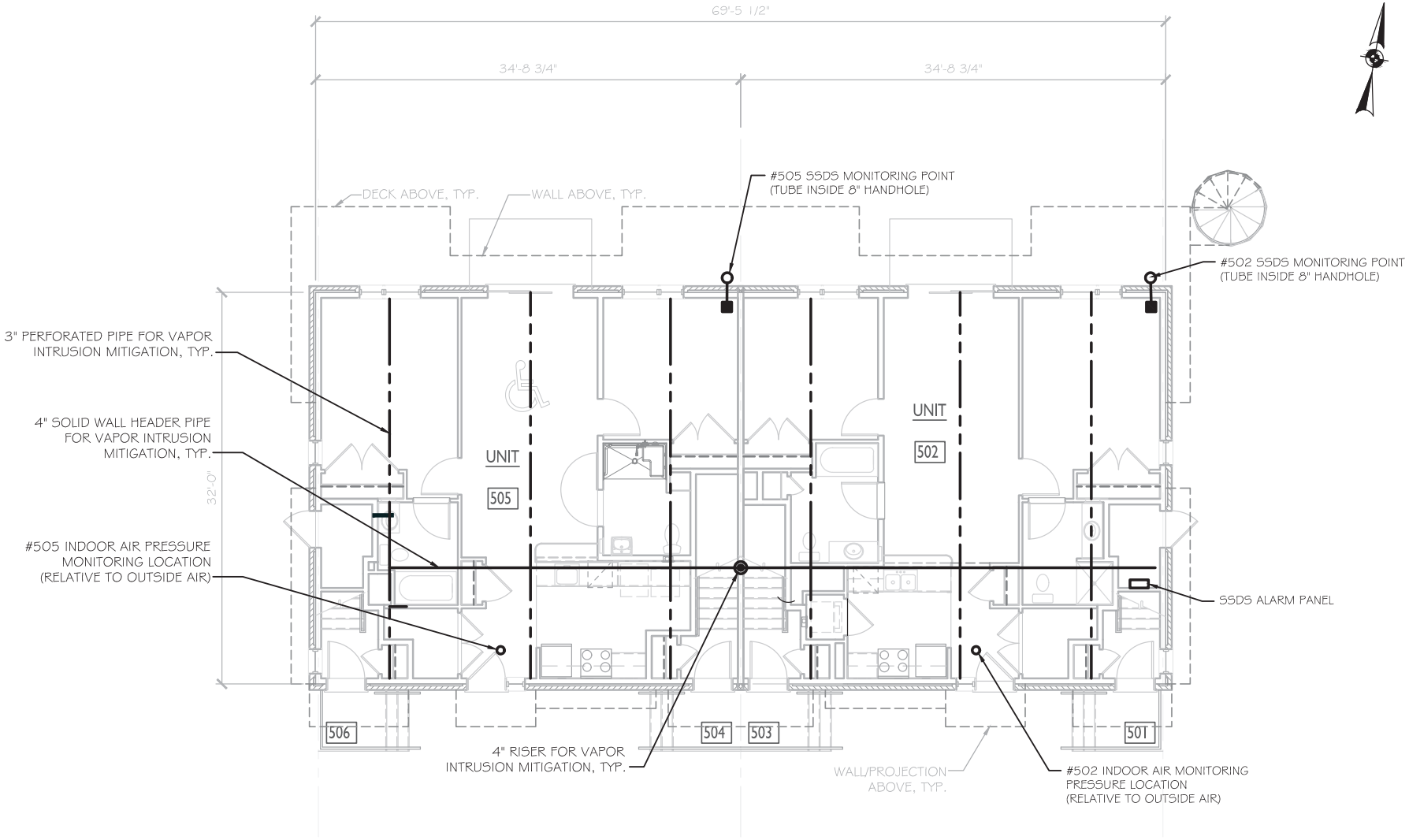
PROJECT TITLE
205-405 MT. HOPE AVENUE
ROCHESTER, NEW YORK

BROWNFIELD CLEANUP PROGRAM

DRAWING TITLE
Building #3 SSDS Components

PROJECT NO.
4155R-09

FIGURE 15



BUILDING #4
SSDS COMPONENTS
1/8" = 1'-0"

DESIGNED BY	BFK
DRAWN BY	RJM
SCALE	As Noted
DATE	1-2018
DATE DRAWN	1-10-2018
DATE ISSUED	1-10-2018

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14606
NEW YORK, NEW YORK 10016-0710

PROJECT TITLE
205-405 MT. HOPE AVENUE
ROCHESTER, NEW YORK
BROWNFIELD CLEANUP PROGRAM

DRAWING TITLE
Building #4 SSDS Components

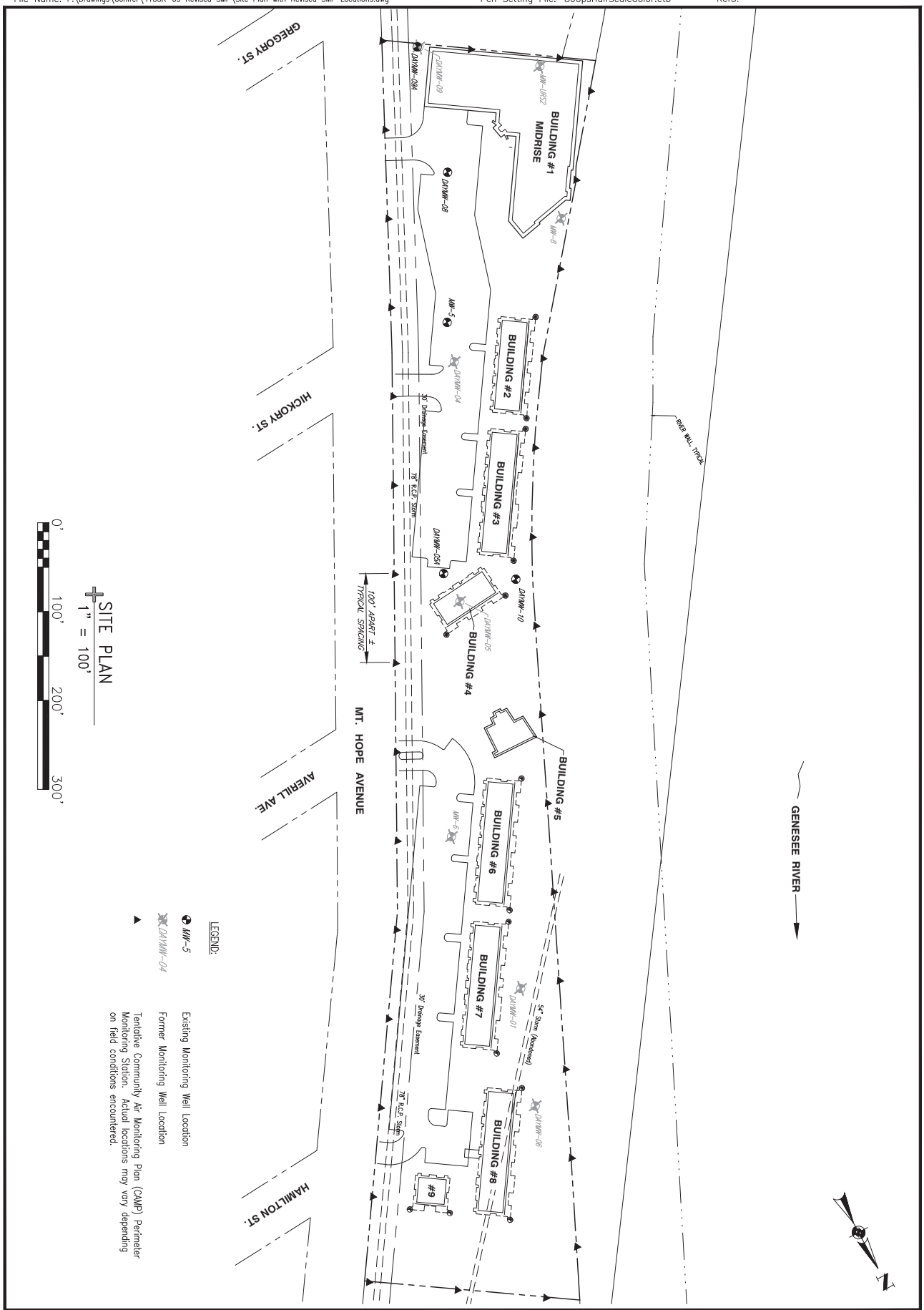
PROJECT NO.
4155R-09

FIGURE 16

Time Plotted: Thursday, January 11, 2018 7:31:27 AM
File Name: P:\Drawings\Conifer\4155R-09 Revised SMP\Site Plan with Revised SMP Locations.dwg

Xerox432AnsiB-2; 11 x 17
Layout Name: Layout1
Pen Setting File: 800psHalfScaleColor.ctb

Ref1:
Ref2:
Ref3:



PROJECT NO.
4155R-09

FIGURE 17

PROJECT TITLE
205-405 MT. HOPE AVENUE
ROCHESTER, NEW YORK

BROWNFIELD CLEANUP PROGRAM

DRAWING TITLE
Well Location Plan and Tentative CAMP Perimeter Monitoring Stations

day
DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14606
NEW YORK, NEW YORK 10170

FIELD VERIFIED BY	DATE
JAD	1-2018
DRAWN BY	DATE DRAWN
RJM	1-10-2018
SCALE	DATE ISSUED
As Noted	1-11-2018

Attachment C

Institutional and Engineering Controls Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C828125

Site Name River Park Commons - Townhouses

Site Address: 205-405 Mt. Hope Avenue Zip Code: 14620
City/Town: Rochester
County: Monroe
Site Acreage: 6.016

Reporting Period: January 30, 2024 to January 30, 2025

	YES	NO
1. Is the information above correct?	●	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	●
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	●
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	●
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	●

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	●	☐
7. Are all ICs in place and functioning as designed?	●	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	●

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

	YES	NO
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	●	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C828125 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
121.55-01-059.001	Erie Harbor, LLC	Ground Water Use Restriction Monitoring Plan O&M Plan IC/EC Plan Landuse Restriction Site Management Plan

A restricted residental land use restriction is in place.
A groundwater use restriction is in place.
Excavation must be done under the SMP.
The potential for soil vapor intrusion must be evaluated and mitigated if required in "EC area."
Vegetable gardens and farming are prohibited without Department approval.
Periodic certification is required.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
121.55-01-059.001	Vapor Mitigation

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
●	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
●	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C828125

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Alicia Morgan (print name) at 1000 University Ave, Suite 500, Rochester, NNY 14607 (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Alicia Morgan- SVP of Property Management — 2/28/25

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

IC/EC CERTIFICATIONS

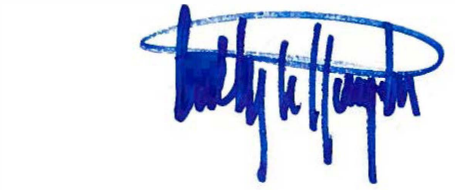
Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Timothy K. Hampton (print name) at 1563 Lyell Avenue, Rochester, NY 14606 (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

2/13/2025

Date